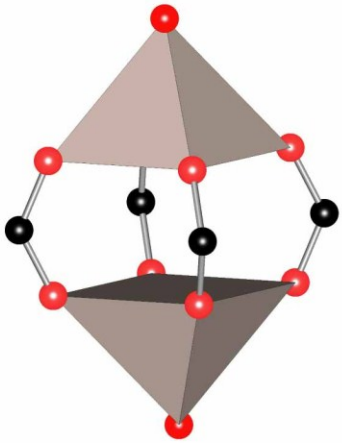
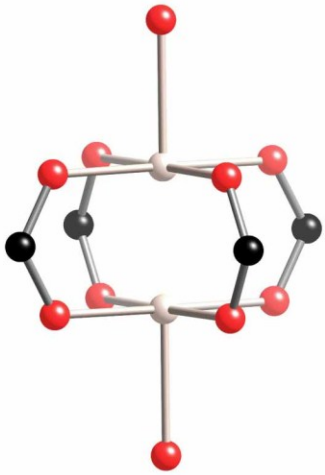
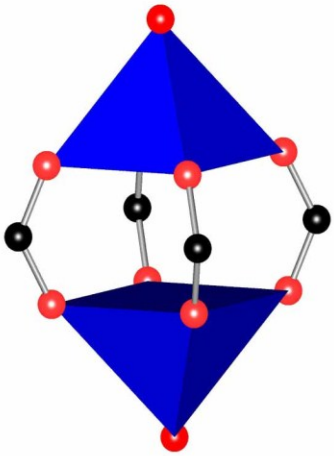
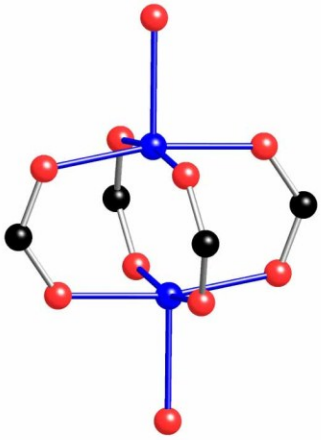




$Ru_2(CO_2)_4(O)_2$

$Ru_2(CH_3CO_2)_4(H_2O)_2$

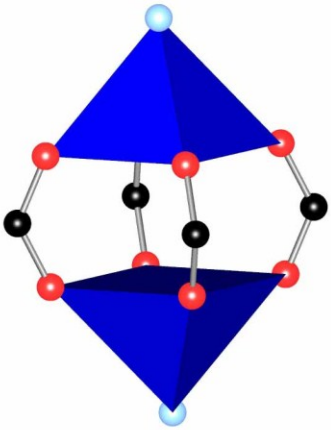
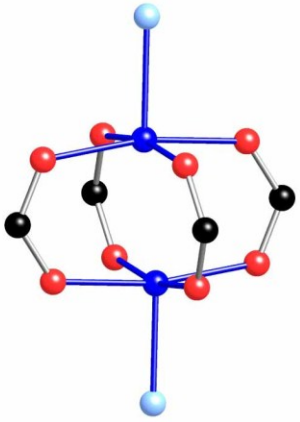
AACRUB01 R. E. Marsh, V. Shomaker *Inorganic Chemistry*, **1981**, 20, p 299


$Cu_2(CO_2)_4(O)_2$

$Cu_2(C_5H_5SCO_2)_4(C_3H_7NO)_2$

ABUXUR P. Drozdzewski et al. *J. Mol. Struct.*, **2004**, 707, p 131

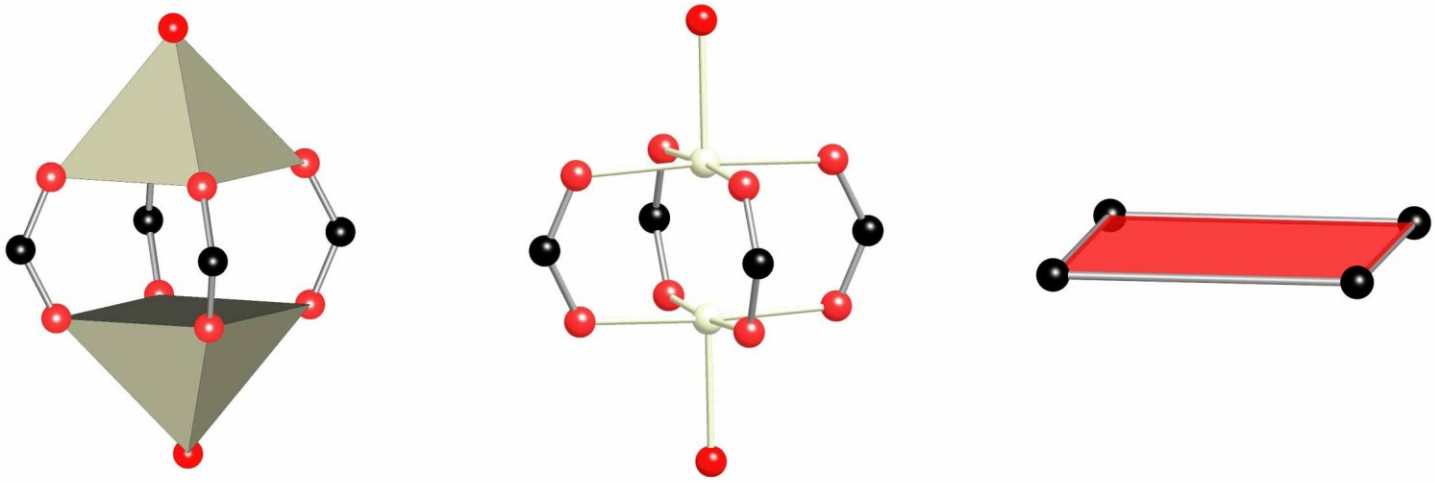

$Cu_2(CO_2)_4(N)_2$

$Cu_2(CH_3CO_2)_4(C_6H_7N)_2$

ACAPCU F. Pavelcik, F. Hanic *J. Cryst. Mol. Struct.*, **1978**, 8, p 59

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

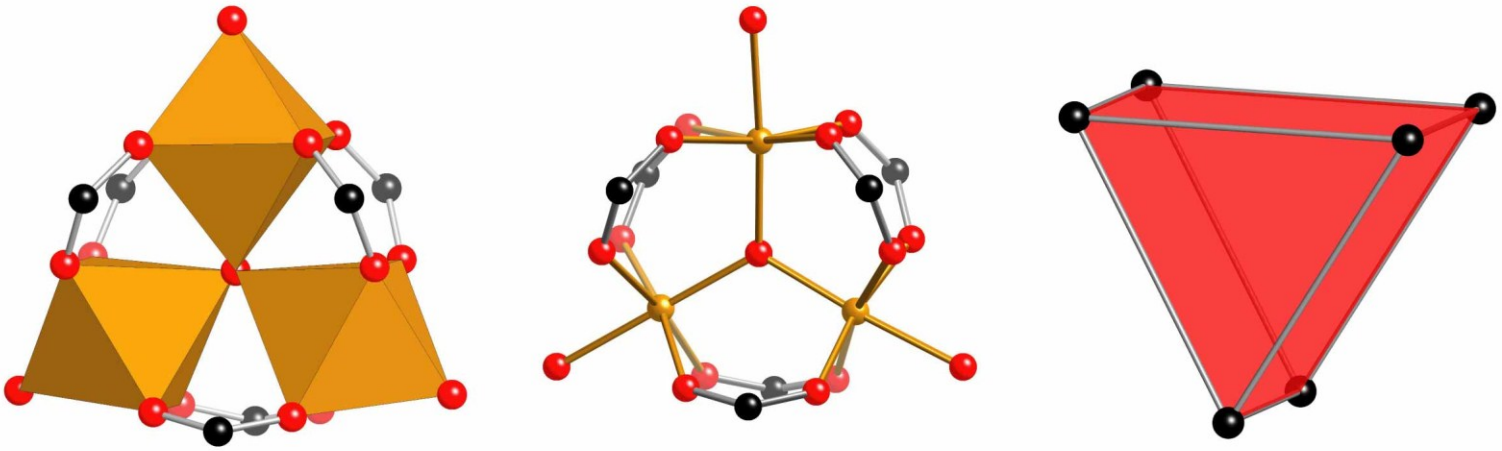
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283



$Rh_2(CO_2)_4(O)_2$

$Rh_2(CH_3CO_2)_4(H_2O)_2$

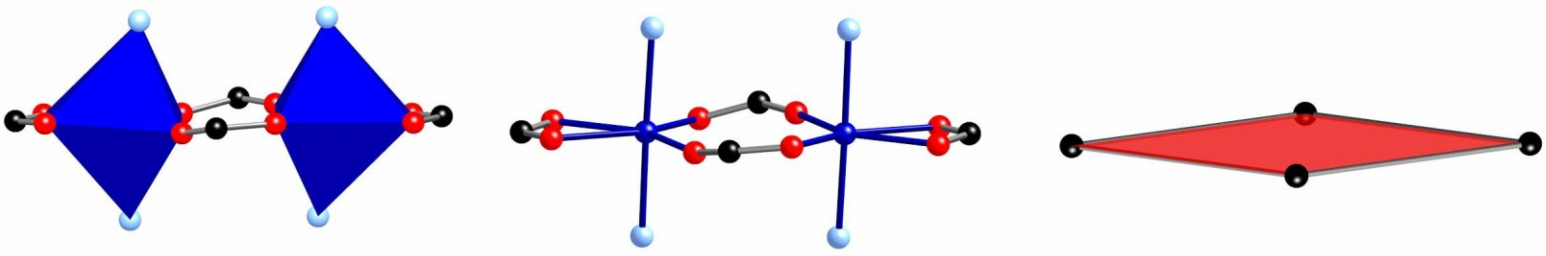
ACAQRH10 F. A. Cotton et al *Acta Crystallogr. Sect. B*, **1971**, 27, p 1664



$Fe_3(CO_2)_6(O)_3(O)$

$Fe_3(O_2CC_6H_4CO_2)_6((CH_3)_2NCO)_3(O)$

DANWOF A. C. Sudik et al *Inorg. Chem.*, **2005**, 44, p 2998



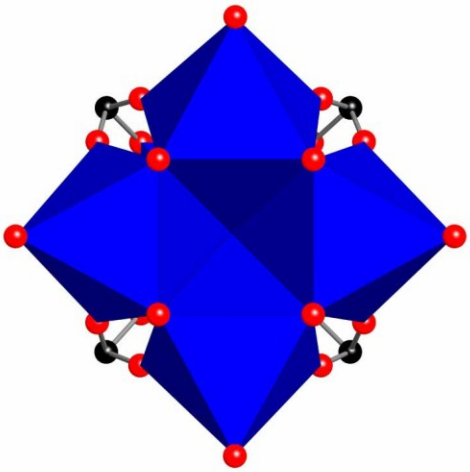
$Co_2(CO_2)_4(N)_4$

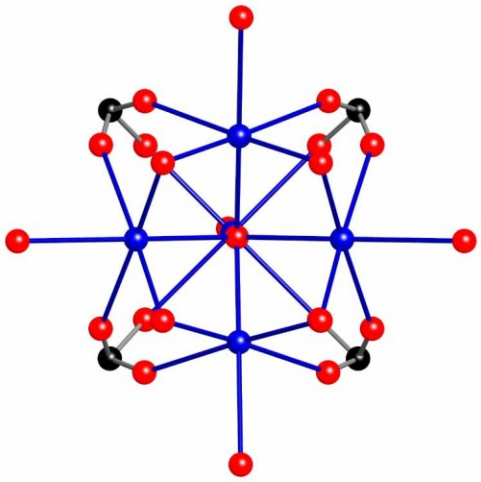
$Co_2(NCC_6H_4CO_2)_4(NC_{10}H_8N)_2$

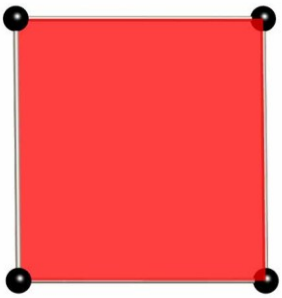
FETKIZ Hong-Yin He et al *Acta Crystallogr. Sect. E*, **2005**, 61, p m311

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283



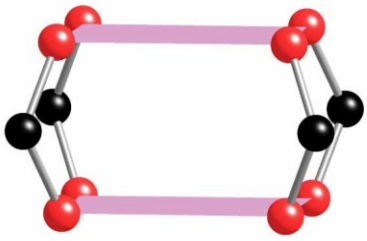


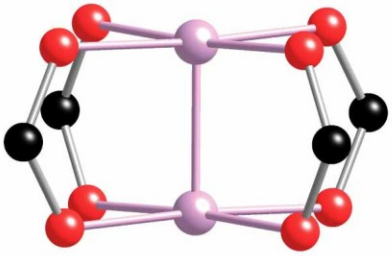


$Co_5(CO_2)_4(O)_{10}$

$Co_5[C_6H_3C_6H_3(CO_2)_4](H_2O)_9(O)$

FEYJID Banglin Chen et al *Inorg. Chem.* **2005**, 181, p 181



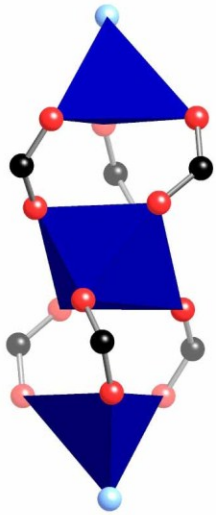


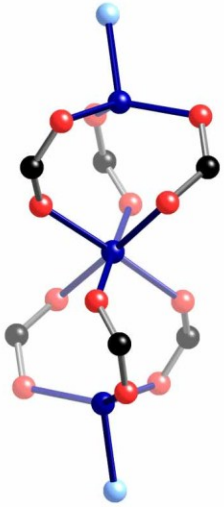


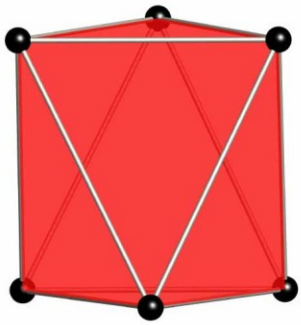
$Mo_2(CO_2)_4$

$Mo_2(ClC_6H_4OCH_2CO_2)_4$

FOHHEQ T. Liwporncharoenvong, R. L. Luck *Acta Crystallogr. Sect. E*, **2005**, 61, p m1191







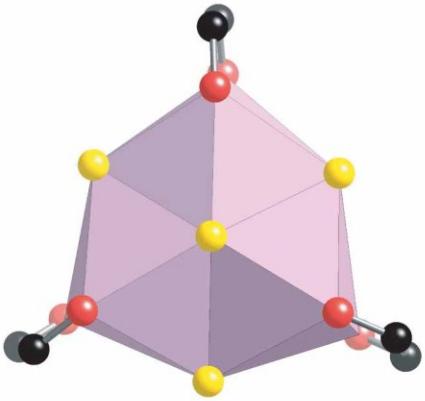
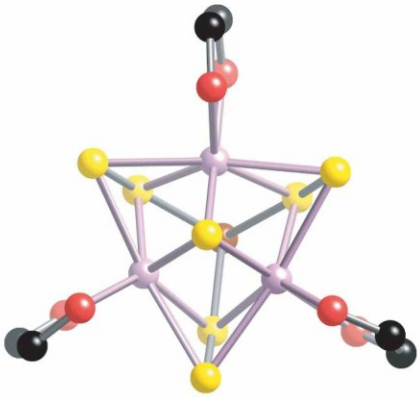
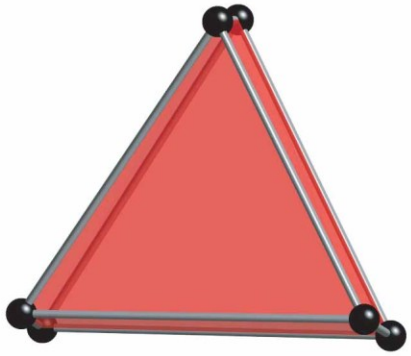
$Zn_3(CO_2)_6(N)_2$

$Zn_3(O_2CC_6H_4C_6H_4CO_2)_3(NC_5H_4C_5H_4N)_2$

HEGJUZ Jeong Yong Lee et al *Adv. Mater.*, **2005**, 17, p 2703

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

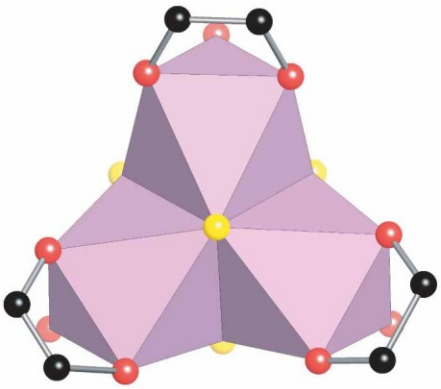
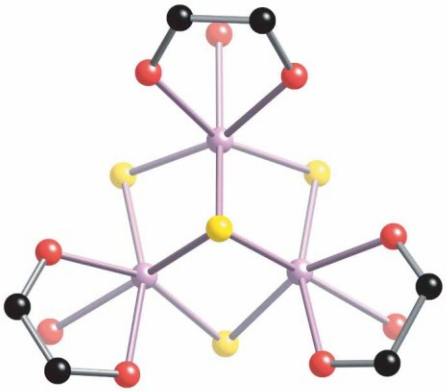
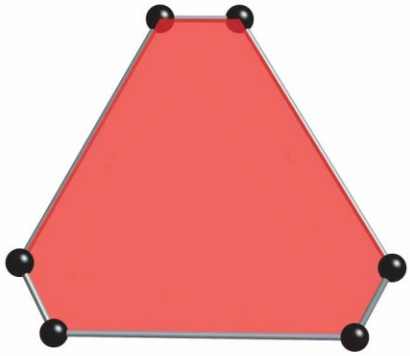




$Mo_3(C_2O_2)_3(S)_6$

$Mo_3(C_2O_4)_3(S)_6$

KAMMAN

M. N. Sokolov et al *Inorg. Chem.* **2005**, 44, p 2431

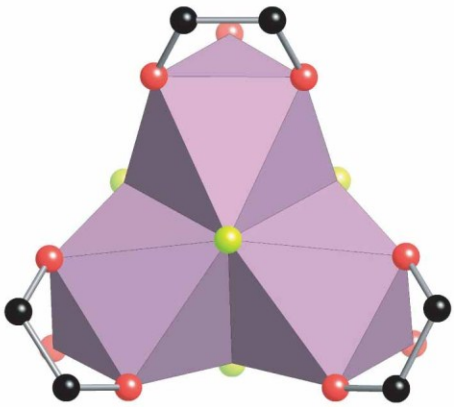
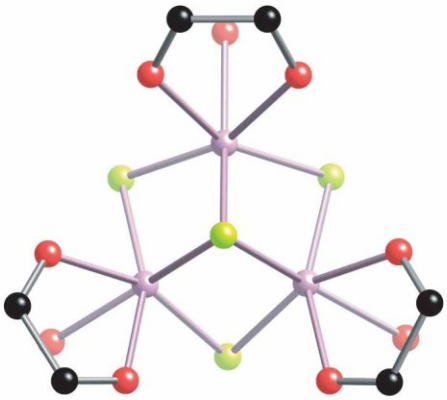




$Mo_3(C_2O_2)_3(S)_4(O)_3$

$Mo_3(C_2O_4)_3(S)_4(H_2O)_3$

KAMMIV

M. N. Sokolov et al *Inorg. Chem.* **2005**, 44, p 2431


$Mo_3(C_2O_2)_3(Se)_4(O)_3$

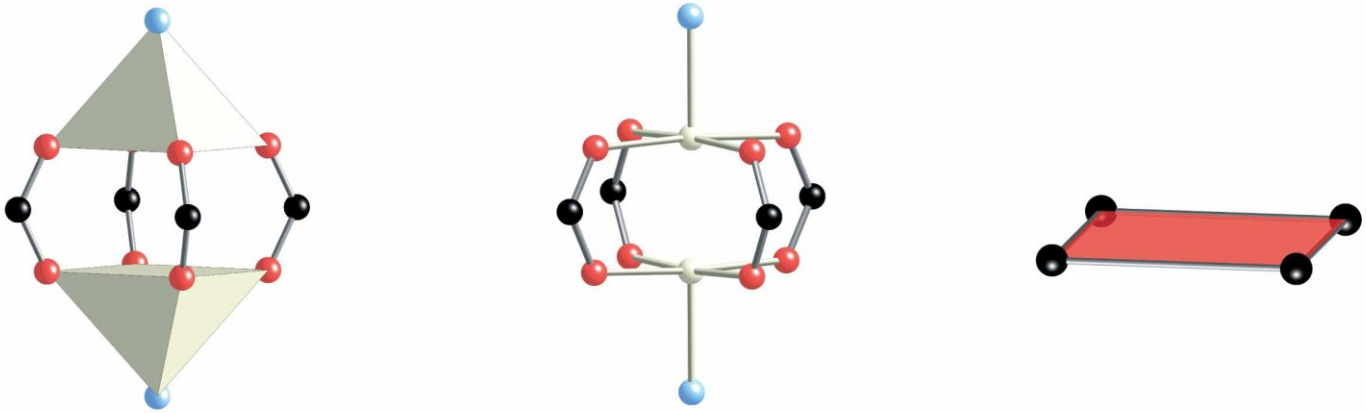
$Mo_3(C_2O_4)_3(Se)_4(H_2O)_3$

KAMMOB

M. N. Sokolov et al *Inorg. Chem.* **2005**, 44, p 2431

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

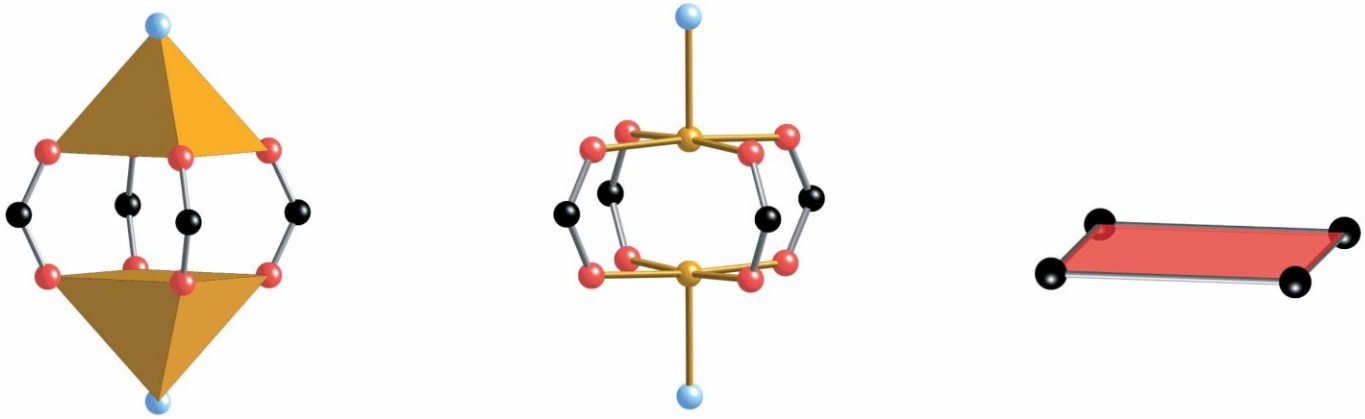


$Rh_2(CO_2)_4(N)_2$

$Rh_2(F_3CCO_2)_4(NCC_6H_4CN)$

KAPYEG

E. V. Dikarev et al *Chem. Commun.* **2005**, p 3274

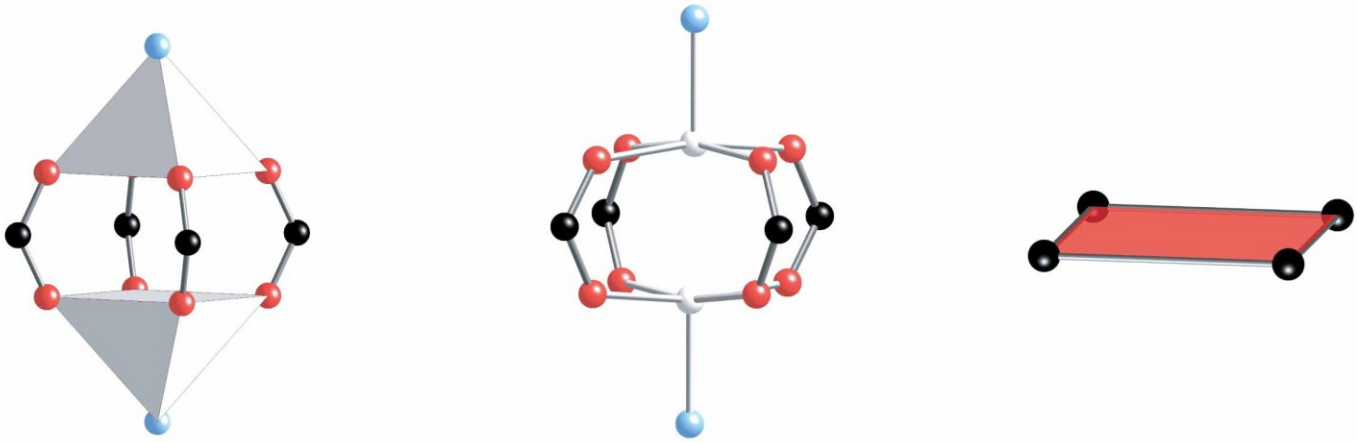


$Fe_2(CO_2)_4(N)_2$

$Fe_2[(CH_3C_6H_4)_2C_6H_3CO_2]_4[NCC_5H_4N]_2$

KASBEM

Sungho Yoon, S.J. Lippard *J. Am. Chem. Soc.*, **2005**, 127, p 8386



$Ni_2(CO_2)_4(N)_2$

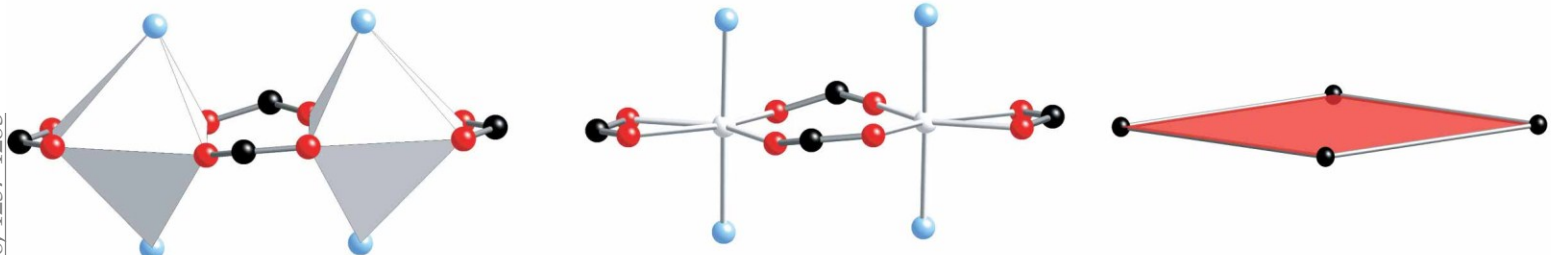
$Ni_2(O_2CC_6H_4OC_6H_4CO_2)_4(NC_5H_4C_5H_4N)_2$

KAVLEZ

Xin-Long Wang et al *Angew. Chem., Int. Ed.*, **2005**, 44, p 5824

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

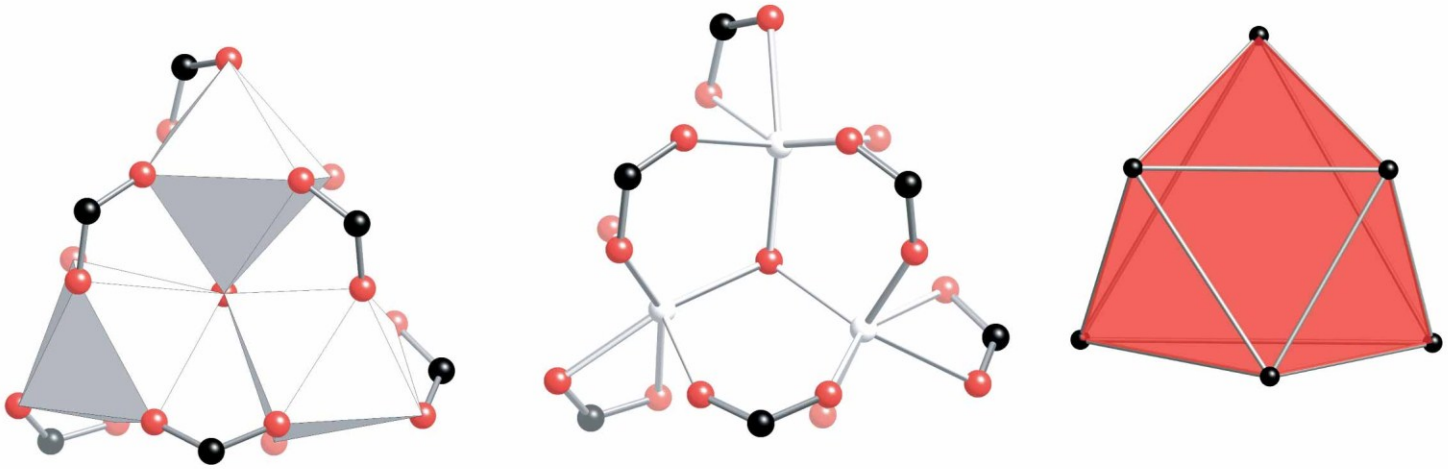


$Ni_2(CO_2)_4(N)_2$

$Ni_2(O_2CC_6H_4OC_6H_4CO_2)_4(NC_5H_4C_5H_4N)_2$

KAVLID

Xin-Long Wang et al *Angew. Chem., Int. Ed.*, **2005**, 44, p 5824

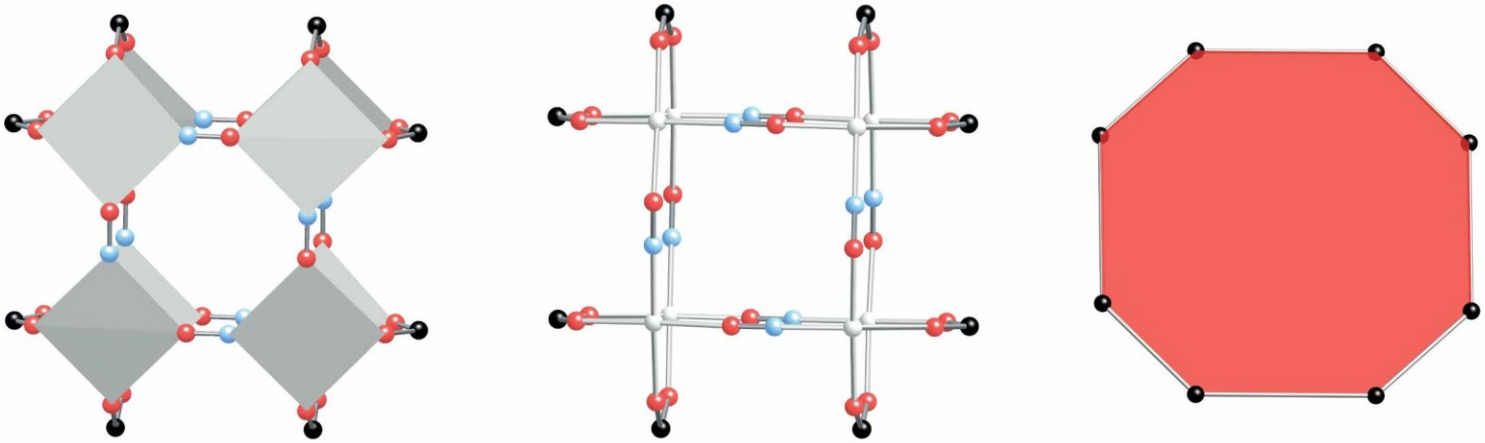


$Ni_3(CO_2)_6(O)_4$

$Ni_3(NC_5H_3CO_2)_6(H_2O)_4$

LATYOV

S. M. Humphrey et al *Inorg. Chem.*, **2005**, 44, p 5981



$Pd_8(CO_2)_8(NO)_8$

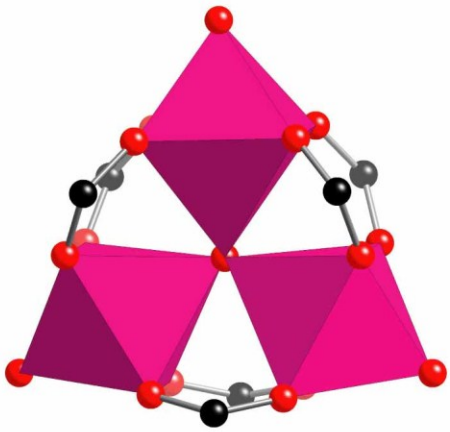
$Pd_8(CH_3CO_2)_8(NO)_8$

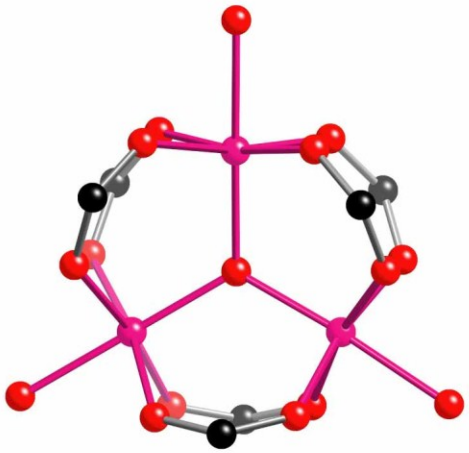
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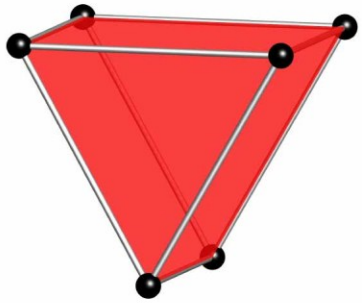
S. D. Kirik et al *Acta Crystallogr. Sect. C*, **2005**, 61, p m445

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

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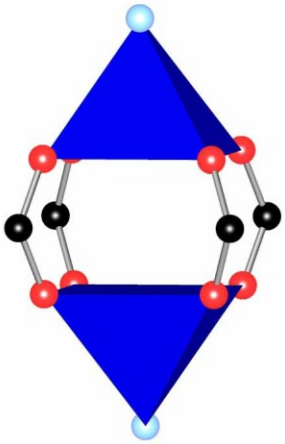


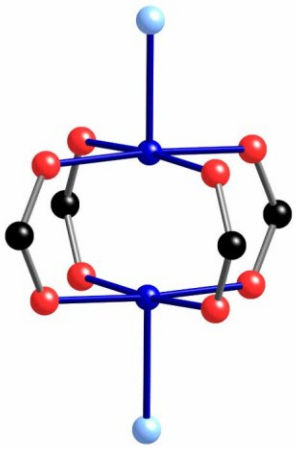
$Cr_3(CO_2)_6(O)_4$

$Cr_3(O_2CC_6H_4CO_2)_6(H_2O)_3(O)$

OCUNAC

G. Ferey et al *Science*, **2005**, 309, p 2040





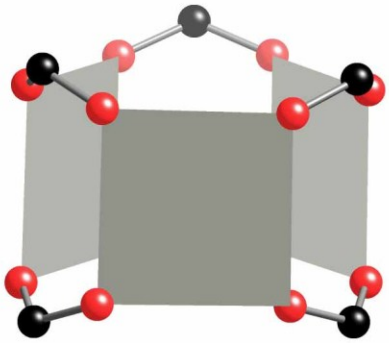


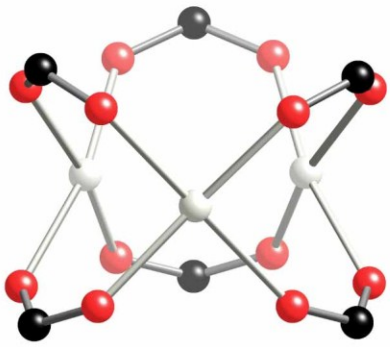
$Co_2(CO_2)_4(N)_2$

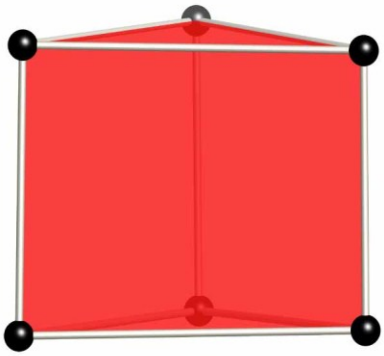
$Co_2(O_2C_6H_{10}CO_2)_4(NC_3H_4N)_2$

PAXBOG

Yun Gong et al *J. Solid State Chem.*, **2005**, 178, p 3152







$Pd_3(CO_2)_6$

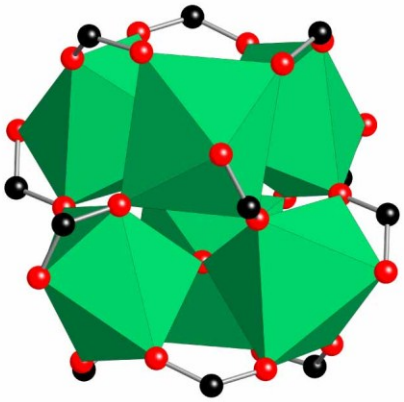
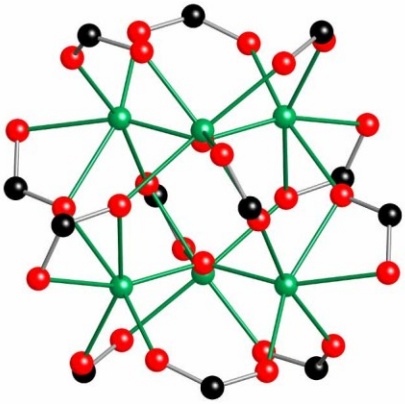
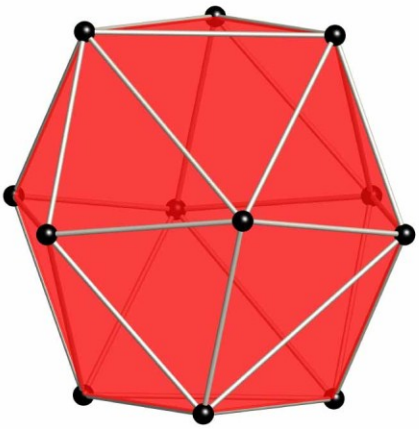
$Pd_3(CH_3CO_2)_6$

SAQWUD

V. I. Bakhmutov et al *Dalton Trans.*, **2005**, p 1989

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

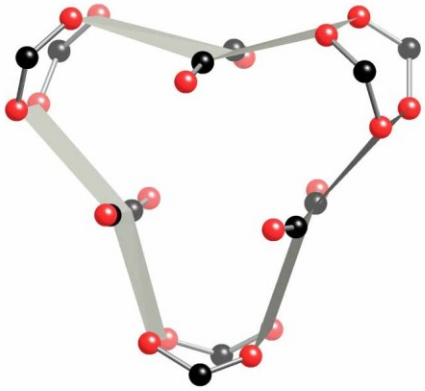
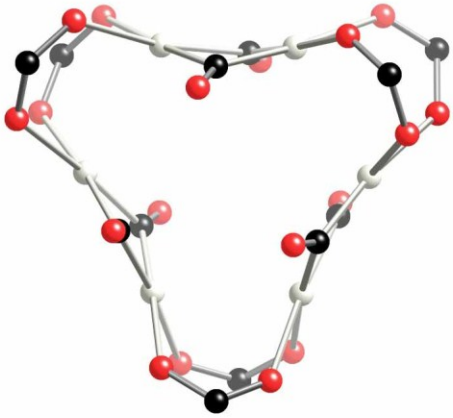
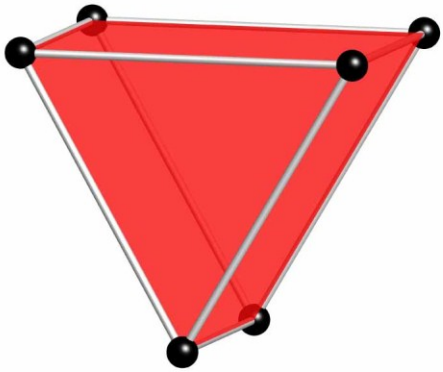
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

$Co_6(CO_2)_{12}(O)_2$

$Co_6(O_2CC_6H_4CO_2)_{12}(O)_2$

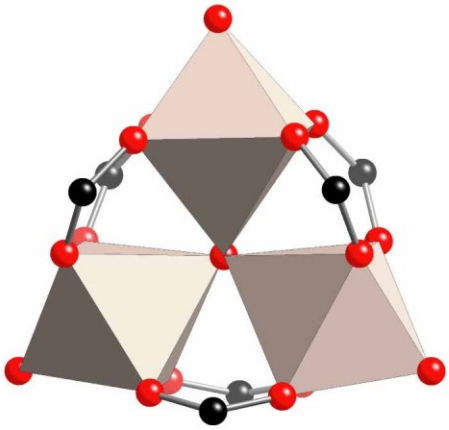
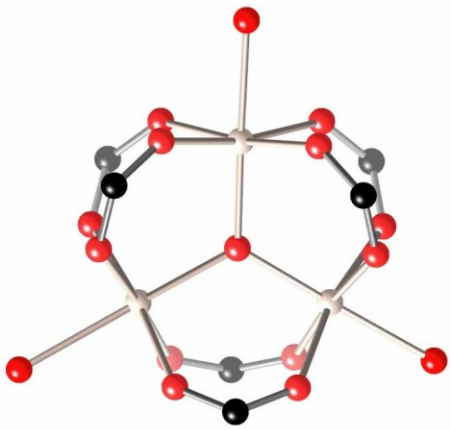
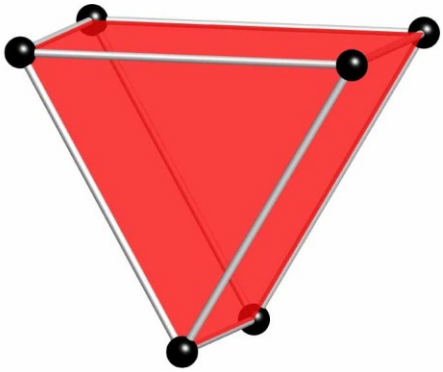
TAXFII C. Livage et al *Angew. Chem., Int. Ed.*, **2005**, 44, p 6488

$Pd_6(CO_2)_6(CO)_6$

$Pd_6[(CH_3)_3CCO_2]_6(CO)_6$

XAVDEE T. A. Stromnova et al *Zh. Neorg. Khim. (Russ. J. Inorg. Chem.)*, **2005**, 50, p 219

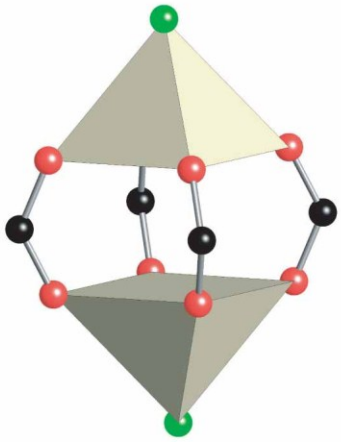
$Ru_3(CO_2)_6(O)_4$

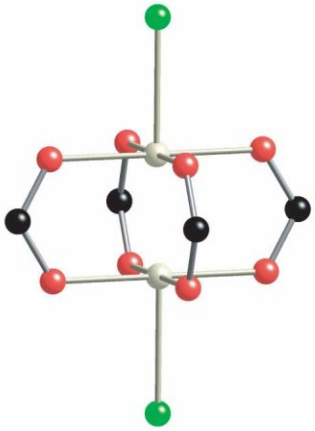
$Ru_3(CH_3CO_2)_6(H_2O)_3(O)$

LEGGEJ O. Almog et al *Inorg. Chim. Acta* **1993**, 213, p 99

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283



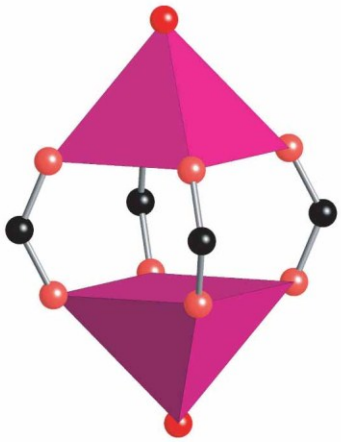


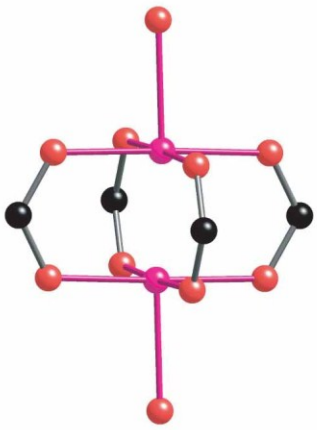


$Re_2(CO_2)_4(Cl)_2$

$Re_2(CH_3CO_2)_4(Cl)_2$

ACCLRE P. A. Kozmin et al *Koord. Khim. (Russ.) (Coord. Chem.)* **1980**, 6, p 1256



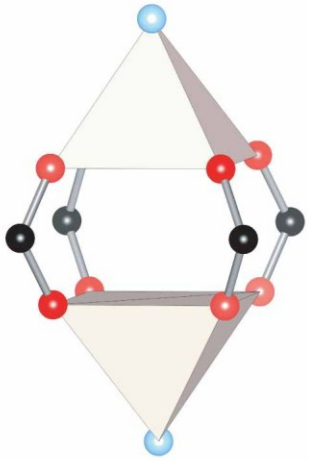


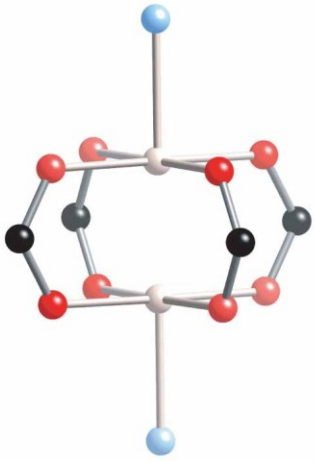


$Cr_2(CO_2)_4(O)_2$

$Cr_2(CH_3CO_2)_4(CH_3OHCO)_2$

ACETCR F. A. Cotton, G. W. Rice *Inorg. Chem.*, **1978**, 17, p 2004







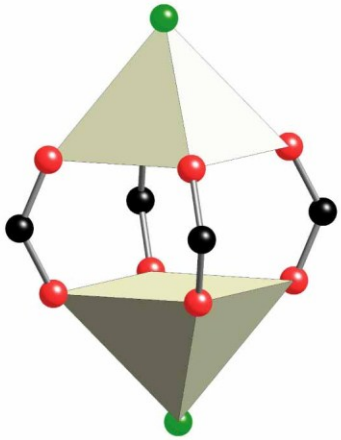
$Ru_2(CO_2)_4(N)_2$

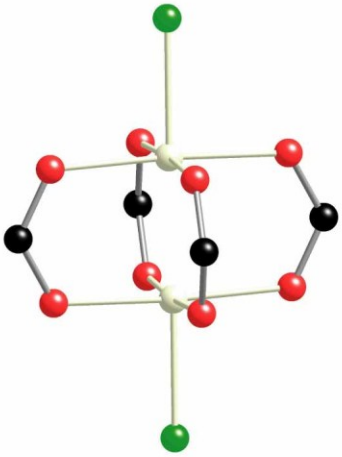
$Ru_2(CH_3CO_2)_4(C_9H_7N)_2$

ACETOR H. J. Gilfoy et al *Acta Crystallogr. Sect. E*, **2001**, 57, p m496

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

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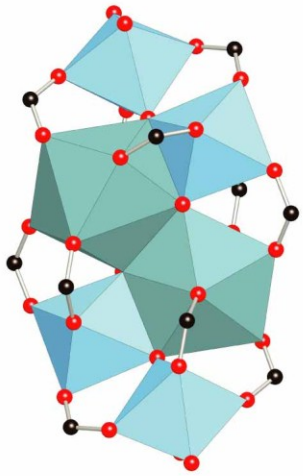


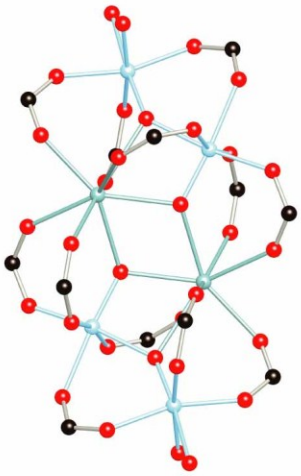
$Rh_2(CO_2)_4(Cl)_2$

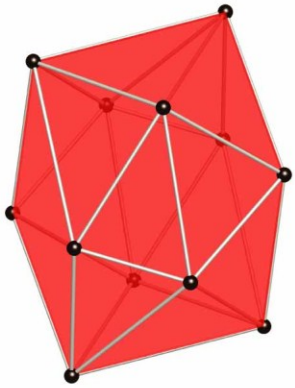
$Rh_2(CH_3CO_2)_4(Cl)_2$

ACCRHG01

V. M. Miskowski et al *Inorg. Chem.*, **1987**, 26, p 2127





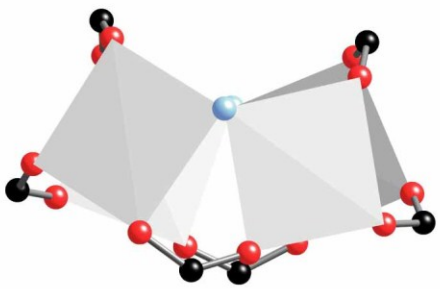


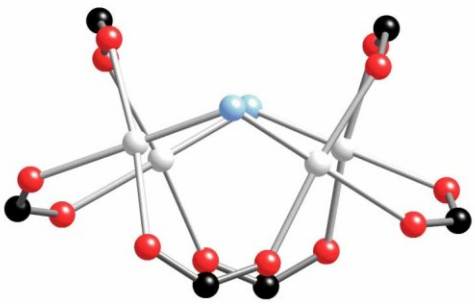
$Ti_4Y_2(CO_2)_{12}(O)_4(O)_4$

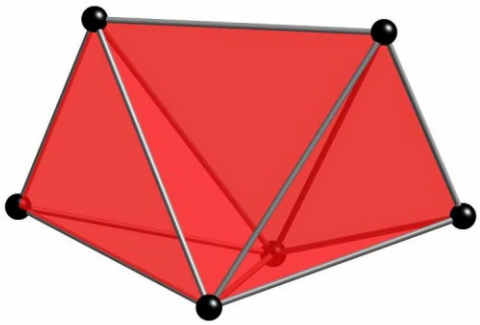
$Ti_4Y_2(CH_2{=}CCH_3CO_2)_{12}(CH_2{=}CCH_3COO)_4(O)_4$

IXIJAA

M. Jupa et al *Eur. J. Inorg. Chem.*, **2004**, p 1835







$Pt_4(CO_2)_6(NO)_2$

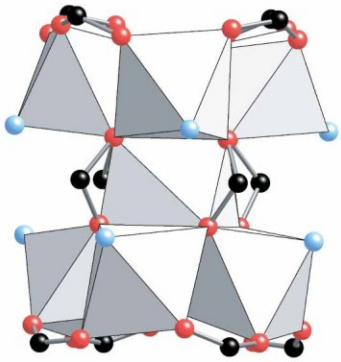
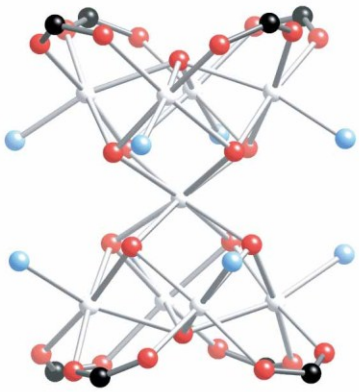
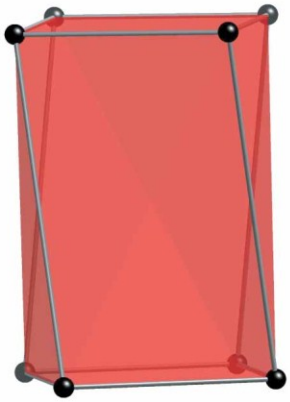
$Pt_4(CH_3CO_2)_6(NO)_2$

ACNSPT

P. de Meester, A. C. Skapski *J. Chem. Soc., Dalton Trans.*, **1973**, p 1194

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

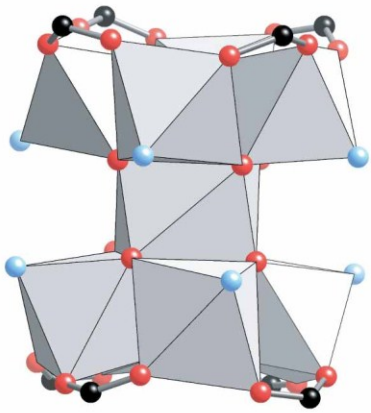
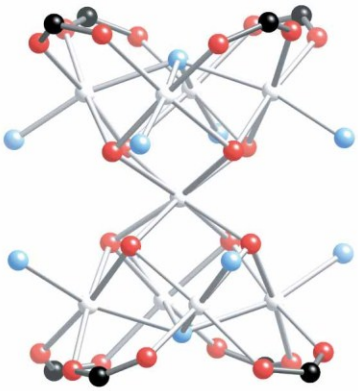
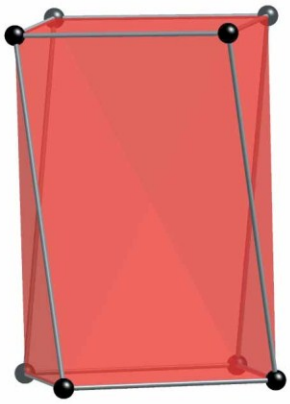
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

$Ni_9(CO_2)_8(O)_8(O)_2(N)_8$

$Ni_9[CH_3CO_2]_8[(O)_2][(HO)_2C(C5H4N)_2]_4$

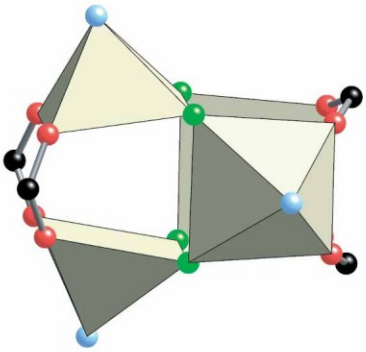
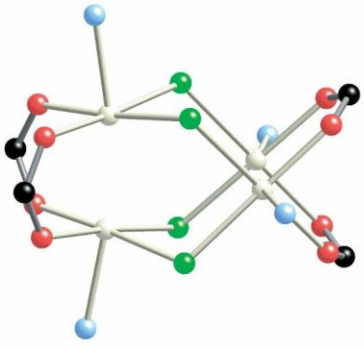
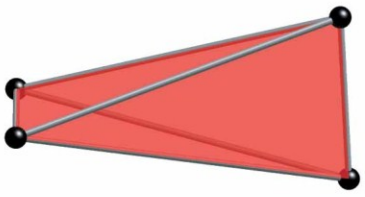
ACOFIH G. S. Papaefstathiou et al *Chem. Commun.*, **2001**, p 2414

$Ni_9(CO_2)_8(O)_8(N_2)_2(N)_8$

$Ni_9[CH_3CO_2]_8[(N_2)_2][(HO)_2C(C5H4N)_2]_4$

ACOFIH G. S. Papaefstathiou et al *Chem. Commun.*, **2001**, p 2414

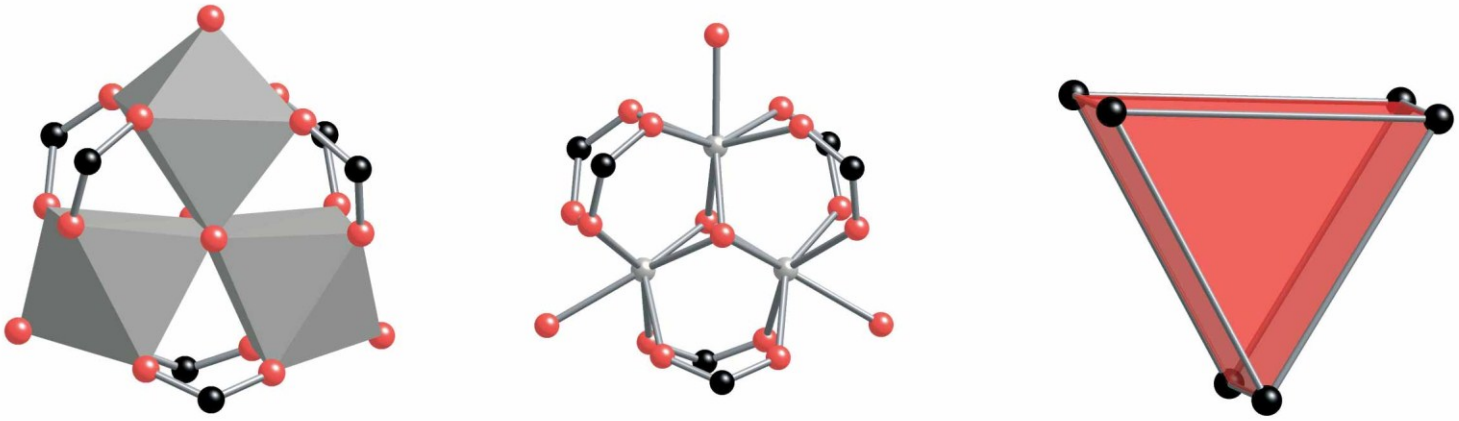
$Rh_4(CO_2)_4(Cl)_4(N)_4$

$Rh_4(CH_3CH_2CH_2CO_2)_4(Cl)_4(CH_2CHCN)_4$

ACOVOD Zhiyong Yang et al *J. Molecular Catalysis A: Chemical*, **2000**, 158, p 509

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

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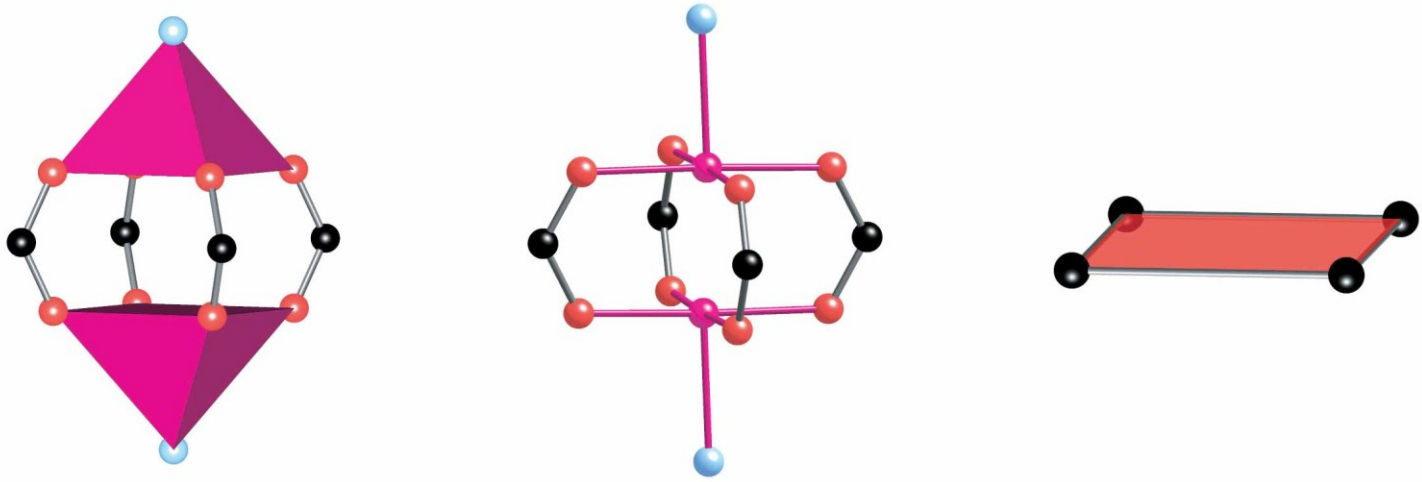


$W_3(CO_2)_6(O)_2(O)_3$

$W_3(CH_3CO_2)_6(O)_2(H_2O)_3$

ACOWIR20

A. Bino et al *Acta Crystallogr. Sect. B*, **1980**, 36, p 723

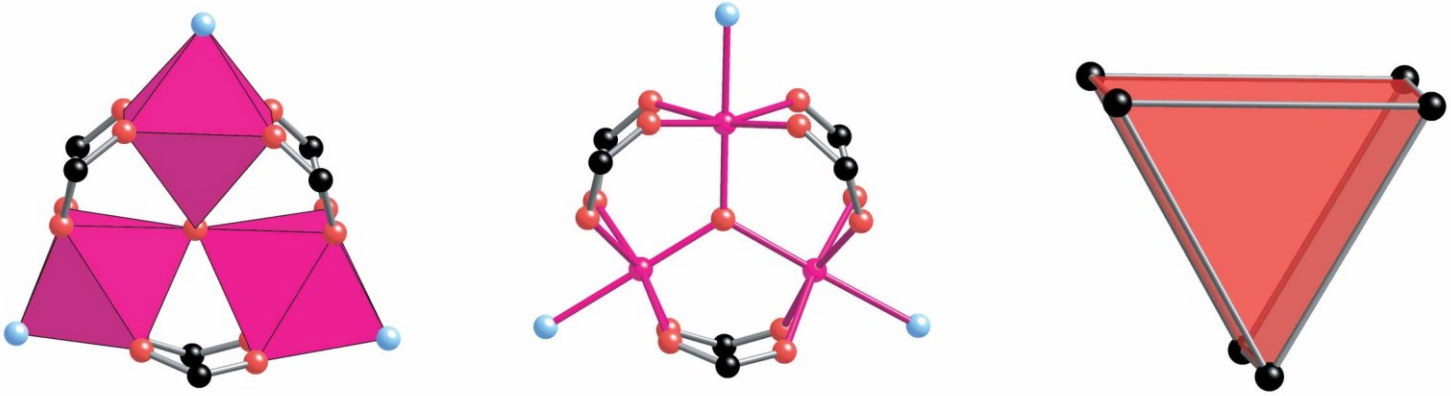


$Cr_2(CO_2)_4(N)_2$

$Cr_2(CH_3CO_2)_4(C_5H_5N)_2$

ACPCRA

F. A. Cotton, T. R. Felthouse *Inorg. Chem.*, **1980**, 19, p 328



$Mn_3(CO_2)_6(O)(N)_3$

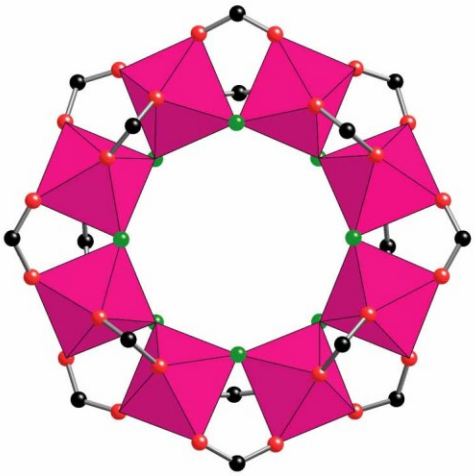
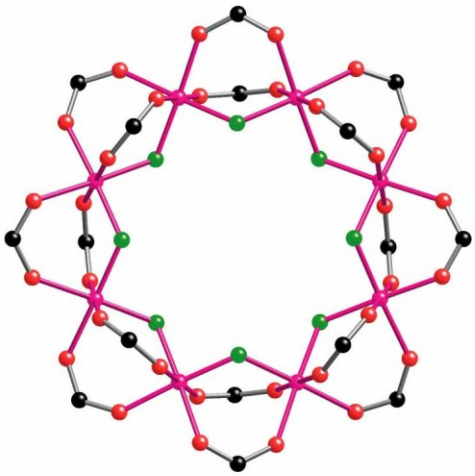
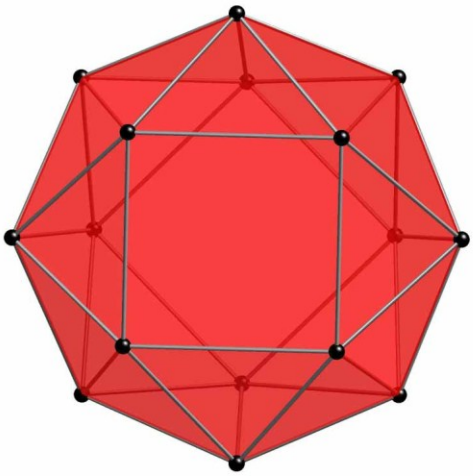
$Mn_3(CH_3CO_2)_6(O)(ClC_5H_4N)_3$

ACPYMN

A. R. E. Baikie et al *Chem. Commun.*, **1980**, p 684

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

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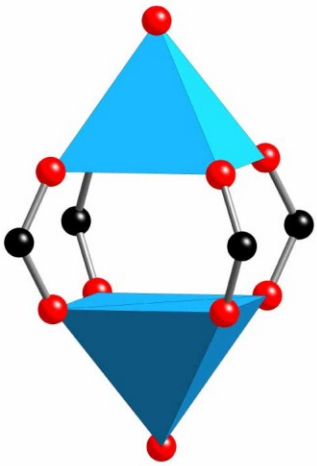
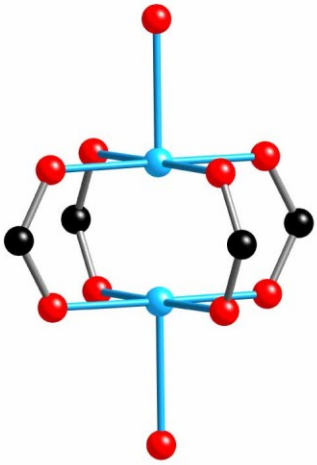




$Cr_8(CO_2)_{16}(F)_8$

$Cr_8[(CH_3)_3CCO_2]_{16}(F)_8$

ADIZOC

J. van Slageren et al *Chem. Eur. J.*, **2002**, 8, p 277

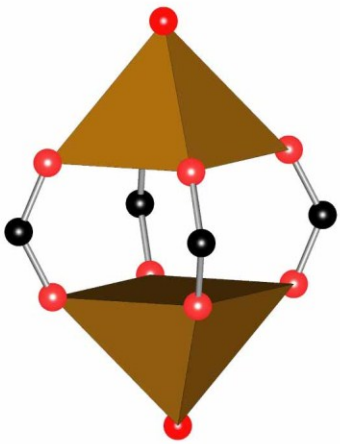
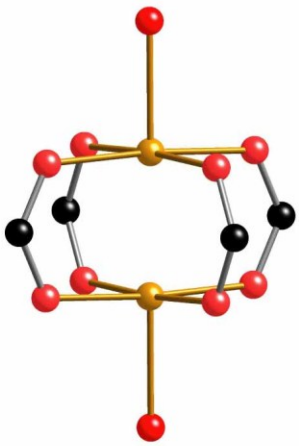




$Zn_2(CO_2)_4(O)_2$

$Zn_2(CF_3CO_2)_4(CF_3COO)_2$

AGAHEV

F. Demirhan et al *J. Chem. Soc., Dalton Trans.*, **2002**, p 2109


$Fe_2(CO_2)_4(O)_2$

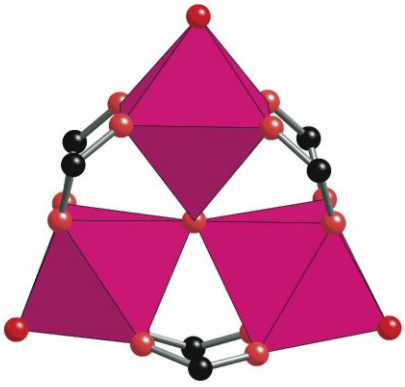
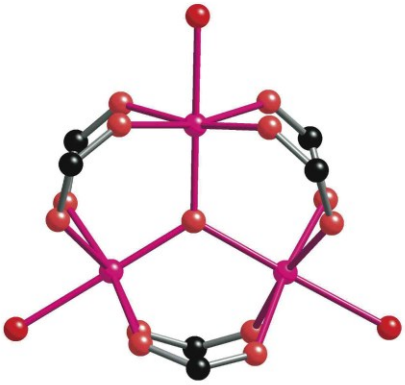
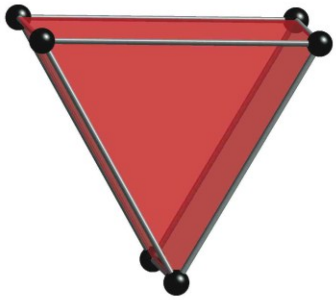
$Fe_2[O_2CC_6H_4C_6H_4CO_2]_4[(CH_3)_2NCHO]_2$

AGAXIP

M. Eddaoudi et al *Proc. Nat. Acad. Sci. USA*, **2002**, 99, p 4900

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

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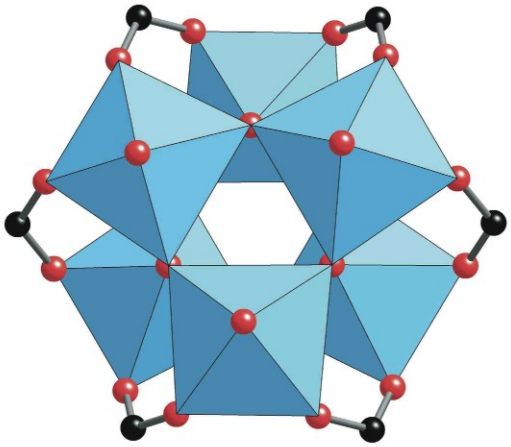
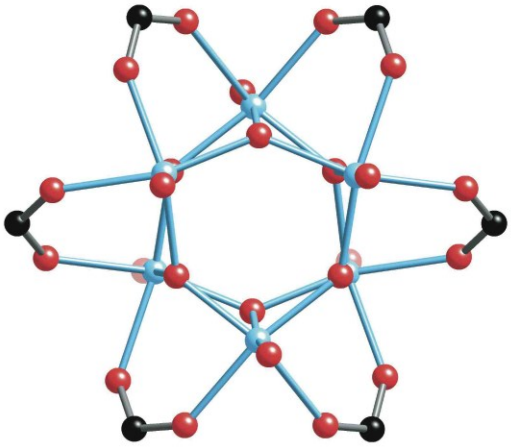
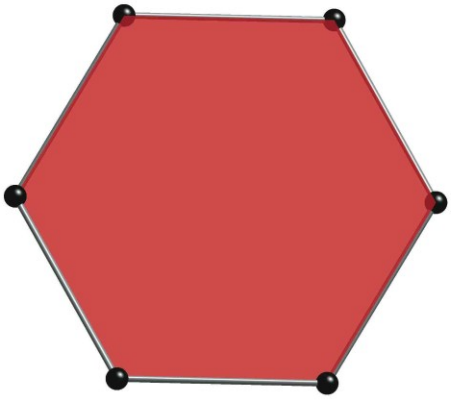




AHMNAC

$Mn_3(CO_2)_6(O)(O)_3$

$Mn_3(CH_3CO_2)_6(O)(CH_3COO)_3$

L. W. Hessel, C. Romers *Rec. Trav. Chim. Pays-Bas (Rec. J. R. Neth. Chem. Soc.)*, **1969**, 88, p 545

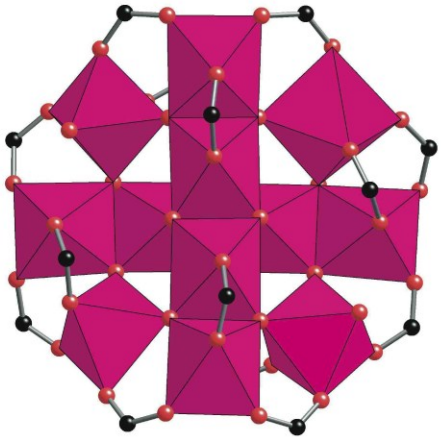
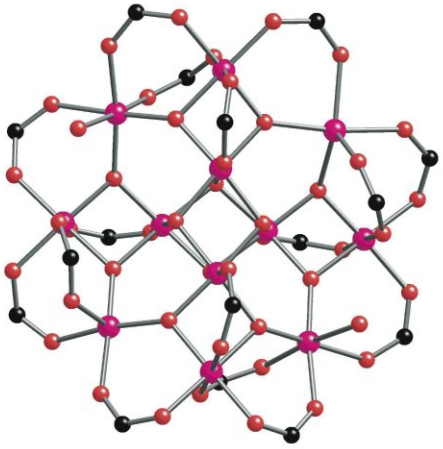
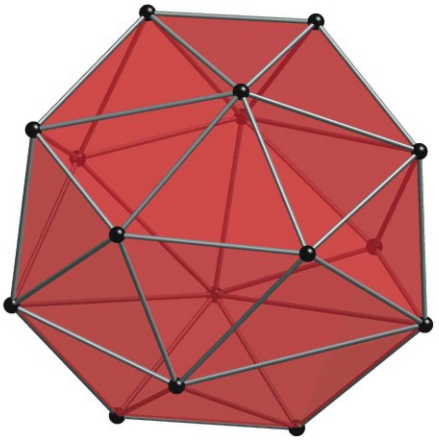




$Ti_6(CO_2)_6(O)_6$

$Ti_6[C_6H_5CO_2]_6[(CH_3)_3CCH_2O]_6$

AJIMAH

P. S. Ammala et al *Inorg. Chim. Acta*, **2003**, 353, p 75

$Mn_{12}(CO_2)_{16}(O)_2(O)_{12}$

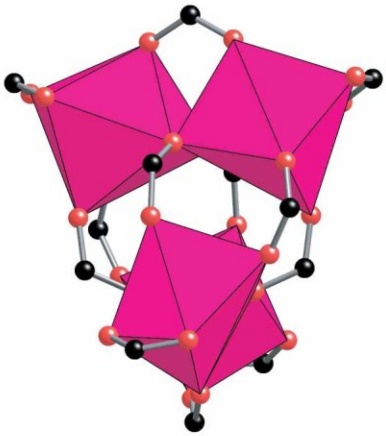
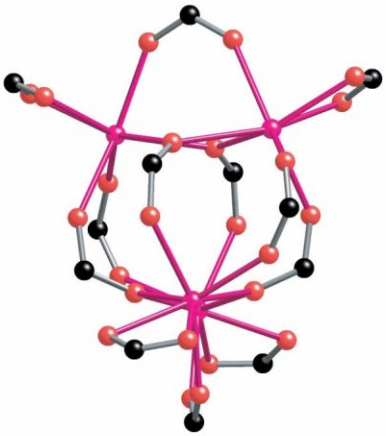
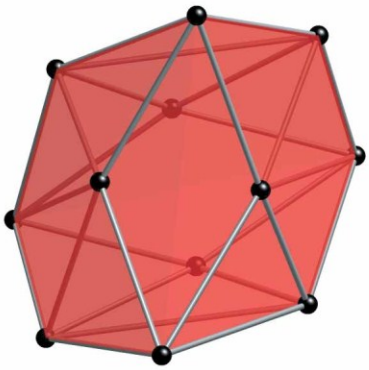
$Mn_{12}(C_4H_3SCO_2)_{16}(H_2O)_2(O)_{12}$

AJIMAH

T. Kuroda-Sowa et al *Polyhedron*, **2003**, 22, p 1795

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

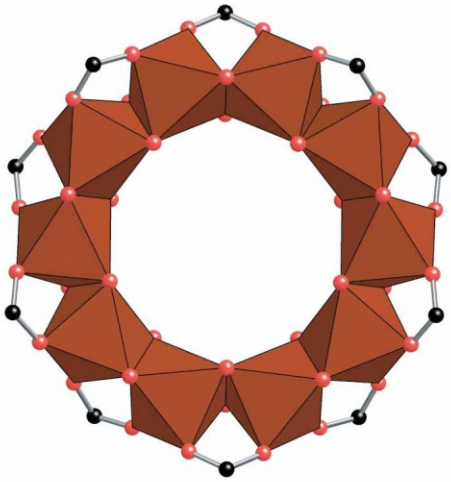
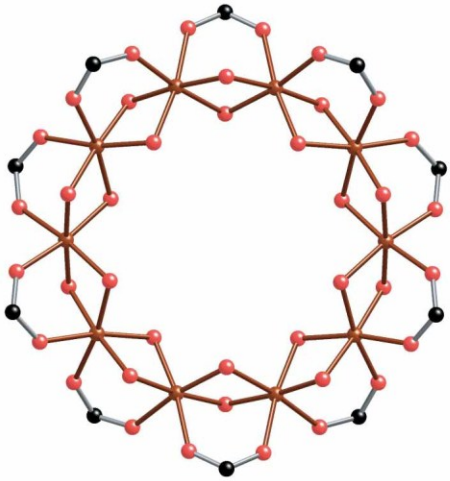
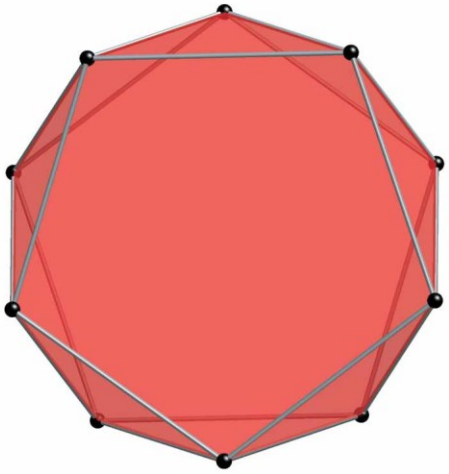
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

$Sm_4(CO_2)_8(CO_2)_4$

$Sm_4[(CH_3CH_2)_2NCO_2]_8[(CH_3CH_2)_2NCO_2]_4$

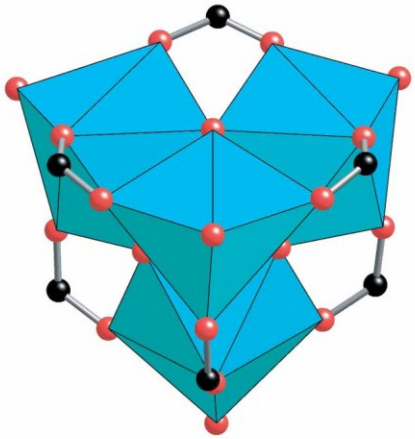
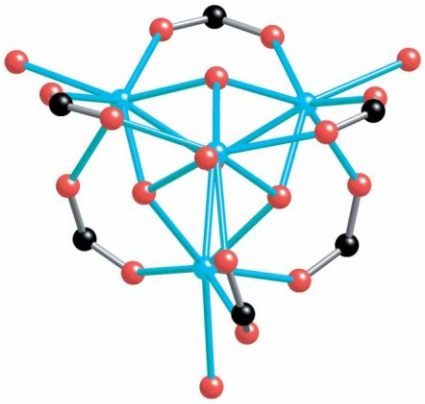
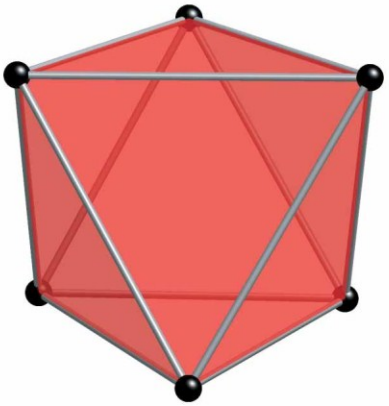
AQEZOL U. Baiisch, W. Schnick *Z. Anorg. Allg. Chem.*, **2003**, 629, p 2073

$V_{10}(CO_2)_{10}(O)_{20}$

$V_{10}(CH_3CO_2)_{10}(CH_3O)_{20}$

AQUPUX R. H. Laye et al *Chem. Eur. J.*, **2003**, 9, p 6215

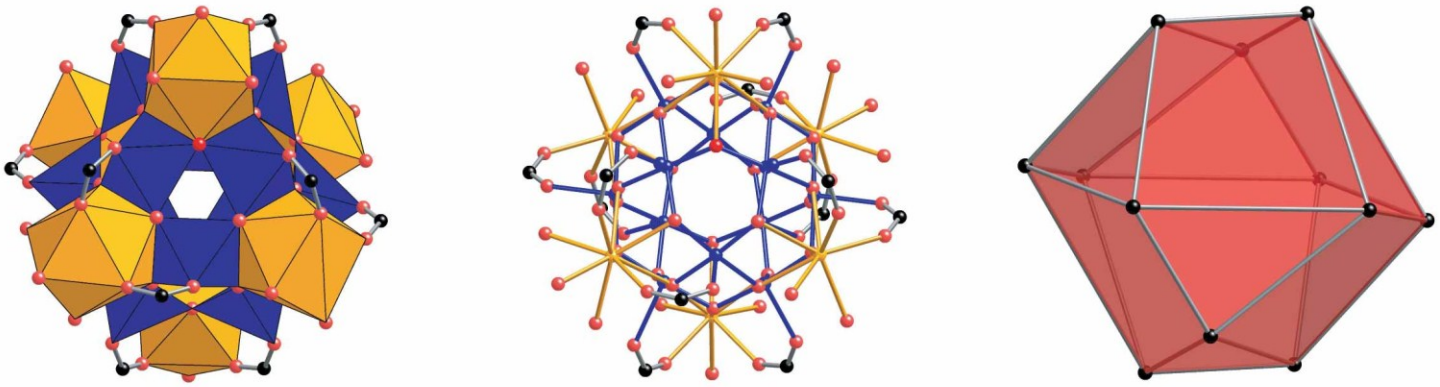
$Yb_4(CO_2)_6(O)_4(O)_4$

$Yb_4[(CH_3)_2CHCH_2(NH_3)CHCO_2]_6[O]_4[H_2O]_4$

AROXEK Jinping Wang et al *Acta Crystallogr. Sect. C*, **2004**, 60, p m143

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

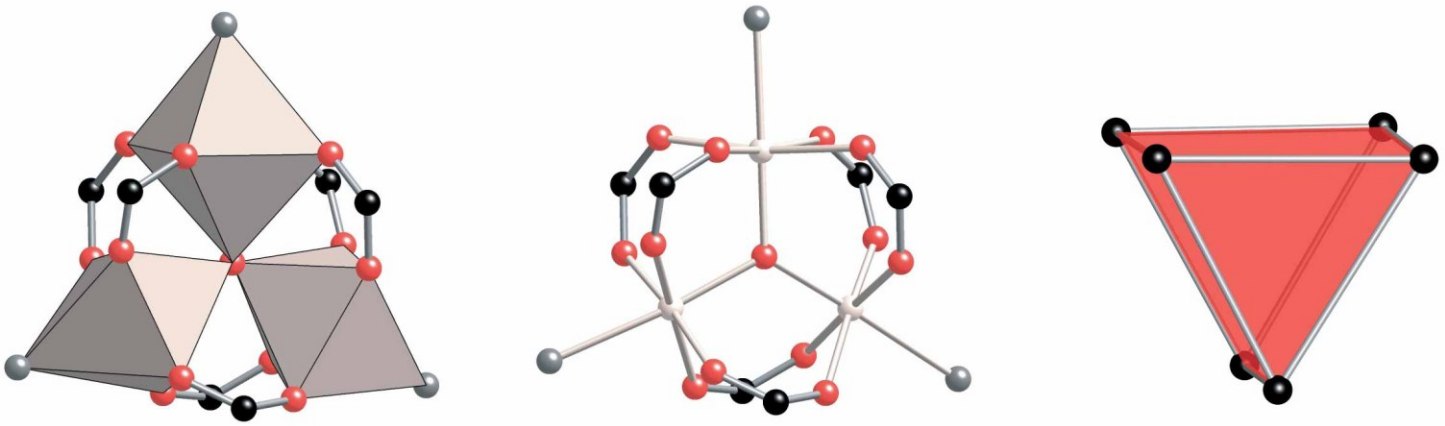


$Cu_{12}Nd_6(CO_2)_{12}(O)_{10}(O)_{24}(O)_2(O)_4$

$Cu_{12}Nd_6[(CH_3)_3NCH_2CO_2]_{12}[H_2O]_{10}[HO]_{24}[O_2NO]_2[(CH_3)_3NCH_2COO)_4$

ASAYOI

Yang-Yi Yang et al *Z. Anorg. Allg. Chem.*, **2004**, 630, p 286

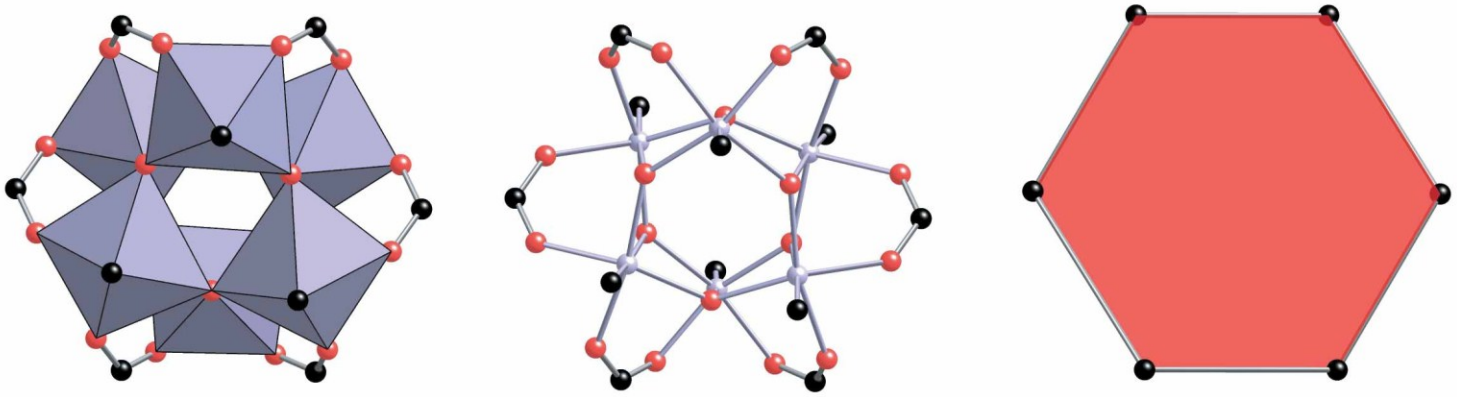


$Ru_3(CO_2)_6(O)(P)_3$

$Ru_3[CH_3CO_2]_6[O][(C_6H_5)_3P]_3$

ATPORU10

F. A. Cotton, J. G. Norman Junior *Inorg. Chim. Acta*, **1972**, 6, p 411



$Sn_6(CO_2)_6(C)_6(O)_6$

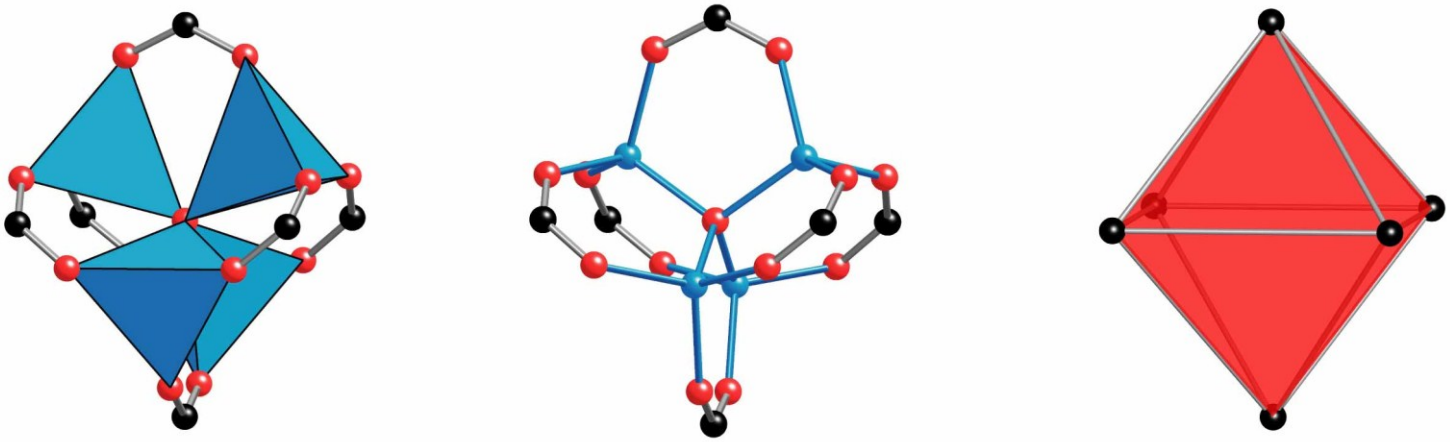
$Sn_6(NC_5H_4CO_2)_6(C_6H_5H_2C)_6(O)_6$

AWIRUT

Handong Yin et al *Indian J. Chem., Sect. B*, **2004**, 43, p 612

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

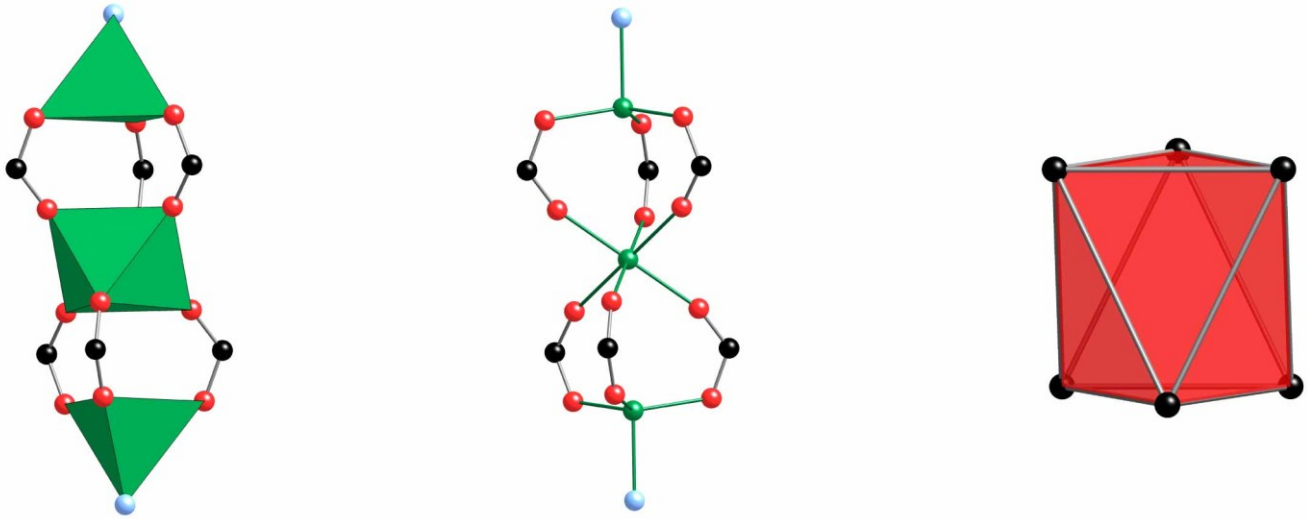


$Zn_4(CO_2)_6(O)$

$Zn_4(CH_3CO_2)_6(O)$

AXUBAW

H. Kovama, Y. Saito *Bull. Chem. Soc. Jpn.*, **1954**, 27, p 112

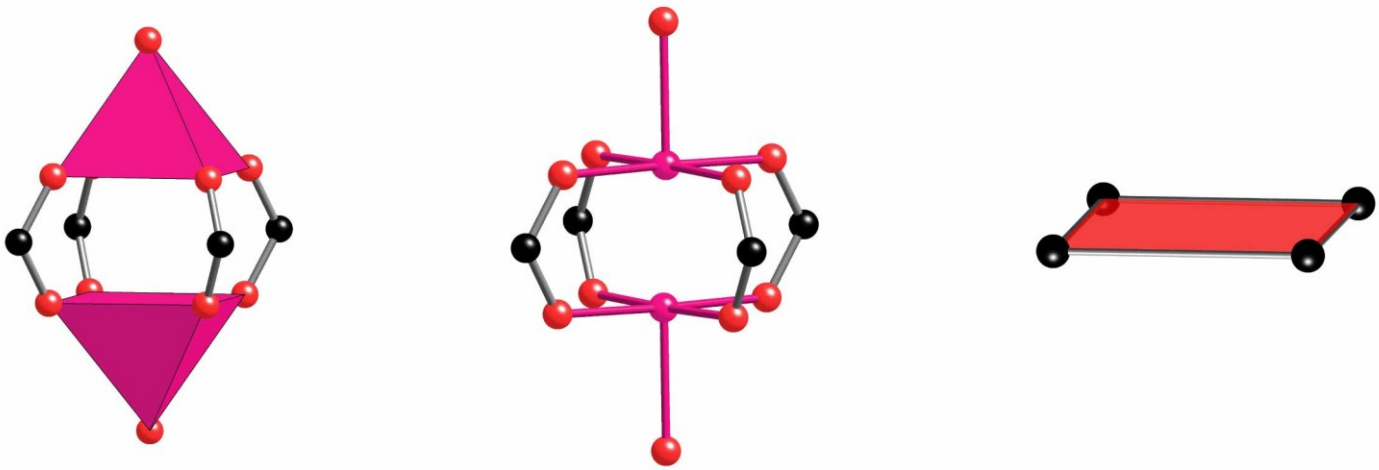


$Co_3(CO_2)_6(N)_2$

$Co_3[(CH_3)_3CCO_2]_6[(CH_3CH_2)_3N)_2$

AZENAU

S. E. Nefedov *Russ. Chem. Bull.*, **2004**, p 249



$Mn_2(CO_2)_4(O)_2$

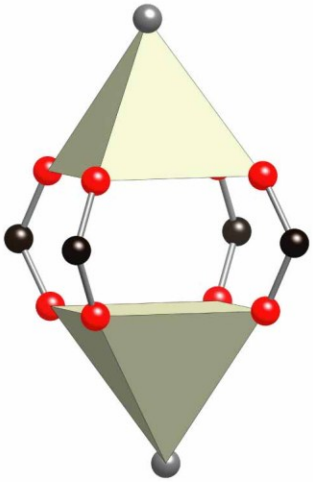
$Mn_2[(CH_3)_3CCO_2]_4[(CH_3)_3CCOO]_2$

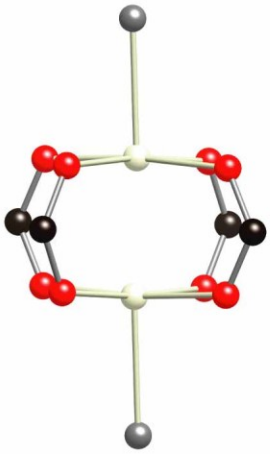
AZICOB

E. V. AmelChenkova et al *Mendeleev Commun.*, **2004**, p 103

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283





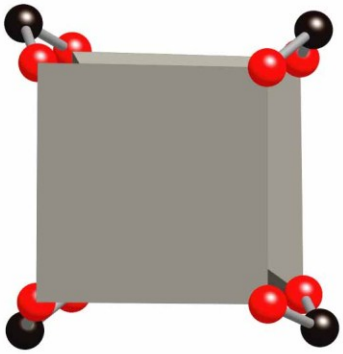


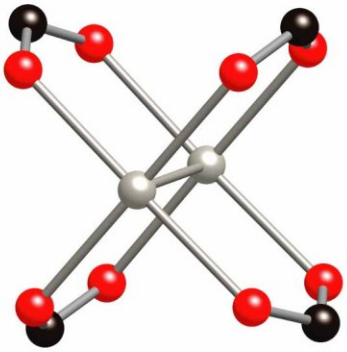
$Rh_2(CO_2)_4(P)_2$

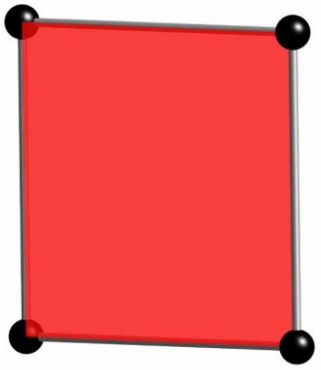
$Rh_2(CH_3CO_2)_4(PC_6H_5)_2$

BAMMEH

G. G. Christoph et al *Inorg. Chem.*, **1981**, 20, p 3029





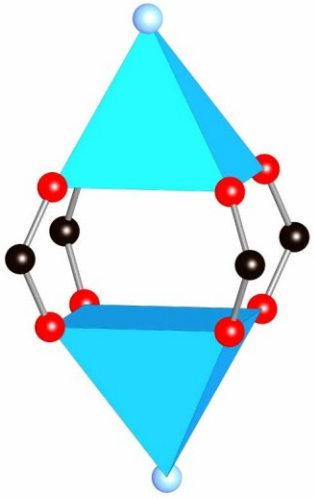


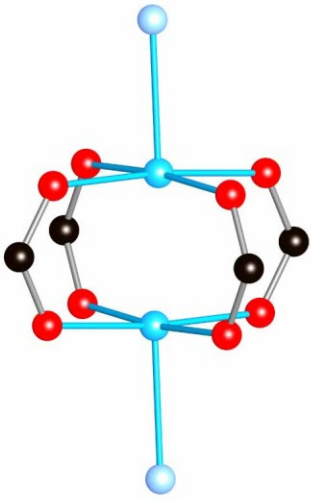
$W_2(CO_2)_4$

$W_2(CF_3CO_2)_4$

BANCIC

A. P. Sattelberger et al *J. Am. Chem. Soc.*, **1981**, 103, p 2880







$Zn_2(CO_2)_4(N)_2$

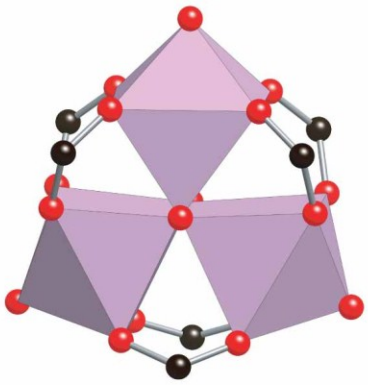
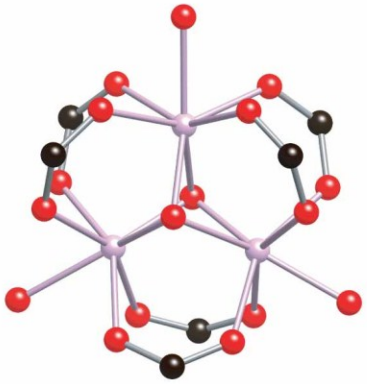
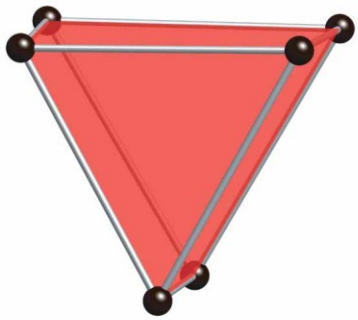
$Zn_2(m\text{-}O_2CC_6H_4CO_2)_4(C_9H_7N)_2$

BARZAW

B. Moulton et al *Chem. Commun.*, **2003**, p 1342

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

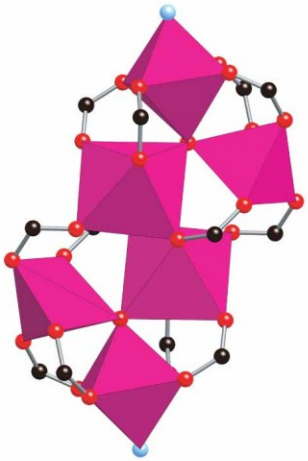
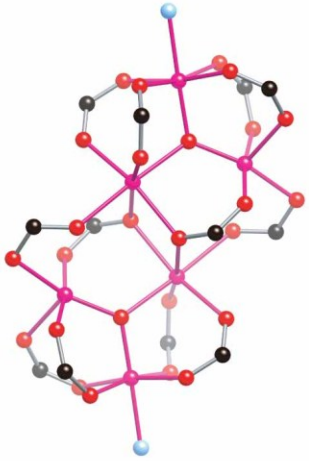
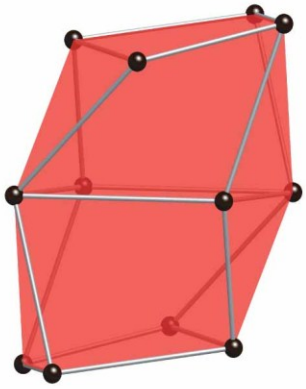
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

$Mo_3(CO_2)_6(O)_3(O)_2$

$Mo_3(CH_3CH_2CO_2)_6(H_2O)_3(O)_2$

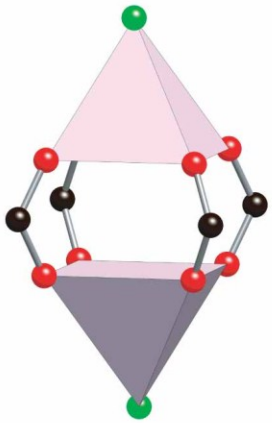
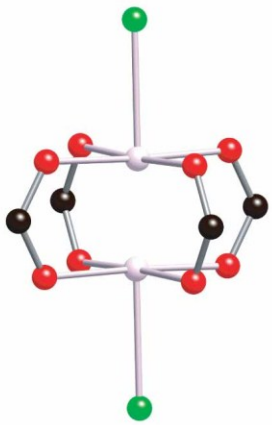
BATMIS A. Bino, D. Gibson *J. Am. Chem. Soc.*, **1981**, 103, p 6741

$Mn_6(CO_2)_{12}(N)_2(O)_2$

$Mn_6(C_6H_5CO_2)_{12}(C_5H_5N)_2(O)_2$

BAYXOP D. M. Low et al *Chem. Commun.*, **2003**, p 2330

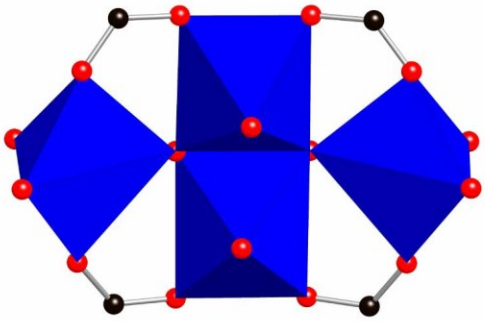
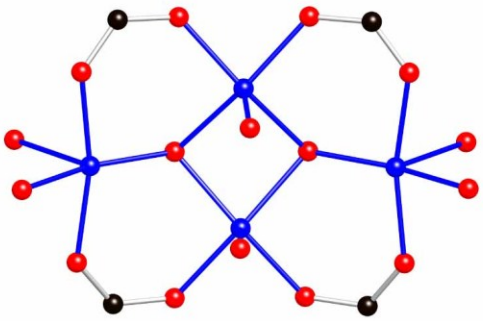
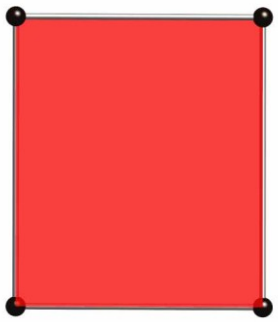

$Tc_2(CO_2)_4$

$Tc_2(CH_3CO_2)_4$

BAZTUR P. A. Kozmin et al *Koord. Khim. (Russ.)(Coord. Chem.)*, **1981**, 7, p 1719

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

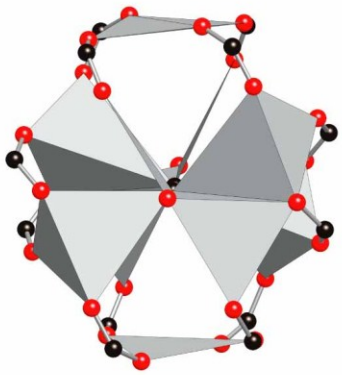
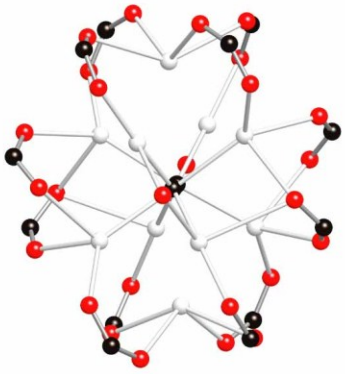
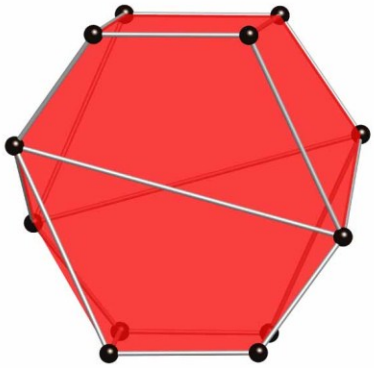




$Cu_4(CO_2)_4(O)_2(O)_2(O)_4$

$Cu_4(ONC_5H_4CO_2)_4(HO)_2(SO_4)(H_2O)_4$

BEGZAO

P. Knuuttila *Inorg. Chim. Acta*, **1982**, 58, p 201

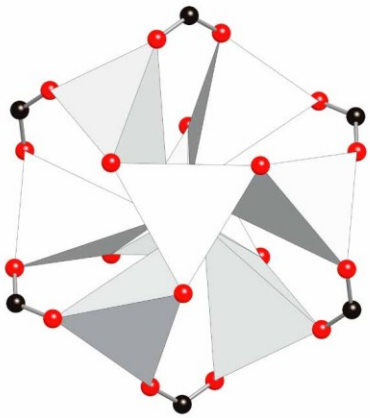
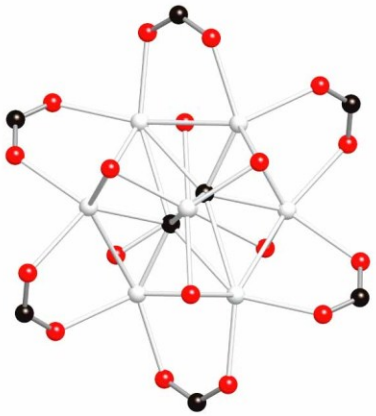
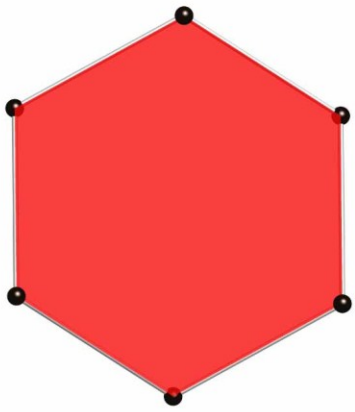




$Ag_{10}(CO_2)_{12}(O)_2(C_2)$

$Ag_{10}(CF_3CO_2)_{12}(NC_9H_7O)_2(C_2)$

BEJRIS

Xiao-Li Zhao et al *Inorg. Chem.*, **2003**, 42, p 7872

$Ag_8(CO_2)_6(O)_6$

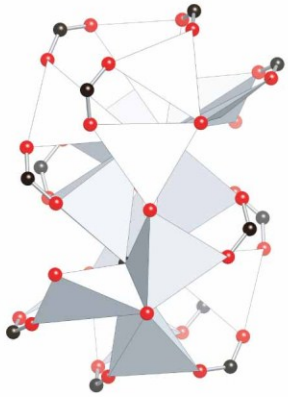
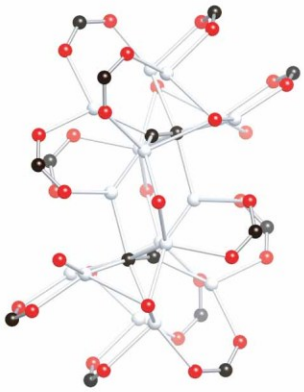
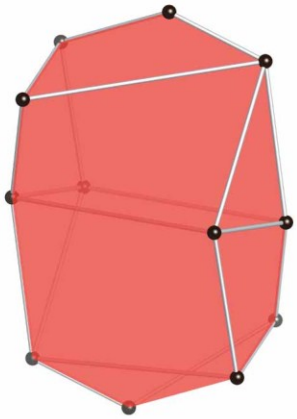
$Ag_8(CF_3CO_2)_6(NHC_9H_6O)_6$

BEJROY

Xiao-Li Zhao et al *Inorg. Chem.*, **2003**, 42, p 7872

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

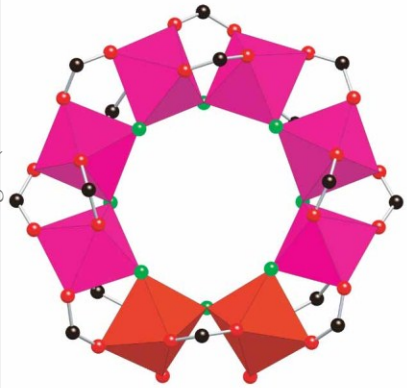
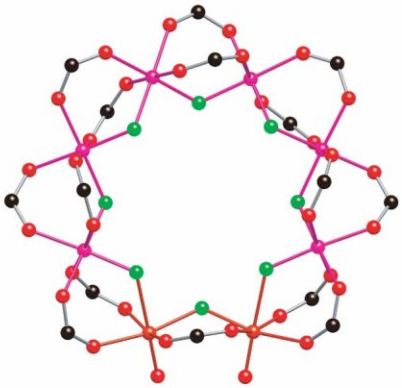
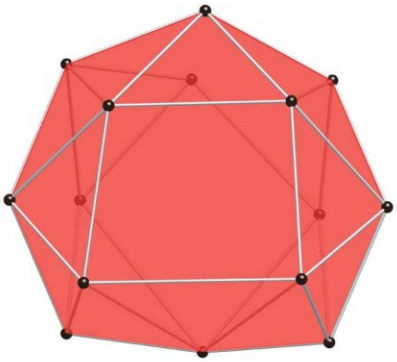
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

$Ag_{16}(CO_2)_{12}(O)_6(C_2)_2(O)_2$

$Ag_{16}(CF_3CF_2CO_2)_{12}(NHC_9H_6O)_6(C_2)_2(H_2O)_2$

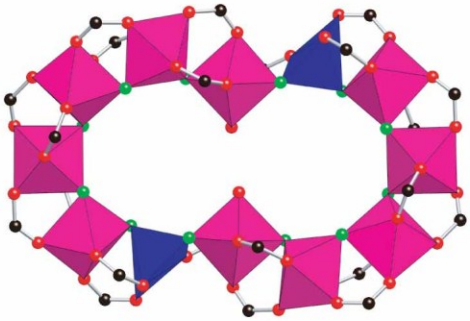
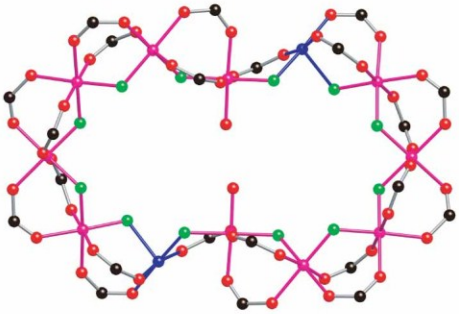
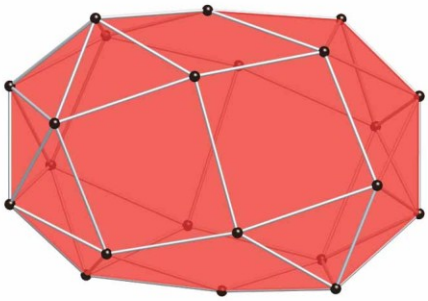
BEJRUE Xiao-Li Zhao et al *Inorg. Chem.*, **2003**, 42, p 7872

$Cr_6V_2(CO_2)_{15}(F)_8(O)_2$

$Cr_6V_2((CH_3)_3CCO_2)_{15}(F)_8(O)_2$

BEMCIG F. K. Larsen et al *Angew.Chem.,Int.Ed.*, **2003**, 42, p 5978

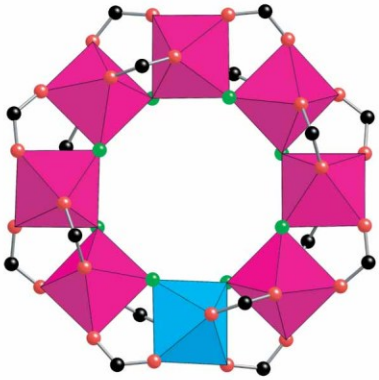
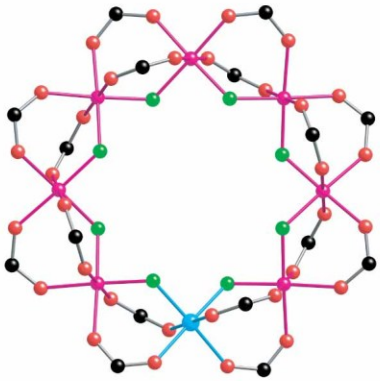
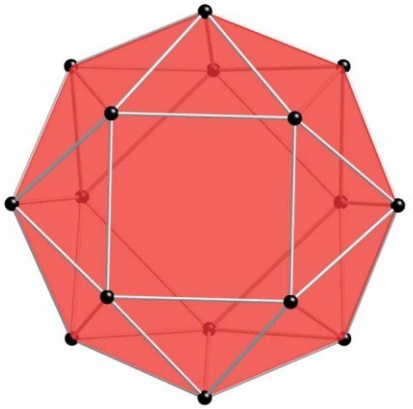
$Cr_{10}Cu_2(CO_2)_{22}(F)_{12}(O)_2$

$Cr_{10}Cu_2[(CH_3)_3CCO_2]_{22}[F]_{12}[O]_2$

BEMCOM F. K. Larsen et al *Angew.Chem.,Int.Ed.*, **2003**, 42, p 5978

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

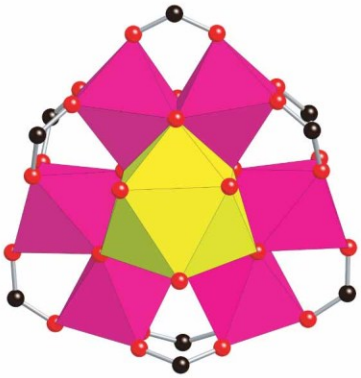
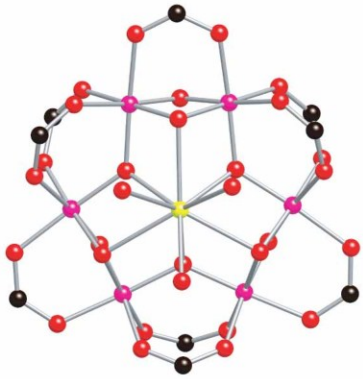
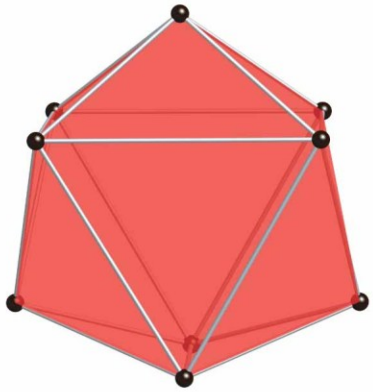
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

$Cr_7Zn(CO_2)_{16}(F)_8$

$Cr_7Zn((CH_3)_3CCO_2)_{16}(F)_8$

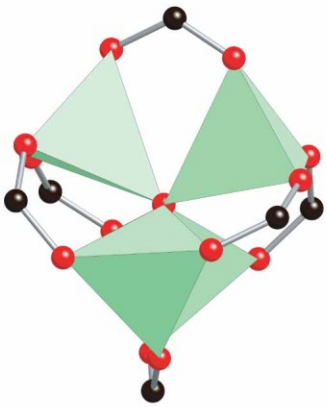
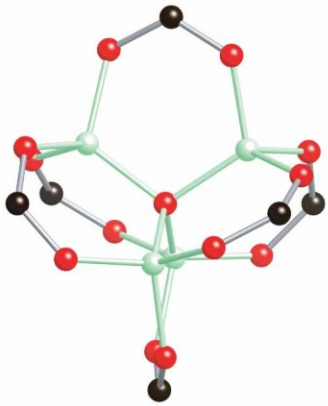
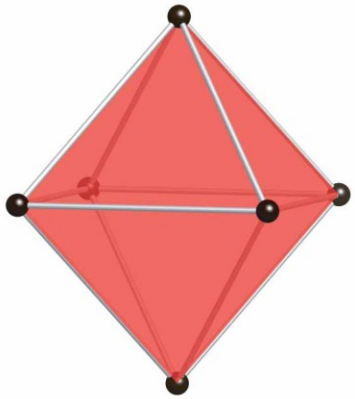
BEMCUS F. K. Larsen et al *Angew.Chem.,Int.Ed.*, **2003**, 42, p 5978

$Mn_6Ce(CO_2)_9(O)_6(O)_3(O)_2(O)$

$Mn_6Ce(CH_3CO_2)_9(O)_6(O)_3(H_2O)_2(CH_3OH)$

BEMPAL A. J. Tasiopoulos et al *Angew.Chem.,Int.Ed.*, **2004**, 43, p 345

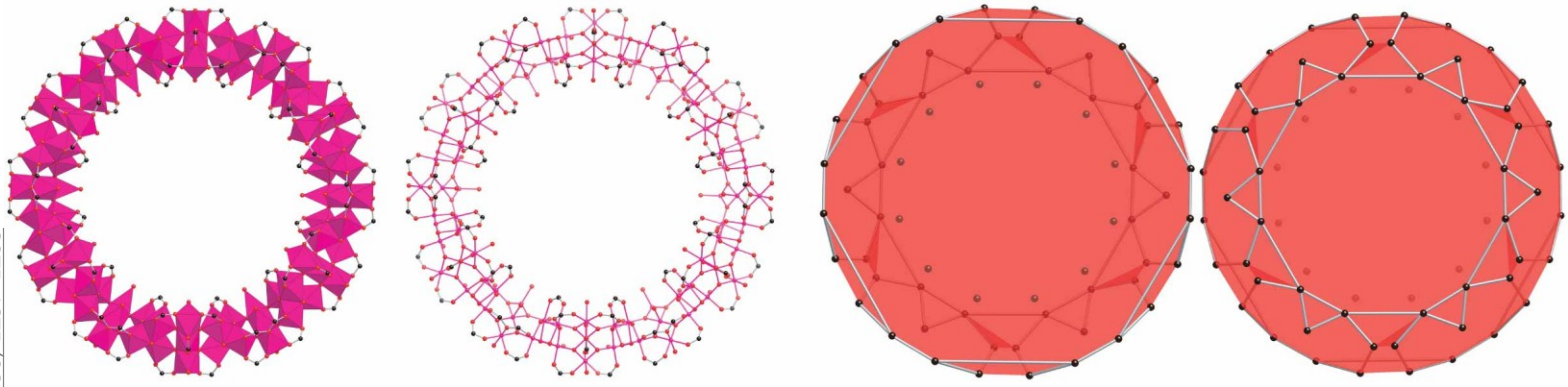
$Be_4(CO_2)_6(O)$

$Be_4(CH_3CO_2)_6(O)$

BEOACT A. Tulinsky et al *Acta Crystallogr.*, **1959**, 12, p 623

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

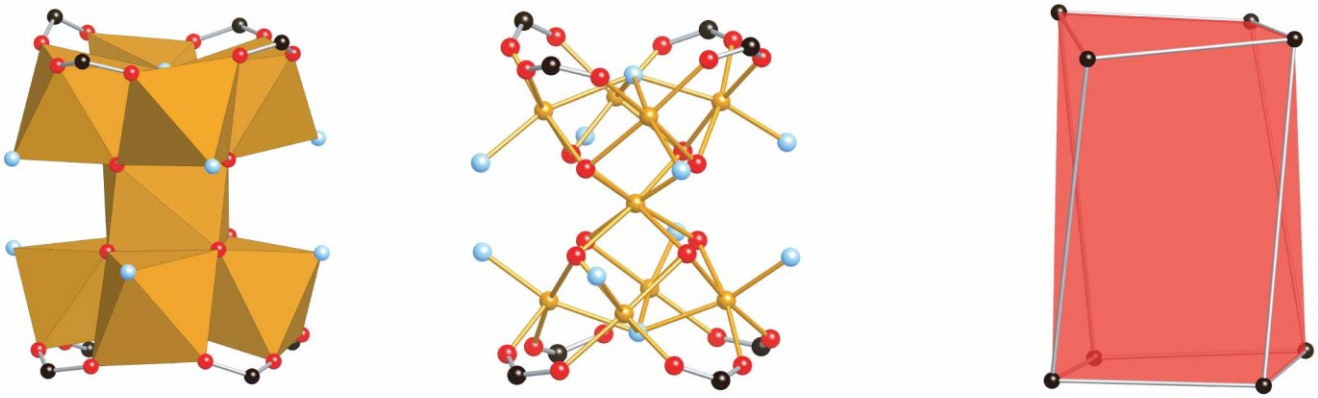
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283



$Mn_{84}(CO_2)_{66}(O)_{72}(O)_{54}(O)_{36}$

$Mn_{84}(CH_3CO_2)_{66}(O)_{72}(H_2O)_{54}(CH_3OH)_{36}$

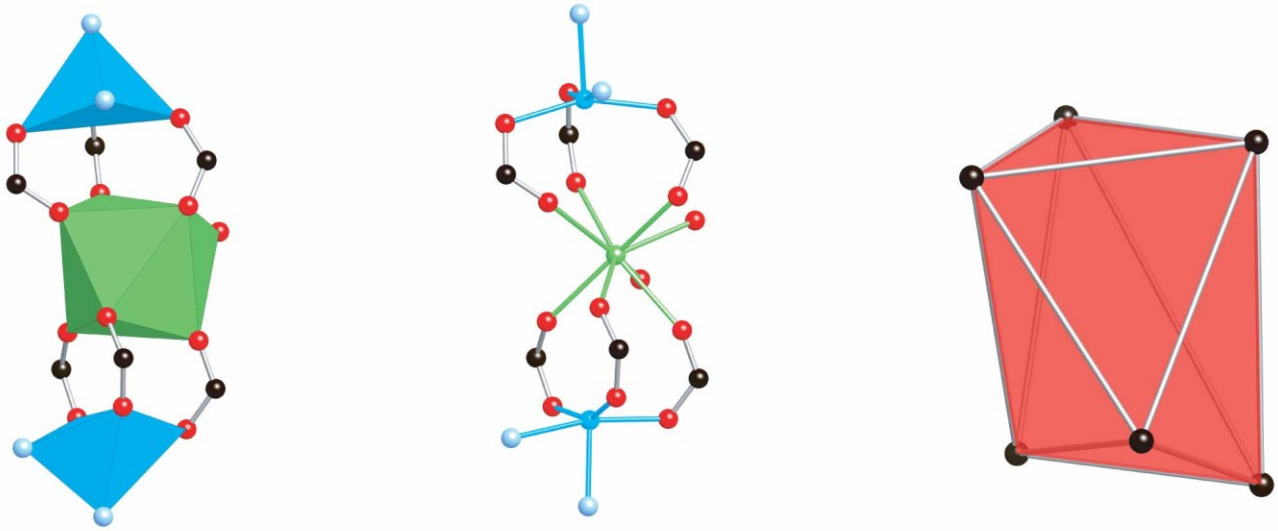
BEQXEB A. J. Tasiopoulos et al *Angew.Chem.,Int.Ed.*, **2004**, 43, p 2117



$Fe_9(CO_2)_8(N)_8(O)_8(N)_2$

$Fe_9(CH_3CO_2)_8(C_5H_4NCO_2C_5H_4N)_4(N_3^-)_2$

BEQYUS A. K. Boudalis et al *Angew.Chem.,Int.Ed.*, **2004**, 43, p 2266



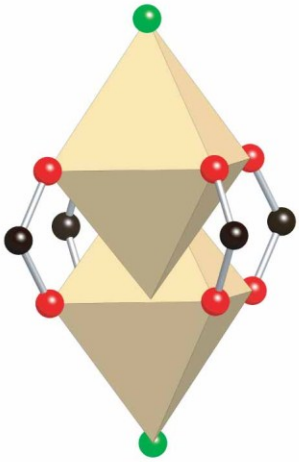
$LaZn_2(CO_2)_6(N_2)_2(O_2)$

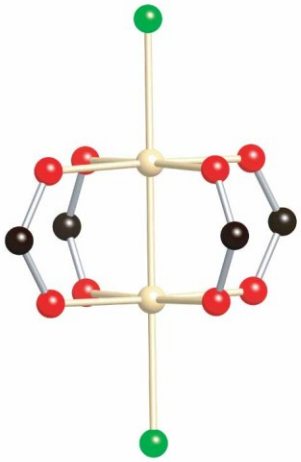
$LaZn_2(CH_3CH_2CCO_2)_6(CH_4NCH_4N)_2(NO_3)$

BEVHOA Yue Zhu et al *Acta Crystallogr., Sect. E.*, **2004**, 60, p m963

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283



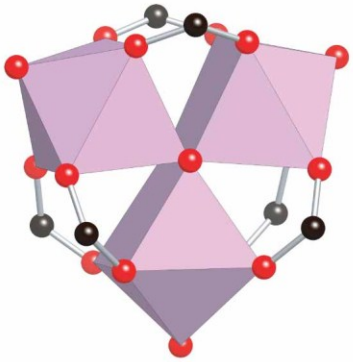


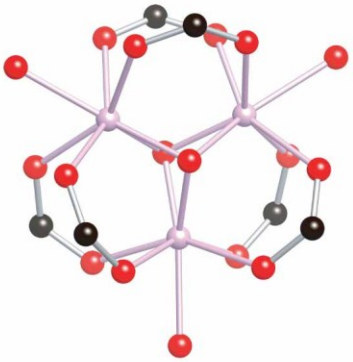


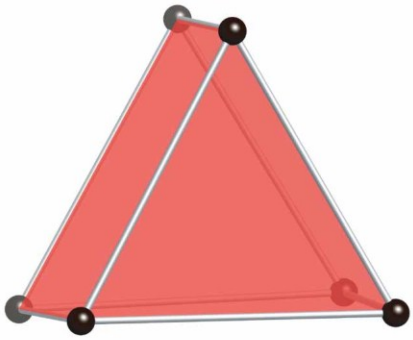
$Os_2(CO_2)_4(Cl)_2$

$Os_2(CH_3CH_2CH_2CO_2)_4(Cl)_2$

BEWHOA T. A. Stephenson et al *J. Organomet. Chem.*, **1982**, 232, p C51



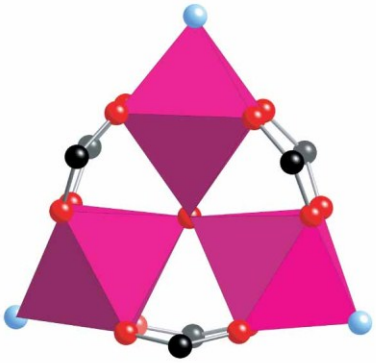


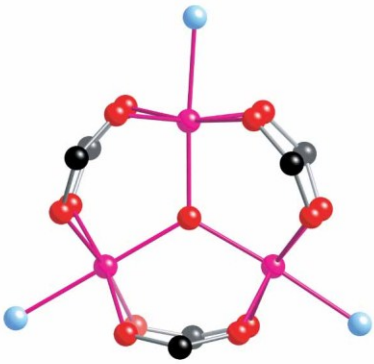


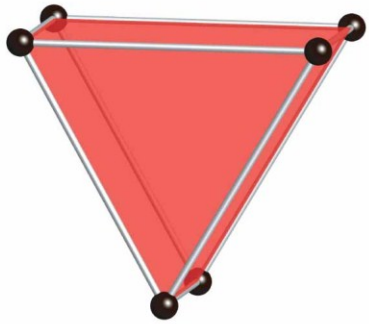
$Mo_3(CO_2)_6(O)_3(O)_2$

$Mo_3(CH_3CH_2CO_2)_6(H_2O)_3(O)_2$

BEXFEP M. Ardon et al *Inorg. Chem.*, **1982**, 21, p 1912







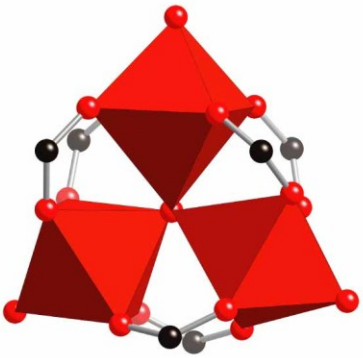
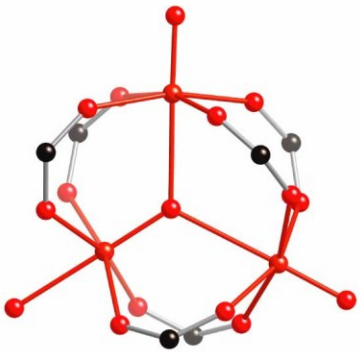
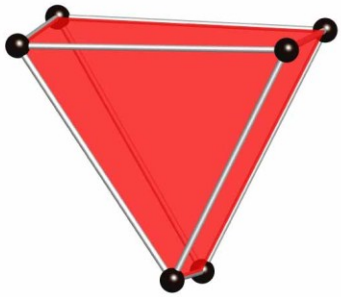
$Cr_3(CO_2)_6(N)_3(O)$

$Cr_3(CHF_2CO_2)_6(C_5H_5N)_3(O)$

BIHSIU F. A. Cotton, W. Wang *Inorg. Chem.*, **1982**, 21, p 2675

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

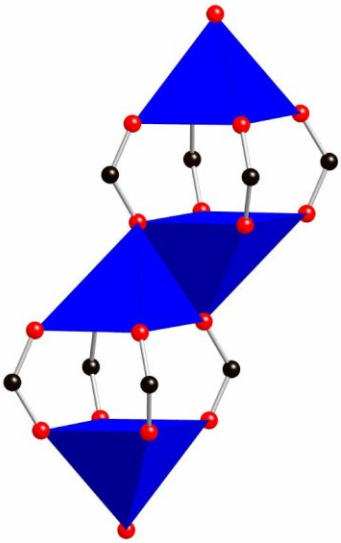
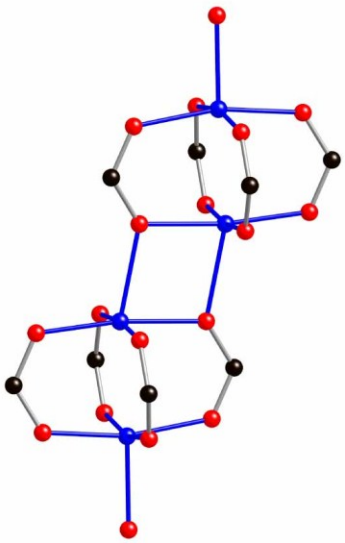
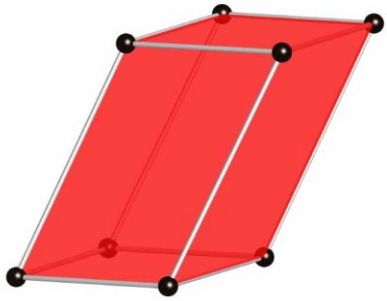




$V_3(CO_2)_6(O)_2(O)$

$V_3(C_6H_5CO_2)_6(O)_2(C_4H_8O)$

BIHSUG

F. A. Cotton et al *Inorg. Chem.*, **1982**, 21, p 3127

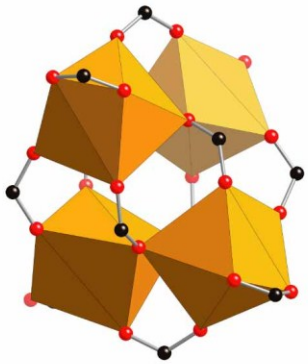
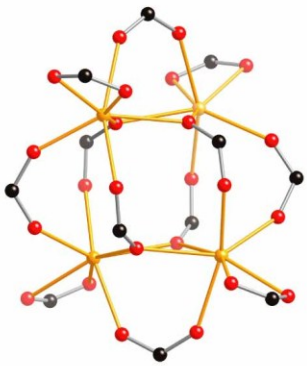
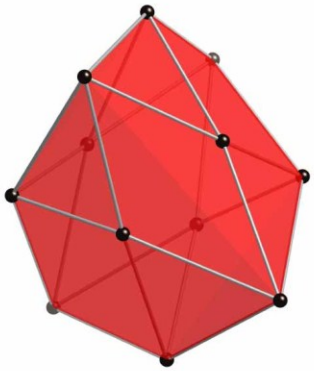




$Cu_4(CO_2)_8(O)_2$

$Cu_4[CH_3(CH_2)_4CO_2]_8[(NH_2)_2CO]_2$

BILRIY

B. Kozlevcar et al *Inorg. Chim. Acta*, **2004**, 357, p 4220

$Nd_4(CO_2)_{12}$

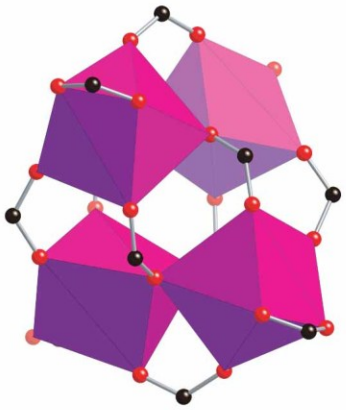
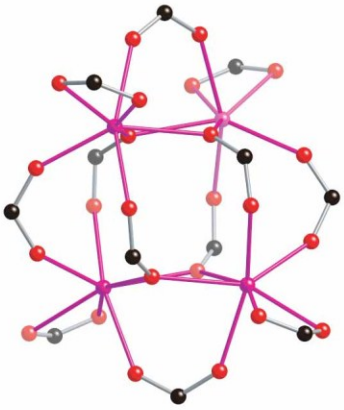
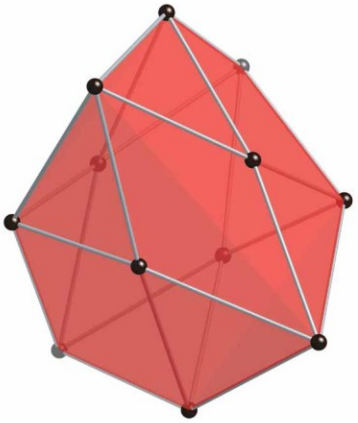
$Nd_4\{[(CH_3)_2CH]_2NCO_2\}_{12}$

BIQGUD

U. Abram et al *Chem. Commun.*, **1999**, p 2053

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

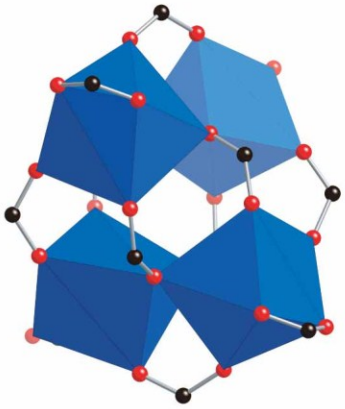
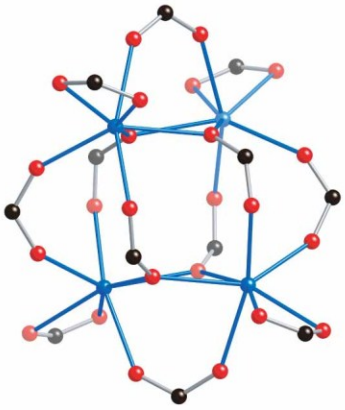
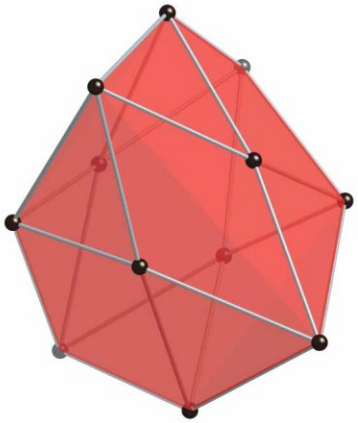




$Gd_4(CO_2)_{12}$

$Gd_4\{[(CH_3)_2CH]_2NCO_2\}_{12}$

BIQHAK

U. Abram et al *Chem. Commun.*, **1999**, p 2053

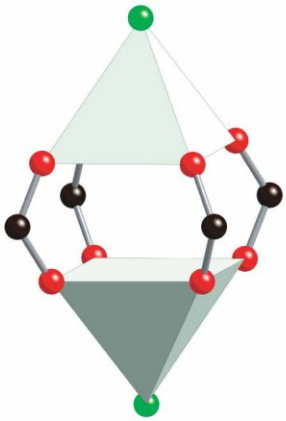
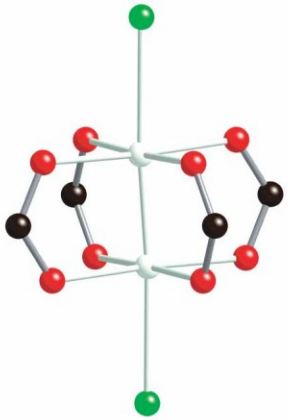




$Ho_4(CO_2)_{12}$

$Ho_4\{[(CH_3)_2CH]_2NCO_2\}_{12}$

BIQHEO

U. Abram et al *Chem. Commun.*, **1999**, p 2053


$Tc_4(CO_2)_4(Cl)$

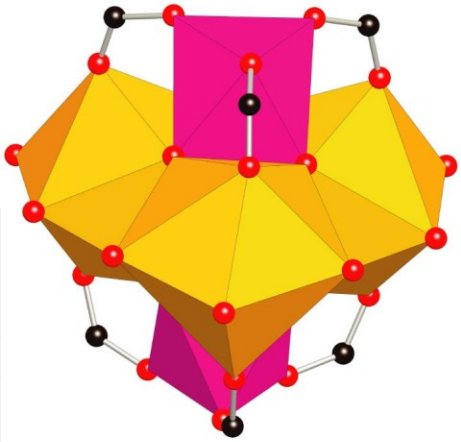
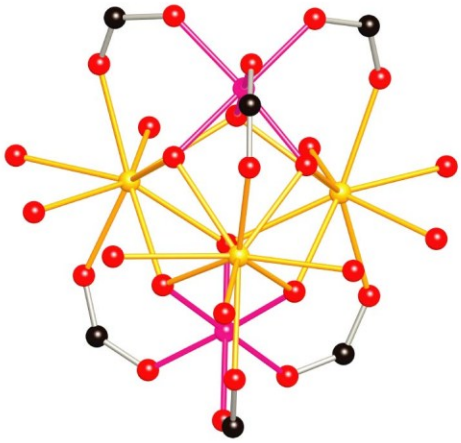
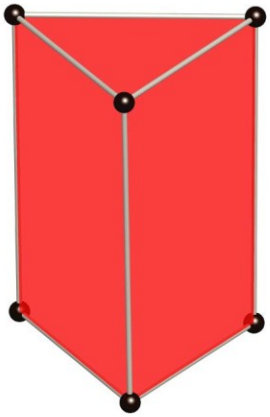
$Tc_4(CH_3CO_2)_4(Cl)$

BITPID

P. A. Kozmin et al *Koord. Khim. (Russ.)(Coord. Chem.)*, **1982**, 8, p 851

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

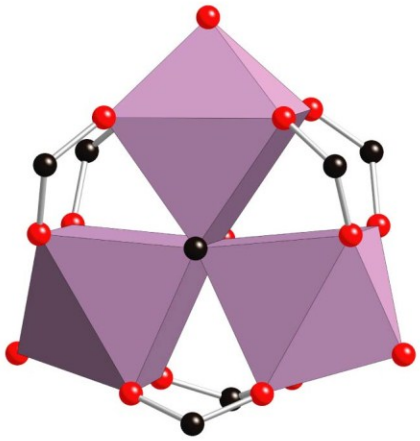
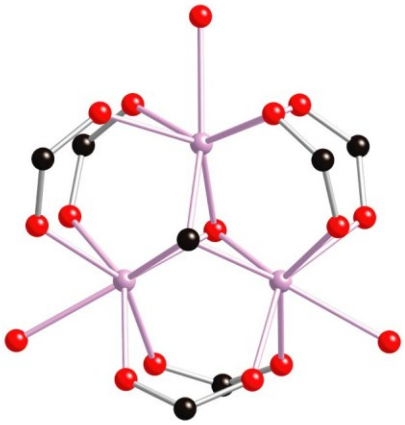
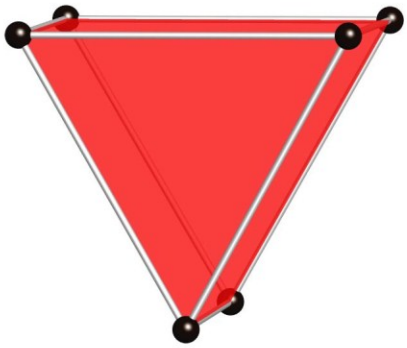
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

$Nd_3Cr_2(CO_2)_6(O)_6(O)_6$

$Nd_3Cr_2(CH_3CO_2)_6(H_2O)_6(HO)_6$

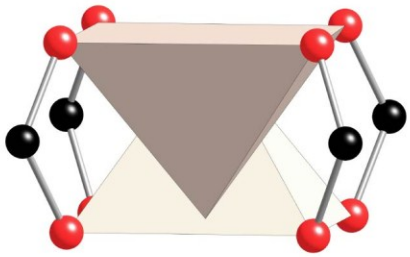
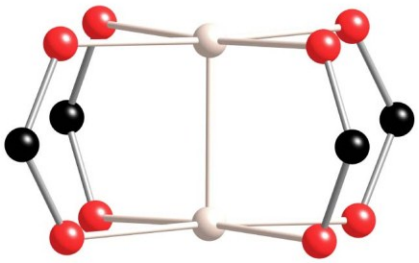
N. Sakagami et al *Chem. Lett.*, **1997**, p 575

$Mo_3(CO_2)_6(O)(CCH_3)(O)_3$

$Mo_3(CH_3CO_2)_6(O)(CCH_3)(H_2O)_3$

A. Bino et al *Inorg. Chem.*, **1982**, 21, p 3750

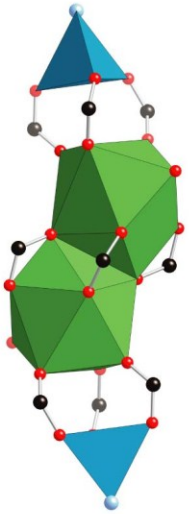
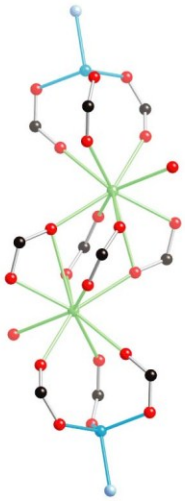
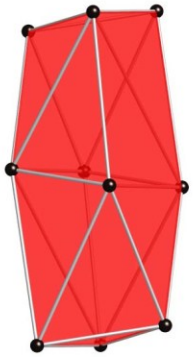

$Ru_2(CO_2)_4$

$Ru_2[CH_3(CH_2)_2CO_2]_4$

V. M. Miskowski et al *Inorg. Chem.*, **1987**, 26, p 1098

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

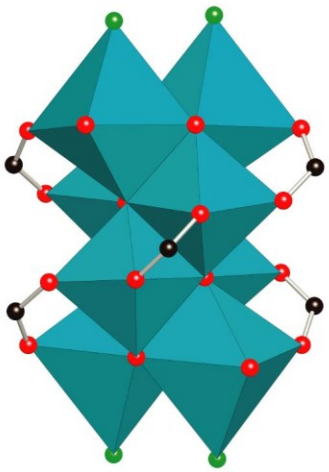
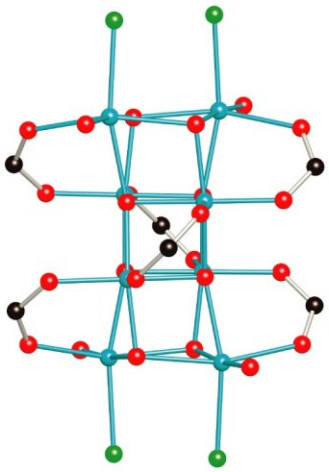
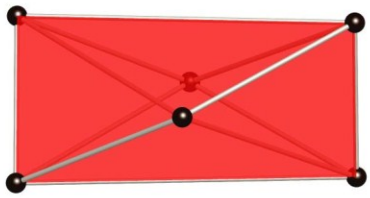
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

$La_2Zn_2(CO_2)_{10}(N)_2(O)_2$

$La_2Zn_2(NCC_6H_4CO_2)_{10}(C_5H_5N)_2(CH_3CH_2OH)_2$

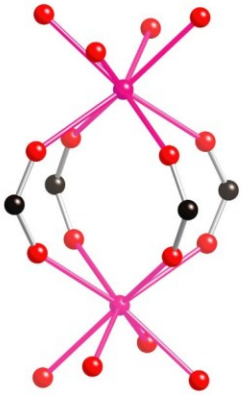
Fa-Kun Zheng et al *Jiegou Huaxue (Chin.) (Chinese J. Struct. Chem.)*, **2001**, 20, p 391

$Co_8(CO_2)_6(O)_4(O)_4(O)_4(Cl)_4$

$Co_8(CH_3CO_2)_6(CH_3O)_4(H_2O)_4(O)_4(Cl)_4$

J. K. Beattie et al *Polyhedron*, **1997**, 16, p 2109

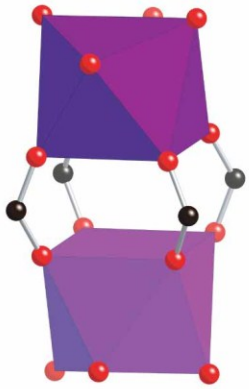



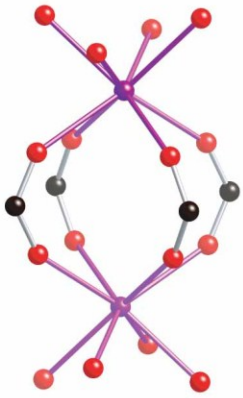

$Eu_2(CO_2)_4(O)_4(O)_4$

$Eu_2[(CH_3)_3NCH_2CO_2]_4[H_2O]_4[(CH_3)_3NCH_2COO]_4$

Guang Yang et al *J. Chem. Cryst.*, **1999**, 29, p 309

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283





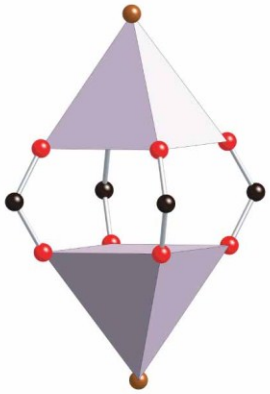


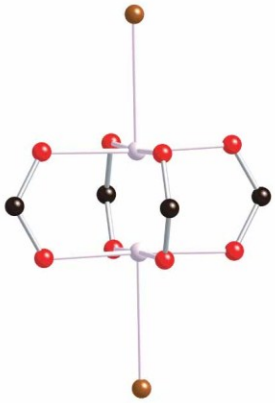
$Tb_2(CO_2)_4(O)_4(O)_4$

$Tb_2[(CH_3)_3NCH_2CO_2]_4[H_2O]_4[(CH_3)_3NCH_2COO]_4$

CAQLAH

Guang Yang et al *J. Chem. Cryst.*, **1999**, 29, p 309





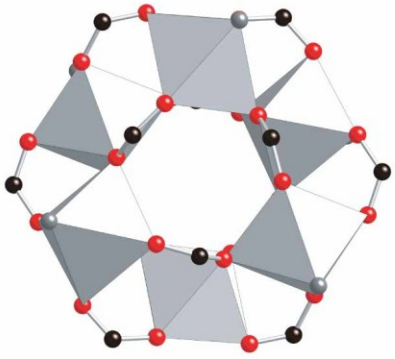


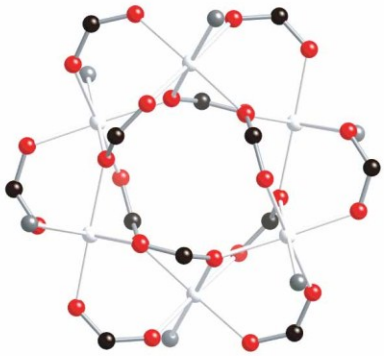
$Tc_2(CO_2)_4(Br)_2$

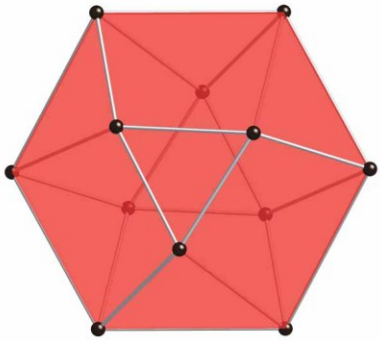
$Tc_2(CH_3CO_2)_4(Br)_2$

CAWBAD

P. A. Kozmin et al *Koord. Khim. (Russ.) (Coord. Chem.)*, **1983**, 9, p 1114







$Ni_6(CO_2)_6(CO_2)_6(P)_6$

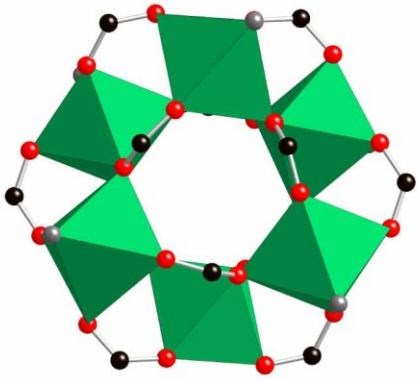
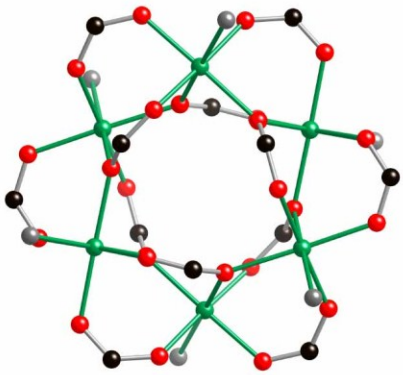
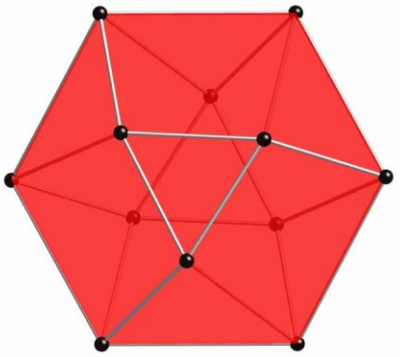
$Ni_6[(C_6H_5)_2PHCH_2CH_2CO_2]_6[(C_6H_5)_2PCH_2CH_2CO_2]_6$

CAWJEP

G. E. Lewis, C. S. Kraihanzel *Inorg. Chem.*, **1983**, 22, p 2895

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

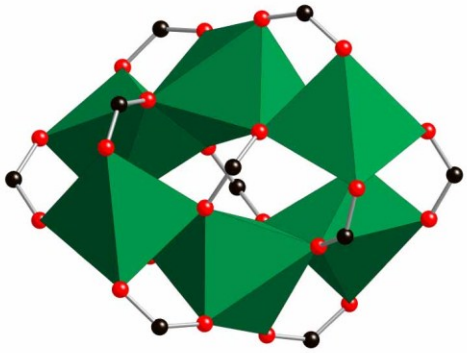
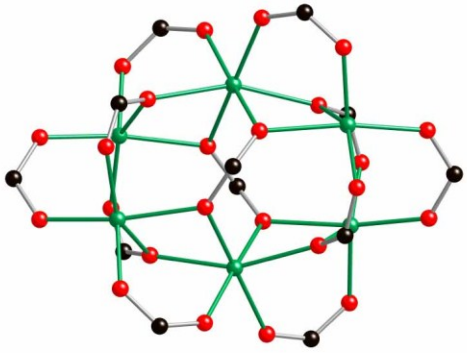
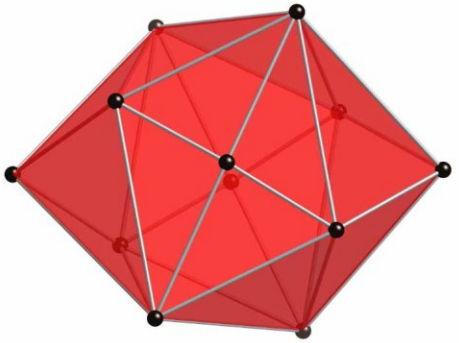
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

$Co_6(CO_2)_6(CO_2)_6(P)_6$

$Co_6[(C_6H_5)_2PHCH_2CH_2CO_2]_6[(C_6H_5)_2PCH_2CH_2CO_2]_6$

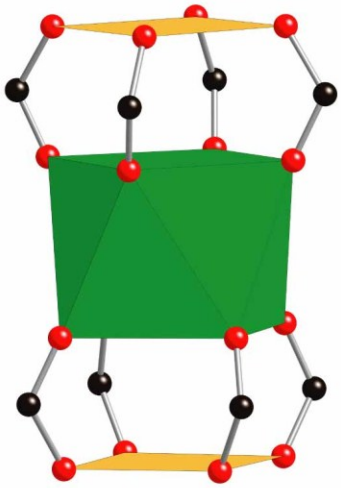
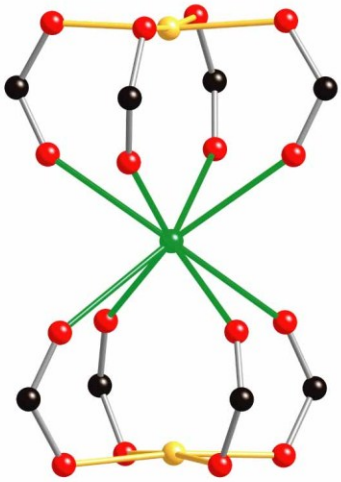
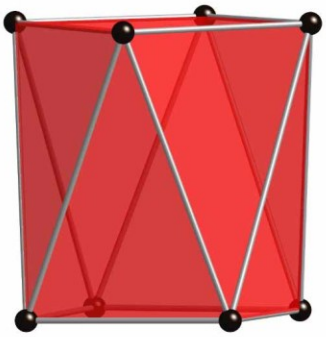
CAWJIT G. E. Lewis, C. S. Kraihanzel *Inorg. Chem.*, **1983**, 22, p 2895

$Co_6(CO_2)_{12}$

$Co_6[(CH_3CH_2)_2NCO_2]_{12}$

CETXUU D. B. Dell'Amico et al *J.Chem.Soc.,Dalton Trans.*, **1984**, p 647

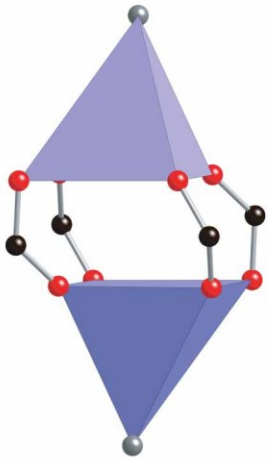
$Au_2Sr(CO_2)_8$

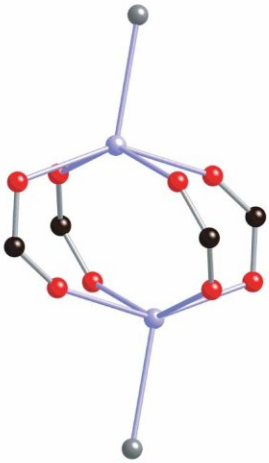
$Au_2Sr(CH_3CO_2)_8$

CEZJUM P. G. Jones *Acta Crystallogr.,Sect.C*, **1984**, 40, p 804

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

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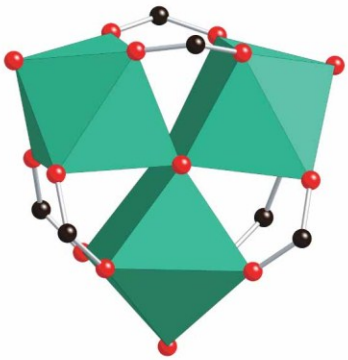


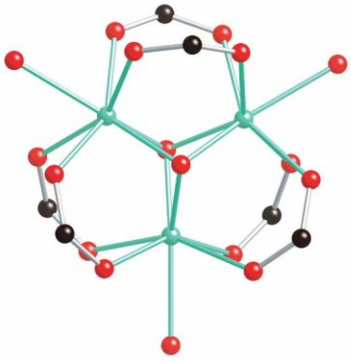
$Cd_2(CO_2)_4(P)_2$

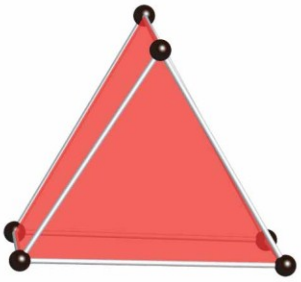
$Cd_2[CF_3CO_2]_4[(C_6H_5)_3P]_2$

CIFGON

T. Allman et al *Inorg. Chem.*, **1984**, 23, p 914





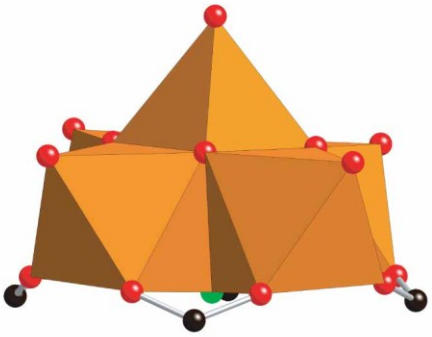


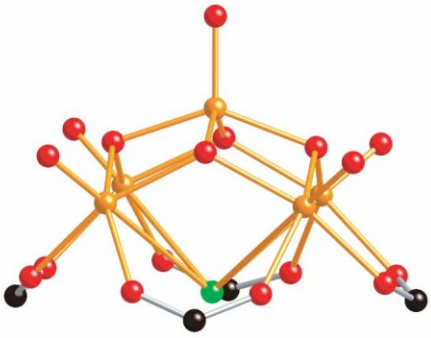
$Nb_3(CO_2)_6(O)_3(O)_2$

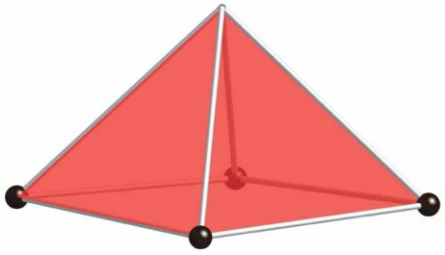
$Nb_3[(CH_3)_3CCO_2]_6[(CH_2)_4O]_3(O)_2$

CIPNEU

F. A. Cotton et al *J. Am. Chem. Soc.*, **1984**, 106, p 3527







$V_5(CO_2)_4(O)_5(O)_4(Cl)$

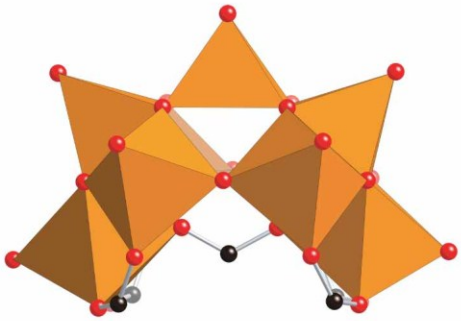
$V_5(CH_3CO_2)_4(O)_5(O)_4(Cl)$

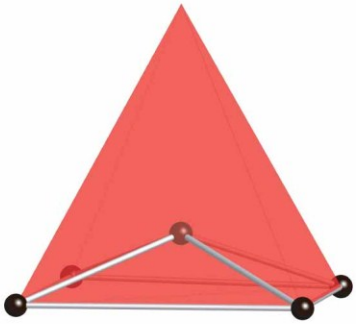
CIQYAC

G. B. Karet et al *Chem. Commun.*, **1999**, p 2249

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

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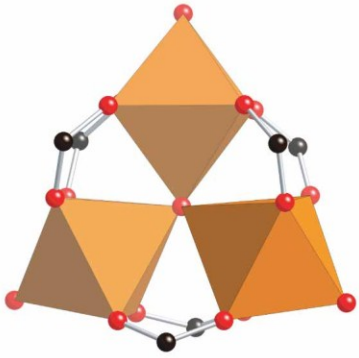
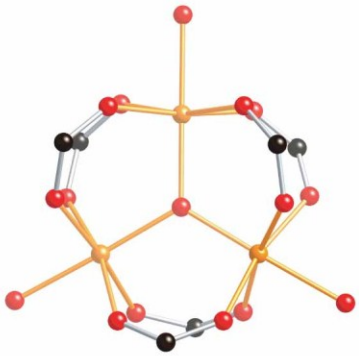
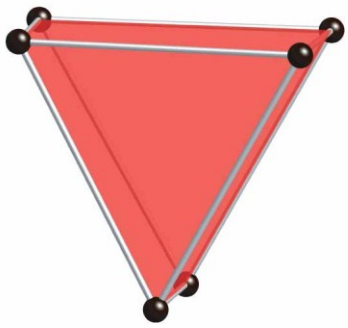




$V_9(CO_2)_5(O)_9(O)_8(O)_2$

$V_9(CH_3CO_2)_5(O)_9(O)_8(O)_2$

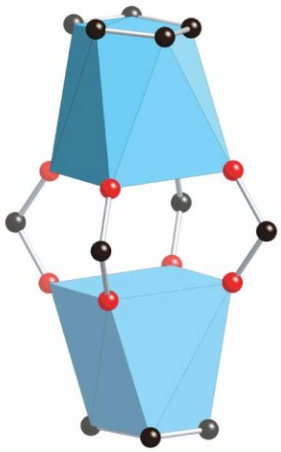
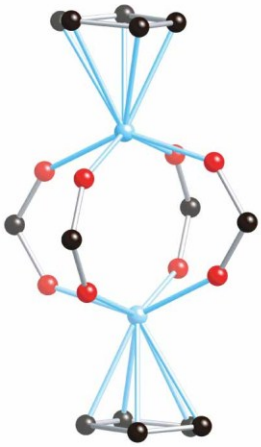
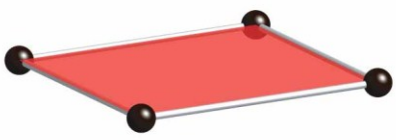
CIQYEG G. B. Karet et al *Chem. Commun.*, **1999**, p 2249

$V_3(CO_2)_6(O)_3(O)$

$V_3(CH_2ClCO_2)_6(H_2O)_3(O)$

CLACTV T. Glowiak et al *Bull. Acad. Pol. Sci.*, **1977**, 25, p 359

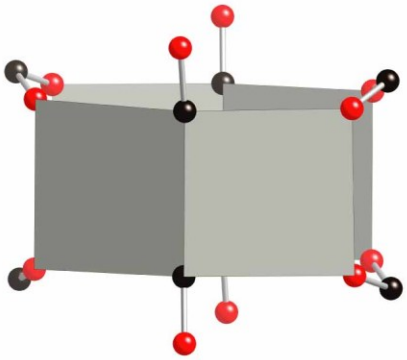
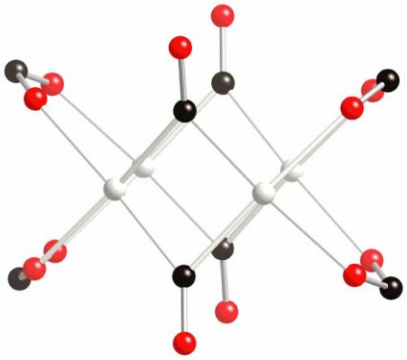
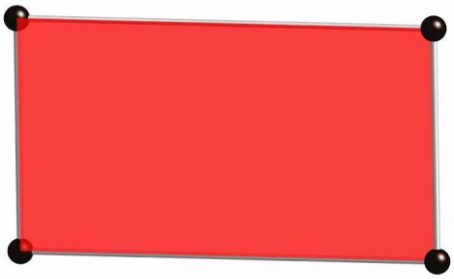
$Ti_2(CO_2)_4(C_5)_2$

$Ti_2(C_6H_5CO_2)_4(C_5H_5)_2$

CPTIBY T. N. Tarkhova et al *Zh. Strukt. Khim. (Russ.)(J. Struct. Chem.)*, **1976**, 17, p 1052

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

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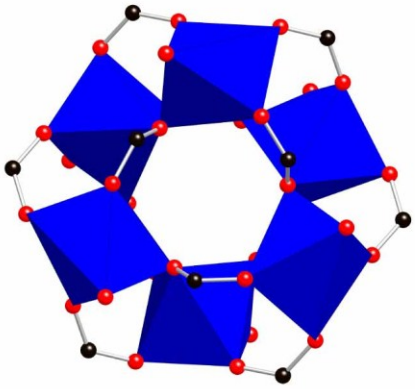
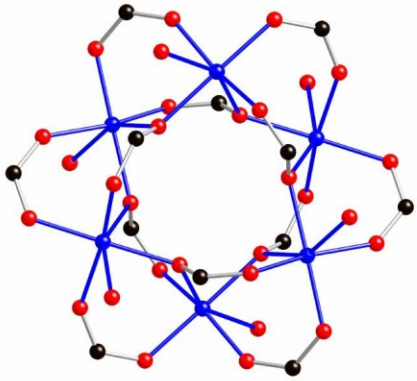
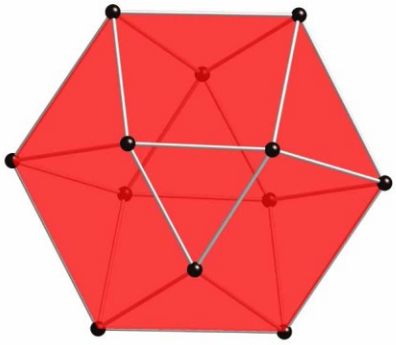




COPDAC10

$Pd_4(CO_2)_4(CO)_4$

$Pd_4(CH_3CO_2)_4(CO)_4$

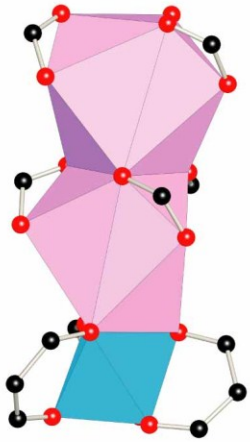
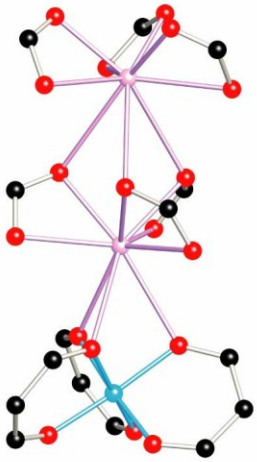
L. G. Kuzmina, Yu. T. Struchkov *Koord.Khim.(Russ.)(Coord.Chem.)*, **1979**, 5, p 1558

$Cu_6(CO_2)_6(CO_2)_6(O)_6$

$Cu_6(C_6H_5OCH_2CO_2)_6(C_6H_5OCH_2CO_2)_6$

CUPXAC J. R. Carruthers et al *Acta Crystallogr., Sect.B*, **1975**, 31, p 2044

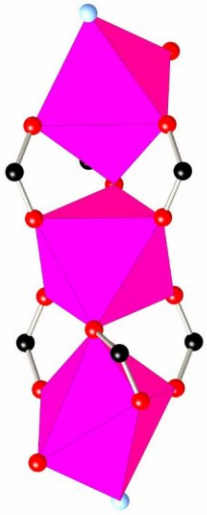
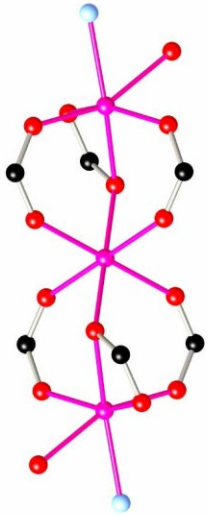
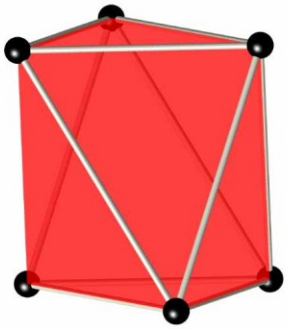

$Bi_2Al(CO_2)_6(C_3O_2)_3$

$Bi_2Al(C_6H_4OHCO_2)_6(C_3O_2)_3$

DABHOE J. H. Thurston et al *Inorg. Chem.*, **2004**, 43, p 3299

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Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

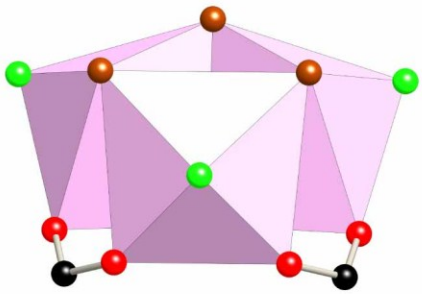
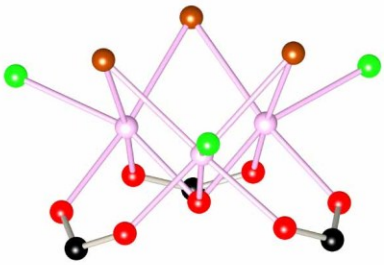
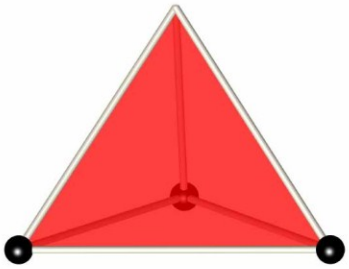




$Mn_3(CO_2)_6N_2O_2$

$Mn_3(C_6H_5CO_2)_6(C_5H_4NC_6H_5CO)_2$

DACTOR

C.J. Milios et al *Eur. J. Inorg. Chem.*, **2004**, p 2885

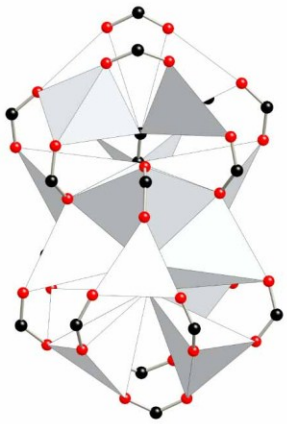
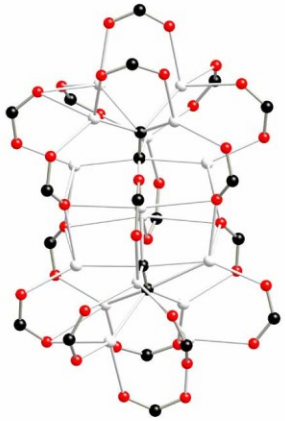
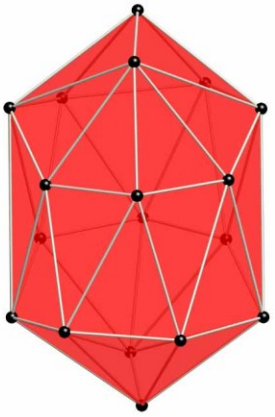




$Mo_3(CO_2)_3Br_3Cl_3$

$Mo_3(CO_2)_3Br_3Cl_3$

DADCIU

Wu Dingming et al *Acta Crystallogr. Sect. C*, **1985**, 41, p 888

$Ag_{16}(CO_2)_{18}(C_2)_2$

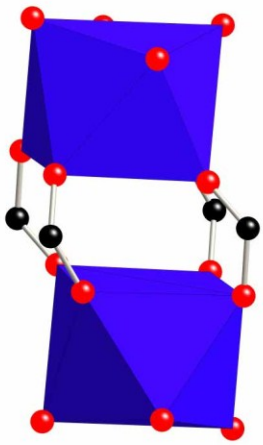
$Ag_{16}(CF_3CF_2CO_2)_{18}(C_2)_2$

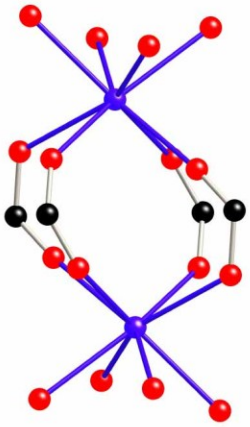
DAPZEA

Xiao-Li Zhao and T.C. Mak *Polyhedron*, **2005**, 24, p 940

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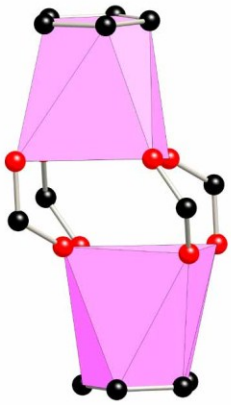


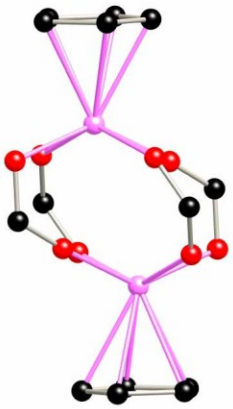
$Dy_2(CO_2)_4O_2$

$Dy_2(CF_3CO_2)_4(CF_3COO)_2$

DASFOS

G. V. Romanenko et al *Zh. Strukt. Khim. (Russ.) J. Struct. Chem.*, **1999**, 40, p 387





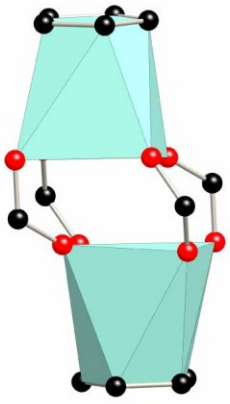


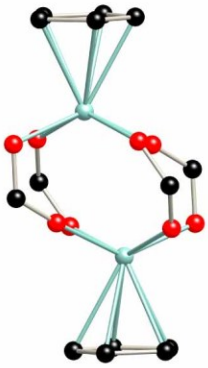
$Sc_2(CO_2)_4(C_5)_2$

$Sc_2[(CH_3)_3SiCH_2CO_2]_4[C_5(CH_3)_4Si(CH_3)_3]_2$

DASGIO

D. Cui et al *Macromolecules*, **2005**, 38, p 4089







$Y_2(CO_2)_4(C_5)_2$

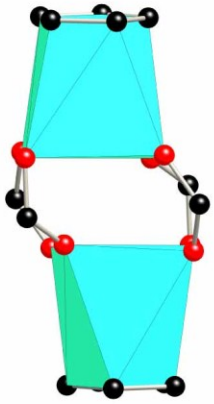
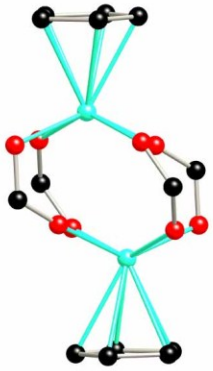
$Y_2[(CH_3)_3SiCH_2CO_2]_4[C_5(CH_3)_4Si(CH_3)_3]_2$

DASHAH

D. Cui et al *Macromolecules*, **2005**, 38, p 4089

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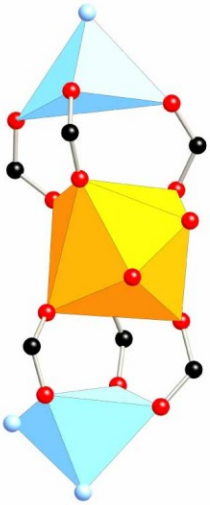
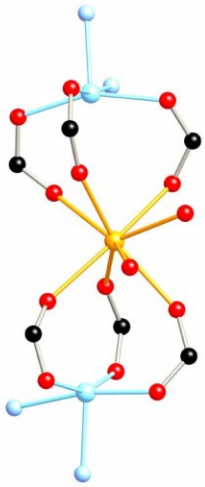
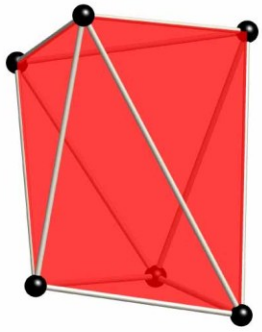




$Lu_2(CO_2)_4(C_5)_2$

$Lu_2[(CH_3)_3SiCH_2CO_2]_4[C_5(CH_3)_4Si(CH_3)_3]_2$

DASHEL

D. Cui et al *Macromolecules*, **2005**, 38, p 4089

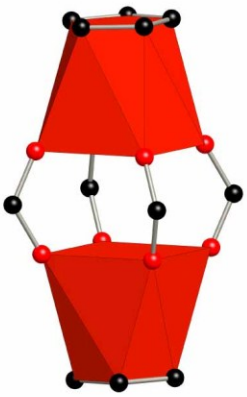
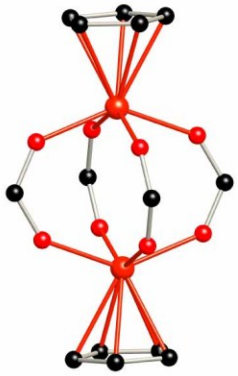




$Zn_2Nd(CO_2)_6(N_2)_2$

$Zn_2Nd(CH_3CH_2CCO_2)_6(C_5H_4NC_5H_4N)_2$

DATLUG

Yue Zhu et al *Acta Crystallogr., Sect. E*, **2005**, 61, p m1610


$V_2(CO_2)_4(C_5)_2$

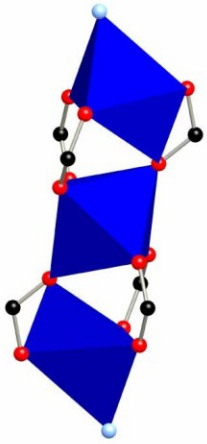
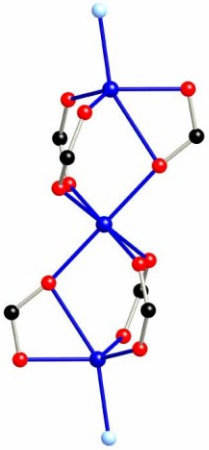
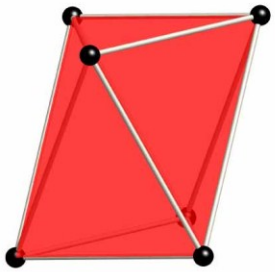
$V_2(C_6H_5CO_2)_4(C_5H_5)_2$

DAVNET

F. A. Cotton et al *Organometallics*, **1985**, 4, p 1174

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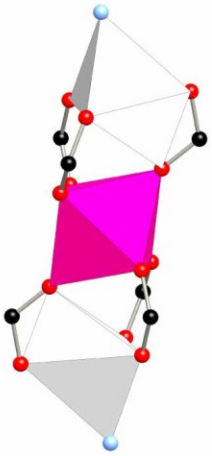
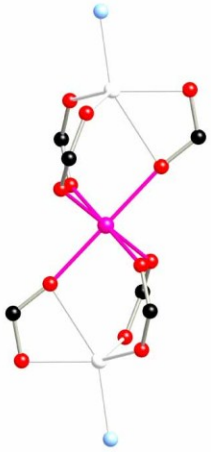
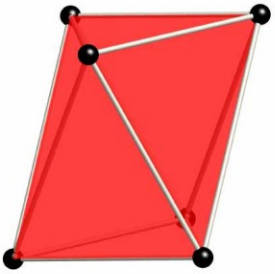
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$Co_3(CO_2)_6(N)_2$

$Co_3(C_6H_5CO_2)_6(C_5H_5N)_2$

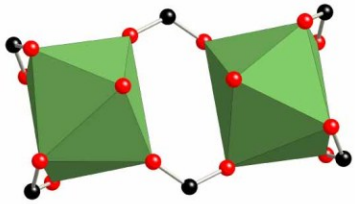
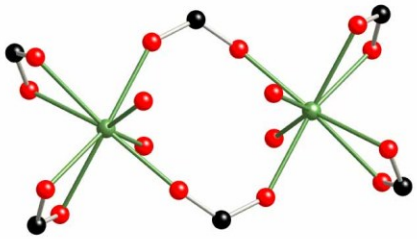
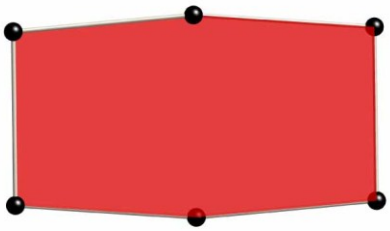
DAVYAB K. S. Gavrilenko et al *J. Am. Chem. Soc.*, **2005**, 127, p 12246

$Ni_2Mn(CO_2)_6(N_2)_2$

$Ni_2Mn(C_6H_5CO_2)_6[(C_5H_5N)_2]_2$

DAVYIJ K. S. Gavrilenko et al *J. Am. Chem. Soc.*, **2005**, 127, p 12246

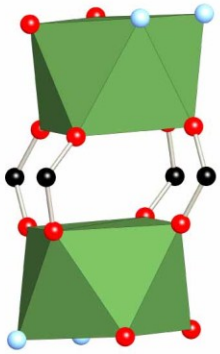
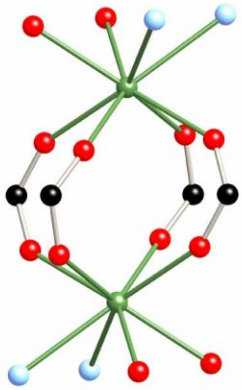
$Er_2(CO_2)_6(O)_4$

$Er_2(o\text{-}NH_2C_6H_4CO_2)_6(H_2O)_4$

DEDQEJ G. B. Deacon et al *Polyhedron*, **2006**, 25, p 379

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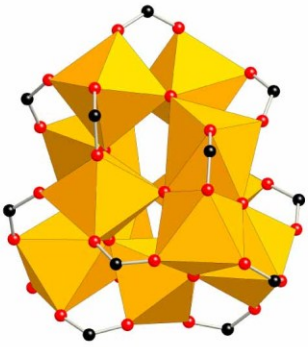
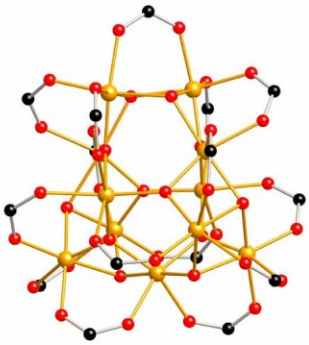
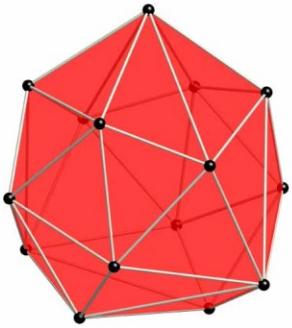




$Er_2(CO_2)_4(O)_2(O)_2(N_2)_2$

$Er_2(p\text{-}CH_3C_6H_4SO_2NHCH_2CO_2)_4(H_2O)_2(p\text{-}CH_3C_6H_4SO_2NHCH_2COO)_2(C_5H_4NC_5H_4N)_2$

DEFSOX

Manbo Zhang et al *J. Coord. Chem.*, **2006**, 59, p 177

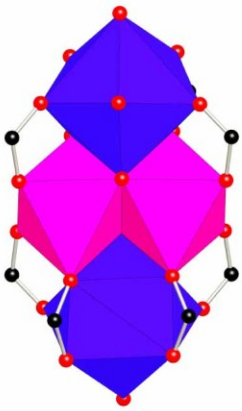
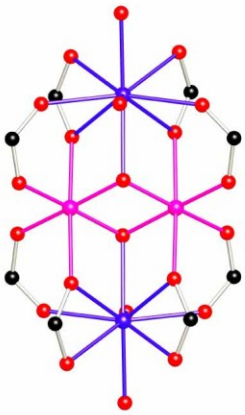
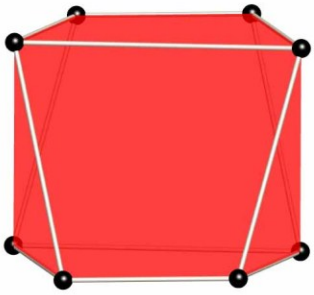




$Fe_{11}(CO_2)_{15}(O)_6(O)_6$

$Fe_{11}(C_6H_5CO_2)_{15}(HO)_6(O)_6$

DIDXET10

S. M. Gorun et al *J. Am. Chem. Soc.*, **1987**, 109, p 3337

$Mn_2Dy_2(CO_2)_8(O)_2(O)_2(O)_2$

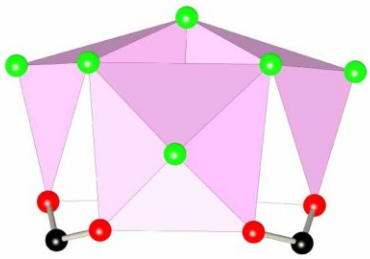
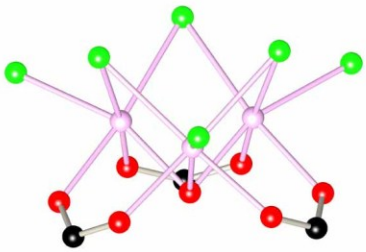
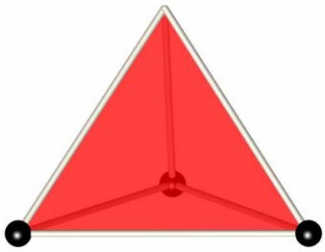
$Mn_2Dy_2[(CH_3)_3CCO_2]_8[CH_3OH]_2[(CH_3)_3COOH]_2[O]_2$

DIMVOK

C. Benelli et al *J. Chem. Soc., Dalton Trans.*, **1999**, p 4125

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

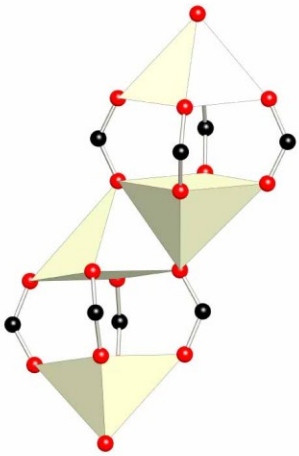
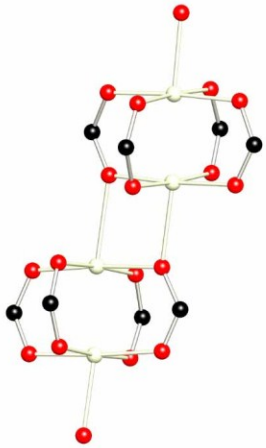
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

$Mo_3(CO_2)_3(Cl)_3(O)(Cl)_3$

$Mo_3(CO_2)_3(Cl)_3(O)(Cl)_3$

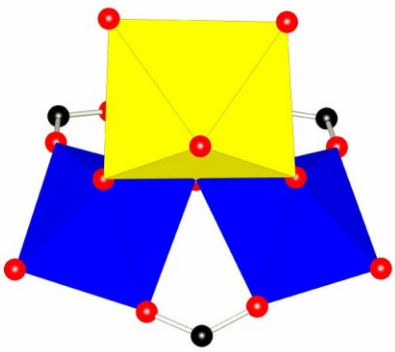
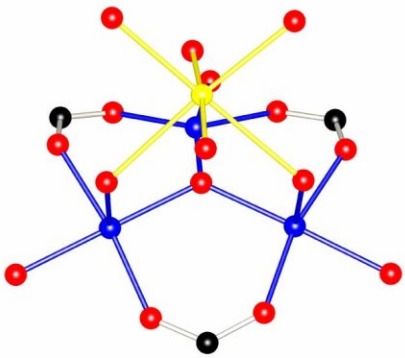
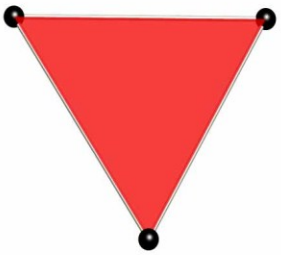
DONHOD Lin Xianti et al *Huaxue Xuebao(Chin.)(Acta Chim. Sinica)*, **1985**, 43, p 718


$Rh_4(CO_2)_8(O)_2$

$Rh_4[CF_3CO_2]_8[(CH_3)_2CO)]_2$

EBADIV E. V. Dikarev et al *Inorg. Chem.*, **2004**, 43, p 3219

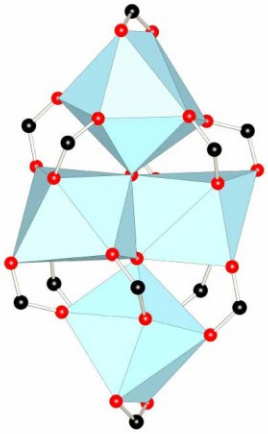
$Co_3Na(CO_2)_3(O)_9(O)$

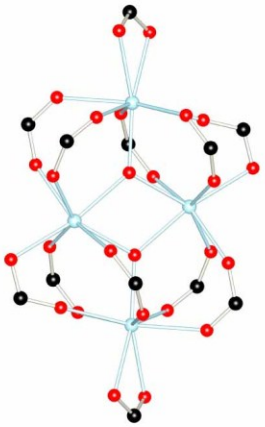
$Co_3Na[1,3,5\text{-}(CO_2)_2C_6H_3CO_2]_3(H_2O)_9(HO)$

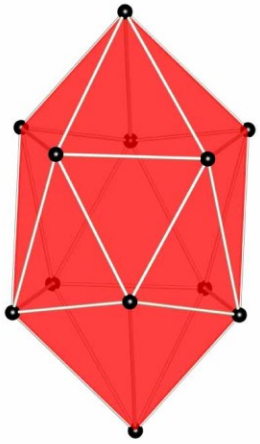
EBUMUK Deping Cheng et al *Cryst. Growth Des.*, **2004**, 4, p 599

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283





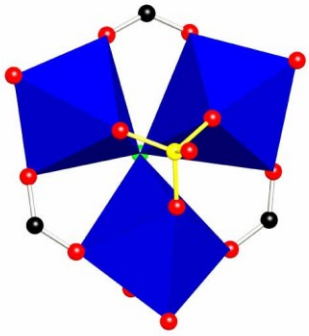


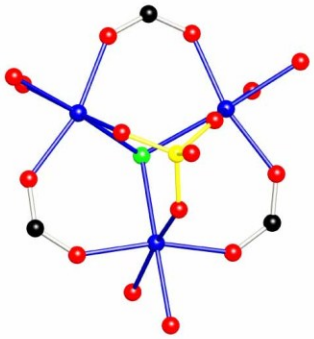
$U_4(CO_2)_{12}(O)_2$

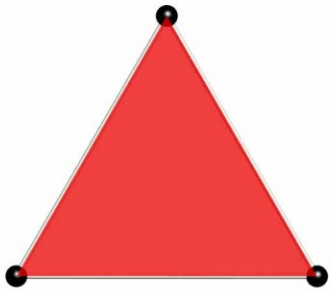
$U_4[(CH_3CH_2)_2NCO_2]_{12}[O]_2$

ECBOXU

F. Calderazzo et al *Inorg. Chem.*, **1978**, 17, p 474





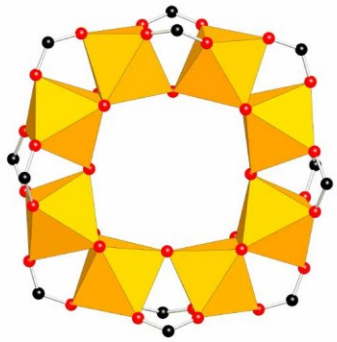


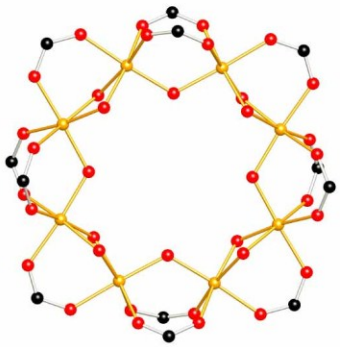
$Co_3(CO_2)_3(Cl)(O_3)(O_2)_3$

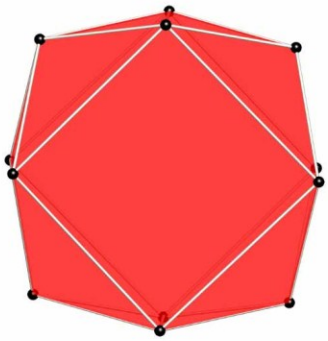
$Co_3(CF_3CO_2)_3(Cl)(OSO_3)(CH_3OCH_2CH_2OCH_3)_3$

EFASCO02

J. Estienne *Acta Crystallogr., Sect. C*, **1985**, 41, p 338







$Fe_8(CO_2)_{12}(O)_4(O)_8$

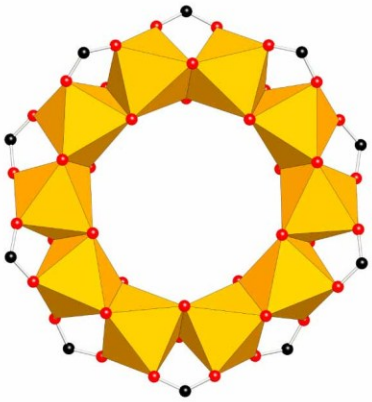
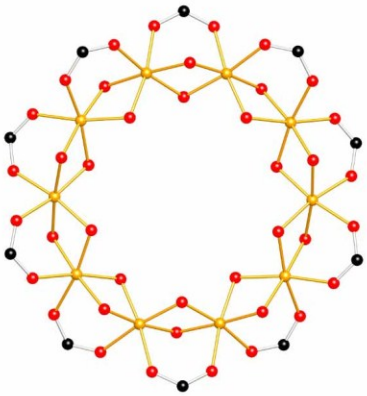
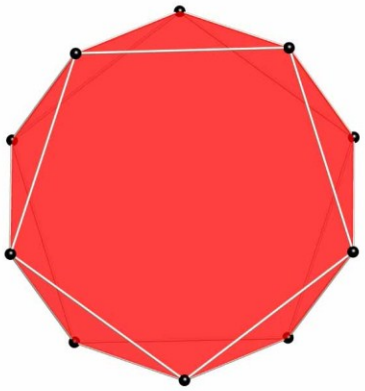
$Fe_8[(CH_3)_3CCO_2]_{12}[HO]_4[O]_8$

EHOQEX

C. Canada-Vilalta et al *Chem. Commun.*, **2003**, p 1240

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

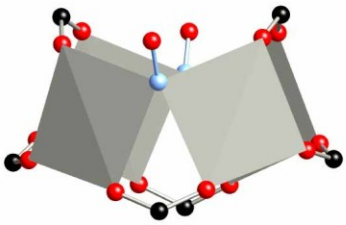
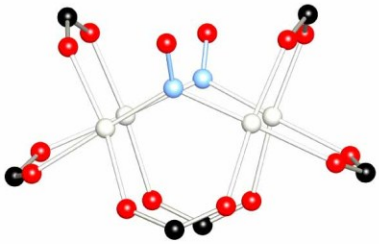
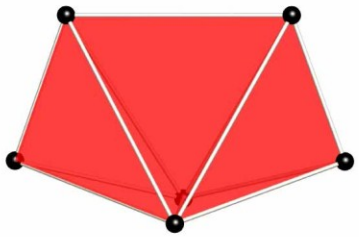
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

$Fe_{10}(CO_2)_{10}(O)_{20}$

$Fe_{10}[(CH_3)_3CCO_2]_{10}[CH_3O]_{20}$

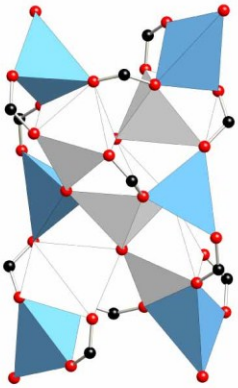
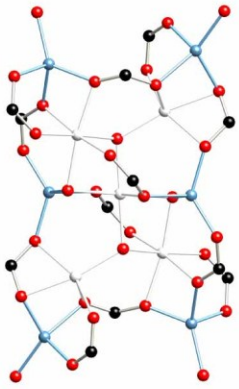
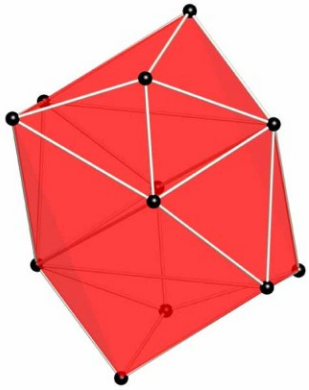
EHOQIB C. Canada-Vilalta et al *Chem. Commun.*, **2003**, p 1240

$Pd_4(CO_2)_6(NO)_2$

$Pd_4[(CH_3)_3CCO_2]_6[NO]_2$

EJORIE T. A. Stromnova et al *Inorg. Chim. Acta*, **2003**, 350, p 283

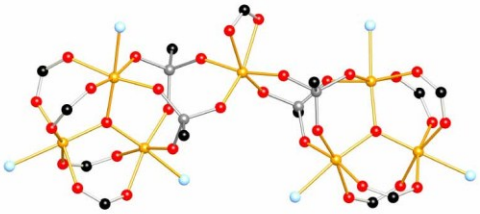
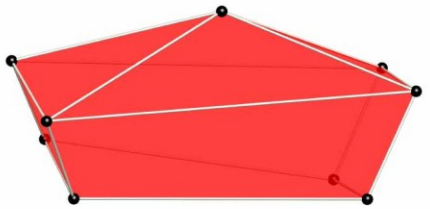




$Ni_5Li_6(CO_2)_{12}(O)_2(O)_2(O)_4$

$Ni_5Li_6[(CH_3)_3CCO_2]_{12}[O]_2[CF_3N_2HC_3O]_2[(CH_3)_3CCOOH]_4$

EKIZAZ G. Aromi et al *Chem. Eur. J.*, **2003**, 9, p 3024

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283
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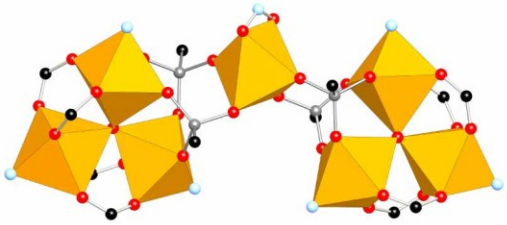
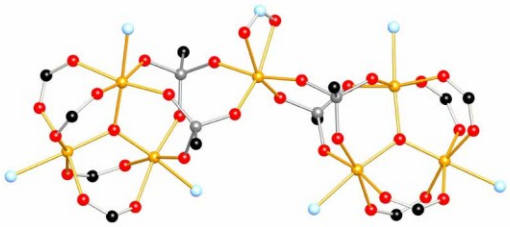




$Fe_7(CO_2)_9(O)_2(CPO_3)_4(N)_6$

$Fe_7(CH_3CO_2)_9(O)_2(C_6H_5PO_3)_4(C_5H_5N)_6$

EKURUX

E. I. Tolis et al *Angew. Chem., Int. Ed.*, **2003**, 42, p 3804

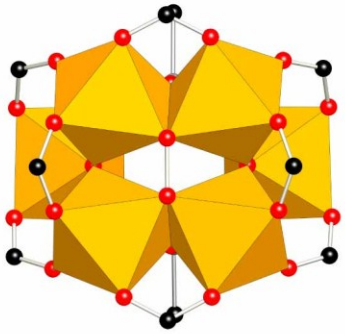
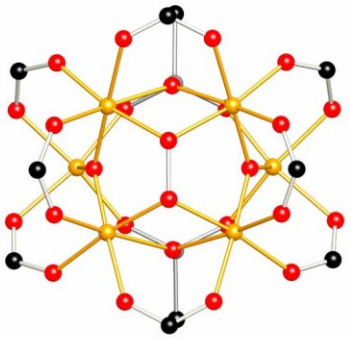
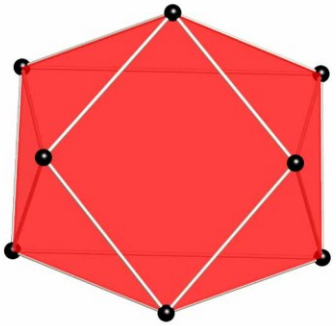




$Fe_7(CO_2)_8(NO_2)(O)_2(CPO_3)_4(N)_6$

$Fe_7(CH_3CO_2)_8(ONO_2)(O)_2(C_6H_5PO_3)_4(C_5H_5N)_6$

EKUSEI

E. I. Tolis et al *Angew. Chem., Int. Ed.*, **2003**, 42, p 3804

$Fe_6(CO_2)_8(O_2)(O)_2(O)_2(CPO_3)_2$

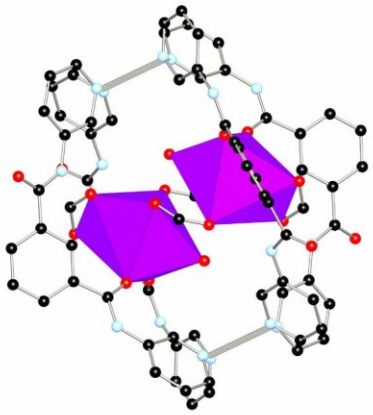
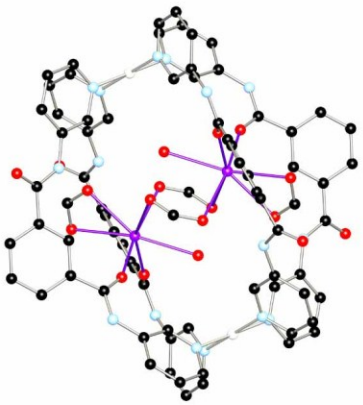
$Fe_6[(CH_3)_3CCO_2]_8[O_2][O]_2[H_2O]_2[C_6H_5PO_3]_2$

EKUSOS

E. I. Tolis et al *Angew. Chem., Int. Ed.*, **2003**, 42, p 3804

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

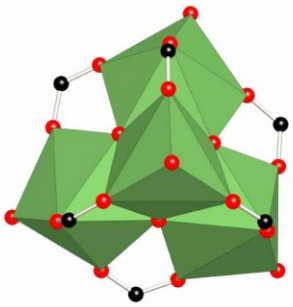
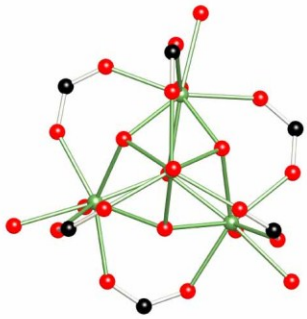
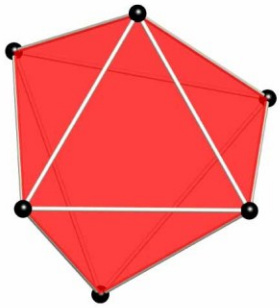
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283


$Pd_2K_2(CO_2)_4(O)_2(NC_5H_4NHCOC_6H_4CONHC_5H_4N)_4$

$Pd_2K_2(CF_3CO_2)_4(H_2O)_2(NC_5H_4NHCOC_6H_4CONHC_5H_4N)_4$

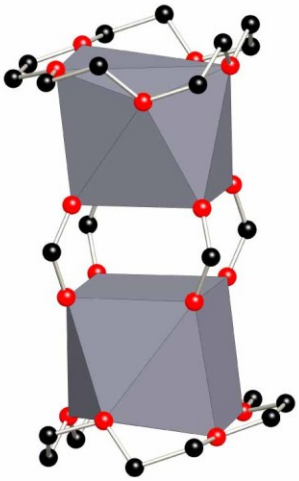
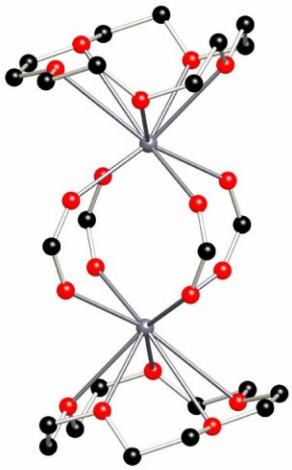
ELEQIV N. Yue et al *Inorg. Chem. Commun.*, **2003**, 6, p 1269

$Er_4(CO_2)_6(O)_4(O)_7$

$Er_4[NH(CH_2)_3CHCO_2]_6[HO]_4[H_2O]_7$

ELIMAN Sheng-Min Hu et al *Jiegou Huaxue(Chin.)(Chinese J. Struct. Chem.)*, **2003**, 22, p 309

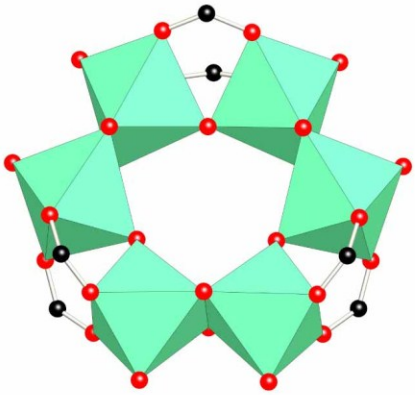
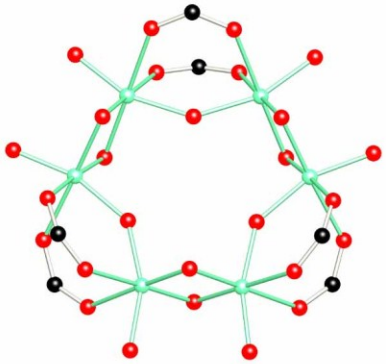
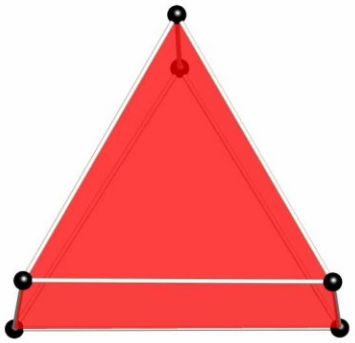




$Pb_2[CO_2]_4[(C_2O)_4(C_2O)]_2$

$Pb_2\{CF_3CO_2\}_4\{[C_2H_4O]_4[C6H4(CNC{=}CHC_6H_3O)_2]\}_2$

ERENAQ Wen-Sheng Xia et al *J. Phys. Chem. B*, **2002**, 106, p 833

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

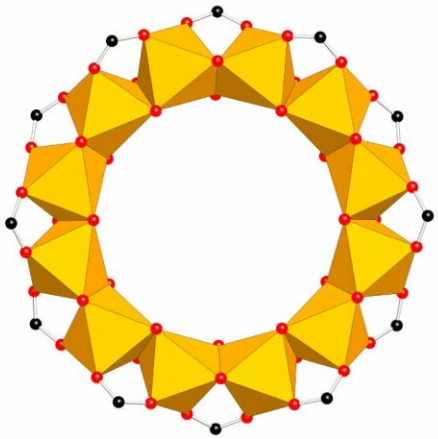
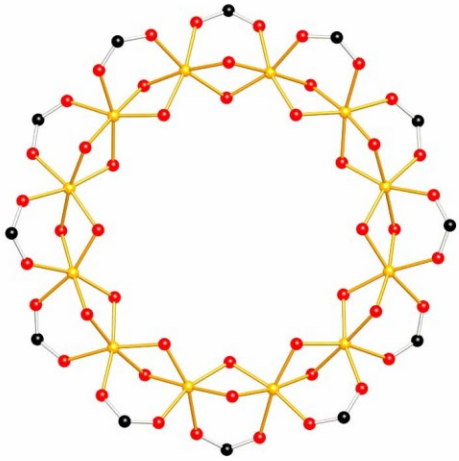
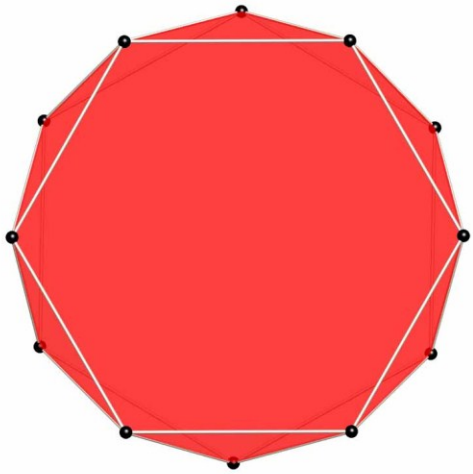




$Nb_6(CO_2)_6(O)_6(O)_6(O)_3$

$Nb_6(F_3CCO_2)_6(CH_3CH_2O)_6(CH_3CH_2O)_6(O)_3$

ERIJIY

Bee-Lean Ooi et al *Inorg. Chim. Acta*, **2004**, 357, p 625

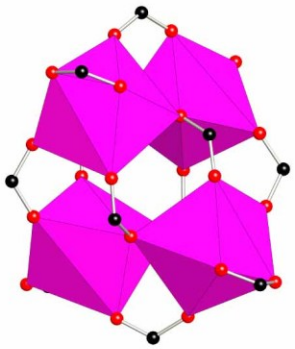
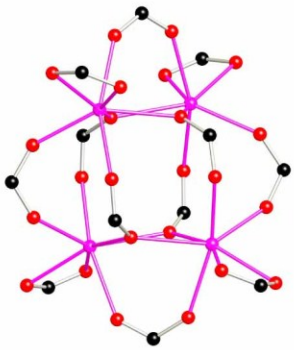
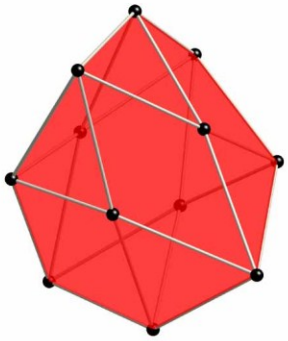




$Fe_{12}(CO_2)_{12}(O)_{24}$

$Fe_{12}[(CH_2)_3NHCHCO_2]_{12}[CH_3O]_{24}$

ESAMOA

A. A. H. Abu-Nawwas et al *Chem. Commun.*, **2004**, p 314

$Eu_4(CO_2)_{12}$

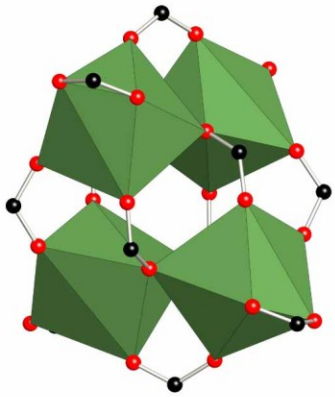
$Eu_4[(CH_3CHCH_3)_2NCO_2]_{12}$

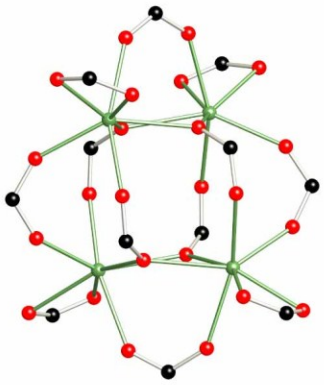
EWUWUO

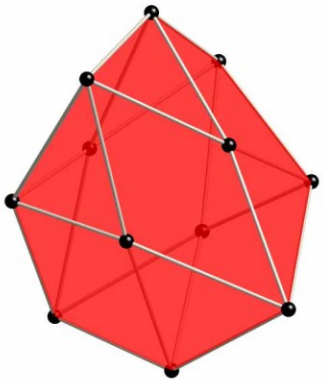
U. Baisch et al *Eur. J. Inorg. Chem.*, **2004**, p 1219

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

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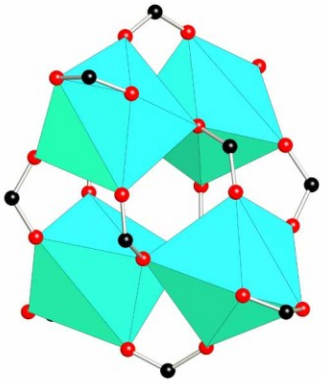


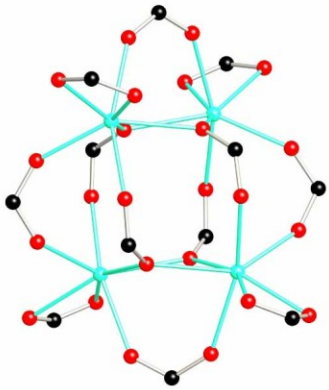
$Er_4(CO_2)_{12}$

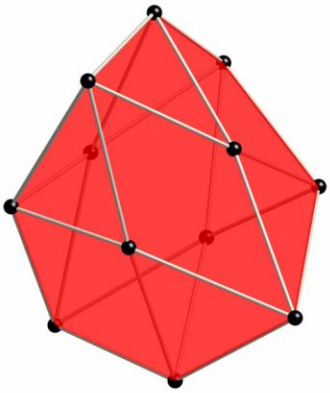
$Er_4[(CH_3CHCH_3)_2NCO_2]_{12}$

EWUXAV

U. Baisch et al *Eur. J. Inorg. Chem.*, **2004**, p 1219





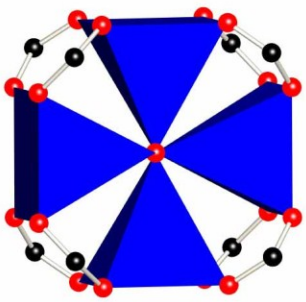


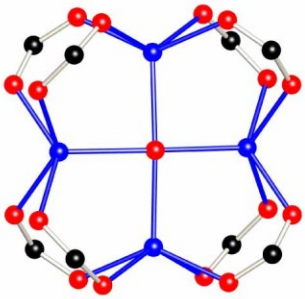
$Lu_4(CO_2)_{12}$

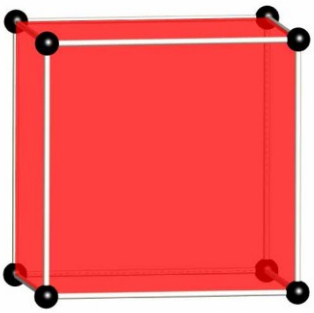
$Lu_4[(CH_3CHCH_3)_2NCO_2]_{12}$

EWUXID

U. Baisch et al *Eur. J. Inorg. Chem.*, **2004**, p 1219







$Cu_4(CO_2)_8(O)$

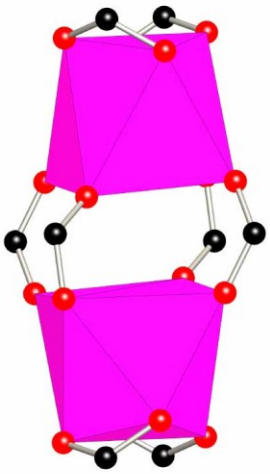
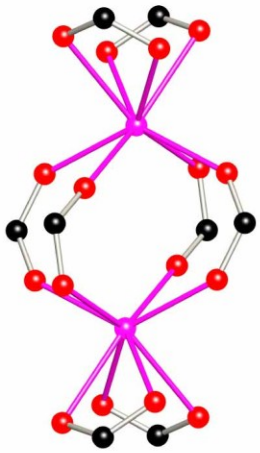
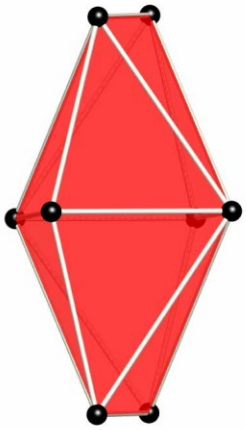
$Cu_4(OCO_2)_8(HO)$

EXEHIY

B. F. Abrahams et al *Chem. Commun.*, **2004**, p 938

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

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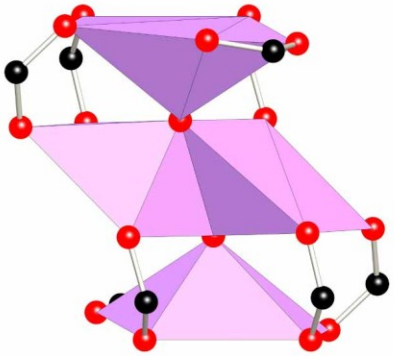
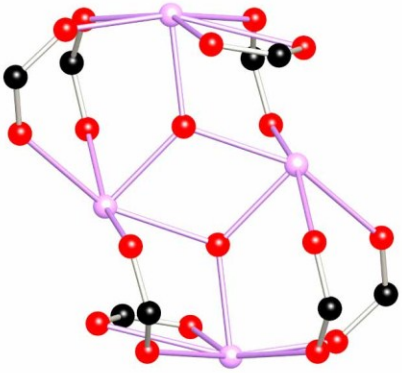
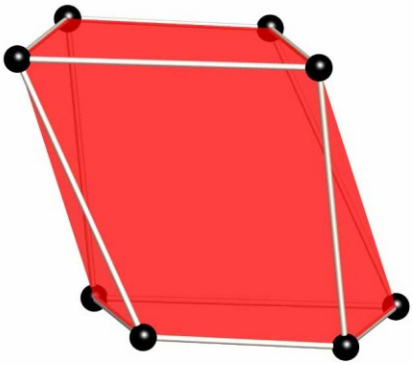




$Eu_2(CO_2)_8$

$Eu_2(o\text{-}HOC_6H_4CO_2)_8$

EXUXEA

Ming-Cai Yin et al *Polyhedron*, **2004**, 23, p 529

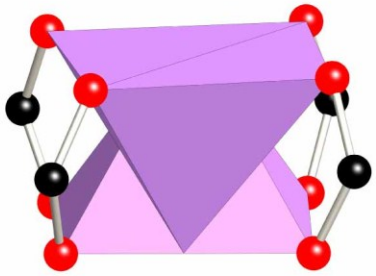
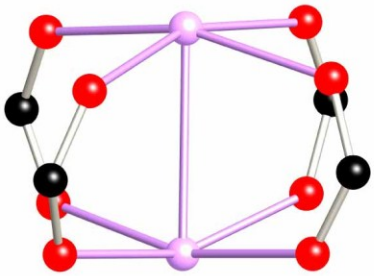




$Bi_4(CO_2)_8(O)_2$

$Bi_4(3,4,5\text{-}F_3C_6H_2CO_2)_8(O)_2$

EYOSEQ

V. V. Sharutin et al *Koord. Khim. (Russ.) (Coord. Chem.)*, **2003**, 29, p 902


$Bi_2(CO_2)_4$

$Bi_2(CF_3CO_2)_4$

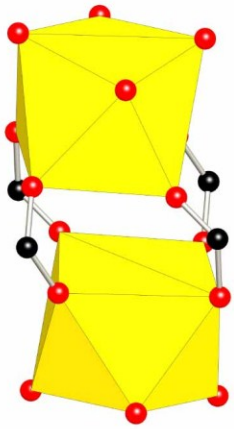
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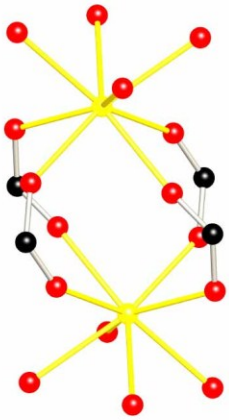
E. V. Dikarev and Bo Li *Inorg. Chem.*, **2004**, 43, p 3461

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

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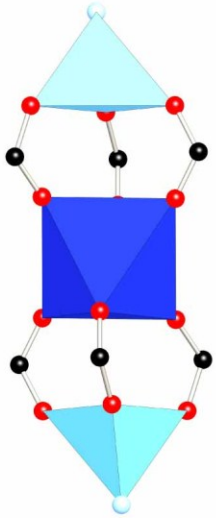


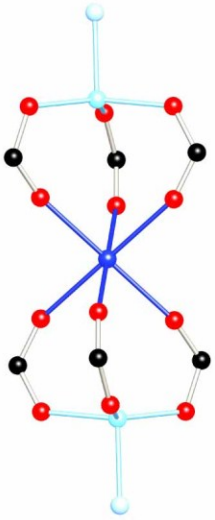


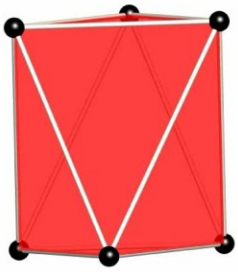
$Pr_2(CO_2)_4(O)_6(O)_2$

$Pr_2(CF_3CO_2)_4(H_2O)_6(CF_3COO)_2$

FACAPR S. P. Bone et al *J. Chem. Soc., Dalton Trans.*, **1978**, p 1544



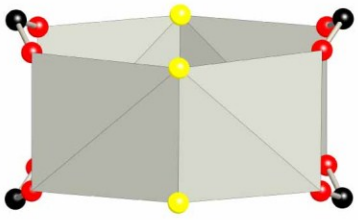


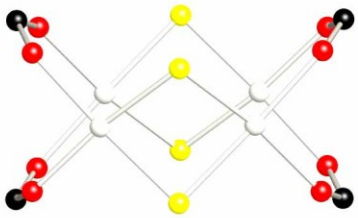


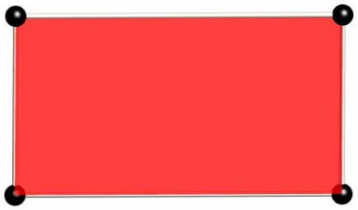
$CaZn_2(CO_2)_6(N)_2$

$CaZn_2[C_6H_5CO_2]_6[m\text{-}OCN(CH_2CH_3)_2C_5H_4N]_2$

FACQUW H. Necefoglu et al *Acta Crystallogr., Sect. E*, **2002**, 58, p m123





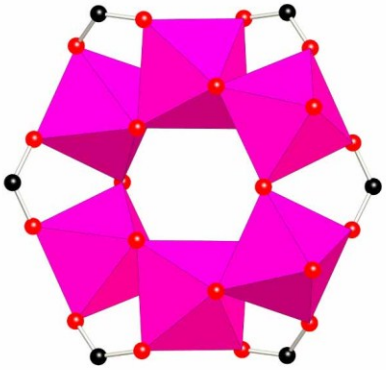
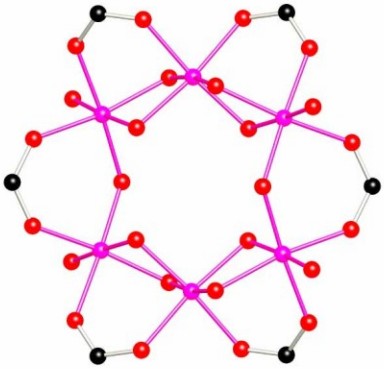
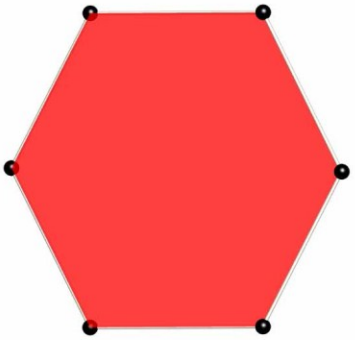


$Pd_4(CO_2)_4(S)_4$

$Pd_4(CH_3CO_2)_4(CH_3CH_2S)_4$

FADFIA A. I. Stash et al *Koord. Khim. (Russ.) (Coord. Chem.)*, **2001**, 27, p 624

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

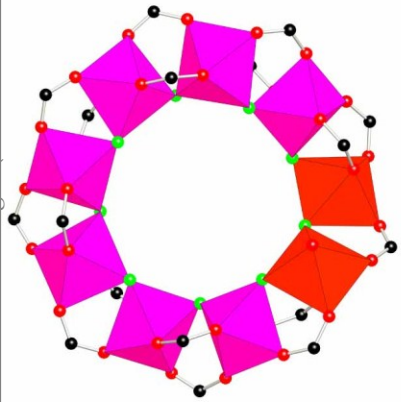
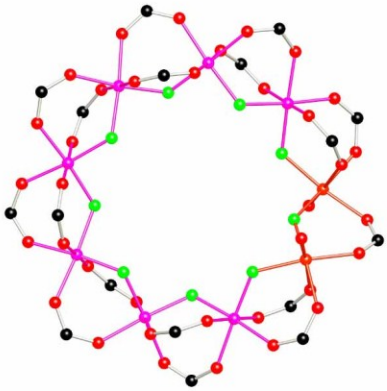
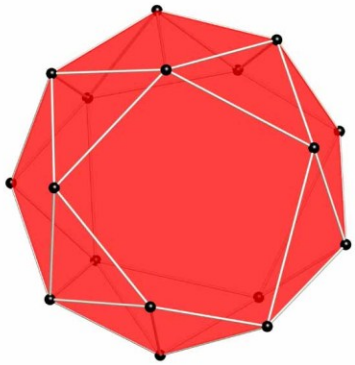




$Cr_6(CO_2)_6(O)_{10}(O)_4$

$Cr_6(CH_3CO_2)_6(HO)_{10}(H_2O)_4$

FAGDOH

M. Eshel and A. Bino *Inorg. Chim. Acta*, **2002**, 45, p 329

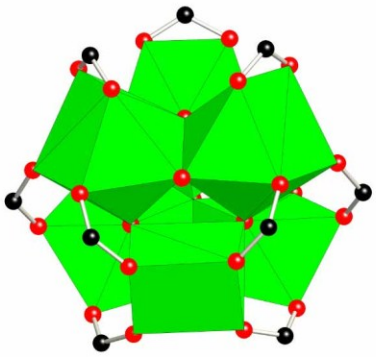
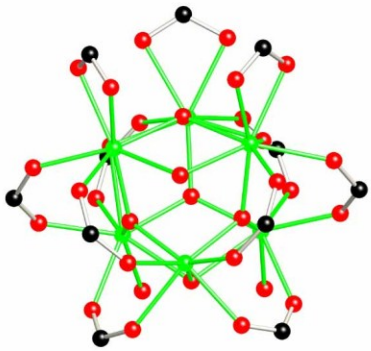
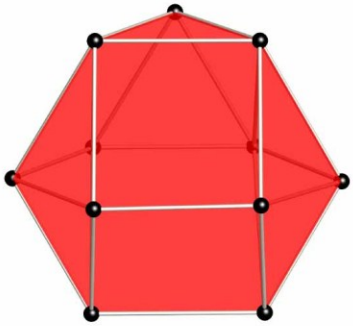




$Cr_7V_2(CO_2)_{17}(F)_9(O)_2$

$Cr_7V_2[(CH_3)_3CCO_2]_{17}[F]_9[O]_2$

FANKEL

O. Cador et al *Angew. Chem., Int. Ed.*, **2004**, 43, p 5196

$Zr_6(CO_2)_{11}(O)_8(O)(O)$

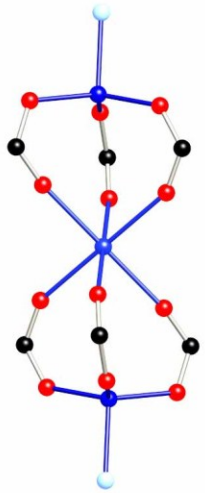
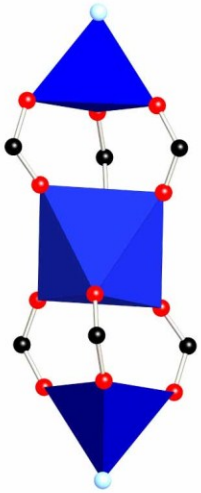
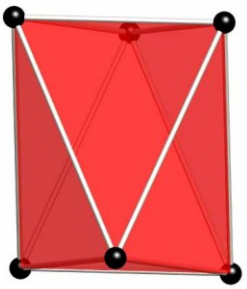
$Zr_6[CH_3CH_2{=}CCO_2]_{11}[O]_8[CH_3(CH_2)_3O][CH_3CH_2{=}CCOO]$

FAPNIU

F. R. Kogler et al *J. Mater. Chem.*, **2004**, 14, p 3133

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

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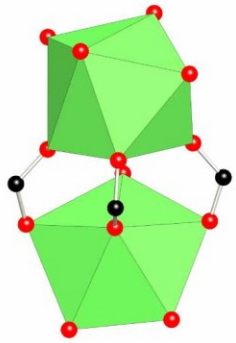
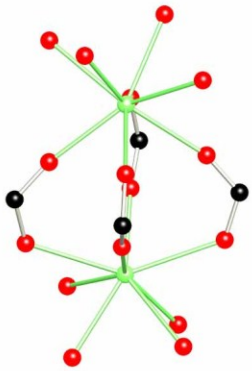
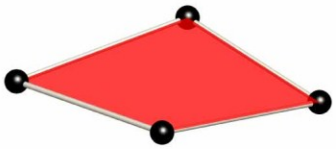




$CaCo_2(CO_2)_6(N)_2$

$CaCo_2[(CH_3)_3CCO_2]_6[C_9H_7N]_2$

FUFFOB

Yong Cui et al *Acta Crystallogr., Sect. C*, **2000**, 56, p 1198

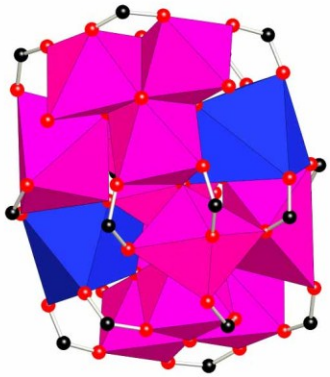
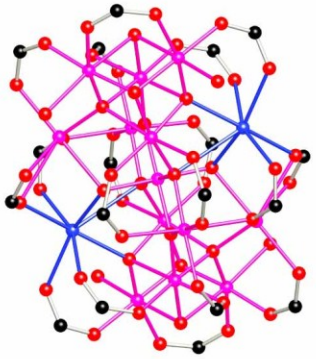
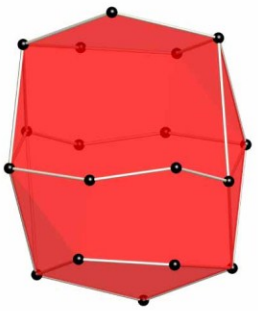




$La_2(CO_2)_4(O)_8$

$La_2[(CH_3)_3CCO_2]_4[(CH_3)_3CCOO]_8$

FEFCOJ

I. G. Fomina et al *Zh. Neorg. Khim. (Russ.) (Russ. J. Inorg. Chem.)*, **2004**, 49, p 1463

$Mn_{13}Ca_2(CO_2)_{18}(O)_{10}(O)_2(O)_2(O)_4$

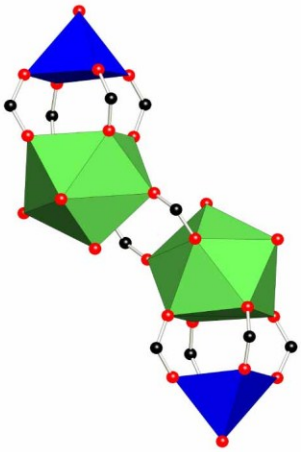
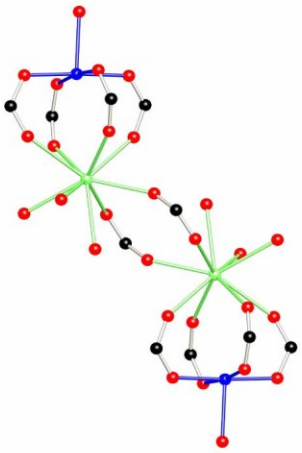
$Mn_{13}Ca_2(C_6H_5CO_2)_{18}(O)_{10}(HO)_2(CH_3O)_2(H_2O)_4$

FEPDAG

A. Mishra et al *Chem. Commun.*, **2005**, p 54

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

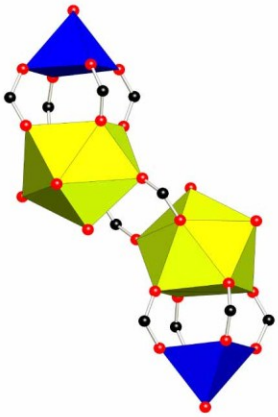
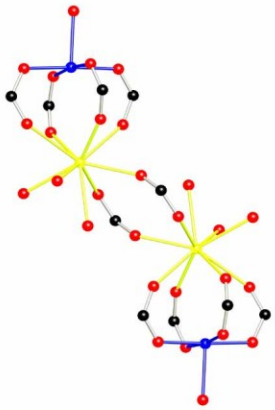




$La_2Cu_2(CO_2)_{10}(O)_8$

$La_2Cu_2[(CH_3)_3NCH_2CO_2]_{10}[H_2O]_8$

FEPRIB

Xiao-Ming Chen et al *Inorg. Chem.*, **1998**, 37, p 6186

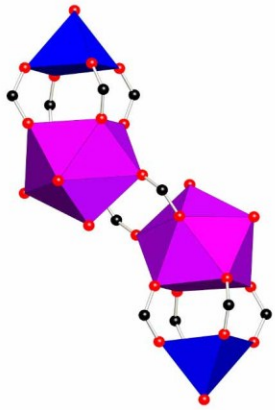
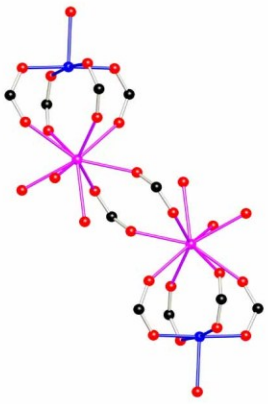




$Ce_2Cu_2(CO_2)_{10}(O)_8$

$Ce_2Cu_2[(CH_3)_3NCH_2CO_2]_{10}[H_2O]_8$

FEPROH

Xiao-Ming Chen et al *Inorg. Chem.*, **1998**, 37, p 6186


$Gd_2Cu_2(CO_2)_{10}(O)_8$

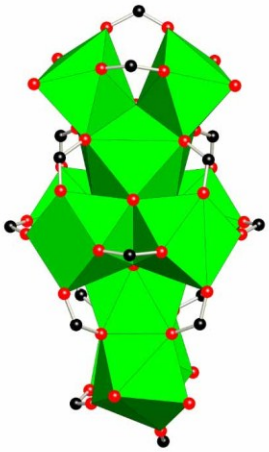
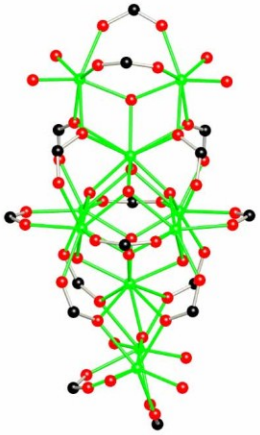
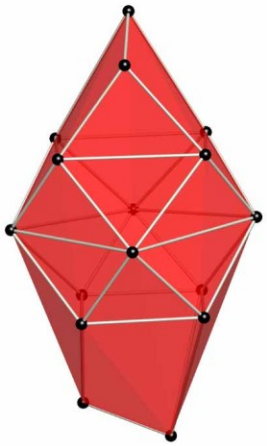
$Gd_2Cu_2[(CH_3)_3NCH_2CO_2]_{10}[H_2O]_8$

FEPSAU

Xiao-Ming Chen et al *Inorg. Chem.*, **1998**, 37, p 6186

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

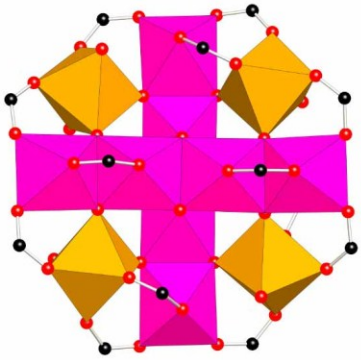
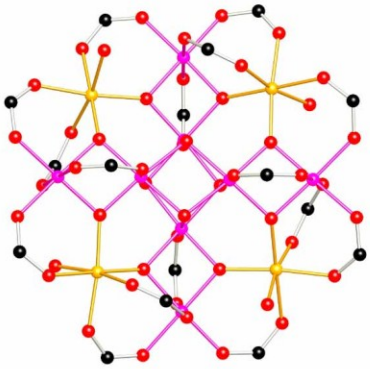
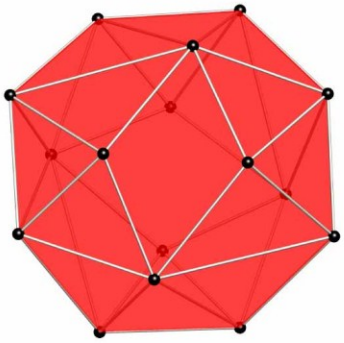
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

$Zr_{10}(CO_2)_8(CO_2)_8(O)_8(O)_{10}$

$Zr_{10}(o\text{-}\mu\text{-}OC_6H_4CO_2)_8(o\text{-}OC_6H_4CO_2)_8(O)_{10}$

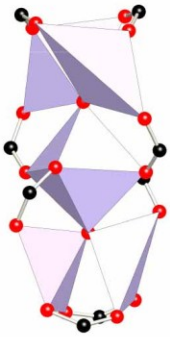
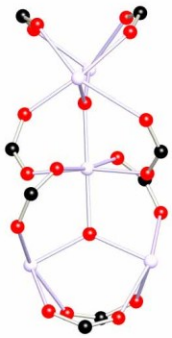
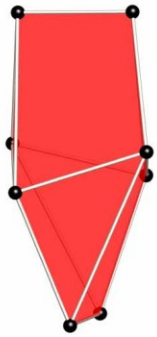
FESQUP G. Kickelbick, U. Schubert *J. Chem. Soc., Dalton Trans.*, **1999**, p 1301

$Mn_8Fe_4(CO_2)_{16}(O)_4(O)_{12}$

$Mn_8Fe_4(CFH_2CO_2)_{16}(H_2O)_4(O)_{12}$

FICSIU Chen-I. Yang et al *Chem. Lett.*, **2005**, 34, p 288

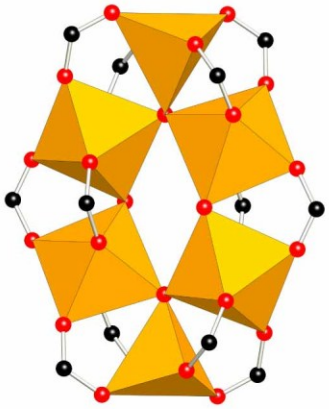
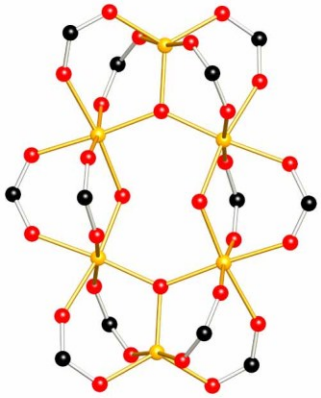
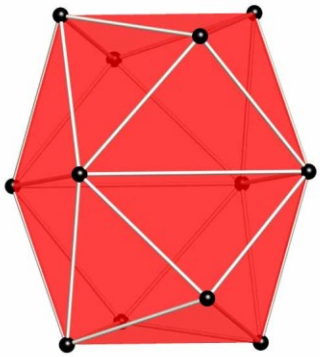




$Sn_5(CO_2)_8(O)_2$

$Sn_5(CF_3CO_2)_8(O)_2$

FILJOZ T. Birchall et al *J. Chem. Soc., Dalton Trans.*, **1987**, p 1675

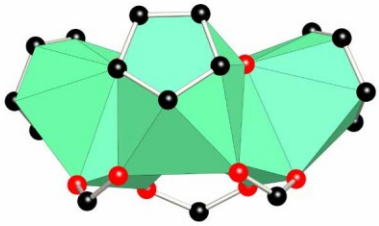
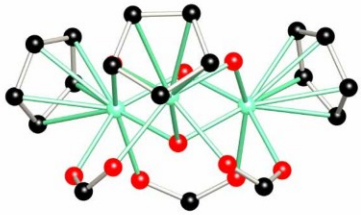
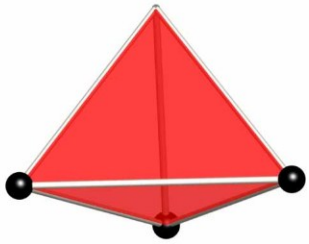
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

$Fe_4(CO_2)_{12}(O)_2(O)_2$

$Fe_4[(CH_3)_3CCO_2]_{12}[HO]_2[O]_2$

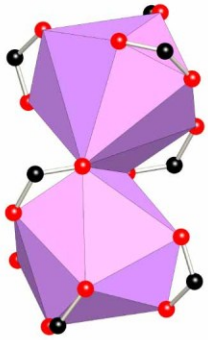
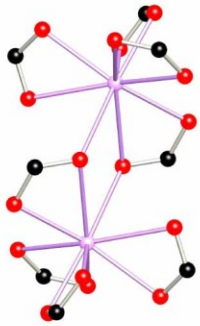
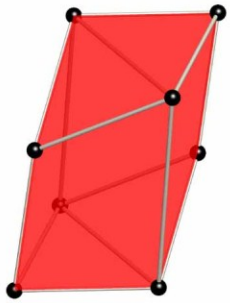
FIZBOF N. V. Gerbeleu et al *Proc. Nat. Acad. Sci. USSR*, **1987**, 293, p 364

$Nb_3(CO_2)_3(C_5)_3(O)_4$

$Nb_3(CO_2)_3(C_5H_5)_3(HO)_4$

FMHCPN N. I. Kirillova et al *Zh. Strukt. Khim. (Russ.) (J. Struct. Chem.)*, **1973**, 14, p 1075

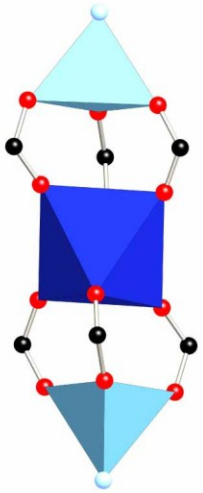
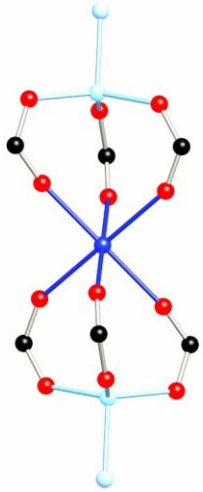
$Bi_2(CO_2)_8$

$Bi_2(CH_3CO_2)_8$

FOVXIX W. Bensch et al *Acta Crystallogr., Sect. C*, **1987**, 43, p 1699

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

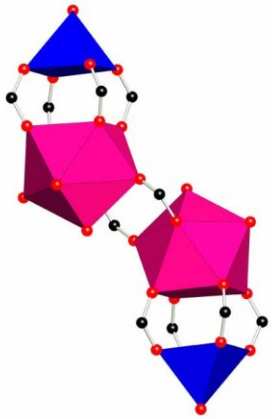
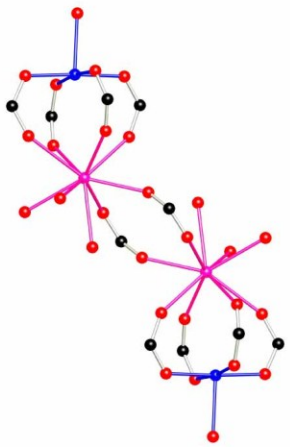




$CaZn_2(CO_2)_6(N)_2$

$CaZn_2(CH_3CH_2CO_2)_6(C_9H_7N)_2$

FUFFIV

Yong Cui et al *Acta Crystallogr., Sect. C*, **2000**, 56, p 1198

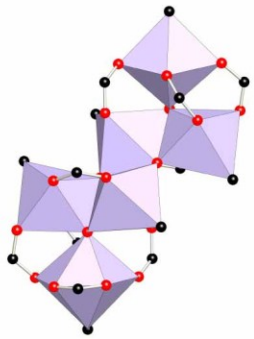
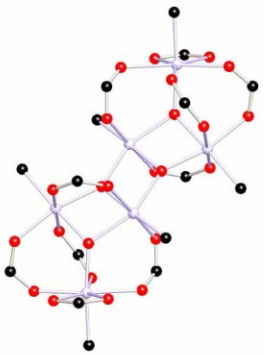
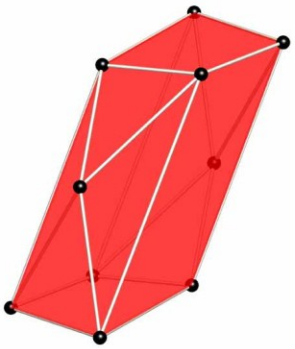




$Sm_2Cu_2(CO_2)_{10}(O)_8$

$Sm_2Cu_2[(CH_3)_3NCH_2CO_2]_{10}[H_2O]_8$

FEPSEY

Xiao-Ming Chen et al *Inorg. Chem.*, **1998**, 37, p 6186

$Sn_6(CO_2)_{10}(O)_4(C)_6$

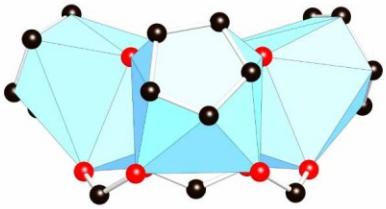
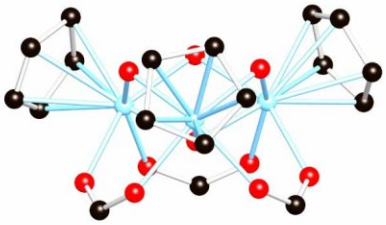
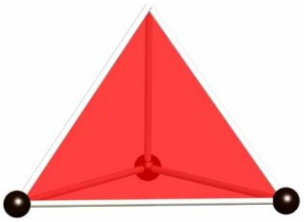
$Sn_6(CH_3CO_2)_{10}(O)_4(C_6H_5CH_2)_6$

GABXIQ

K. C. Kumara Swamy et al *J. Chem. Soc., Dalton Trans.*, **1998**, p 1645

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

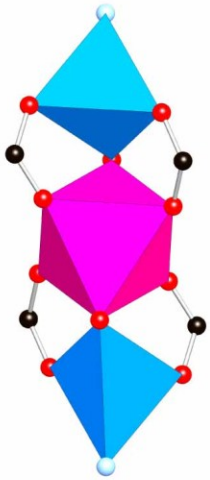
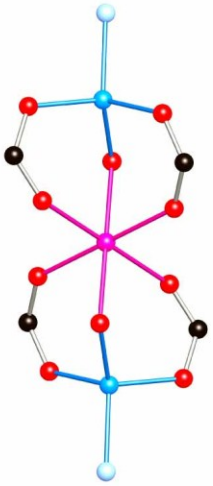
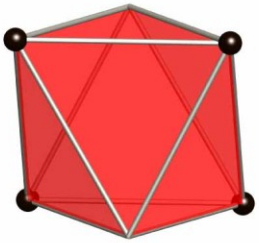
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

$Ti_3(CO_2)_3(O)(O)_3(C_5)_3$

$Ti_3(CO_2)_3(O)(OH)_3(C_5H_5)_3$

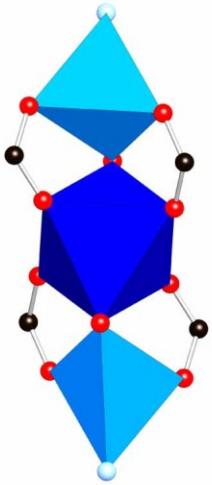
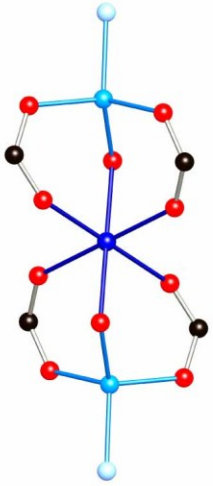
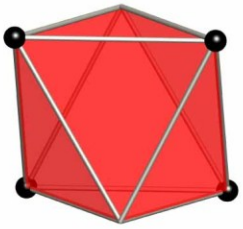
GAFDOG K. Doppert, U. Thewalt *J. Organomet. Chem.*, **1986**, 41, p 301

$Zn_2Mn(CO_2)_4(O)_2(N)_2$

$Zn_2Mn(trans\text{-}CH_3CH{=}CHCO_2)_4(trans\text{-}CH_3CH{=}CHCOO)_2(C_9H_7N)_2$

GAWLIZ W. Clegg et al *Inorg. Chem.*, **1988**, 27, p 1916

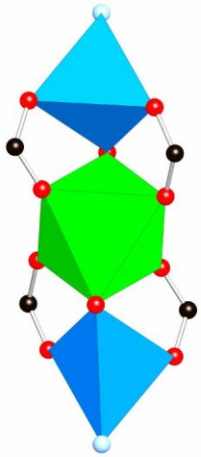
$Zn_2Co(CO_2)_4(O)_2(N)_2$

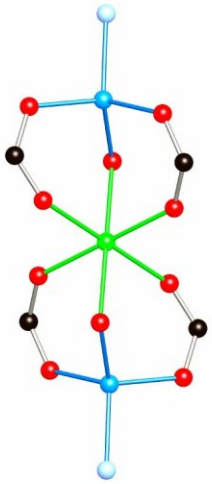
$Zn_2Co(trans\text{-}CH_3CH{=}CHCO_2)_4(trans\text{-}CH_3CH{=}CHCOO)_2(C_9H_7N)_2$

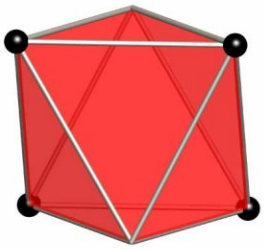
GAWLOF W. Clegg et al *Inorg. Chem.*, **1988**, 27, p 1916

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283





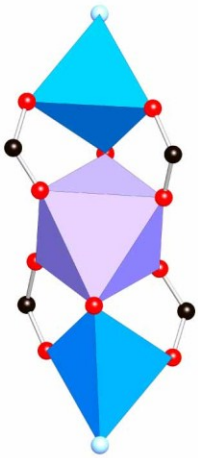


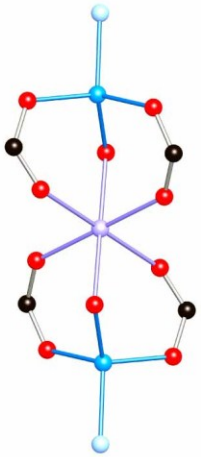
$Zn_2Ni(CO_2)_4(O)_2(N)_2$

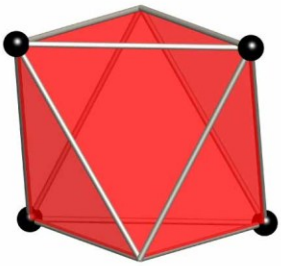
$Zn_2Ni(trans\text{-}CH_3CH{=}CHCO_2)_4(trans\text{-}CH_3CH{=}CHCOO)_2(C_9H_7N)_2$

GAWLUL

W. Clegg et al *Inorg. Chem.*, **1988**, 27, p 1916





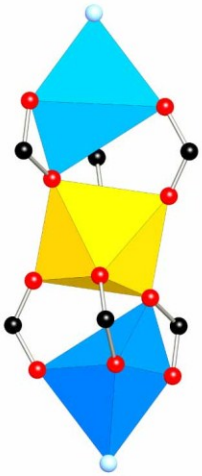


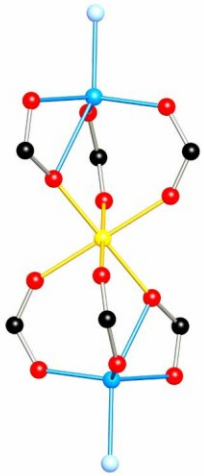
$Zn_2Cd(CO_2)_4(O)_2(N)_2$

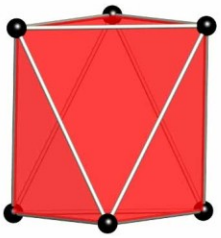
$Zn_2Cd(trans\text{-}CH_3CH{=}CHCO_2)_4(trans\text{-}CH_3CH{=}CHCOO)_2(C_9H_7N)_2$

GAWMEW

W. Clegg et al *Inorg. Chem.*, **1988**, 27, p 1916







$Zn_2Mg(CO_2)_6(N)_2$

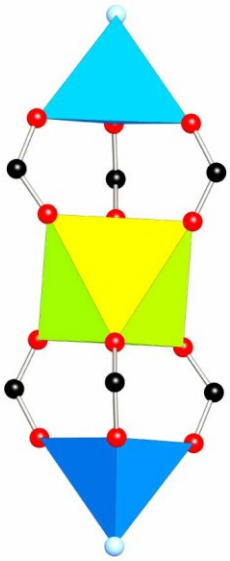
$Zn_2Mg(trans\text{-}CH_3CH{=}CHCO_2)_6(CH_3C_9H_6N)_2$

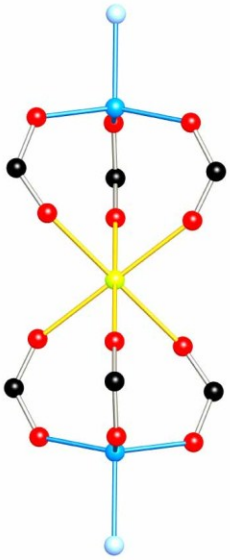
GAWMIA

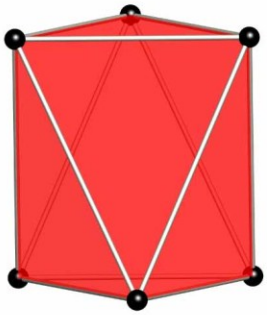
W. Clegg et al *Inorg. Chem.*, **1988**, 27, p 1916

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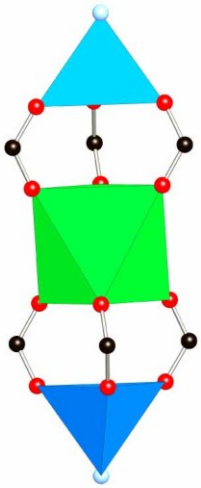


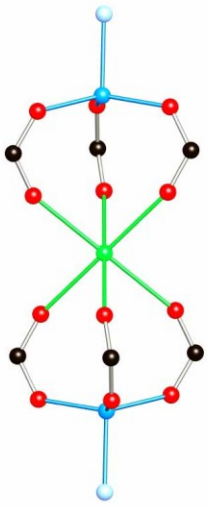
$Zn_2Ca(CO_2)_6(N)_2$

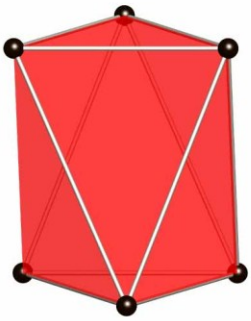
$Zn_2Ca(trans\text{-}CH_3CH{=}CHCO_2)_6(CH_3C_9H_6N)_2$

GAWMOG

W. Clegg et al *Inorg. Chem.*, **1988**, 27, p 1916





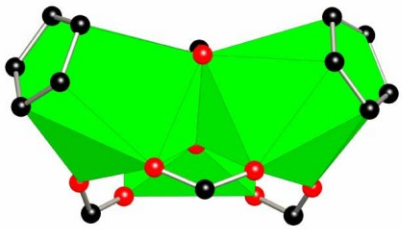


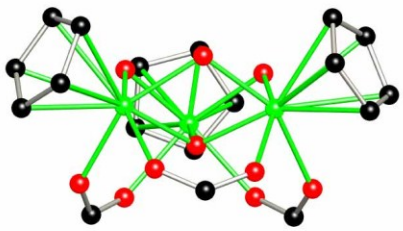
$Zn_2Sr(CO_2)_6(N)_2$

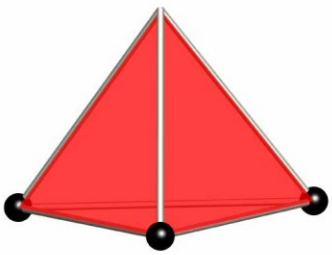
$Zn_2Sr(trans\text{-}CH_3CH{=}CHCO_2)_6(CH_3C_9H_6N)_2$

GAWMUM

W. Clegg et al *Inorg. Chem.*, **1988**, 27, p 1916







$Zr_3(CO_2)_3(O)(O)_3(C_5)_3$

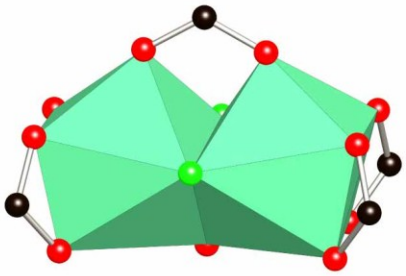
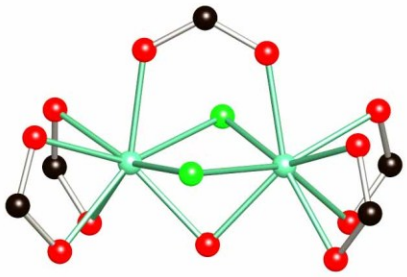
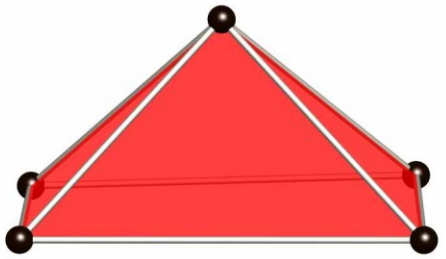
$Zr_3(C_6H_5CO_2)_3(O)(OH)_3(C_5H_5)_3$

GAZCAL

U. Thewalt et al *J. Organomet. Chem.*, **1986**, 308, p 303

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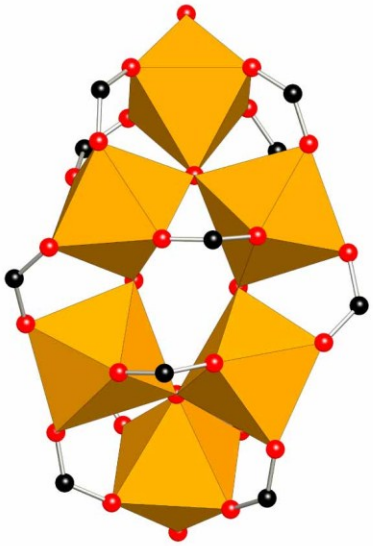
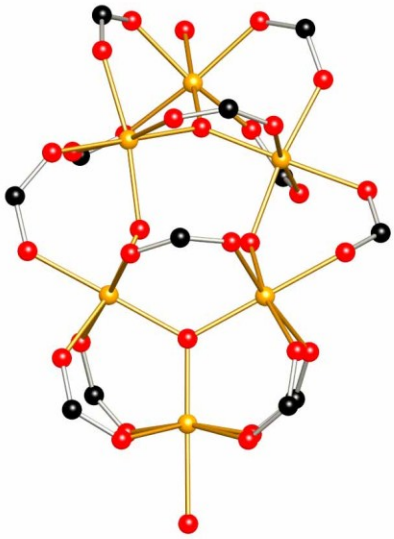
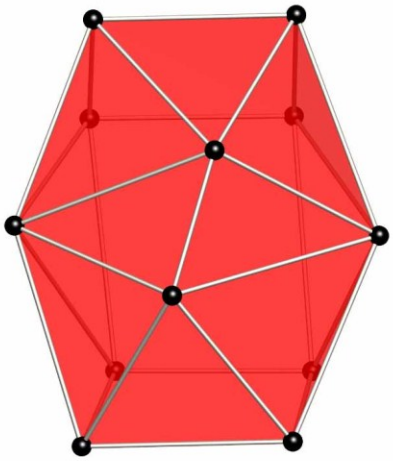
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

$Nb_2(CO_2)_5(Cl)_2(O)$

$Nb_2(CH_3CO_2)_5(Cl)_2(CH_3CH_2O)$

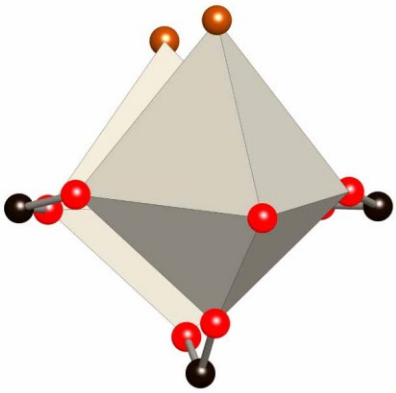
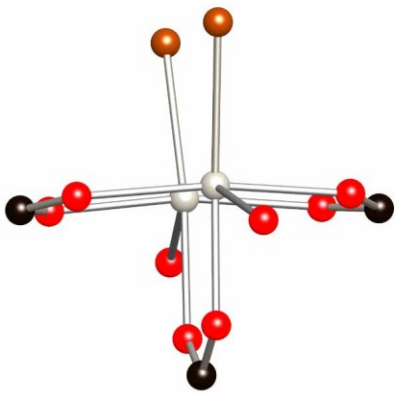
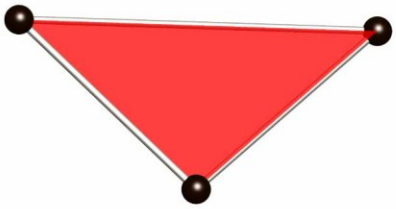
GENMIV F. A. Cotton et al *Inorg. Chem.*, **1988**, 27, p 2347

$Fe_6(CO_2)_{12}(O)_2(O)_2(O)(O)$

$Fe_6[C_6H_5CO_2]_{12}[O]_2[HO]_2[H_2O][O(CH_2CH_2)_2O]$

GEZZOA W. Micklitz, S. J. Lippard *Inorg. Chem.*, **1988**, 27, p 3067

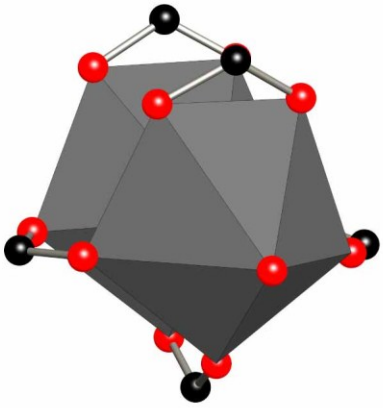
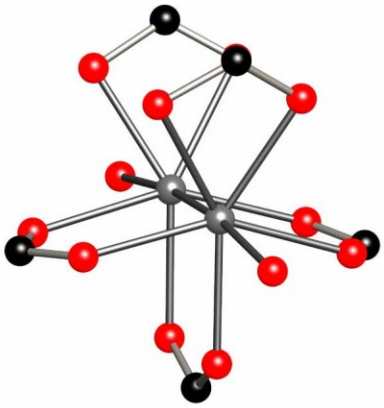
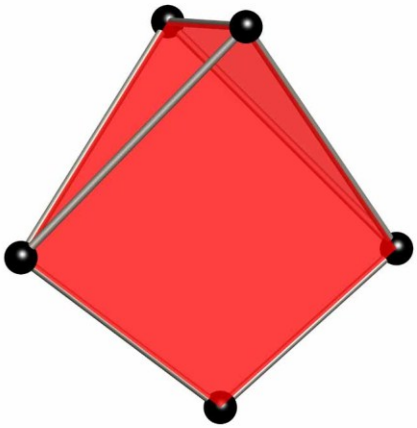
$W_2(CO_2)_3(Br)_2(O)_2$

$W_2[(CH_3)_3CCO_2]_3[Br]_2[(CH_2)_4O]_2$

GIFSUJ M. H. Chisholm et al *Polyhedron*, **1986**, 5, p 1377

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

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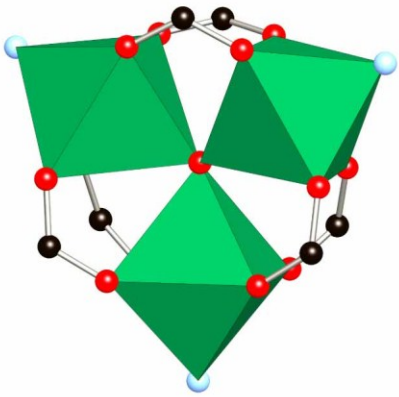
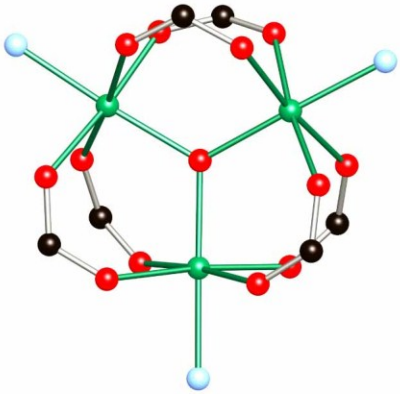
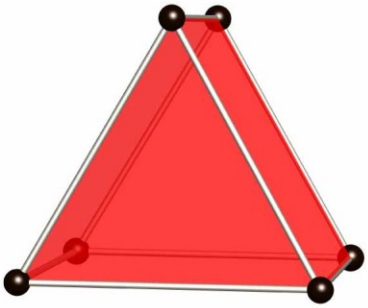




$W_2(CO_2)_5(O)_2$

$W_2[(CH_3)_3CCO_2]_5[(CH_3)_3CC{=}ON(CH_3)_2]_2$

GIFTAQ

M. H. Chisholm et al *Polyhedron*, **1986**, 5, p 1377

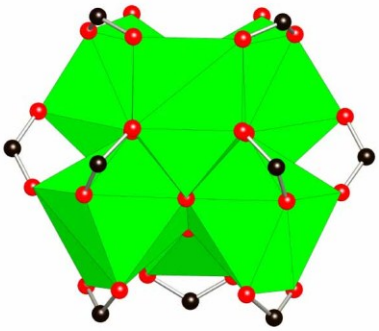
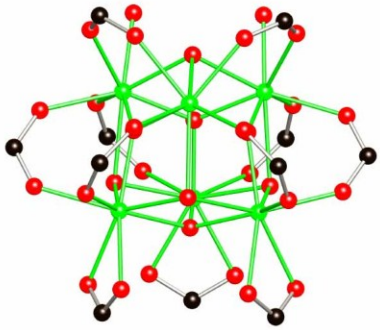
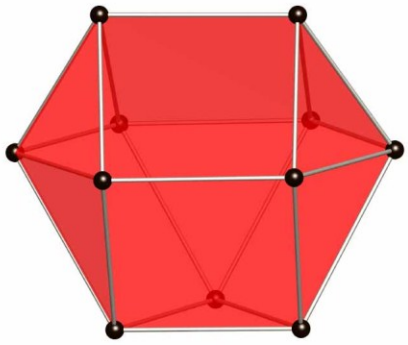




$Ni_3(CO_2)_6(O)(N)_3$

$Ni_3[(CH_3)_3CCO_2]_6[HO][HCCH_2H_2N]_3$

GISXIP

A. A. Sidorov et al *Russ. Chem. Bull. (Russ.)*, **1998**, p 1270

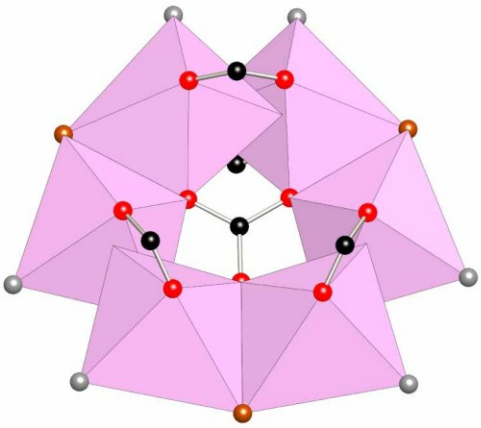
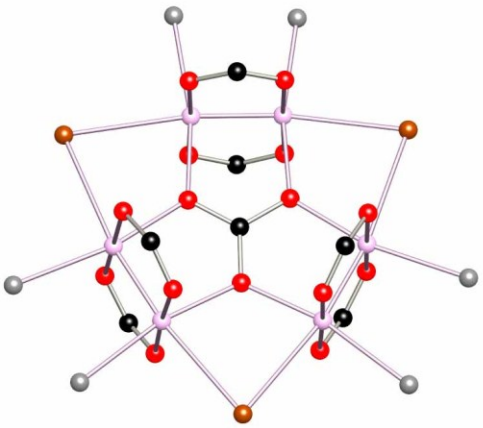
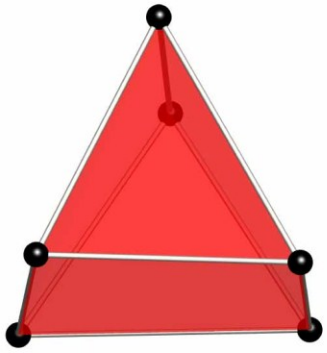
$Zr_6(CO_2)_{11}(O)_4(O)_4(O)_2$

$Zr_6(H_2C{=}CCH_3CO_2)_{11}(HO)_4(O)_4(H_2C{=}CCH_3COO)_2$

GOCXEB

G. Kickelbick et al *Inorg. Chim. Acta*, **1999**, 284, p 1

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

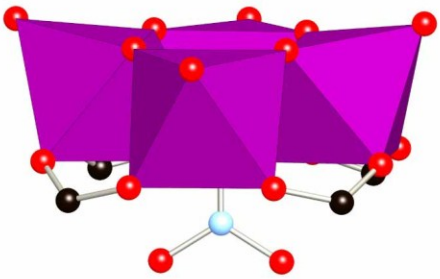
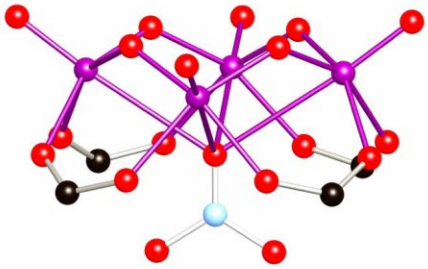
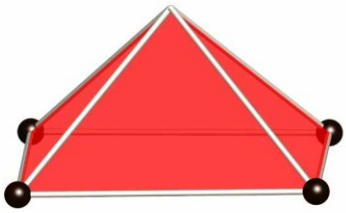




$Mo_6(CO_2)_6(CO_3)(Br)_3(P)_6$

$Mo_6(CF_3CO_2)_6(CO_3)(Br)_3(Ph_3P)_6$

GOXVAQ

Maw-Cherng Suen et al *Chem. Commun.*, **1999**, p 1185

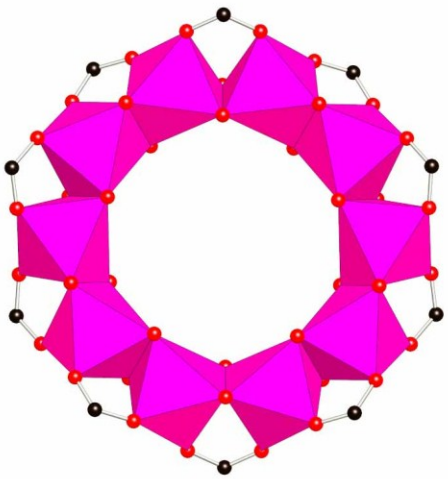
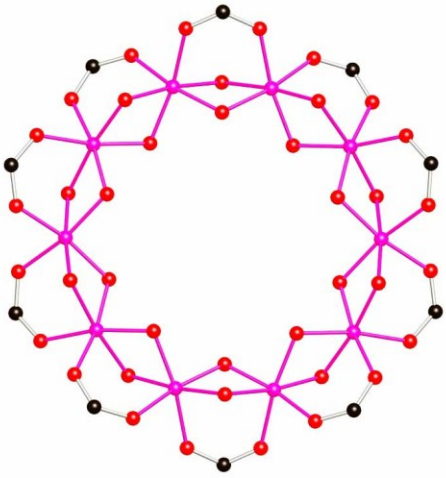
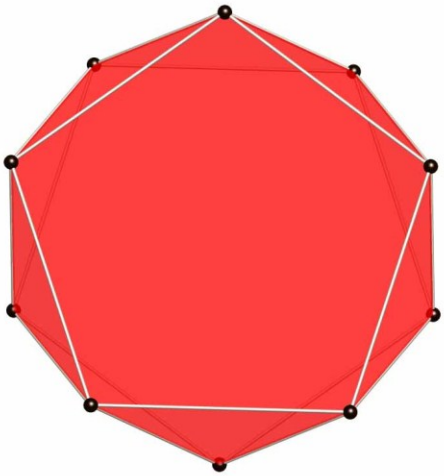




$V_4(CO_2)_4(O_2NO)(O)_4(O)_4$

$V_4(CH_3CO_2)_4(O_2NO)(O)_4(O)_4$

GUGVUZ

D.Wulff-Molder, M. Meisel *Acta Crystallogr, Sect. C*, **2000**, 56, p 33

$Cr_{10}(CO_2)_{10}(O)_{20}$

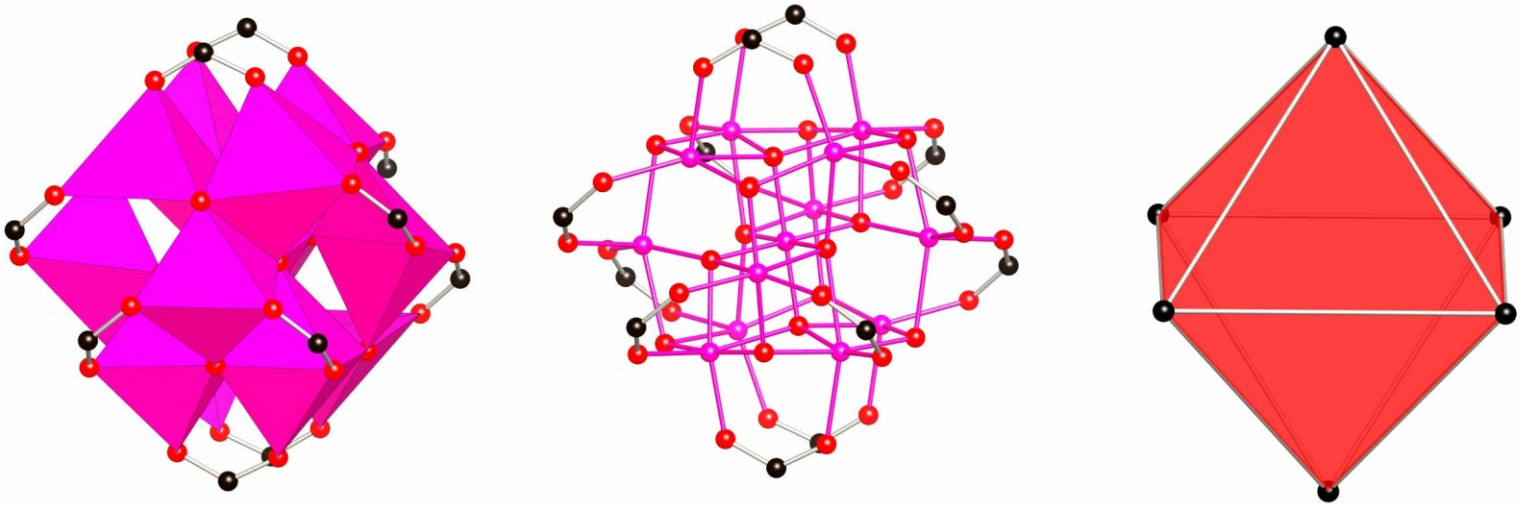
$Cr_{10}(CH_3CO_2)_{10}(CH_3O)_{20}$

GUHWAH

E.J.L. McInnes et al *Chem. Commun.*, **2001**, p 89

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

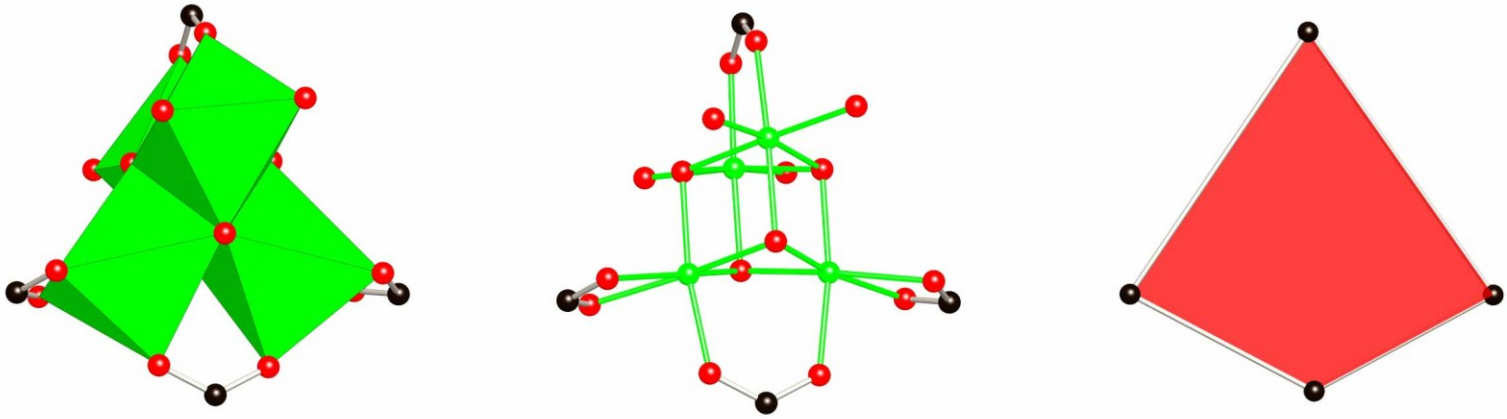


$Mn_{13}[(CO_2)_2]_6[O]_6[O]_8$

$Mn_{13}[Fe(C_5H_4CO_2)_2]_6[CH_3O]_6[O]_8$

GUVLUE

M. Kondo et al *Dalton Trans.*, **2003**, p 515

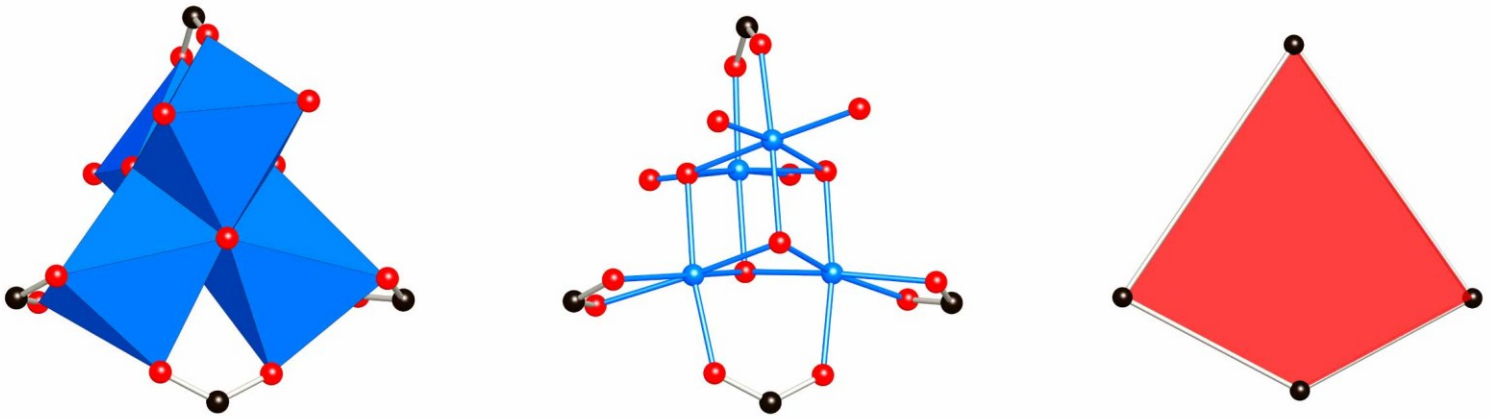


$Ni_4(CO_2)_4(O)_4(O)_4$

$Ni_4(Ph_3CCO_2)_4(CH_3O)_4(CH_3HO)_4$

HAJCAX

S. Parsons et al *Private Communication, The university of Edinburgh*, **2004**



$Co_4(CO_2)_4(O)_4(O)_4$

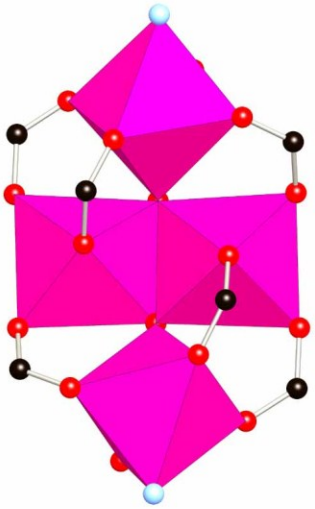
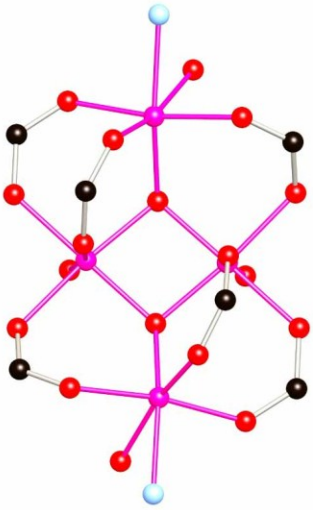
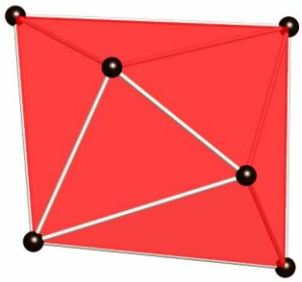
$Co_4(Ph_3CCO_2)_4(CH_3O)_4(CH_3HO)_4$

HAJCIF

S. Parsons et al *Private Communication, The university of Edinburgh*, **2004**

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

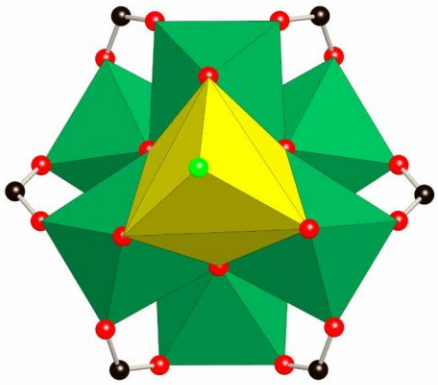
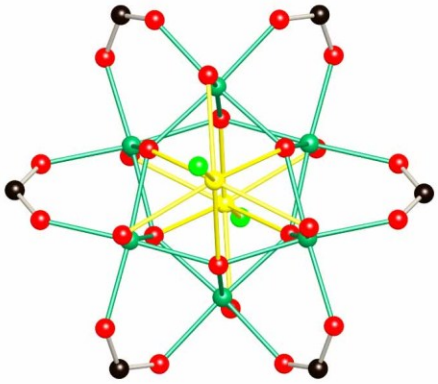
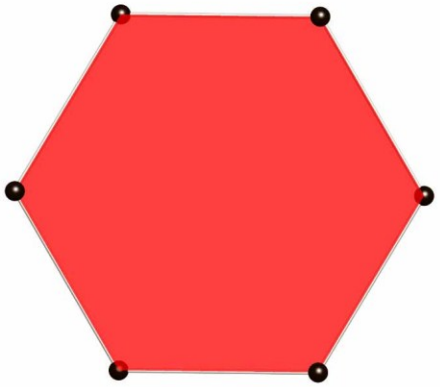
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

$Cr_4(CO_2)_6(O)_2(O)_2\{(O)_2(N)_2\}$

$Cr_4(CO_2)_6(O)_2(CH_3C_4H_3NHCO)_2\{(CH_3C_4H_3NHCO)_2\}$

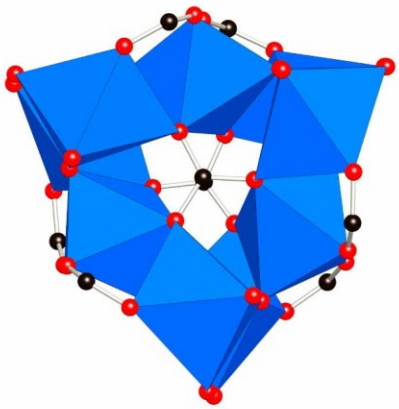
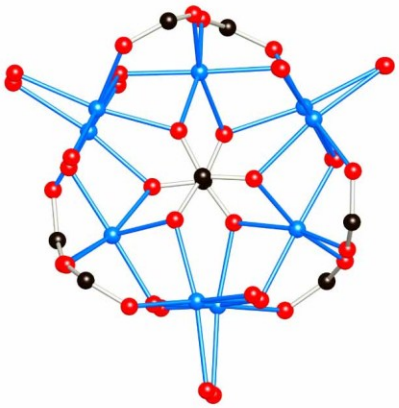
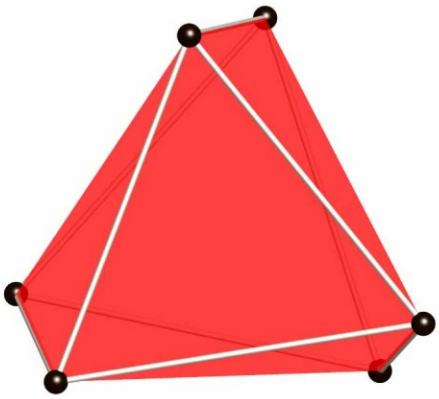
HAJDEC S. Parsons et al *Private Communication, The university of Edinburgh*, **2004**

$Ni_6Na_2(CO_2)_6(O)_6(O)_6(Cl)_2$

$Ni_6Na_2[(CH_3)_3CCO_2]_6[CH_3C_4H_3NHCO]_6[HO]_6[Cl]_2$

HAJFEE S. Parsons et al *Private Communication, The university of Edinburgh*, **2004**

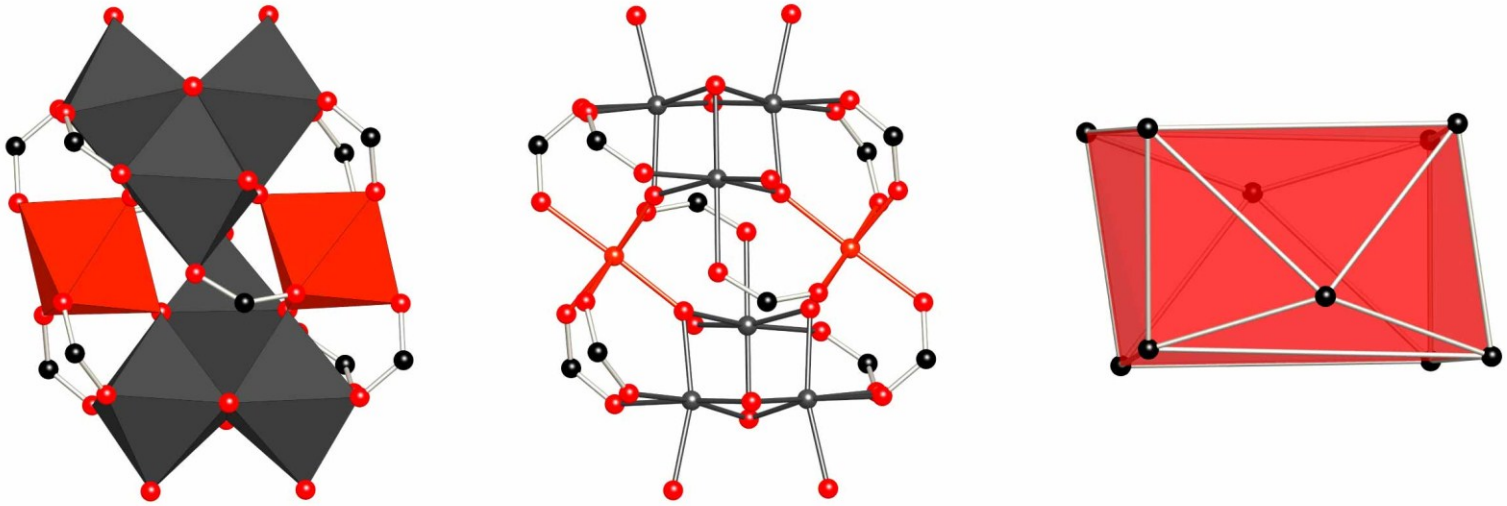
$Co_9[(CO_2)_6(O)_6](CO_3)_2(O)_6(O)_6$

$Co_9[o\text{-}CO_2C_6H_4COO]_6(CO_3)_2(HO)_6(O)_6$

HAJGIJ S. Parsons et al *Private Communication, The university of Edinburgh*, **2004**

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

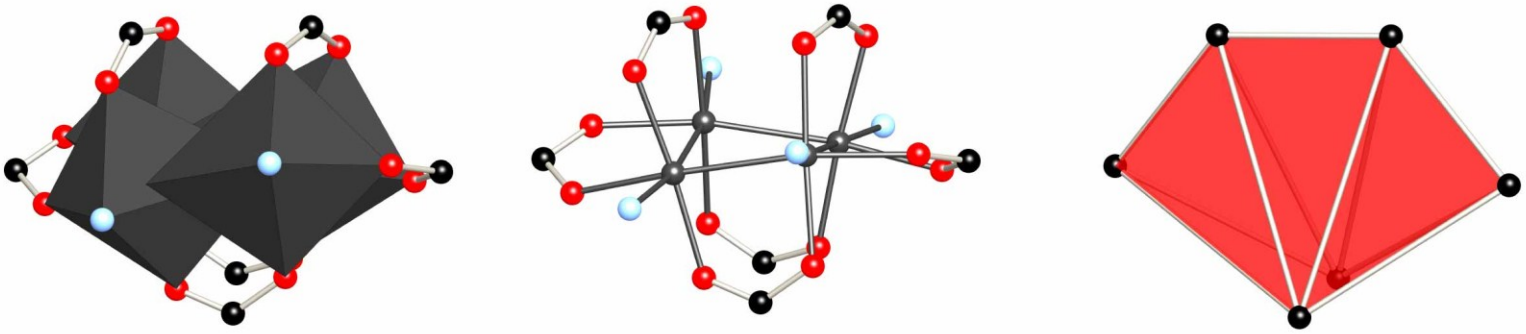
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283



$W_6V_2(CO_2)_{10}(O)_6(O)_4(O)_2(O)_2$

$W_6V_2(CH_3CH_2CO_2)_{10}(CH_3CH_2COO)_6(O)_4(O)_2(O)_2$

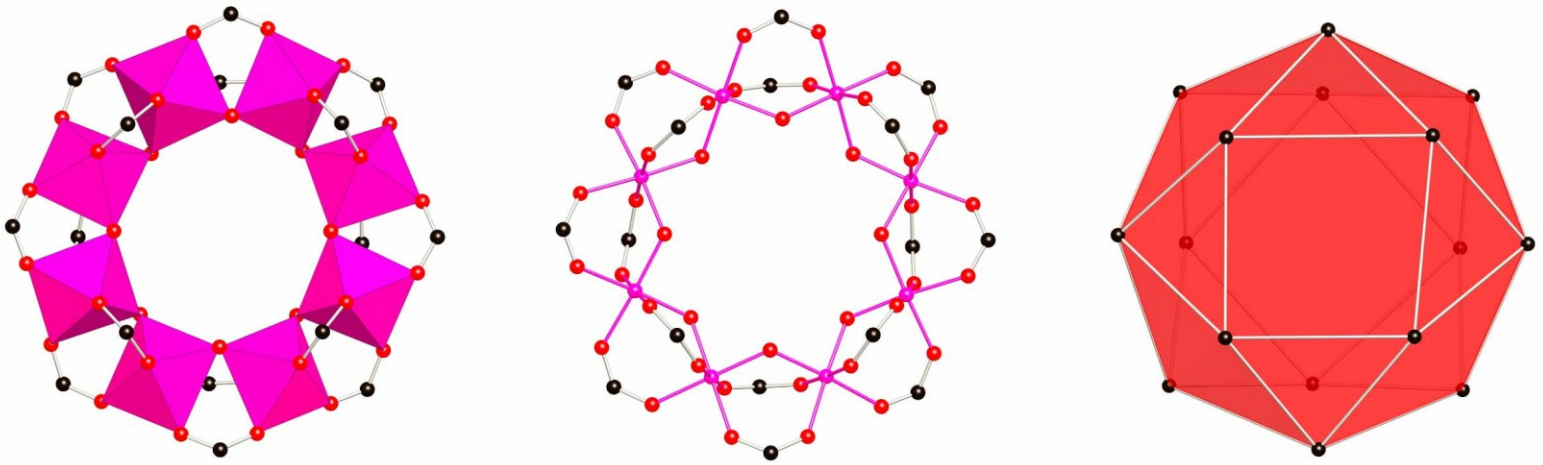
HENRUN Li Xu et al *J. Chem. Soc., Dalton Trans.*, **1994**, p 2099



$Pt_4(CO_2)_6(N)_4$

$Pt_4(CH_3CO_2)_6(C_5H_5N)_4$

HIKXEE A. N. Zhilyaev et al *Zh.Neorg.Khim.(Russ.)(Russ. J. Inorg. Chem.)*, **1998**, 43, p 1237



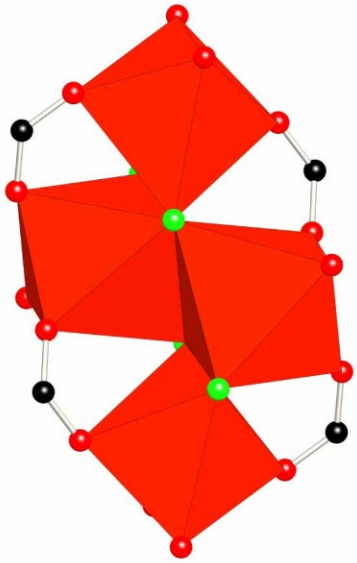
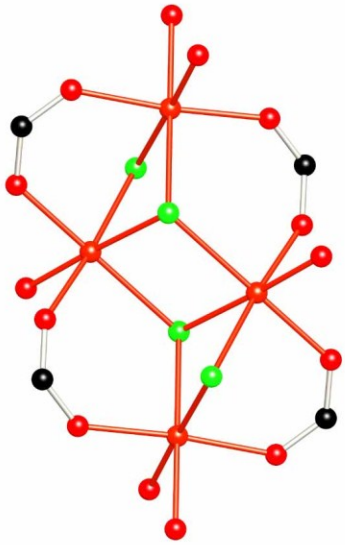
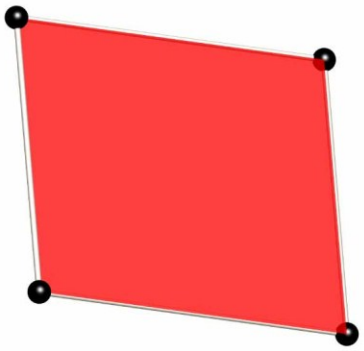
$Cr_8(CO_2)_{16}(O)_8$

$Cr_8(C_6H_5CO_2)_{16}(HO)_8$

HIPGOC I. M. Atkinson et al *Chem. Commun.*, **1999**, p 285

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

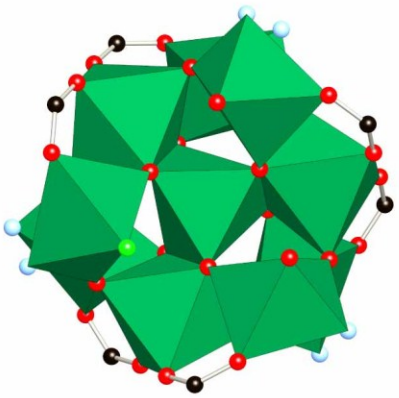
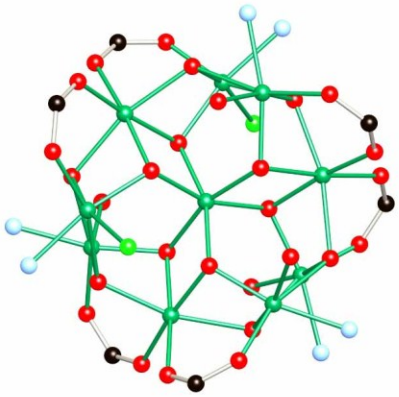
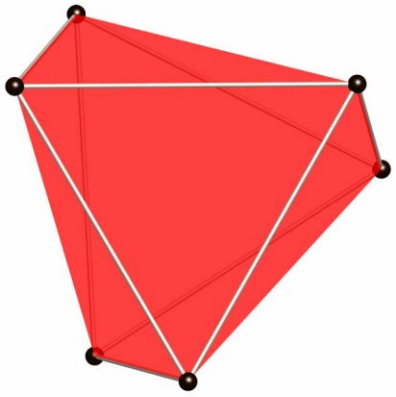




$V_4(CO_2)_4(Cl)_4(O)_6$

$V_4(CF_3CO_2)_4(Cl)_4(CH_2CH_2CH_2CH_2O)_6$

HOQCAR

P. J. Bonitatebus Junior, W. H. Armstrong *Chem. Commun.*, **1999**, p 55

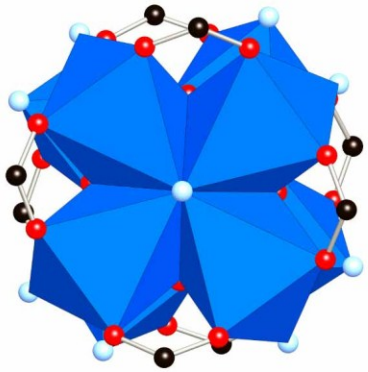
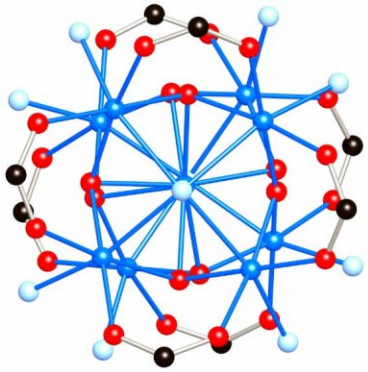
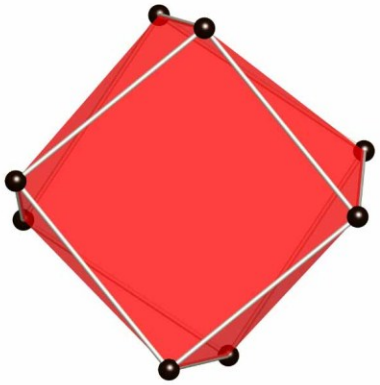




$Ni_{10}(CO_2)_6(Cl)_2[(O)_6(N)_6](O)_4(O)_6$

$Ni_{10}(Ph_2CHCO_2)_6(Cl)_2[OC_5H_3ClN]_6(H_2O)_4(HO)_6$

HUDQIG

C. Benelli et al *Chem. Eur. J.*, **2000**, 6, p 883

$Co_8(CO_2)_8[(N_2)_4(O_2)_4](N)_2$

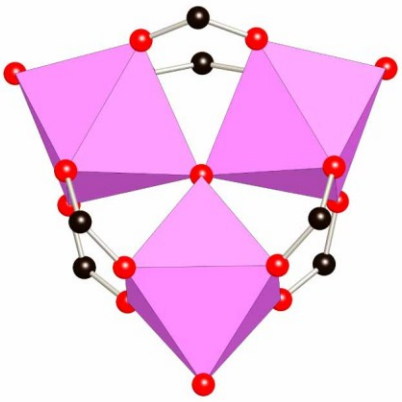
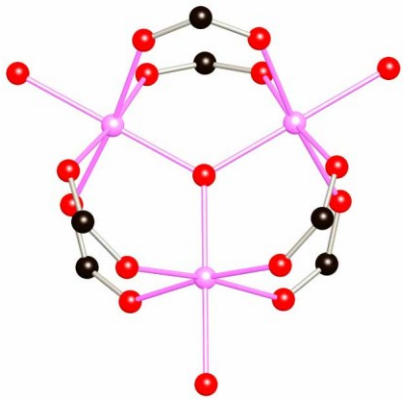
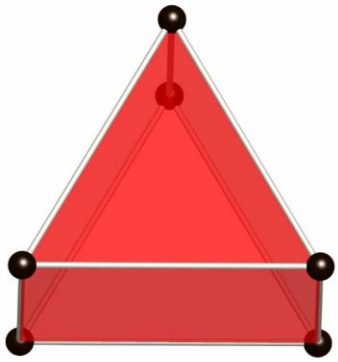
$Co_8(CH_3CO_2)_8[(o\text{-}NC_5H_4)_2CO_2]_4(N_3)_2$

IBEZIY

G. S. Papaefstathiou et al *Angew. Chem., Int. Ed.*, **2001**, 40, p 884

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

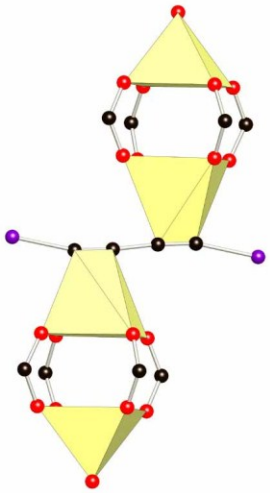
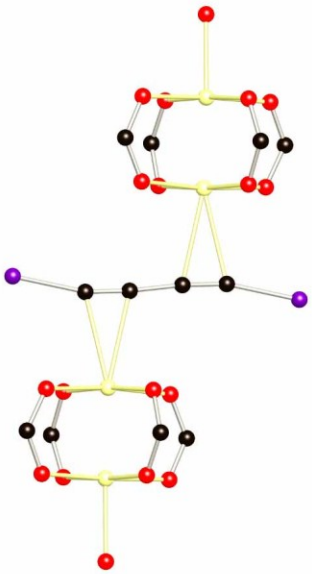
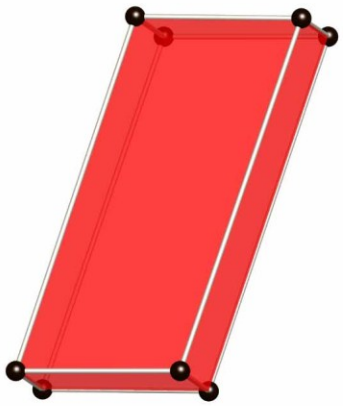




$Sc_3(CO_2)_6(O)(O)_3$

$Sc_3[p\text{-}CO_2C_6(OH)_4CO_2]_6(O)(H_2O)_3$

ICISAP

P.D.C. Dietzel et al *Dalton Trans.*, **2006**, p 2055

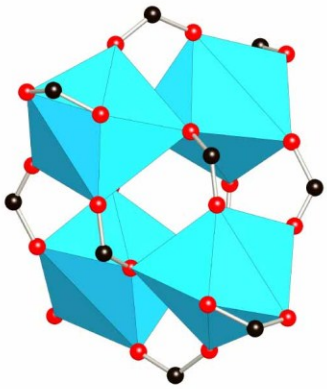
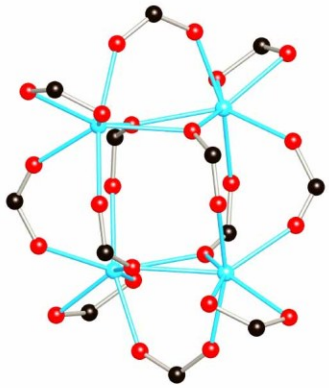
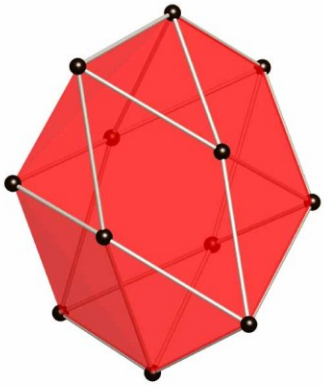




$Rh_4(CO_2)_8(O)_2(ICCCCI)$

$Rh_4[CF_3CO_2]_8[(CH_3)_2O]_2[ICCCCI]$

ILUPAG

E. V. Dikarev et al *J. Organomet. Chem.*, **2003**, 683, p 337

$Yb_4(CO_2)_{12}$

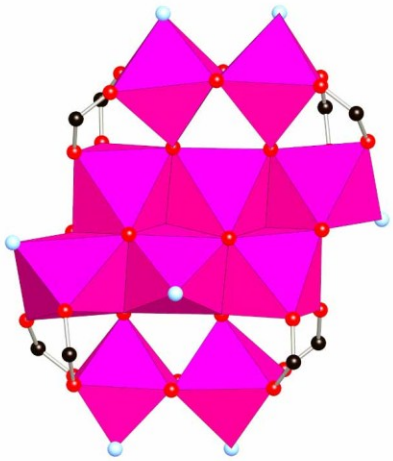
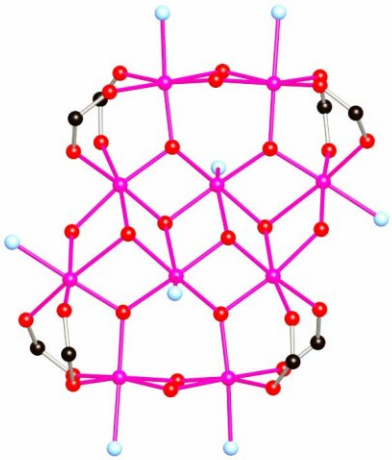
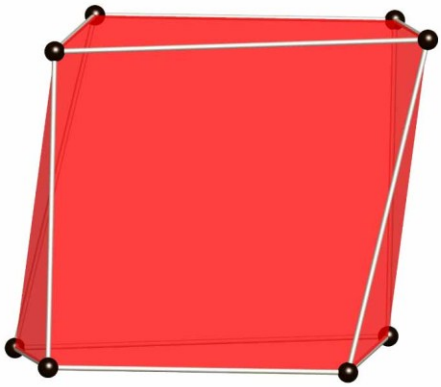
$Yb_4[(CH_3CCH_3)_2NCO_2]_{12}$

IPCBYB

D. Belli Dell'Amico et al *Chem. Commun.*, **1979**, p 1103

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

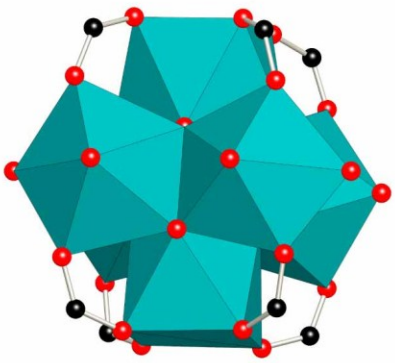
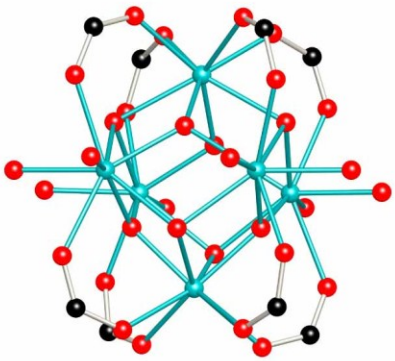
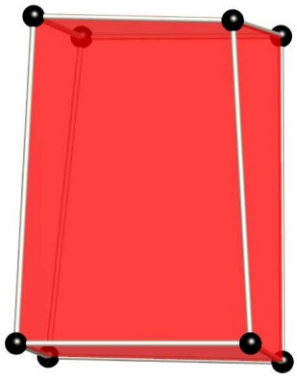




$Mn_{10}(CO_2)_8[(N)_8(O)_8](O)_6$

$Mn_{10}(CO_2)_8[NC_5H_4CH_2O]_8(O)_6$

IPULOU

N. C. Harden et al *Inorg. Chem.*, **2003**, 42, p 7067

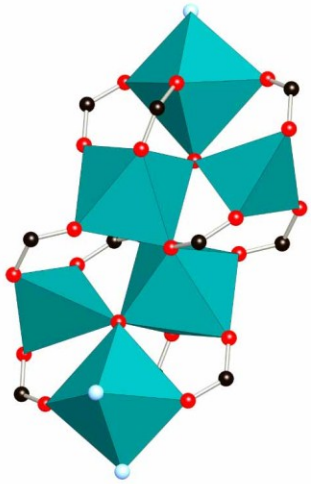
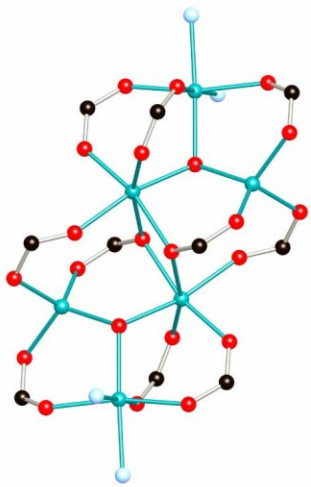
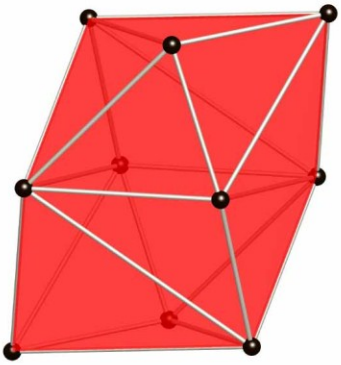




$Zr_6(CO_2)_8(O)_{16}$

$Zr_6\{[(CH_3)_2HC_3N_2]_2CHCO_2]_8[HO]_{16}$

ISEDOZ

A. Otero et al *Inorg. Chem.*, **2004**, 43, p 1350

$Co_6(CO_2)_{10}(O)_2(N)_4$

$Co_6[(CH_3)_3CCO_2]_{10}(HO)_2(C_5H_5N)_4$

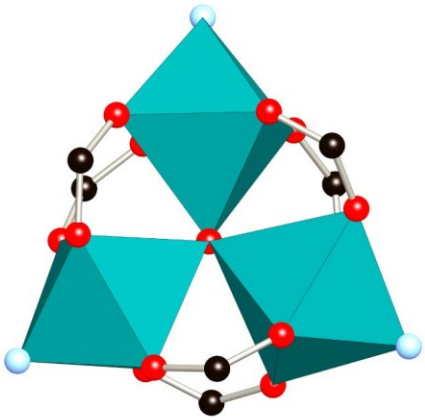
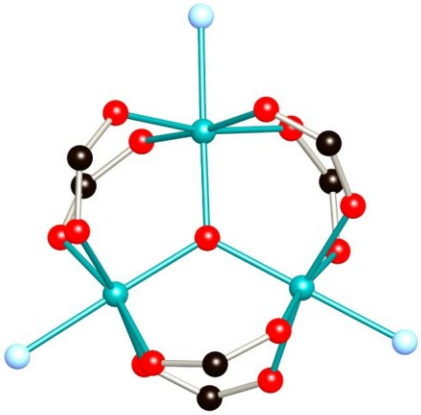
IWUTUP

E. V. Pakhmutova et al *Russ. Chem. Bull. (Russ.)*, **2003**, p 2013

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

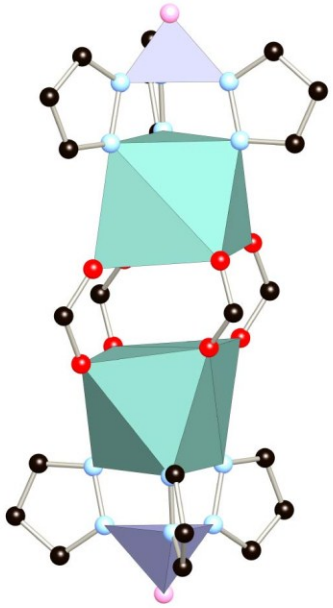
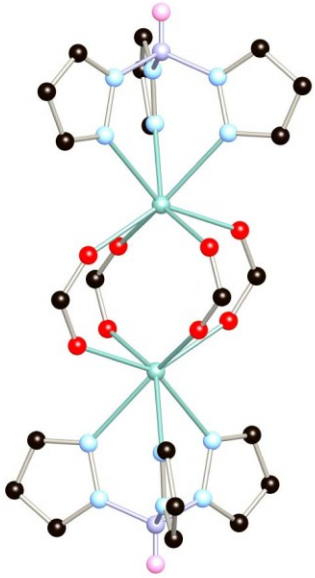
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283


$Co_3(CO_2)_6(O)(N)_3$

$Co_3[(CH_3)_3CCO_2]_6[O][C_5H_5N]_3$

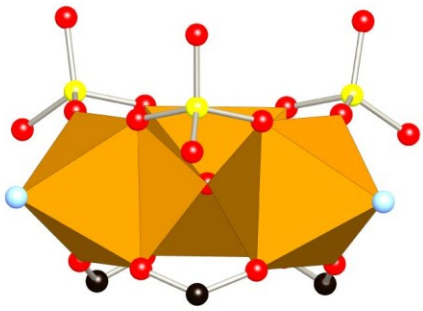
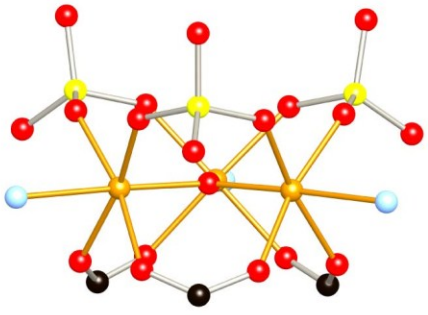
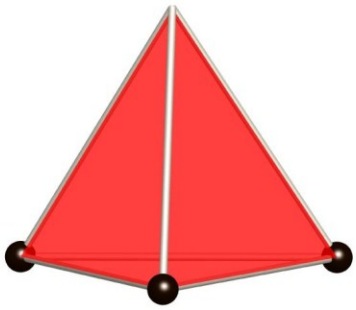
E. V. Pakhmutova et al *Russ. Chem. Bull. (Russ.)*, **2003**, p 2013


$Y_2(CO_2)_4(N_2C_3H_3)_6(BH)_2$

$Y_2(CH_3CO_2)_4(N_2C_3H_3)_6(BH)_2$

D. L. Reger et al *Inorg. Chem.*, **1988**, 27, p 3923

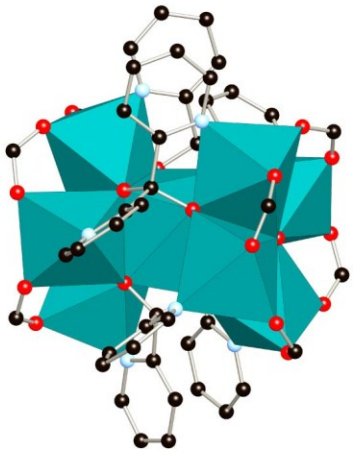
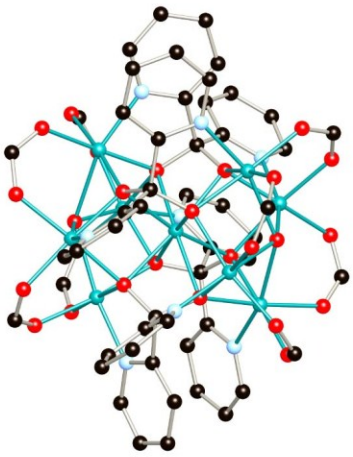
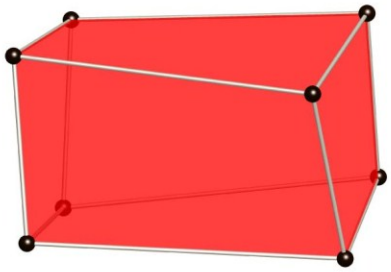




$Fe_3(CO_2)_3(SO_4)_3(N)_3$

$Fe_3(O_2CC_6H_4CO_2)_3(SO_4)_3(C_5H_5N)_3$

A. C. Sudik et al *J. Am. Chem. Soc.*, **2005**, 127, p 7119

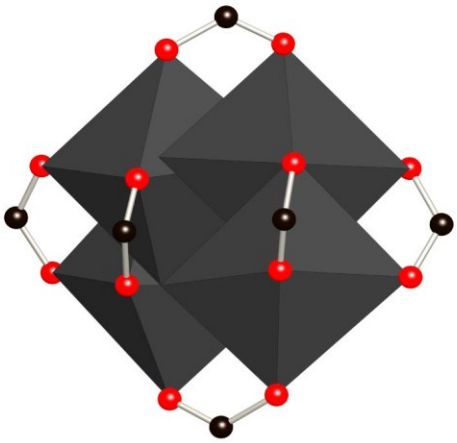
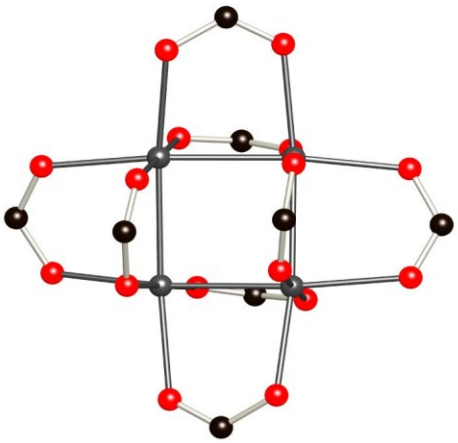
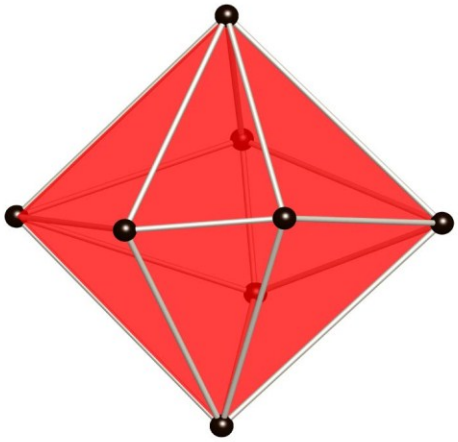
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

$Co_9(CO_2)_8(NC_5H_4CO_2C_5H_4N)_4(O)_2$

$Co_9(CH_3CO_2)_8(NC_5H_4CO_2C_5H_4N)_4(O)_2$

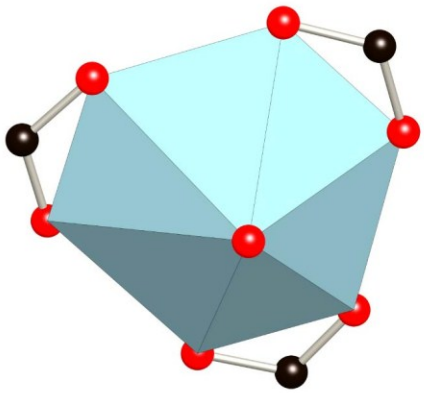
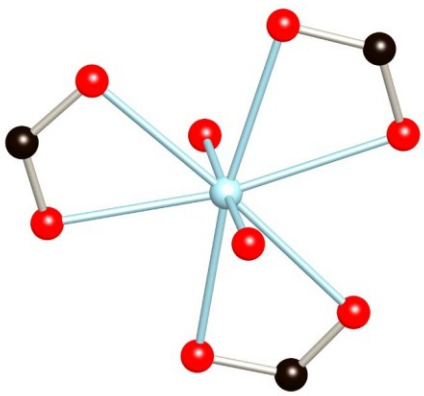
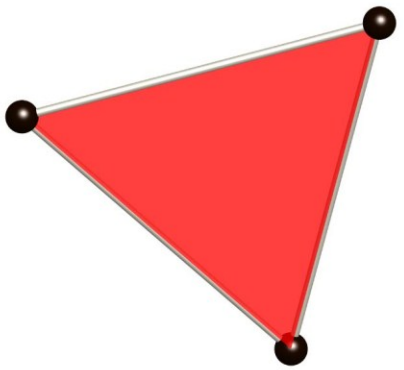
A. Tsohos et al *Angew. Chem., Int. Ed.*, **1999**, 38, p 983

$Pt_4(CO_2)_4(CO_2)_4$

$Pt_4(CH_3CO_2)_4(CCl_3CO_2)_4$

T. Yamaguchi et al *Inorg. Chem.*, **1989**, 28, p 4311

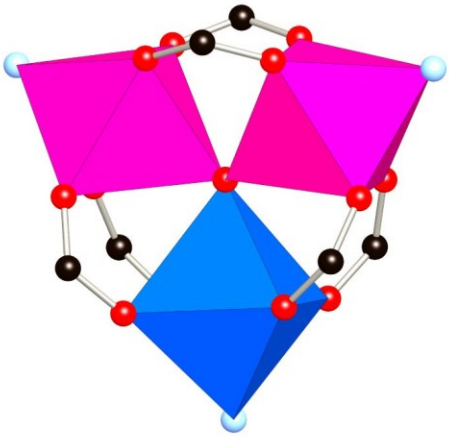
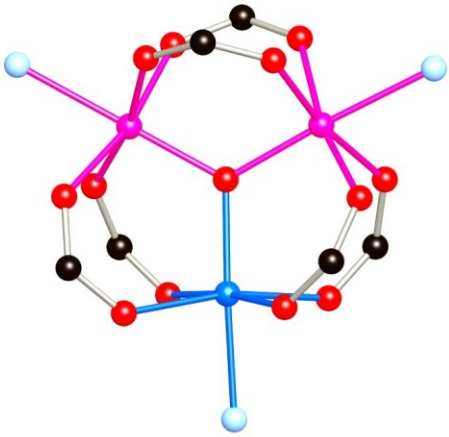
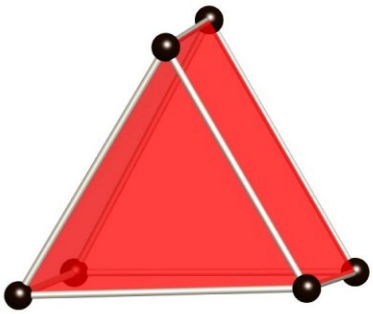
$U(CO_2)_3(O)_2$

$U(C_6H_5CH_2CO_2)_3(O)_2$

A. Bismondo et al *Inorg. Chim. Acta*, **1992**, 191, p 69

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

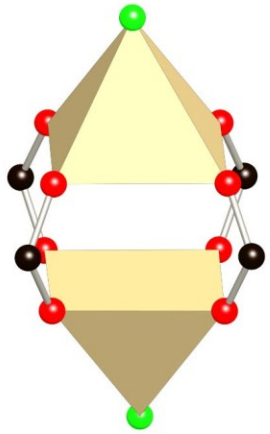
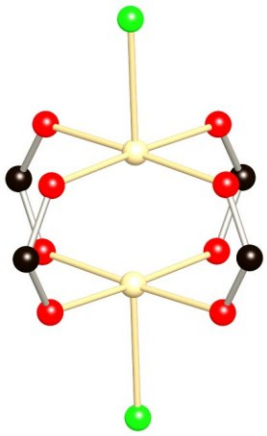
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

$Cr_2Co(CO_2)_6(N)_3$

$Cr_2Co[(CH_3)_3CCO_2]_6[C_5H_{10}N]_3$

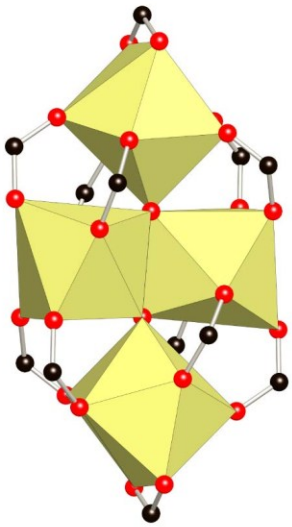
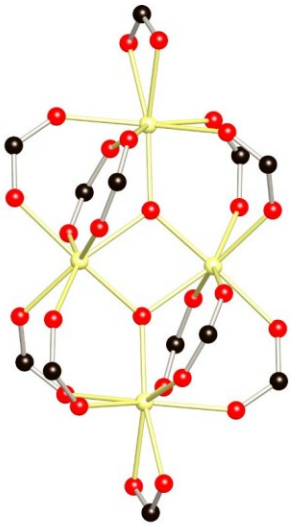
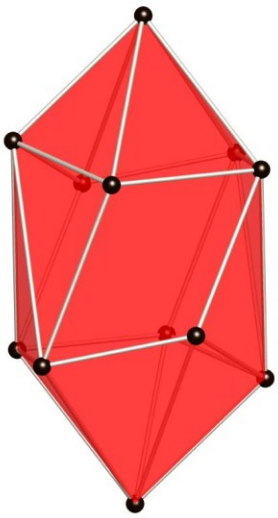
A. S. Batsanov et al *Koord. Khim. (Russ.) (Coord. Chem.)*, **1991**, 17, p 922


$Os_2(CO_2)_4(Cl)_2$

$Os_2(o\text{-}Ph\text{-}C_6H_4CO_2)_4(Cl)_2$

F. A. Cotton et al *Inorg. Chem.*, **1993**, 32, p 965

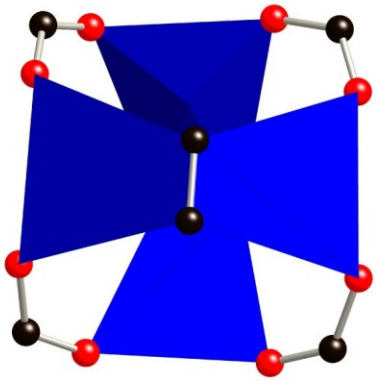
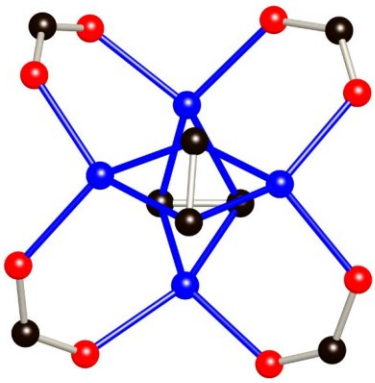
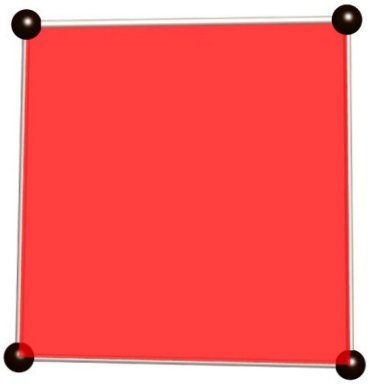
$Hf_4(CO_2)_{12}(O)_2$

$Hf_4(CH_2{=}CCH_3CO_2)_{12}(O)_2$

S. Gross et al *Monatsh. Chem.*, **2003**, 134, p 1053

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

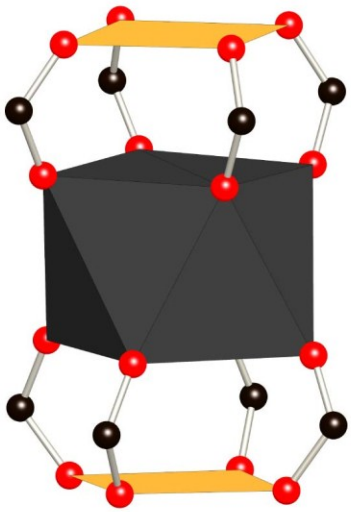
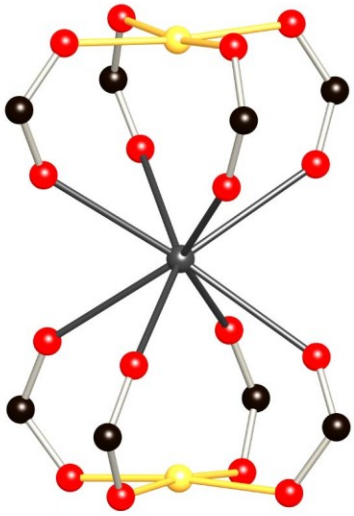
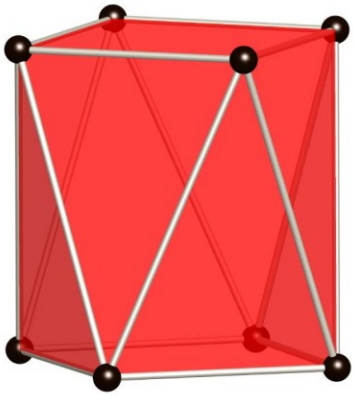
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

$Cu_4(CO_2)_4(C_2)_2$

$Cu_4(CF_3CO_2)_4(CH_3CH_2CCCH_2CH_3)_2$

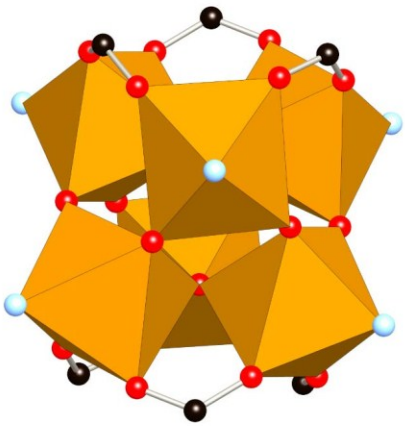
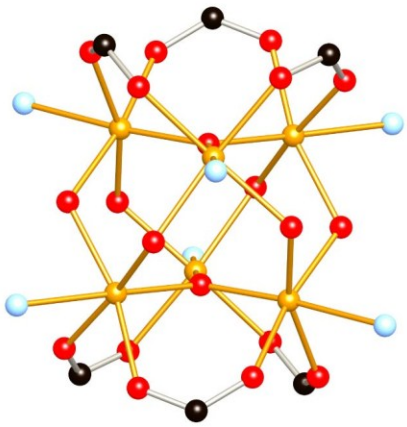
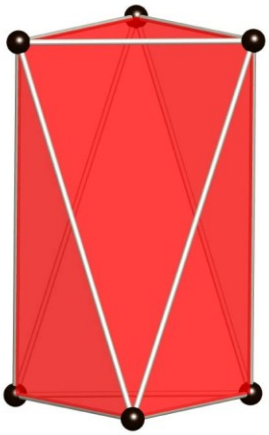
D. L. Reger et al *Organometallics,* **1989**, 8, p 848

$PbAu_2(CO_2)_8$

$PbAu_2(CH_3CO_2)_8$

P. G. Jones et al *Z. Naturforsch., B:Chem. Sci.*, **1988**, 43, p 807

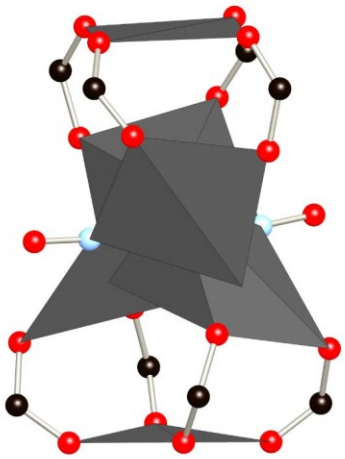
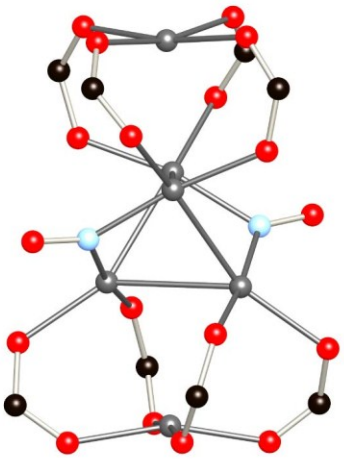
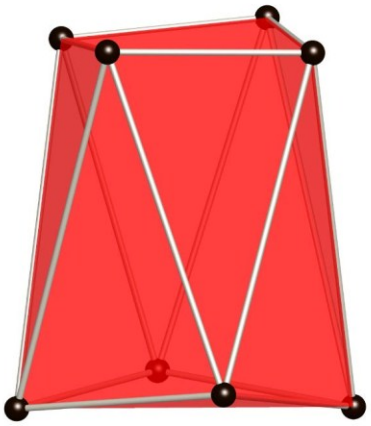
$Fe_6(CO_2)_6(NO)_4$

$Fe_6[(CH_3)_3CCO_2]_6[NC_5H_4CH_2O]_4$

E. K. Brechin et al *Inorg. Chim. Acta,* **2000**, 297, p 389

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

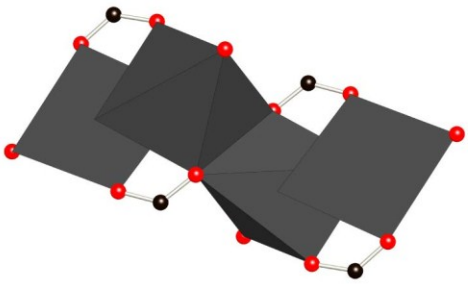
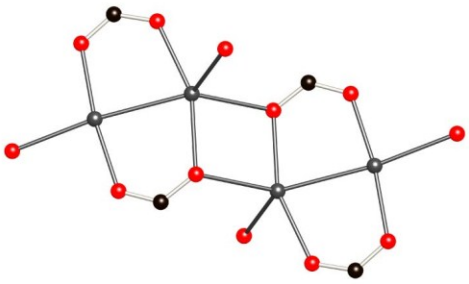
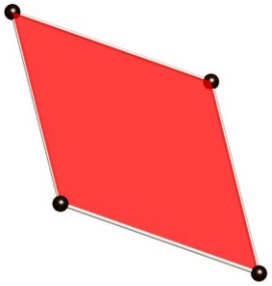
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

$Pd_6(CO_2)_8(NO)_2$

$Pd_6(CH_3CO_2)_8(NO)_2$

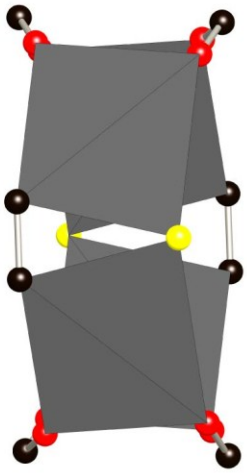
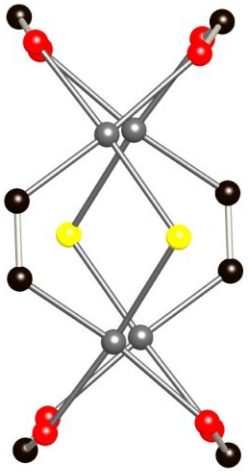
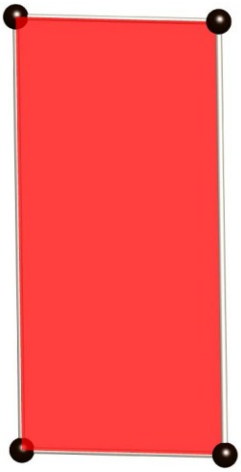
A. Chiesa et al *Chem. Commun.*, **1990**, p 350

$Ag_4(CO_2)_4(O)_4$

$Ag_4(p\text{-}F\text{-}C_6H_4OCH_2CO_2)_4(H_2O)_4$

G. Smith et al *Aust. J. Chem.*, **1990**, 43, p 1707

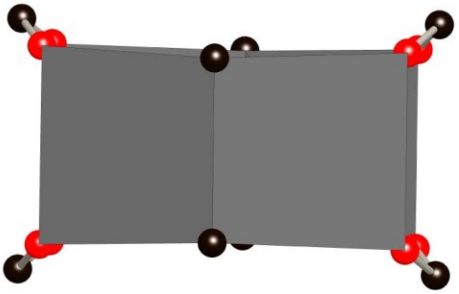
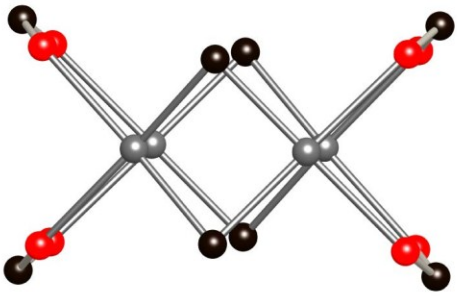
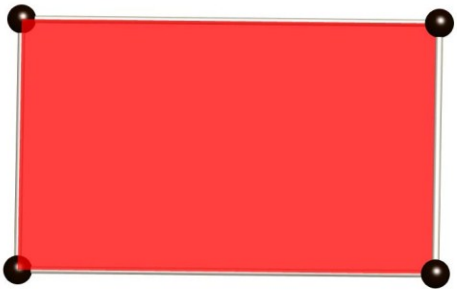
$Pd_4(CO_2)_4(S)_2(CC)_2$

$Pd_4[CH_3CO_2]_4[(CH_3CH_3C)_2S]_2[C_6H_4]_2$

Y. Fuchita et al *Inorg. Chim. Acta*, **1993**, 205, p 185

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

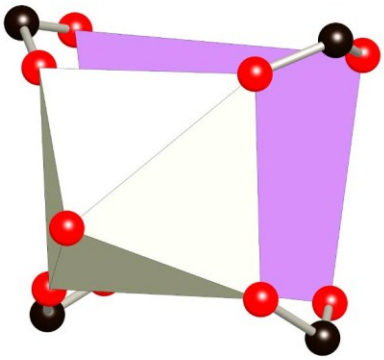
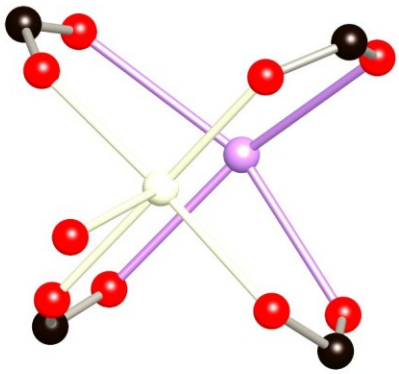
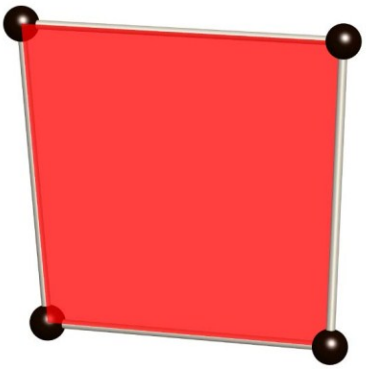
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$Pd_4(CO_2)_4(C)_4$

$Pd_4(CH_3CO_2)_4(2,6\text{-di-}CH_3\text{-}C_6H_3NC)_4$

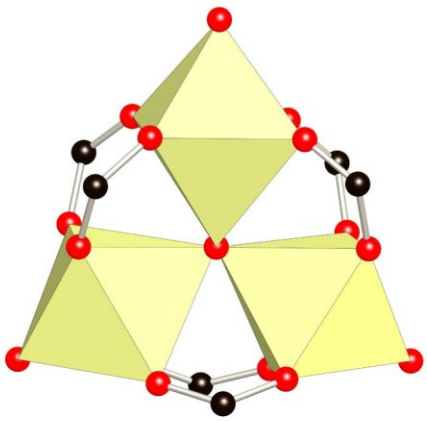
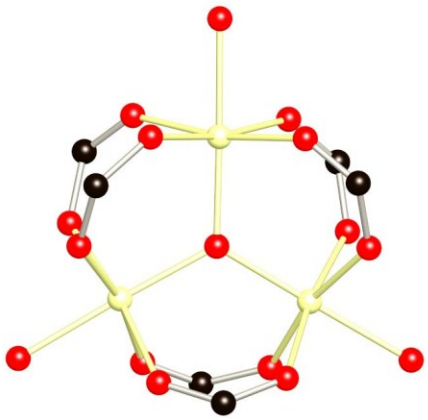
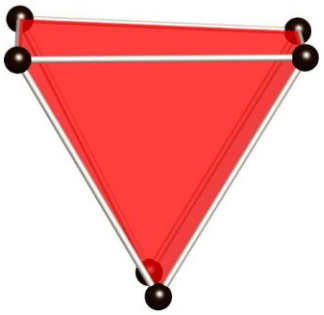
A. D. Burrows et al *J. Organomet. Chem.*, **1993**, 456, p 155

$RhBi(CO_2)_2(CO_2)_2(O)$

$RhBi[CF_3CO_2]_2[(CH_3)_3CCO_2]_2[(CH_3)_3CCOO]$

E. V. Dikarev et al *J. Am. Chem. Soc.*, **2006**, 128, p 2814

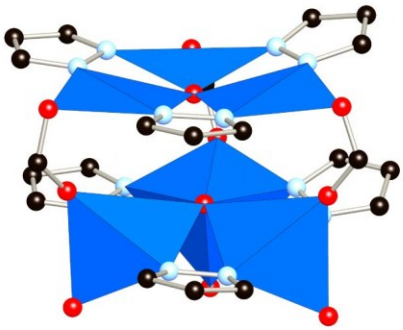
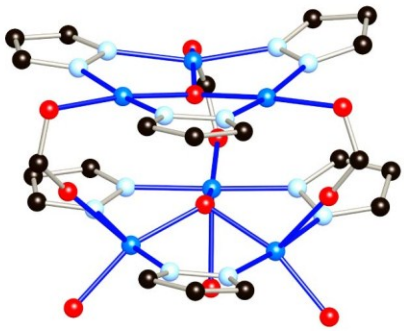
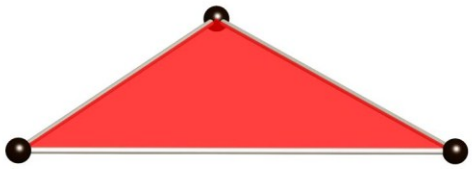
$Ir_3(CO_2)_6(O)_3(O)$

$Ir_3(CH_3CO_2)_6(H_2O)_3(O)$

O. Almog et al *Inorg. Chim. Acta*, **1993**, 213, p 99

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

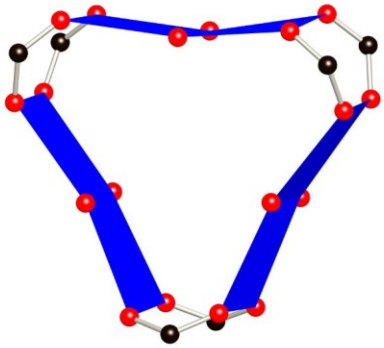
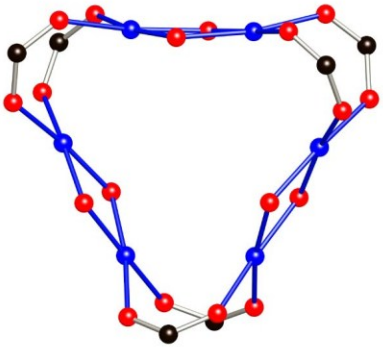
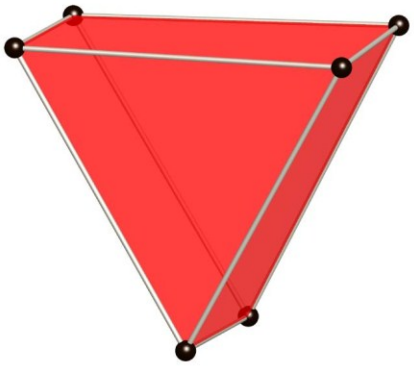
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

$Cu_6(CO_2)_3(C_3N_2)_6(O)_2(O)_2(O)$

$Cu_6(C_6H_5CO_2)_3(O_2NC_3H_2N_2)_6(C_6H_5COO)_2(O)_2(O)$

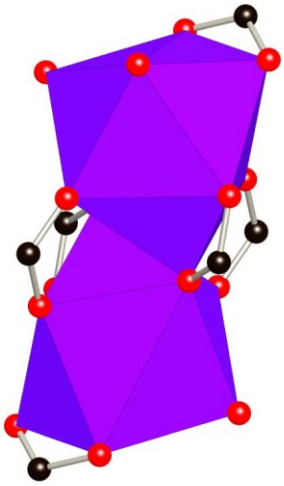
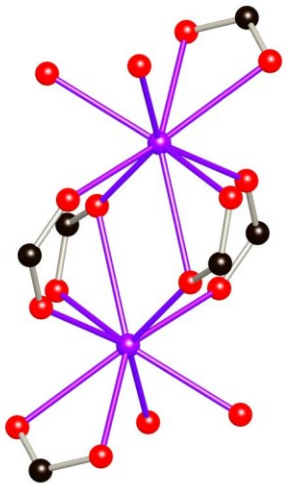
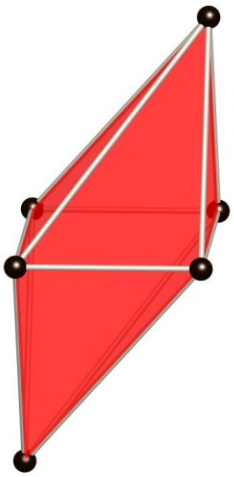
G. Mezei et al *Inorg. Chim. Acta*, **2004**, 357, p 3721

$Cu_6(CO_2)_6(O)_6$

$Cu_6[(CH_3)_3CCO_2]_6[CH_3CH_2O]_6$

M. Mikuriya et al *Chem. Lett.*, **1999**, p 57

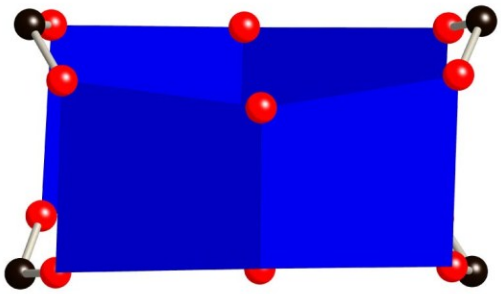
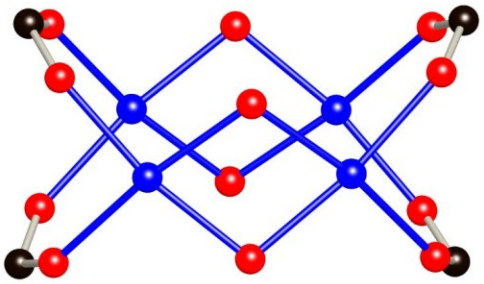
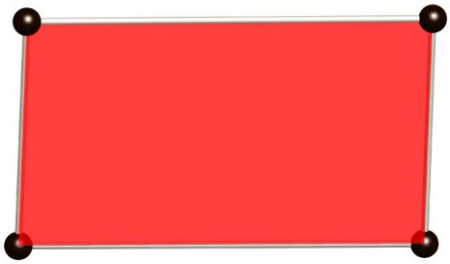




$Tb_2(CO_2)_6(O)_2(O)_2$

$Tb_2(o\text{-}F\text{-}C_6H_4CO_2)_6(o\text{-}F\text{-}C_6H_4O)_2(H_2O)_2$

Xia Li et al *Eur. J. Inorg. Chem.*, **2005**, p 2909

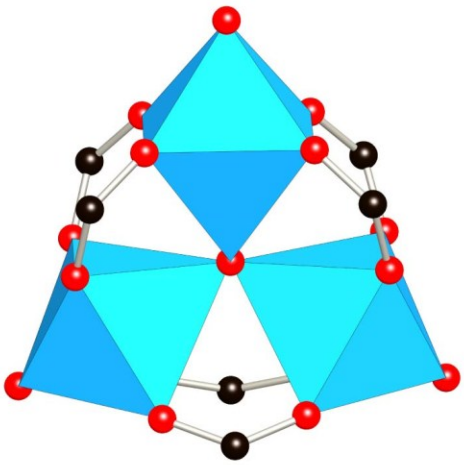
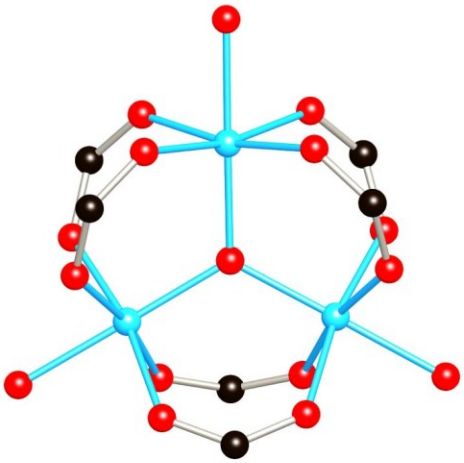
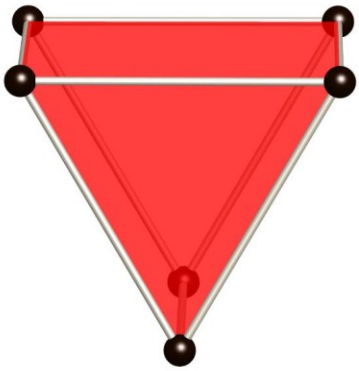
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

$Cu_4(CO_2)_4(O)_4$

$Cu_4(CH_3CO_2)_4(CH_3O)_4$

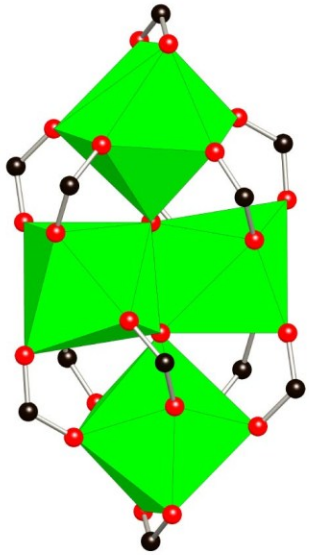
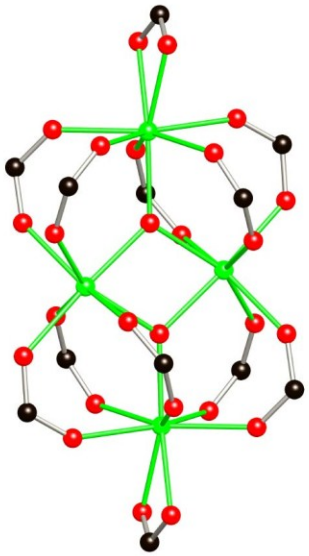
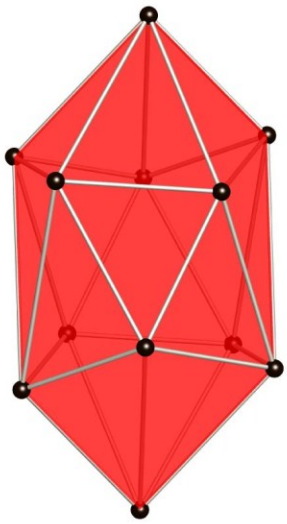
Liang-Ping Wu et al *J. Chem. Soc., Dalton Trans.*, **1996**, p 2179

$Al_3(CO_2)_6(O)_3(O)$

$Al_3(F_3CCO_2)_6(CH_2CH_2CH_2CH_2O)_3(O)$

H. Hatop et al *Inorg. Chem.*, **2002**, 41, p 1022

$Zr_4(CO_2)_{12}(O)_2$

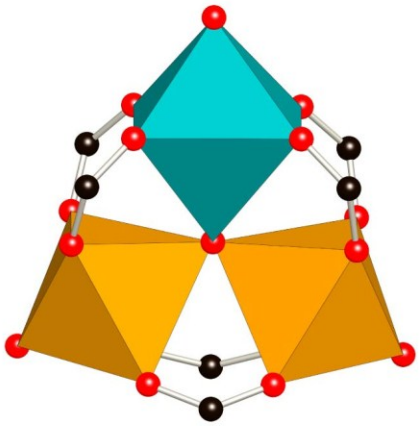
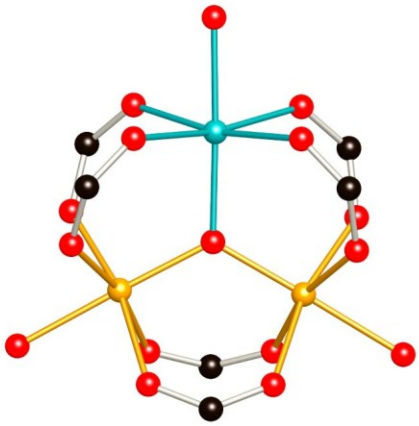
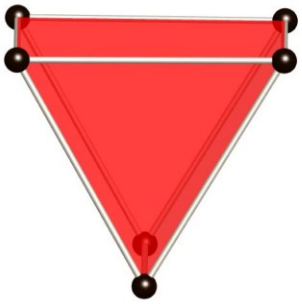
$Zr_4(CH_2{=}CCH_3CO_2)_{12}(O)_2$

G. Trimmel et al *Appl. Organomet. Chem.*, **2001**, 15, p 401

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

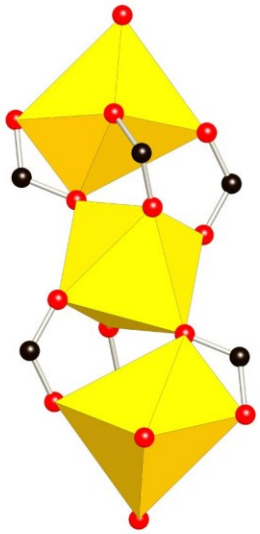
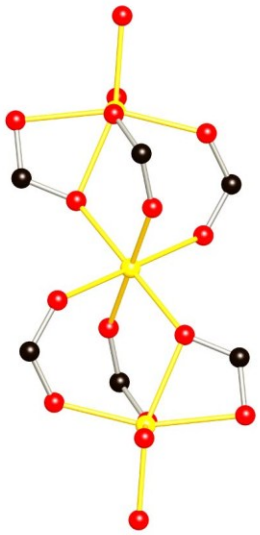
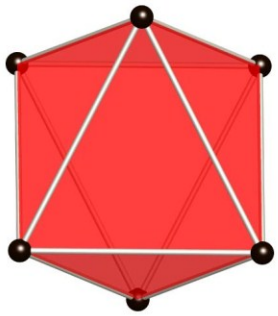
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

$Fe_2Co(CO_2)_6(O)_3(O)$

$Fe_2Co(F_3CCO_2)_6(H_2O)_3(O)$

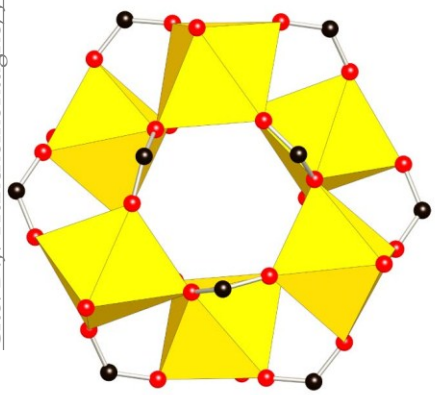
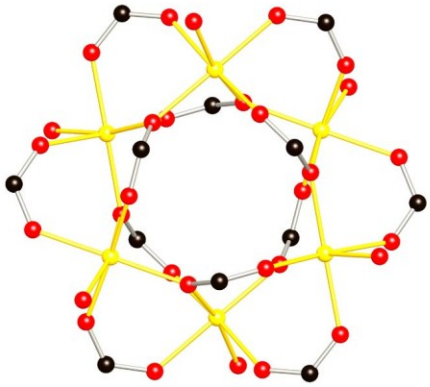
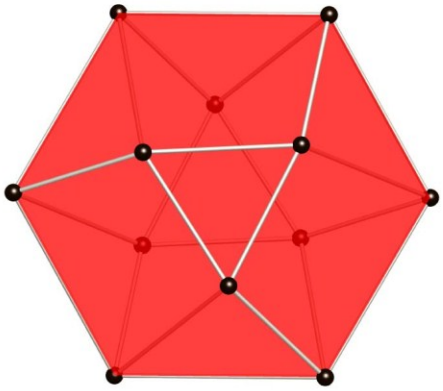
K. S. Gavrilenko et al *Eur. J. Inorg. Chem.*, **2002**, p 3347

$Mg_3(CO_2)_6(O)_2(O)_2$

$Mg_3(CH_3CO_2)_6(CH_3COO)_2(H_2O)_2$

E. N. Coker et al *Polyhedron*, **2004**, 23, p 1739

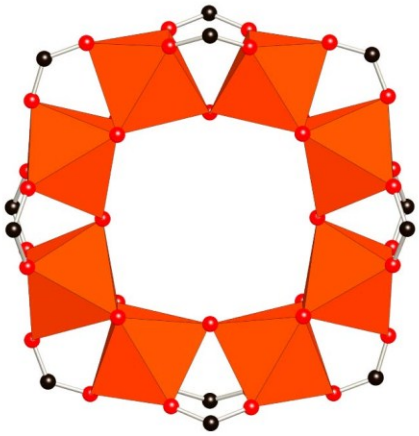
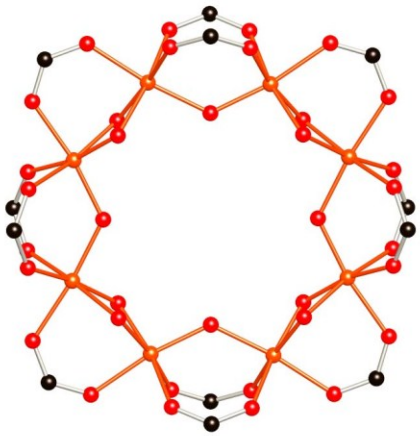
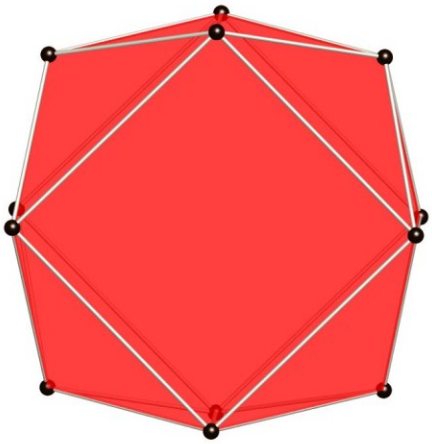




$Mg_6(CO_2)_{12}(O)_6$

$Mg_6[(CH_3)_2CCO_2]_{12}[(CH_3)_2CCOO]_6$

E. N. Coker et al *Polyhedron*, **2004**, 23, p 1739

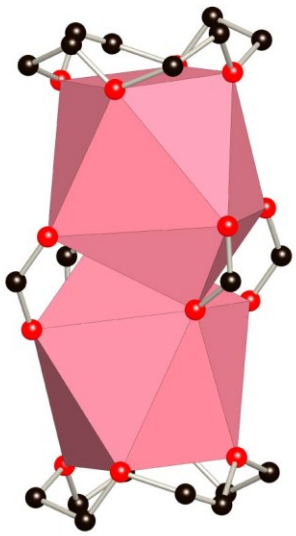
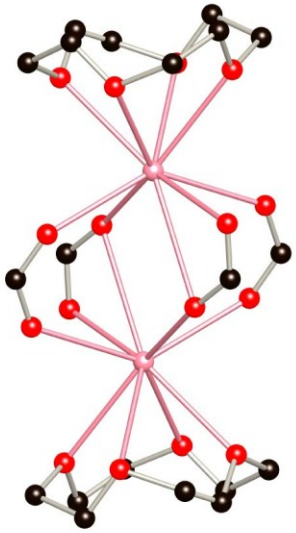
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

$V_8(CO_2)_{12}(O)_8(O)_4$

$V_8(CH_3CO_2)_{12}(CH_3CH_2O)_8(HO)_4$

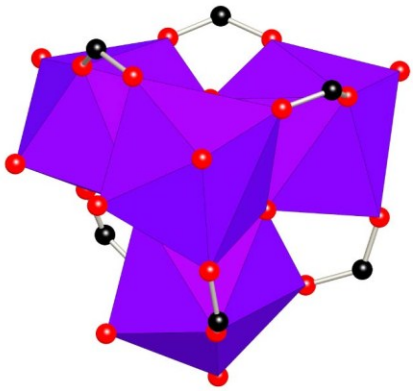
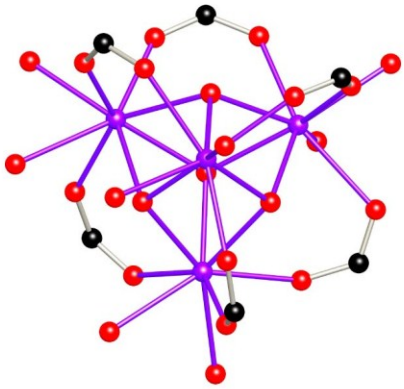
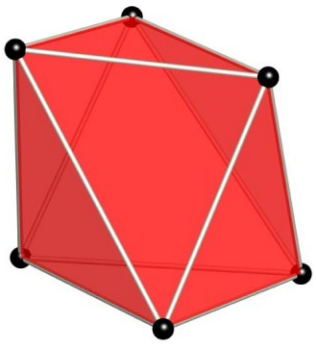
H. Kumagai, S. Kitagawa *Chem. Lett.*, **1996**, p 471


$Ba_2(CO_2)_4(C_2OC_2OC_2OC_2O)_2$

$Ba_2(CF_3CO_2)_4(C_2H_4OC_2H_4OC_2H_4OC_2H_4O)_2$

W. A. Wojtczak et al *Inorg. Chem.*, **1998**, 37, p 1781

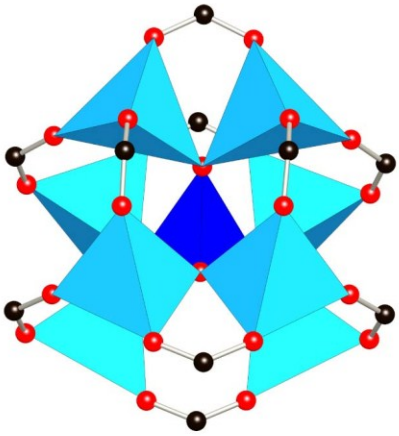
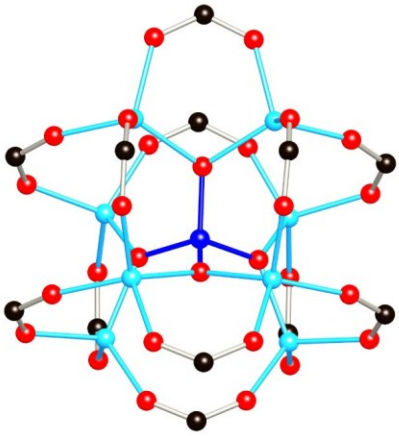
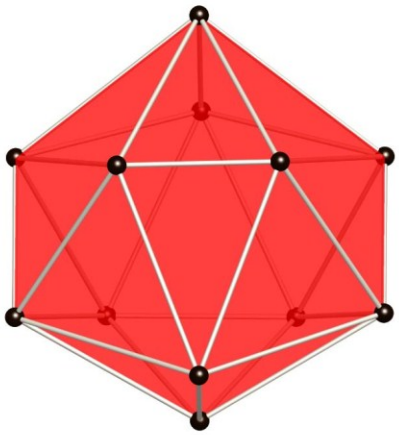
$Tb_4(CO_2)_6(O)_8$

$Tb_4(H_5C_5NCH_2CO_2)_6(H_2O)_8$

Xiao-Ming Chen et al *Polyhedron*, **1997**, 16, p 4265

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

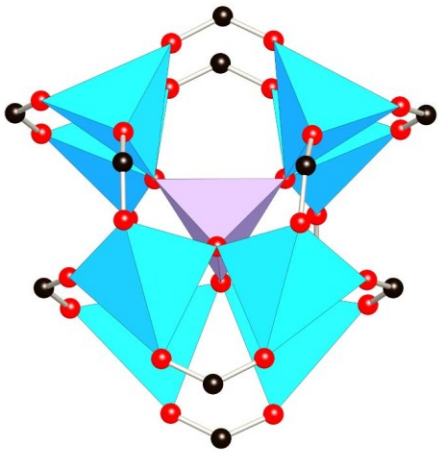
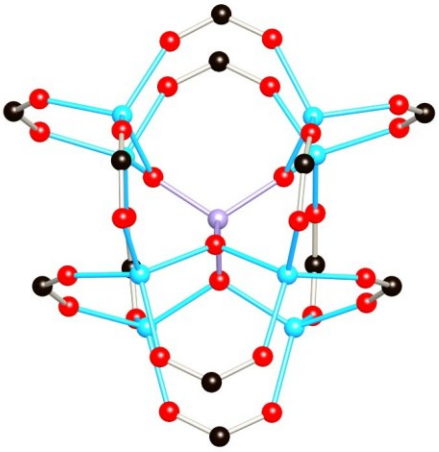
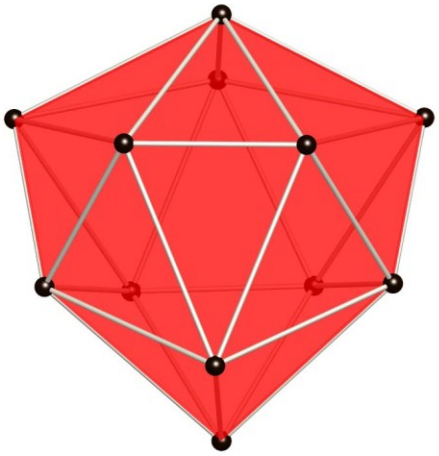
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

$Zn_8Si(CO_2)_{12}(O)_4$

$Zn_8Si(O_2CC_6H_4CO_2)_{12}(O)_4$

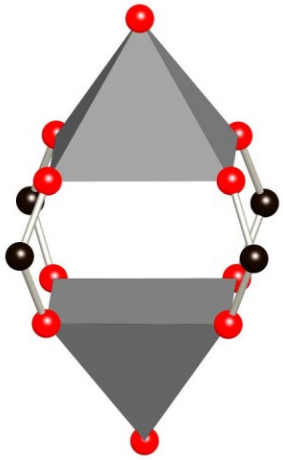
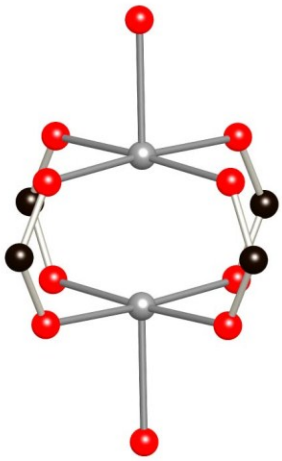
S. Y. Yang et al *Chem. Mater.*, **2002**, 14, p 3229

$Zn_8Ge(CO_2)_{12}(O)_4$

$Zn_8Ge(O_2CC_6H_4CO_2)_{12}(O)_4$

Jinxi Chen et al *Chem. Lett.*, **2003**, 32, p 474

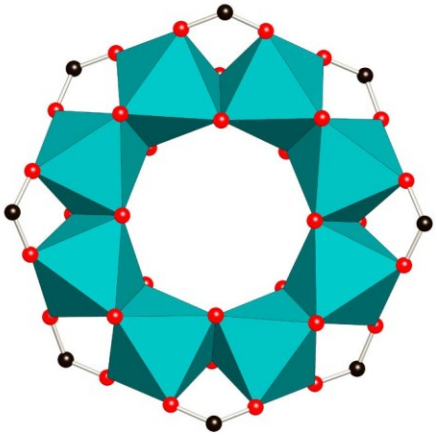
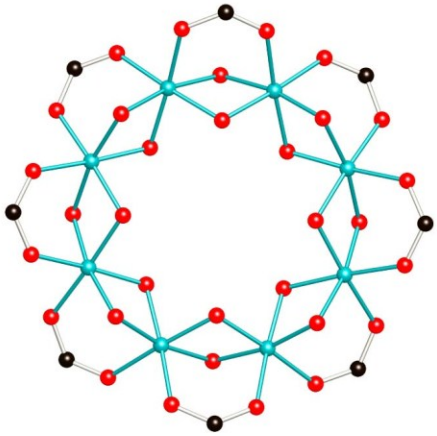
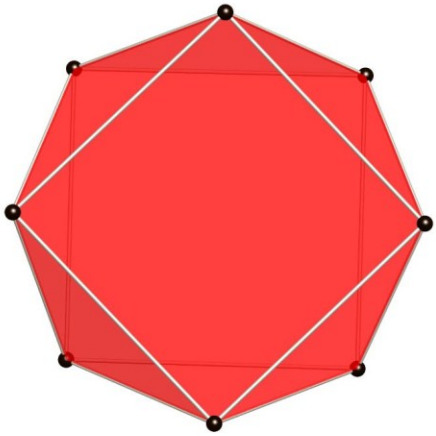

$Pt_2(CO_2)_4(O)_2$

$Pt_2(CH_3CO_2)_4(H_2O)_2$

T. G. Appleton et al *J. Am. Chem. Soc.*, **1992**, 114, p 7305

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

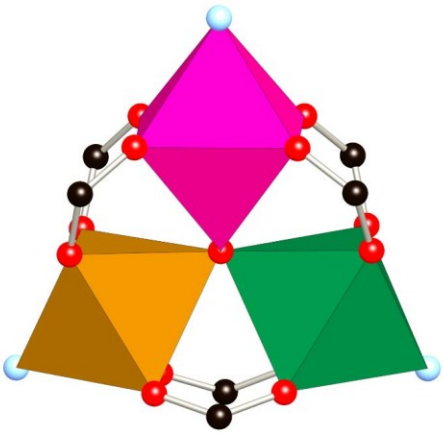
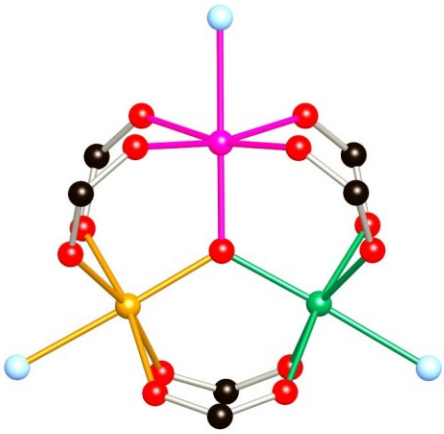
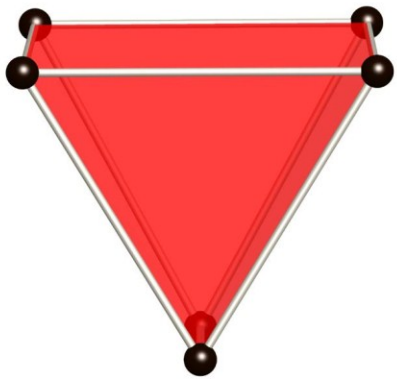
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

$Co_8(CO_2)_8(O)_{16}$

$Co_8(CH_3CO_2)_8(CH_3O)_{16}$

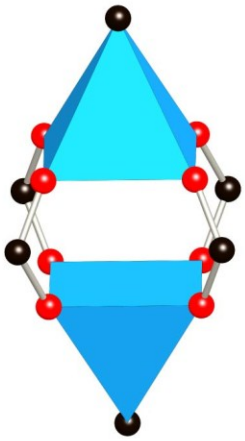
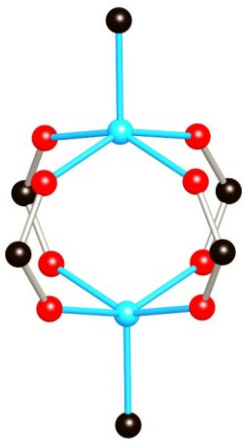
J. K. Beattie et al *Chem. Commun.*, **1998**, p 45

$CrFeNi(CO_2)_6(N)_3(O)$

$CrFeNi(CH_3CO_2)_6(H_5C_5N)_3(O)$

A. B. Blake et al *J. Chem. Soc., Dalton Trans.*, **1998**, p 45

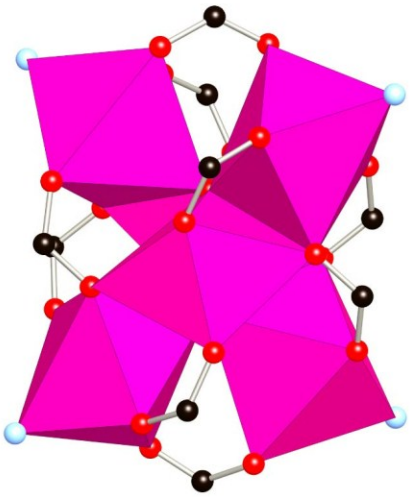
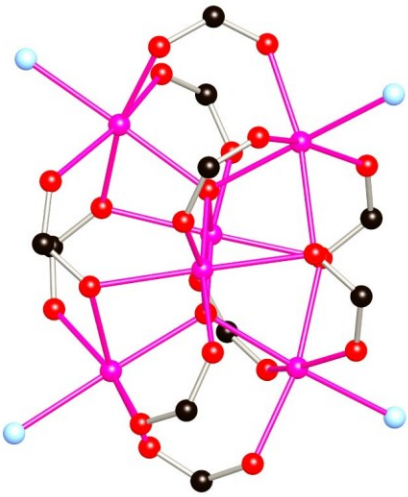
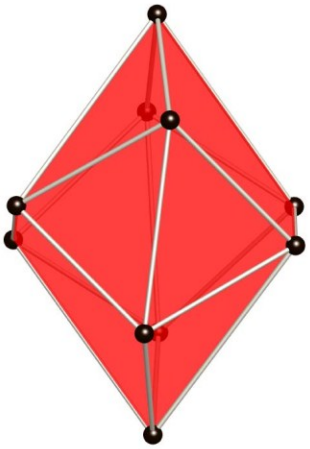

$Al_2(CO_2)_4(C)_2$

$Al_2\{CH_2[CH_2C(CH_3)_2]_2NCO_2\}_4\{H_3C\}_2$

K. Knabel et al *Eur. J. Inorg. Chem.*, **1998**, p 1095

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

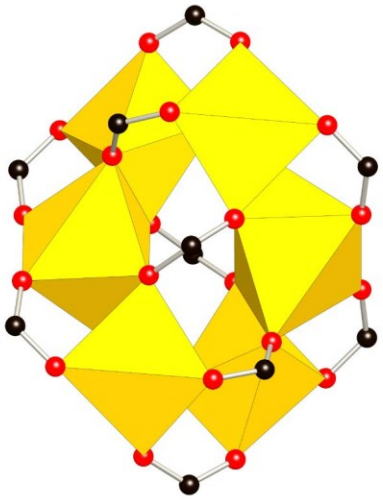
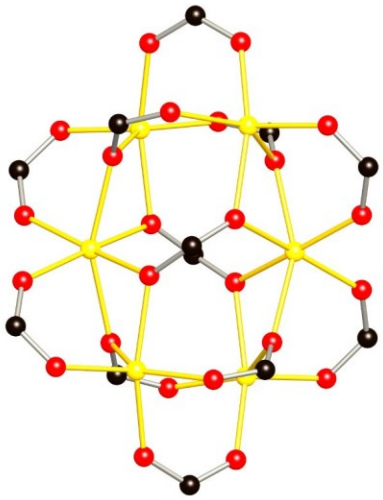
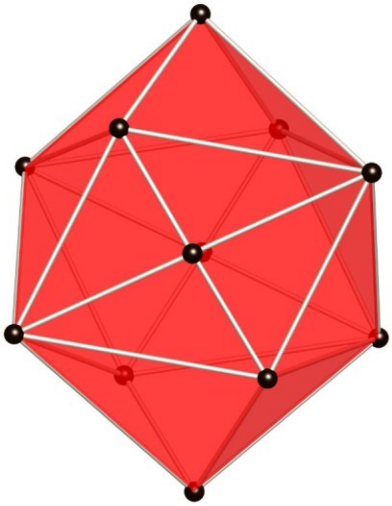
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

$Mn_6(CO_2)_{10}(N)_4$

$Mn_6(CH_3CO_2)_{10}(H_5C_5N)_4$

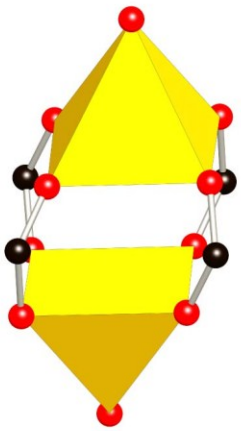
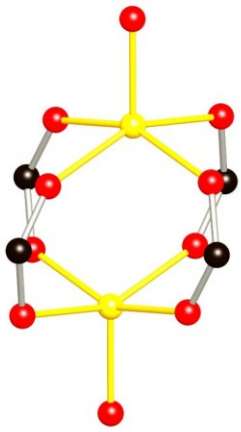
P. Karsten, J. Strahle *Acta Crystallogr., Sect. C*, **1998**, 54, p 1403

$Mg_6(CO_2)_{12}$

$Mg_6[(CH_3CH_2)_2NCO_2]_{12}$

Kuo-Ching Yang et al *Organometallics*, **2001**, 20, p 126


$Mg_2(CO_2)_4(O)_2$

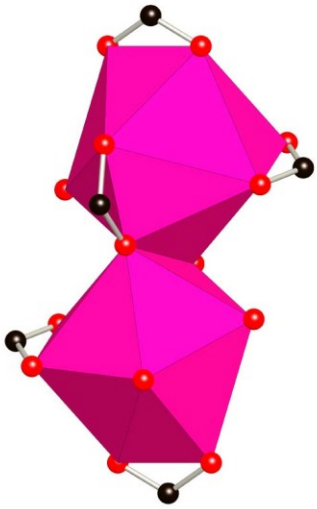
$Mg_2[(C_6H_5)_2NCO_2]_4[(CH_3NCH_3)_3P{=}O]_2$

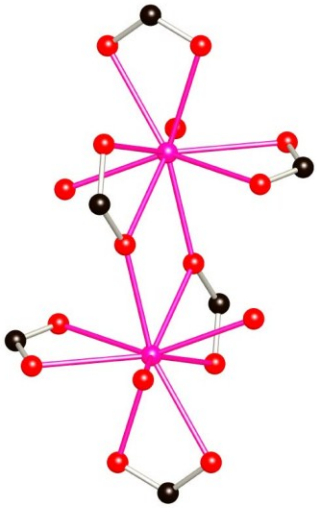
Kuo-Ching Yang et al *Organometallics*, **2001**, 20, p 126

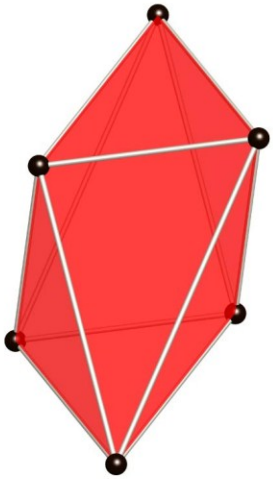
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283



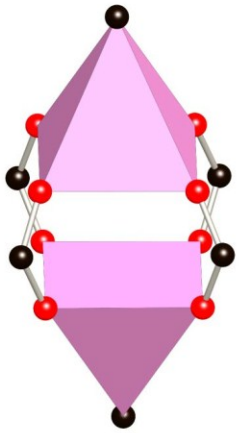


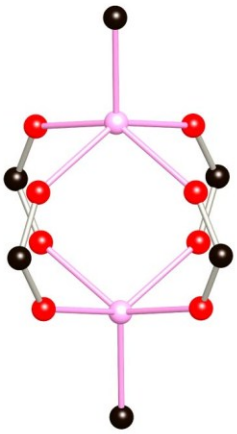


$Sm_2(CO_2)_6(O)_4$

$Sm_2(CH_3CO_2)_6(H_2O)_4$

P. C. Junk et al *Aust. J. Chem.*, **1999**, 52, p 437



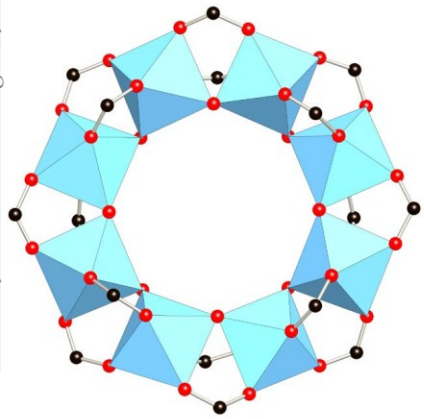


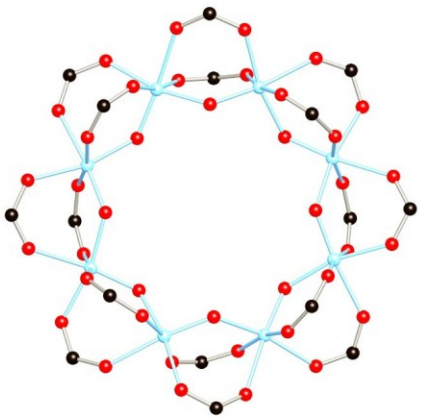


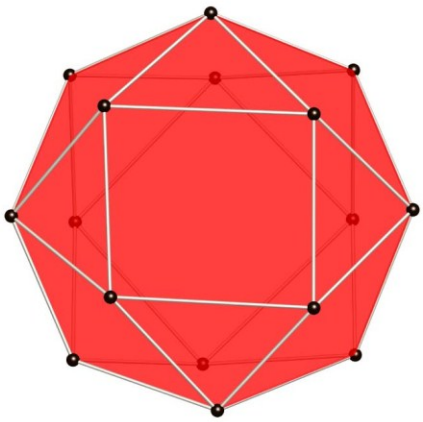
$In_2(CO_2)_4(C)_2$

$In_2\{C_6H_5CO_2\}_4\{[(CH_3)_3Si]_2HC\}_2$

W. Uhl et al *Z. Anorg. Allg. Chem.*, **1997**, 623, p 883





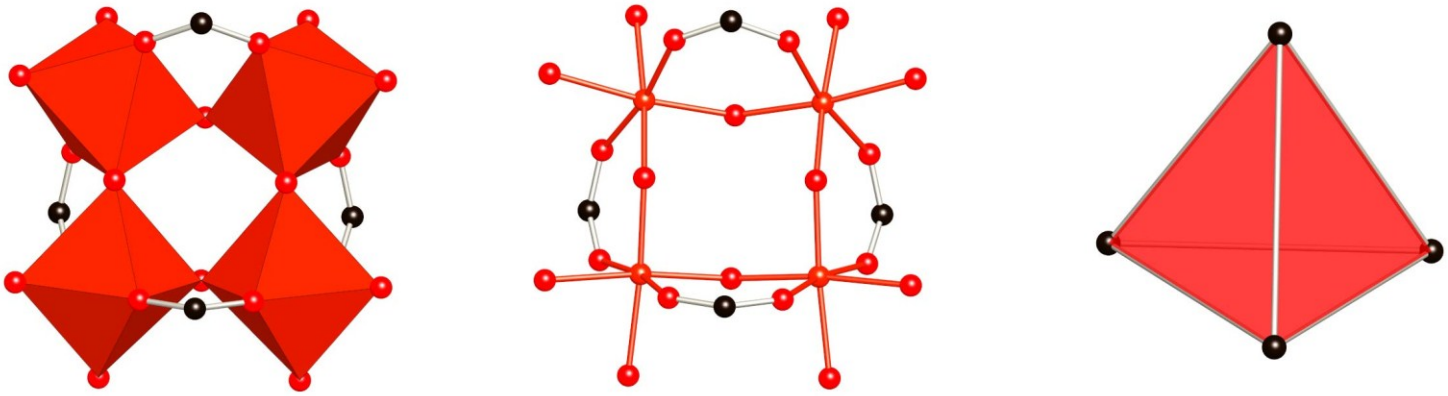


$Ti_8(CO_2)_{16}(O)_{16}$

$Ti_8[(CH_3)_3CCO_2]_{16}[O]_{16}$

P. Piszczek et al *Polyhedron*, **2005**, 24, p 663

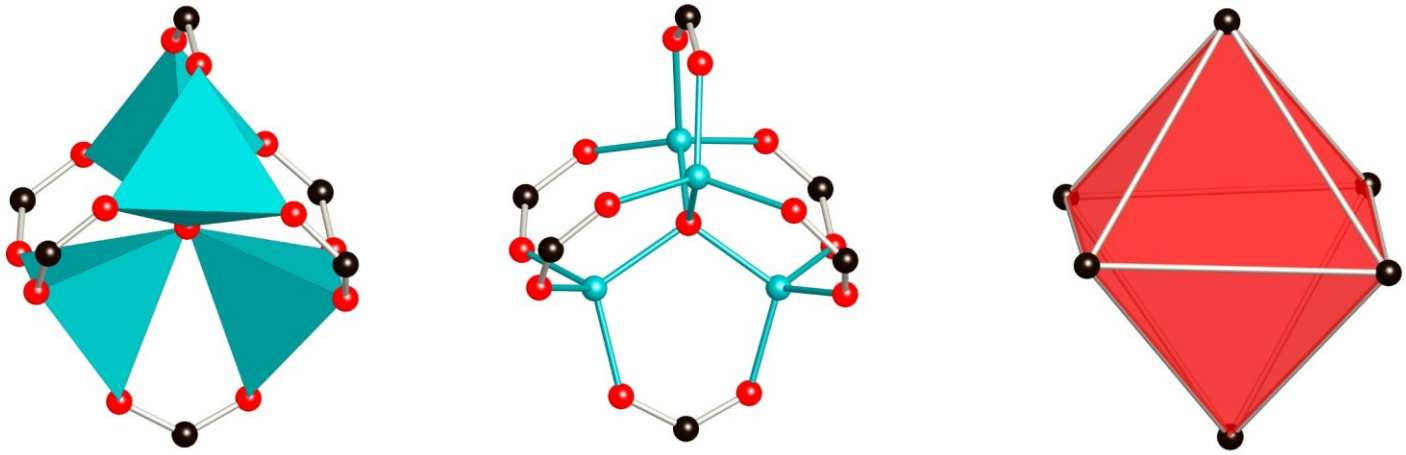
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283



$V_4(CO_2)_4(O)_8(O)_4$

$V_4(CH_3CO_2)_4(H_2O)_8(HO)_4$

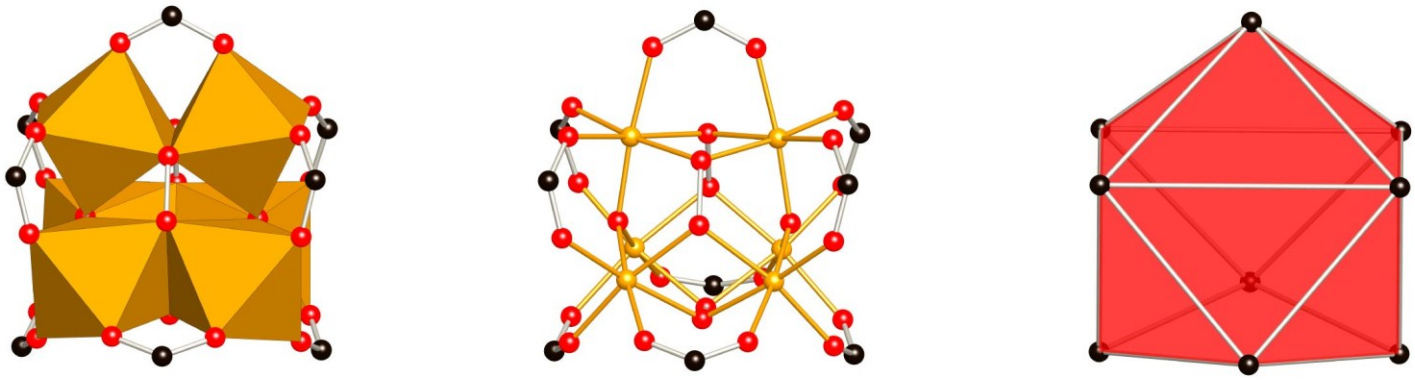
F. H. Fry et al *Inorg. Chem.*, **2005**, 44, p 5197



$Co_4(CO_2)_6(O)$

$Co_4\{CH_2[CH_2(CH_3)_2C]_2NCO_2\}_6\{O\}$

P. Jaitner et al *Chem. Commun.*, **1997**, p 1245



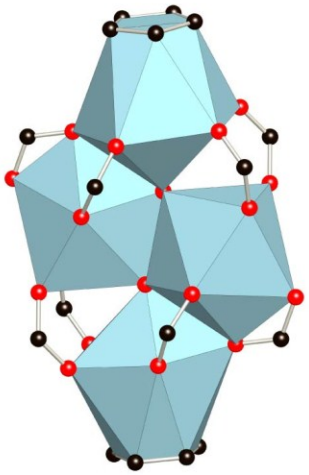
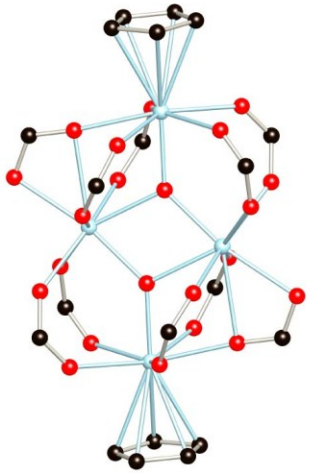
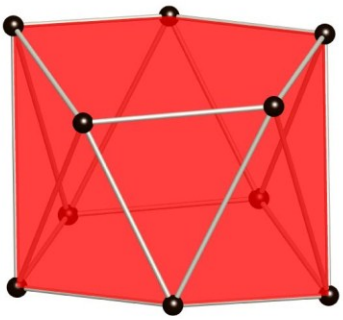
$Fe_6(CO_2)_9(O_2)_3(O)_2$

$Fe_6(CH_3CO_2)_9(O_2)_3(O)_2$

I. Shweky et al *J. Am. Chem. Soc.*, **1997**, 119, p 1037

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

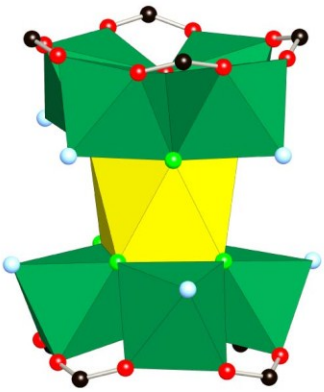
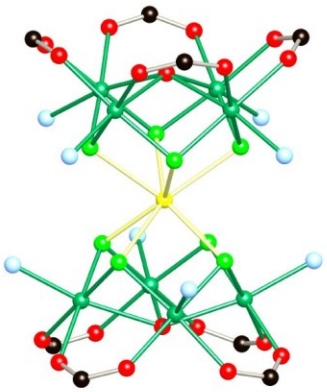
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

$U_4(CO_2)_{10}(O)_2(C_5)_2$

$U_4(CH_3CO_2)_{10}(O)_2(C_5H_5)_2$

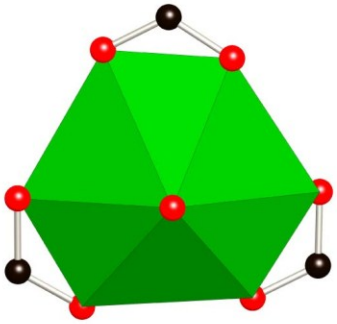
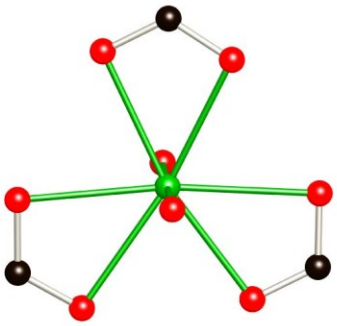
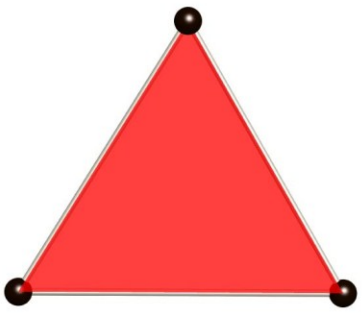
N. Brianese et al *J. Organomet. Chem.*, **1989**, 365, p 223


$NaNi_8(CO_2)_8(N)_8(F)_8(O)_2$

$NaNi_8(p\text{-}tBu\text{-}C_6H_4CO_2)_8(OHC{=}CH{=}CCH_3NHN)_8(F)_8(HO)_2$

A. Bell et al *Chem. Commun.*, **2005**, p 2808

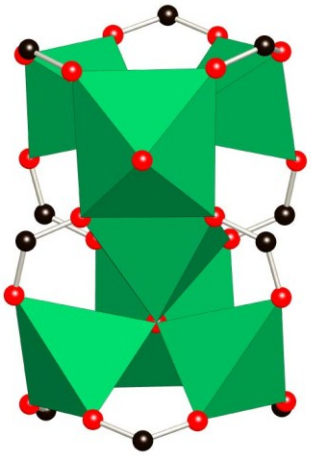
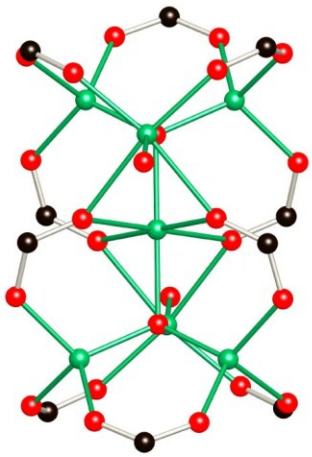
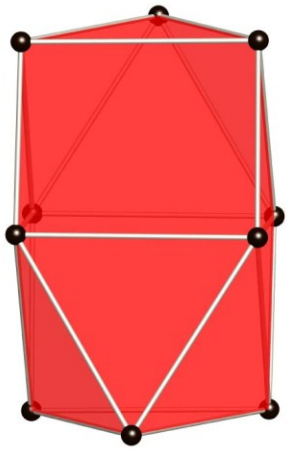
$Np(CO_2)_3(O)_2$

$Np(CH_3CO_2)_3(O)_2$

I. A. Charushnikova et al *Koord. Khim.(Russ.)(Coord. Chem.)*, **2005**, 31, p 636

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

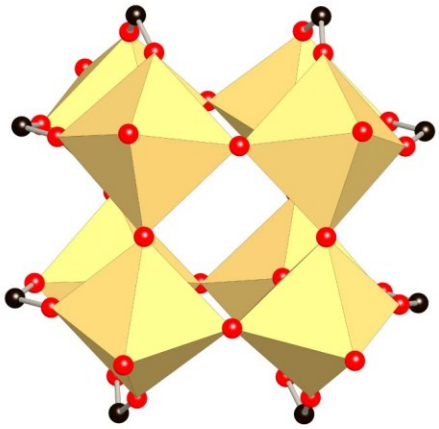
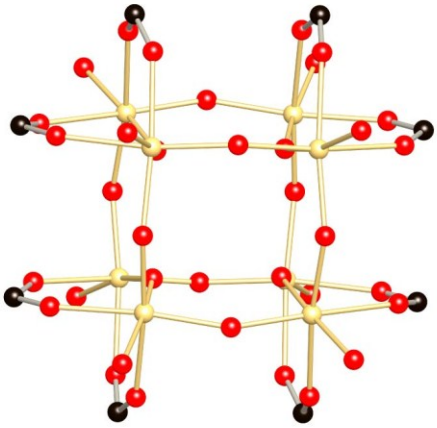
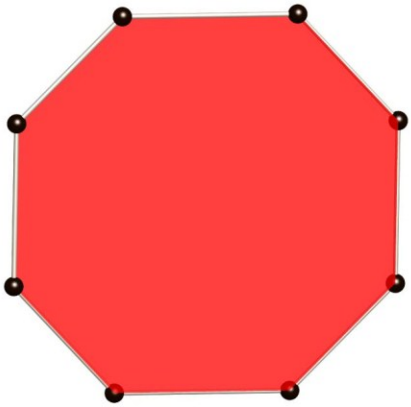
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

$Co_7(CO_2)_{10}(O)_2(O)_2$

$Co_7[CH_3CO_2]_{10}[(Et)_3PO]_2[O]_2$

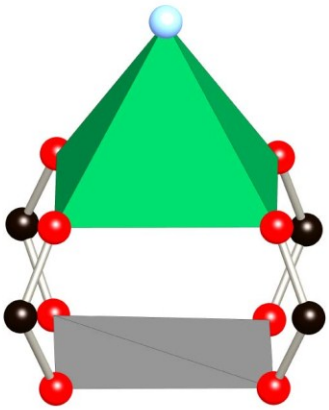
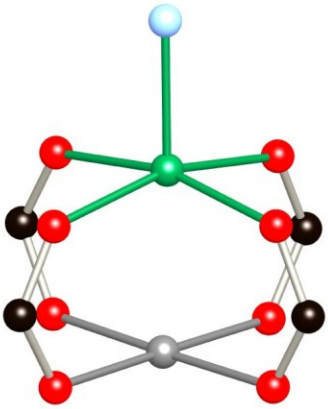
H. Ackermann et al *Z. Naturforsch.,B:Chem.Sci.*, **1998**, 53, p 1241

$Ta_8(CO_2)_8(O)_8(O)_{12}$

$Ta_8(Et_2NCO_2)_8(Et_2NCOO)_8(O)_{12}$

P. B. Arimondo et al *Inorg. Chem.*, **1998**, 37, p 5507

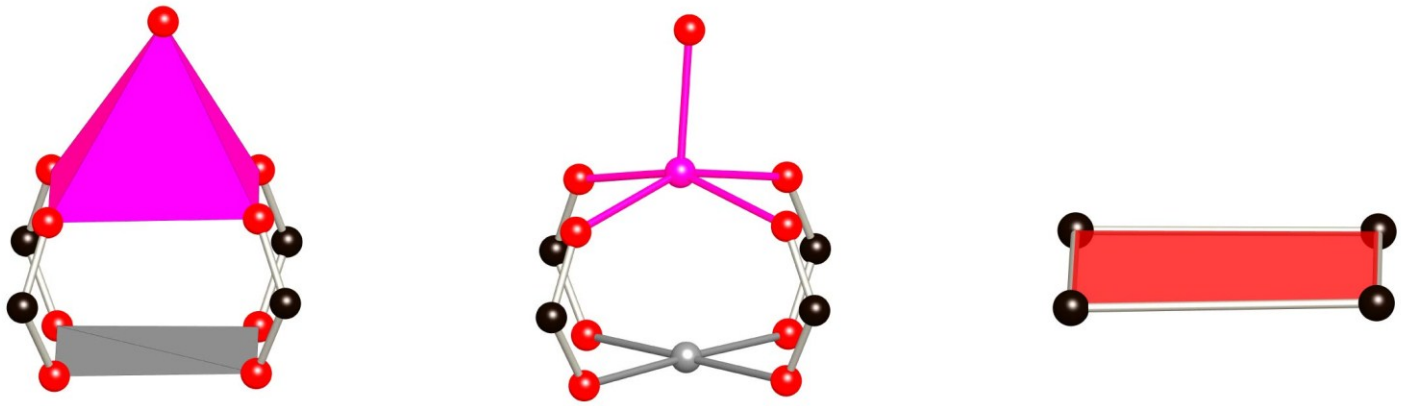

$PdCo(CO_2)_4(N)$

$PdCo(CH_3CO_2)_4(CH_3CN)$

N. Yu. Kozitsyna et al *Inorg. Chim. Acta*, **2006**, 359, p 2072

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

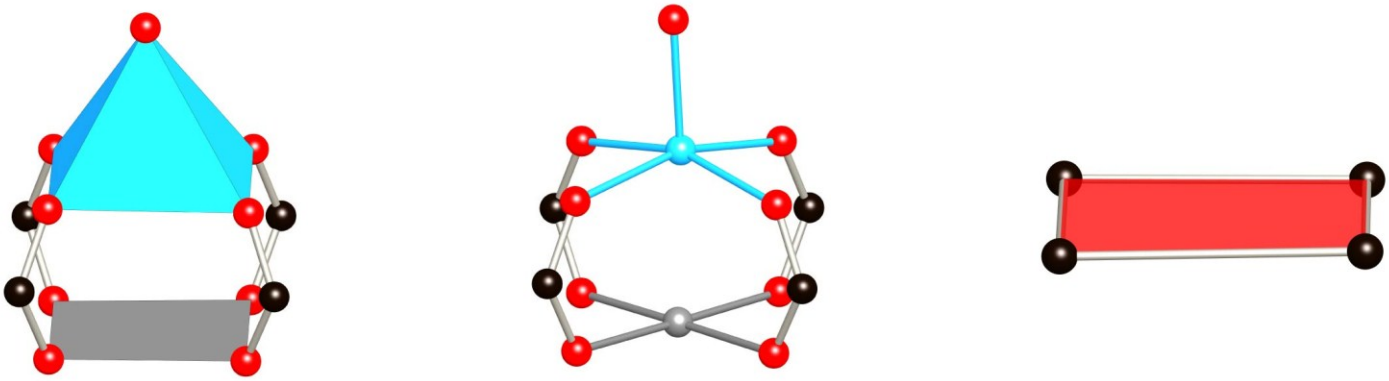
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283



$PdMn(CO_2)_4(O)$

$PdMn(CH_3CO_2)_4(H_2O)$

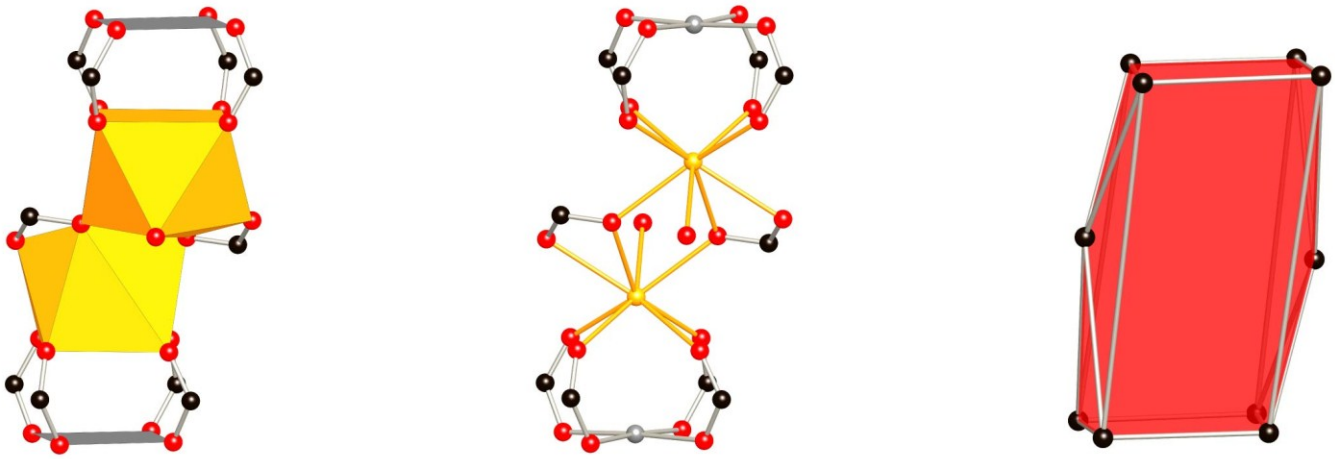
N. Yu. Kozitsyna et al *Inorg. Chim. Acta*, **2006**, 359, p 2072



$PdZn(CO_2)_4(O)$

$PdZn(CH_3CO_2)_4(H_2O)$

N. Yu. Kozitsyna et al *Inorg. Chim. Acta*, **2006**, 359, p 2072



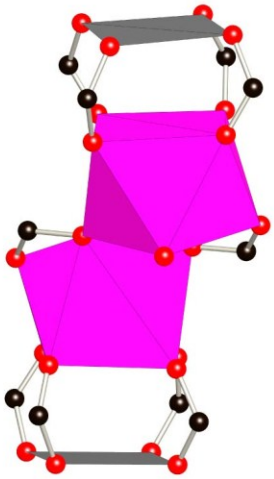
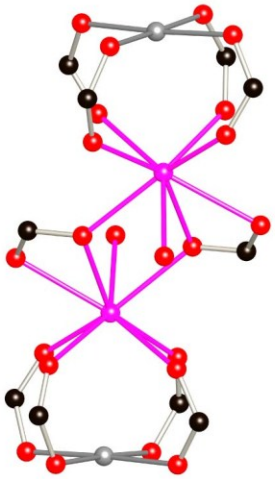
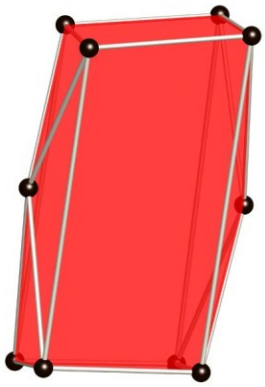
$Nd_2Pd_2(CO_2)_{10}(O)_2$

$Nd_2Pd_2(CH_3CO_2)_{10}(CH_2CH_2CH_2CH_2O)_2$

N. Yu. Kozitsyna et al *Inorg. Chim. Acta*, **2006**, 359, p 2072

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

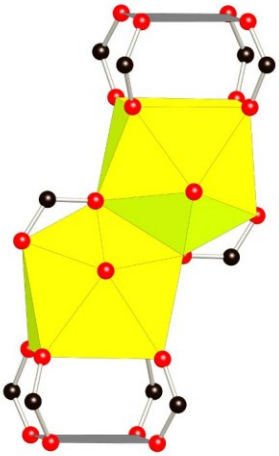
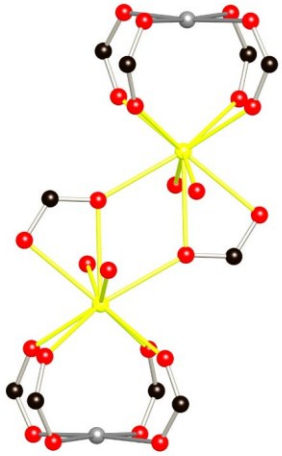
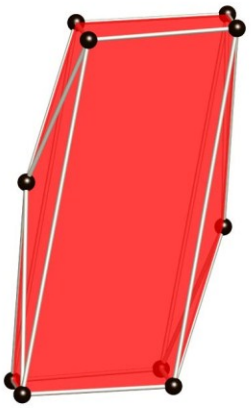
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

$Eu_2Pd_2(CO_2)_{10}(O)_2$

$Eu_2Pd_2(CH_3CO_2)_{10}(CH_2CH_2CH_2CH_2O)_2$

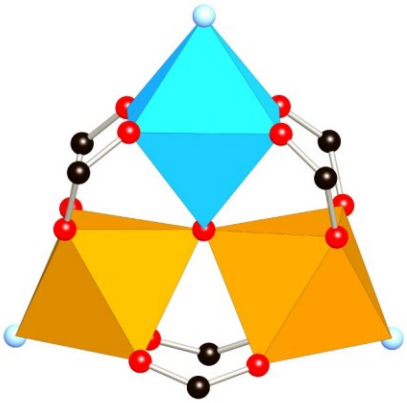
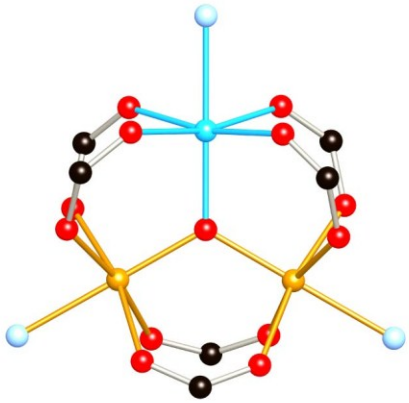
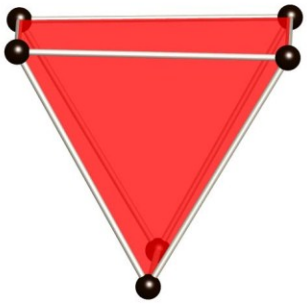
N. Yu. Kozitsyna et al *Inorg. Chim. Acta*, **2006**, 359, p 2072

$Ce_2Pd_2(CO_2)_{10}(O)_2$

$Ce_2Pd_2(CH_3CO_2)_{10}(CH_3COO)_2$

N. Yu. Kozitsyna et al *Inorg. Chim. Acta*, **2006**, 359, p 2072

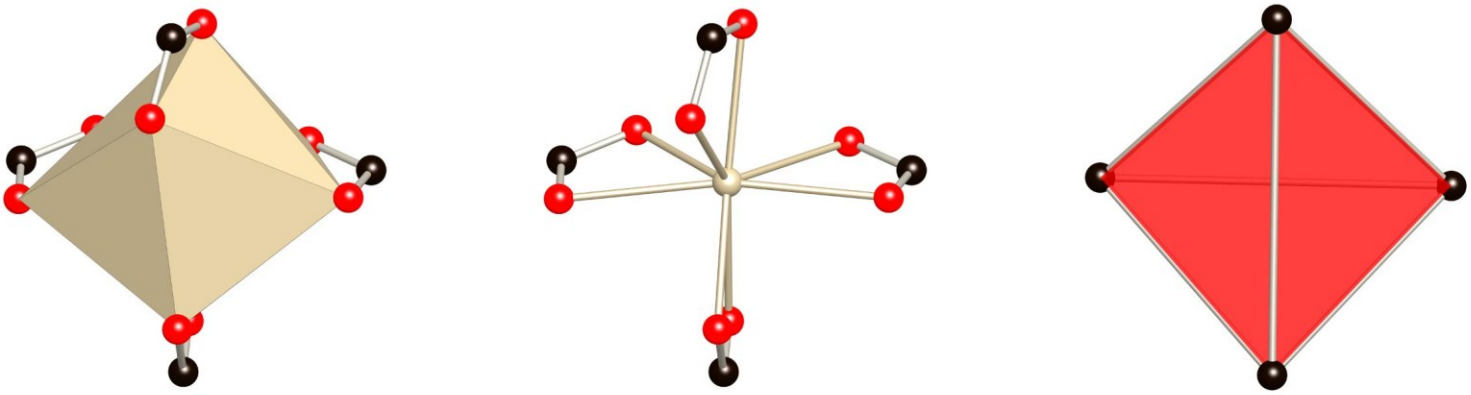
$Fe_2Zn(CO_2)_6(N)_3(O)$

$Fe_2Zn(CH_3CO_2)_6(C_5H_5N)_3(O)$

B. Singh et al *J. Am. Chem. Soc.*, **1997**, 119, p 7030

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

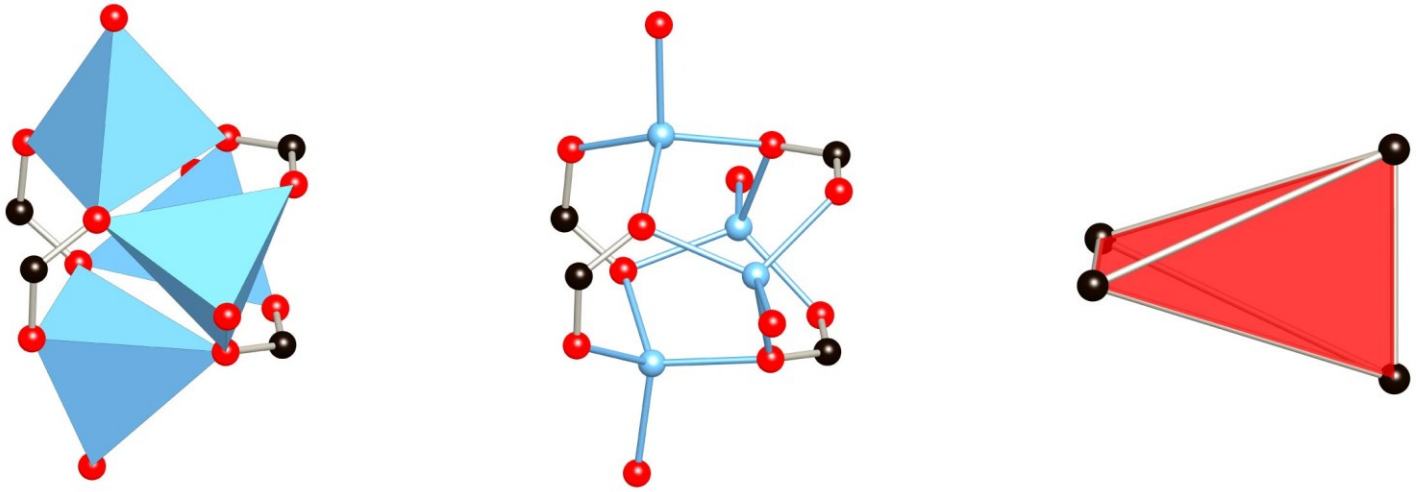
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283



$Tl(CO_2)_4$

$Tl(CH_3CO_2)_4$

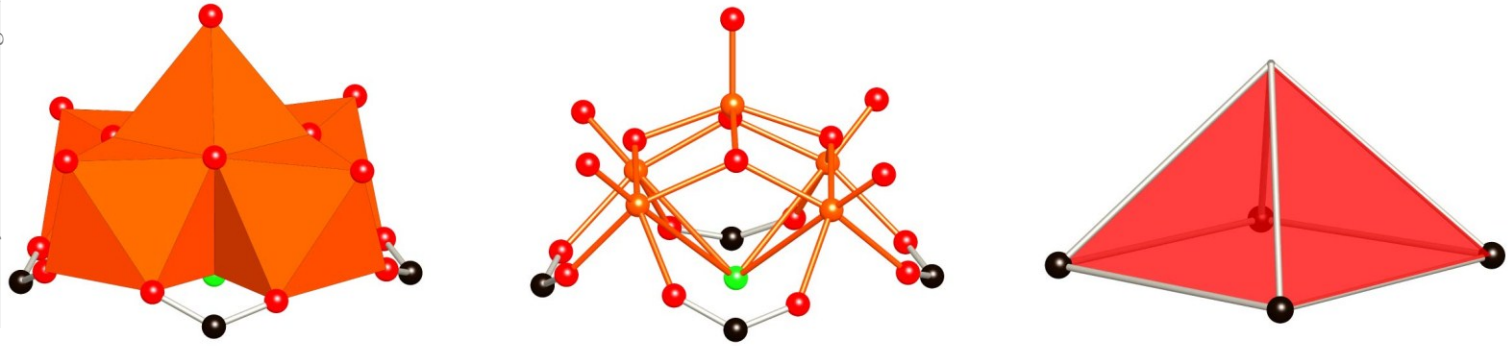
I. D. Brown, R. Faggiani *Acta Crystallogr. Sect. B*, **1980**, 36, p 1802



$Li_4(CO_2)_4(O)_4$

$Li_4(C_6H_4CH_3C{=}CCH_3NCO_2)_4(CH_2CH_2CH_2CH_2O)_4$

R. P. Davies et al *Organometallics*, **1996**, 15, p 4355



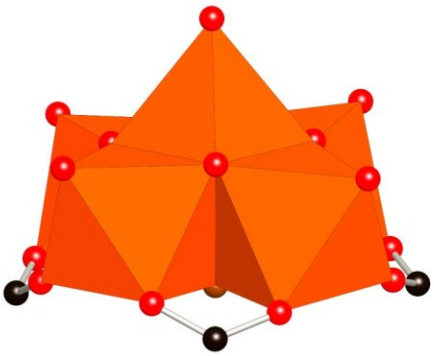
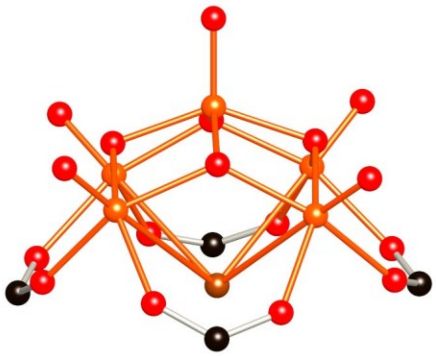
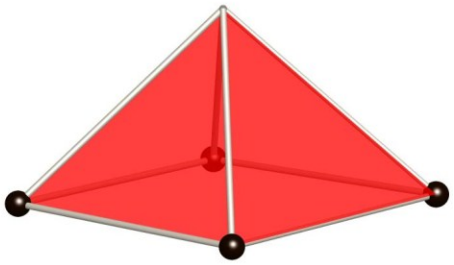
$V_5(CO_2)_4(Cl)(O)_4(O)_5$

$V_5(C_6H_5CO_2)_4(Cl)(O)_4(O)_5$

G. B. Karet et al *Inorg. Chem.*, **1996**, 35, p 6450

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

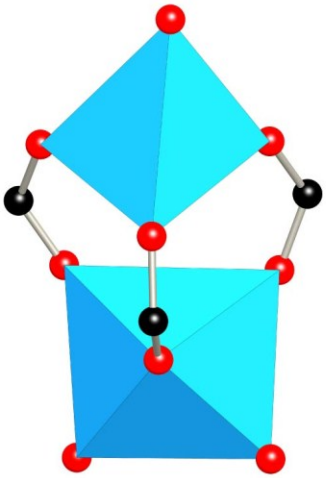
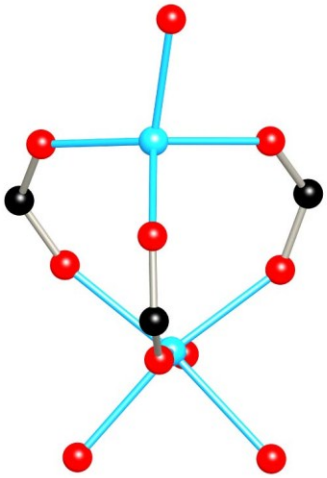
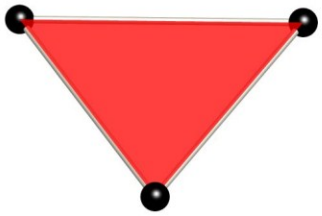
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

$V_5(CO_2)_4(Br)(O)_4(O)_5$

$V_5(C_6H_5CO_2)_4(Br)(O)_4(O)_5$

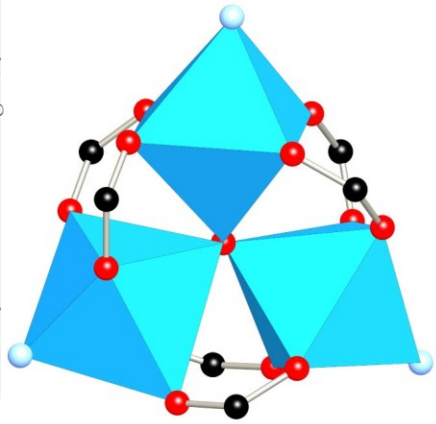
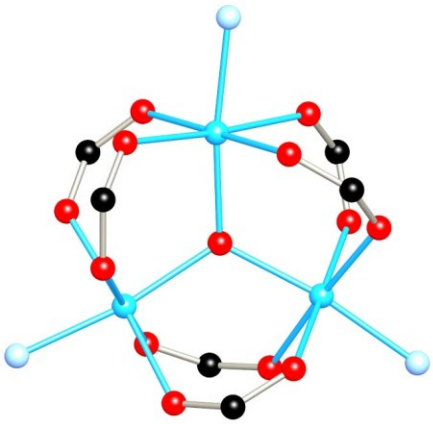
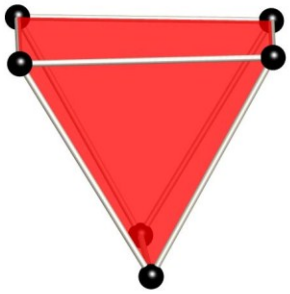
G. B. Karet et al *Inorg. Chem.*, **1996**, 35, p 6450

$Zn_2(CO_2)_3(O)(O)_3$

$Zn_2(2,6\text{-}Cl_2C_6H_3CO_2)_3(2,6\text{-}Cl_2C_6H_3COO)(CH_2CH_2CH_2CH_2O)_3$

D. J. Darensbourg et al *Inorg. Chem.*, **2002**, 41, p 973

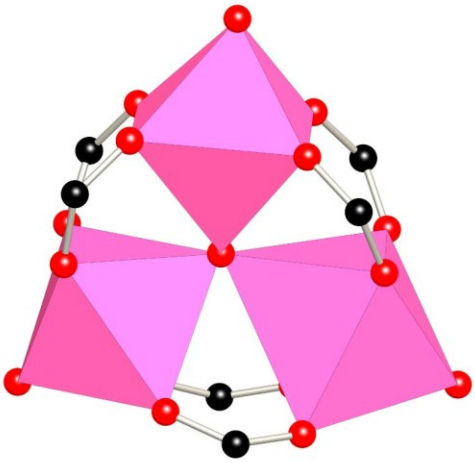
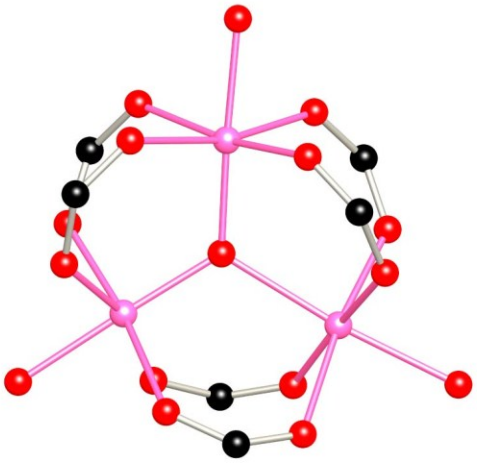
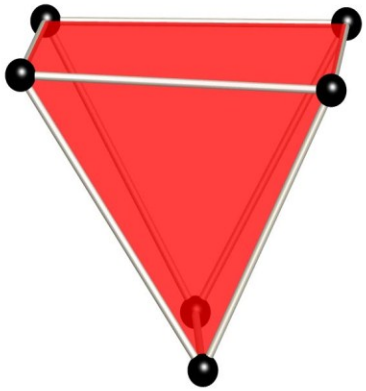
$Zn_3(CO_2)_6(N)_3(O)$

$Zn_3[NC_5H_4NHCOCHOC(CH_3)_2OCHCO_2]_6[N]_3[O]$

J. S. Seo et al *Nature*, **2000**, 404, p 982

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

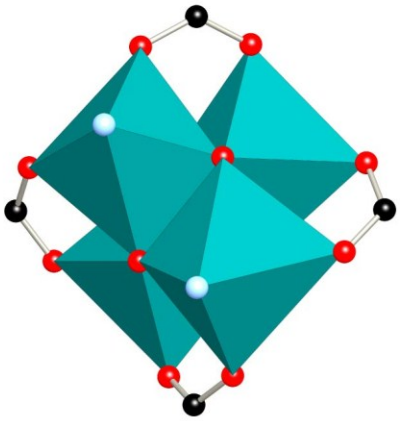
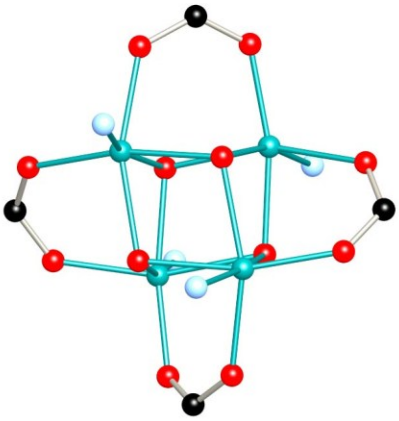
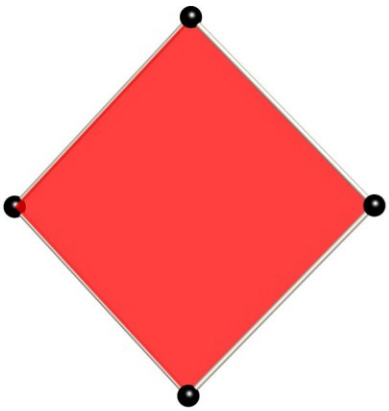
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

$Mn_3(CO_2)_6(O)_3(O)$

$Mn_3(CHCl_2CO_2)_6(CHCl_2COO)_3(O)$

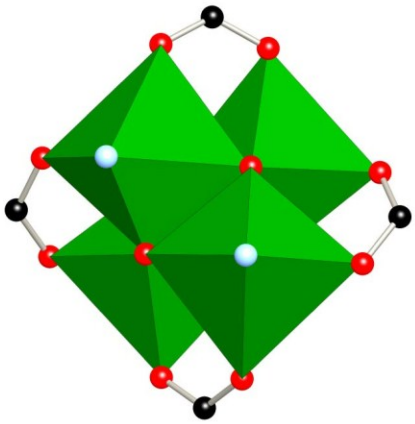
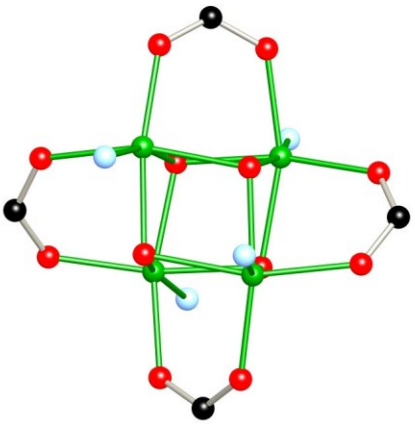
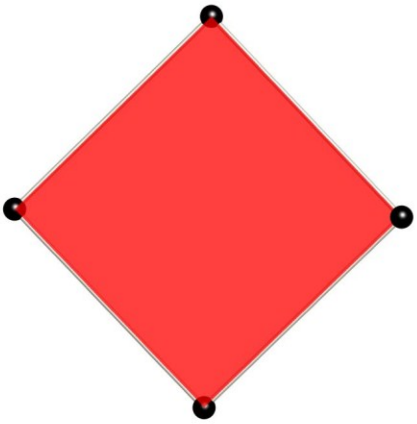
Jinkwon Kim et al *Eur. J. Inorg. Chem.*, **2003**, p 2563

$Co_4[CO_2]_4[(N)_4(O)_4]$

$Co_4[tBu\text{-}CO_2]_4[NC_5H_5CH_3C_4H_3O]_4$

G. Aromi et al *Dalton Trans.*, **2003**, p 4466

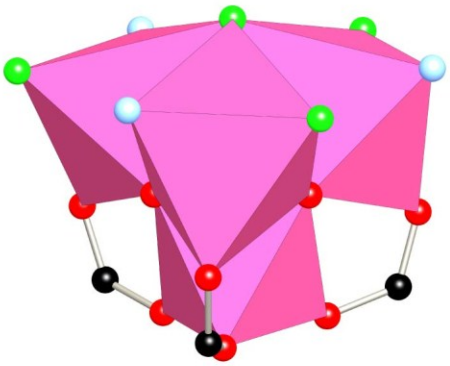
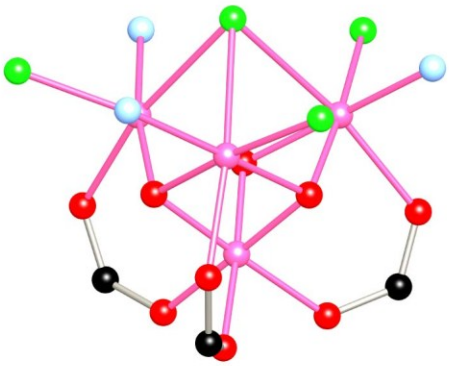
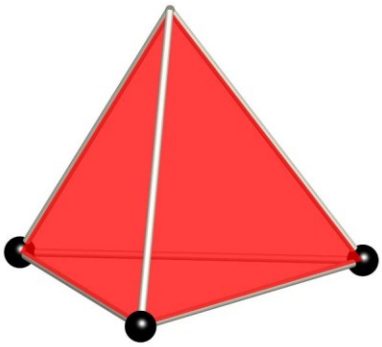
$Ni_4[CO_2]_4[(N)_4(O)_4]$

$Ni_4[tBu\text{-}CO_2]_4[NC_5H_5CH_3C_4H_3O]_4$

G. Aromi et al *Dalton Trans.*, **2003**, p 4466

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

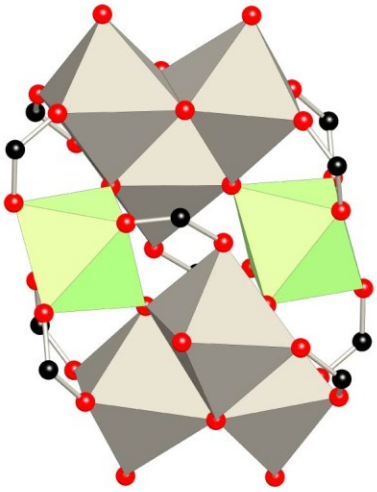
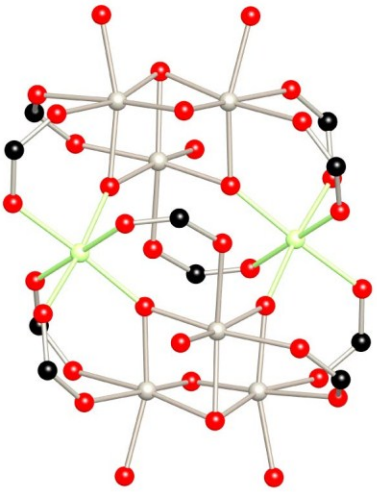
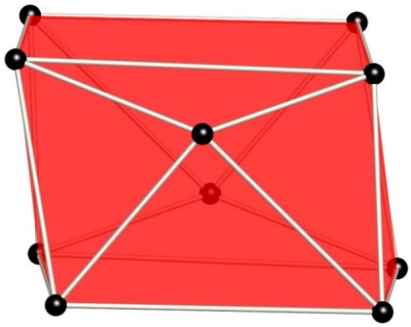
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

$Mn_4(CO_2)_3(N)_3(O)_3(Cl)_4$

$Mn_4(CH_3CO_2)_3(C_5H_5N)_3(O)_3(Cl)_4$

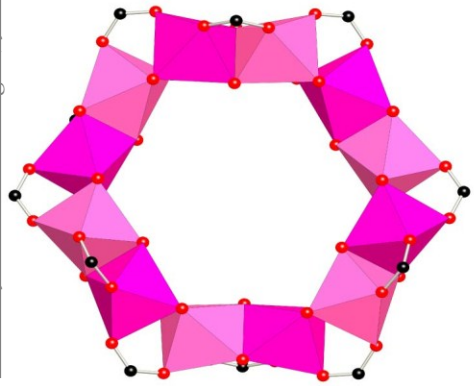
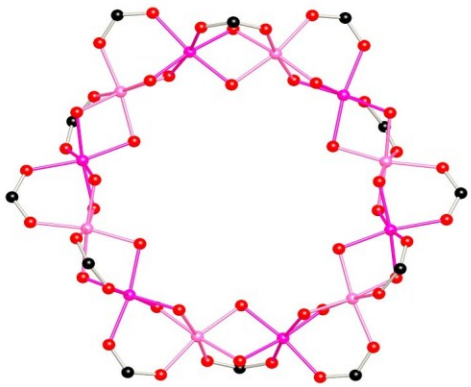
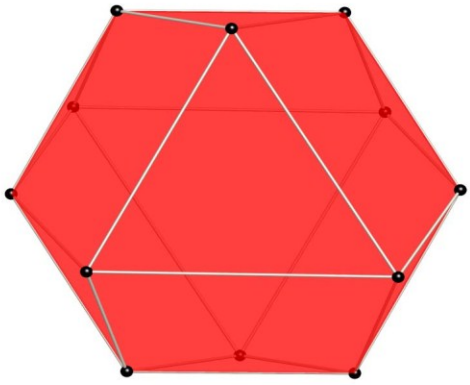
D. N. Hendrickson et al *J. Am. Chem. Soc.*, **1992**, 114, p 2455

$Ga_2W_6(CO_2)_{10}(O)_6(O)_8$

$Ga_2W_6(CH_3CH_2CO_2)_{10}(CH_3CH_2COO)_6(O)_8$

Yong Cui et al *Inorg. Chim. Acta*, **1998**, 277, p 130

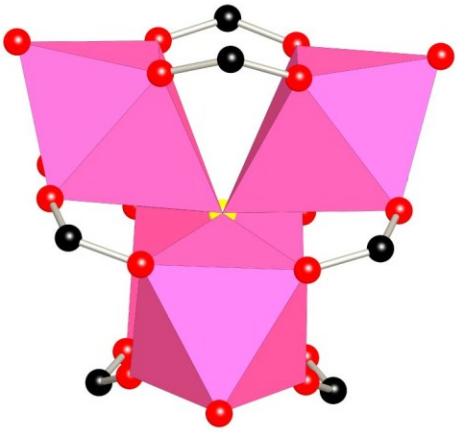
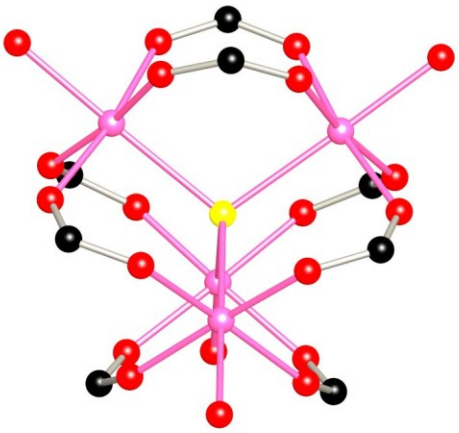
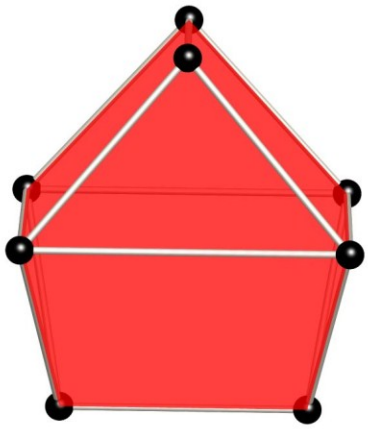
$Cr_6Mn_6(CO_2)_{12}(O)_{24}$

$Cr_6Mn_6(CH_3CO_2)_{12}(CH_3O)_{24}$

M. Helliwell et al *Inorg. Chim. Acta*, **2003**, 354, p 49

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

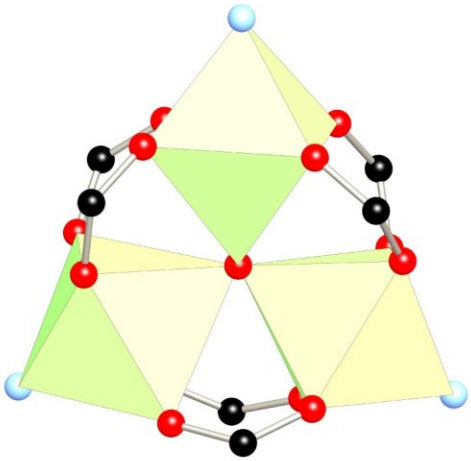
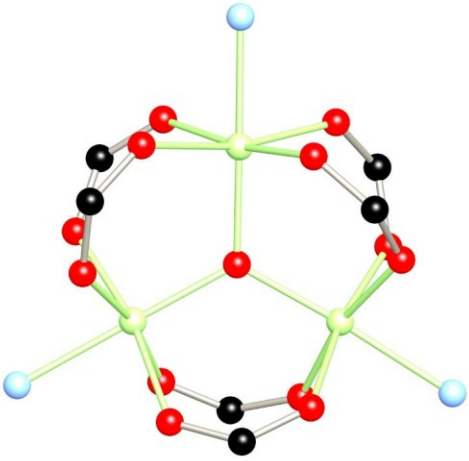
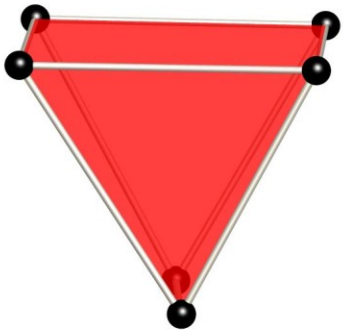
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

$Cr_4(CO_2)_8(O)_4(S)$

$Cr_4(CH_3CO_2)_8(H_2O)_4(S)$

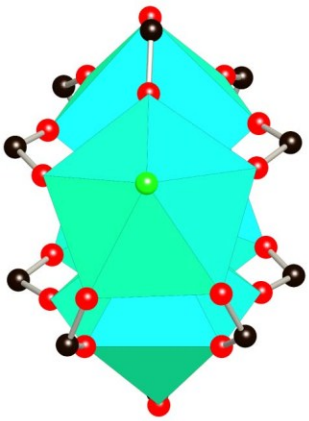
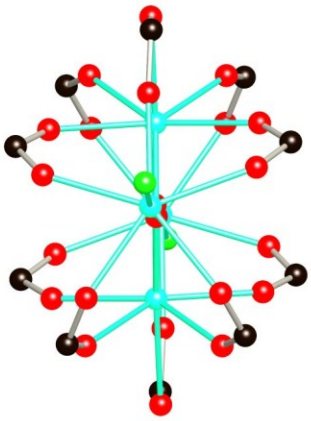
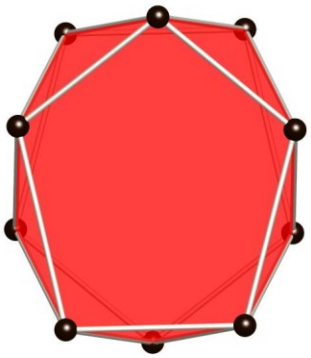
A. Bino et al *Science*, **1988**, 241, p 1479

$Ga_3(CO_2)_6(N)_3(O)$

$Ga_3(C_6H_5CO_2)_6(CH_3C_5H_4N)_3(O)$

M. T. Andras et al *J. Am. Chem. Soc.*, **1992**, 114, p 786

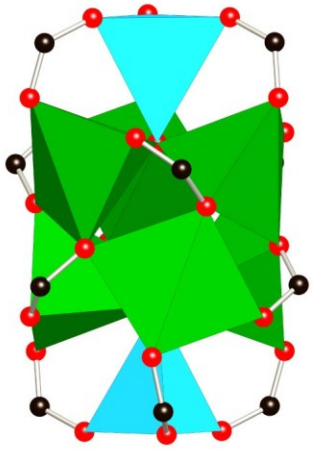
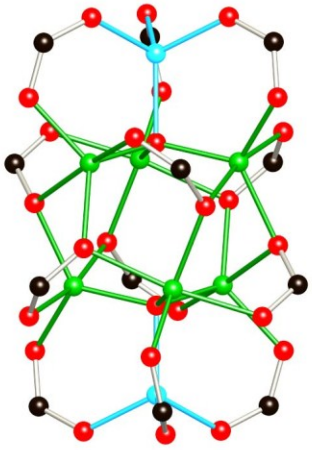
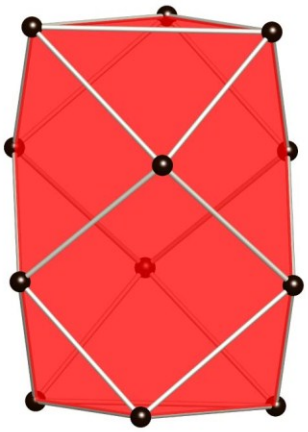
$Ni_6Zn_2(CO_2)_{12}$

$Ni_6Zn_2(iPr\text{-}NCO_2)_{12}$

A. Bacchi et al *Gazz. Chim. Ital.*, **1992**, 122, p 429

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

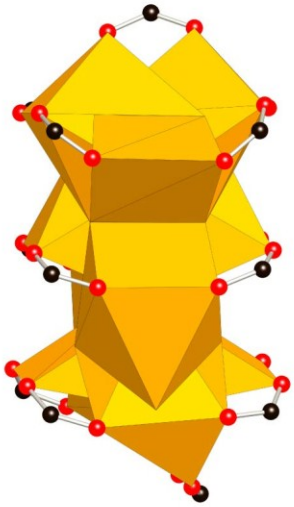
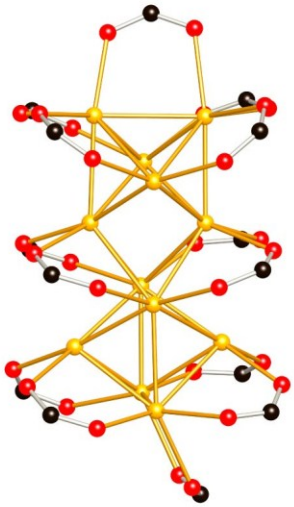
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

$Ni_6Zn_2(CO_2)_{12}$

$Ni_6Zn_2(iPr\text{-}NCO_2)_{12}$

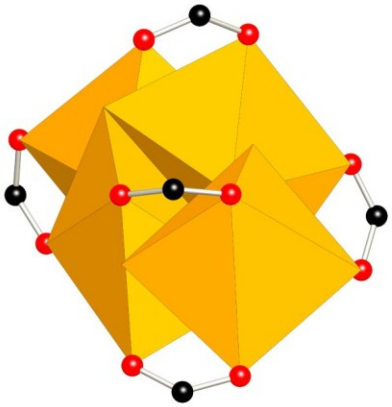
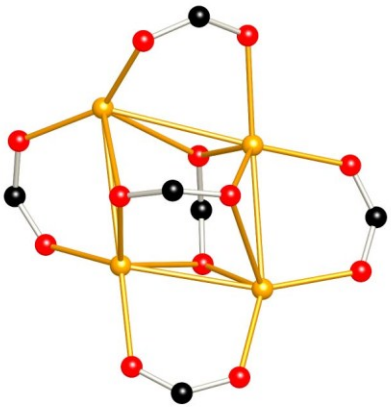
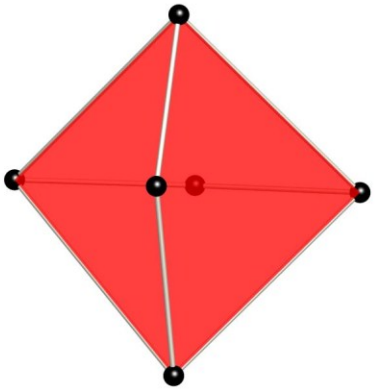
A. Bacchi et al *Gazz. Chim. Ital.*, **1992**, 122, p 429


$Ag_{12}(CO_2)_{14}$

$Ag_{12}(CF_3CO_2)_{14}$

P. Reiss et al *Angew. Chem., Int. Ed.*, **2000**, 39, p 3925

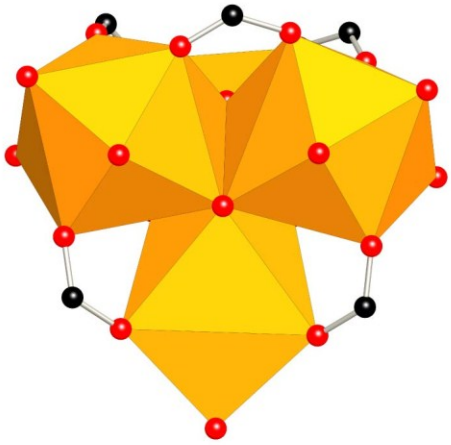
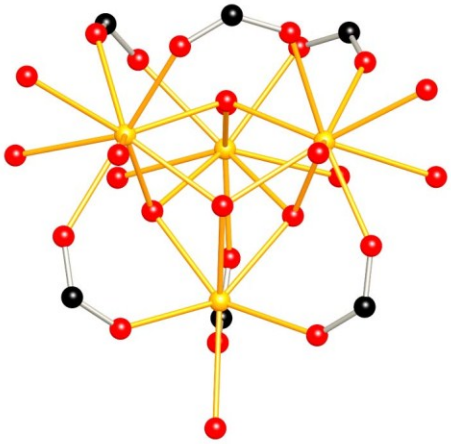
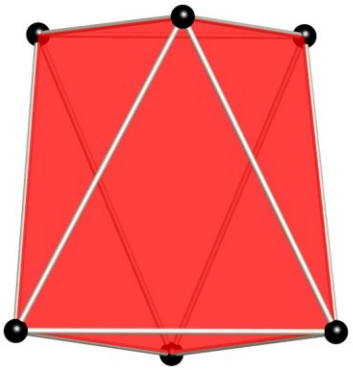
$Ag_4(CO_2)_6$

$Ag_4(CF_3CO_2)_6$

Man Shing Wong et al *J. Org. Chem.*, **2006**, 71, p 940

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

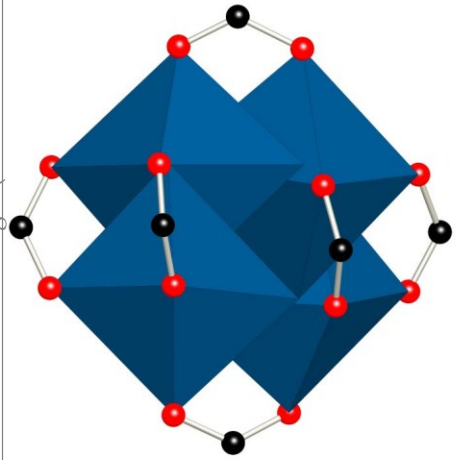
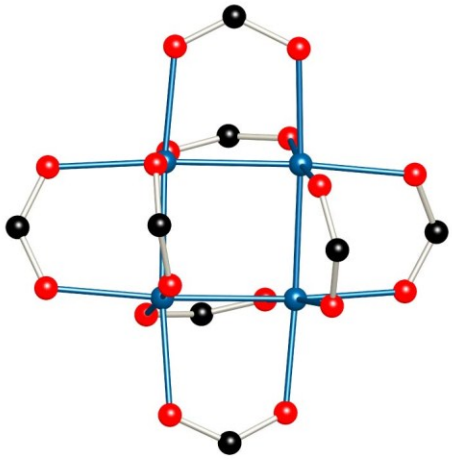
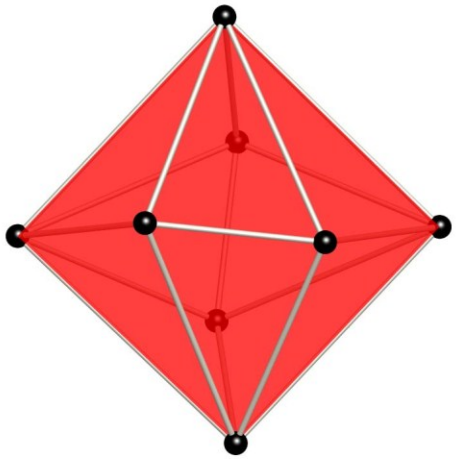
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

$Nd_4(CO_2)_6(O)_4(O)_{10}$

$Nd_4(CH_3NH_3CHCO_2)_6(HO)_4(H_2O)_{10}$

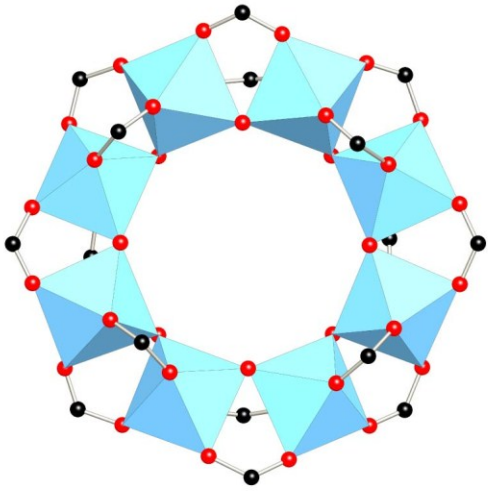
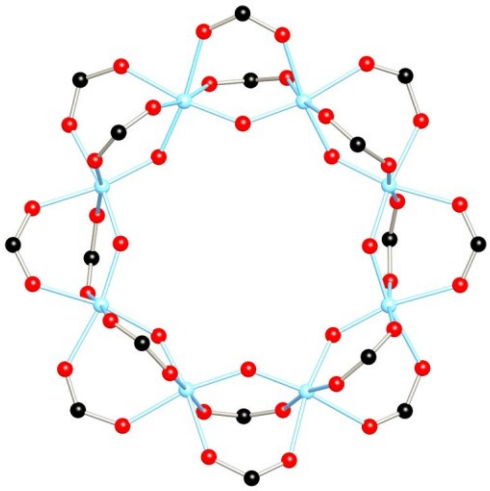
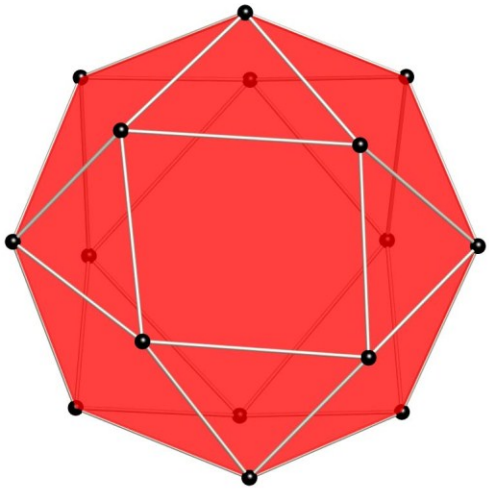
Ruiyao Wang et al *Inorg. Chem.*, **2001**, 40, p 2743

$Pt_4(CO_2)_8$

$Pt_4(CF_3CO_2)_8$

N. V. Gerbeleu et al *Koord. Khim.(Russ.)(Coord. Chem.)*, **1994**, 20, p 846

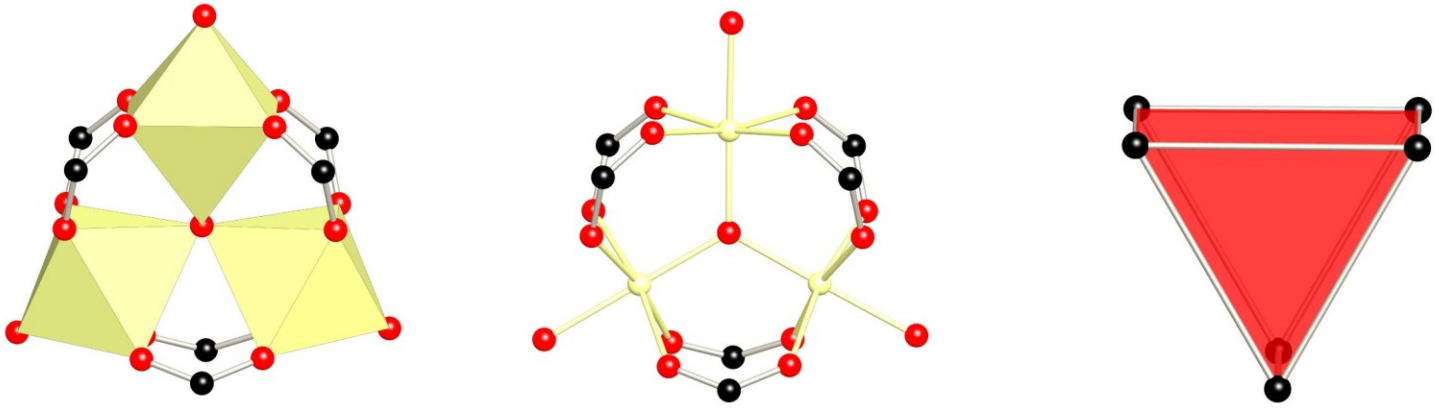
$Ti_8(CO_2)_{16}(O)_8$

$Ti_8(C_6F_5CO_2)_{16}(O)_8$

H. Barrow et al *Chem. Commun.*, **1995**, p 1231

Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

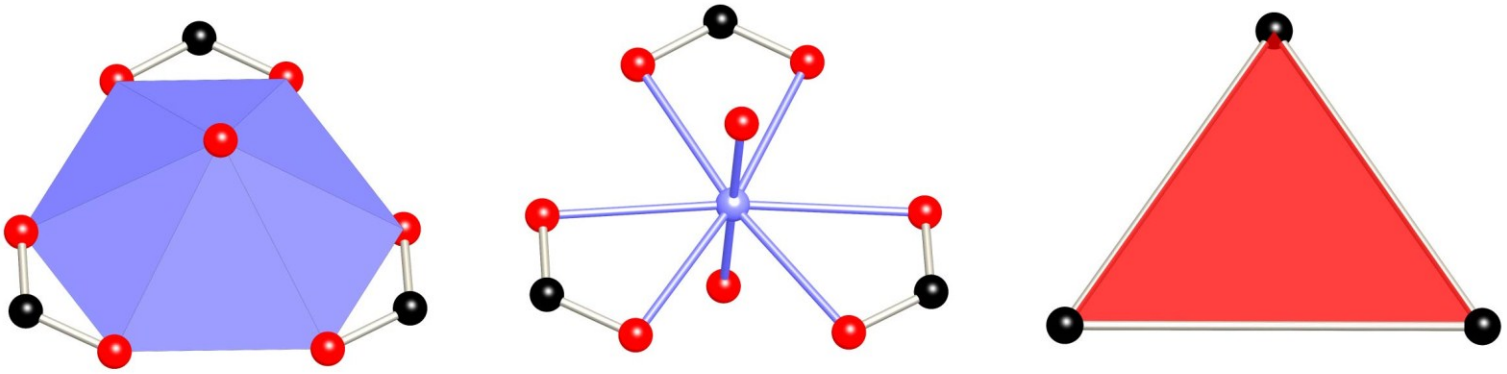
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283



$Ir_3(CO_2)_6(O)_3(O)$

$Ir_3(CH_3CO_2)_6(H_2O)_3(O)$

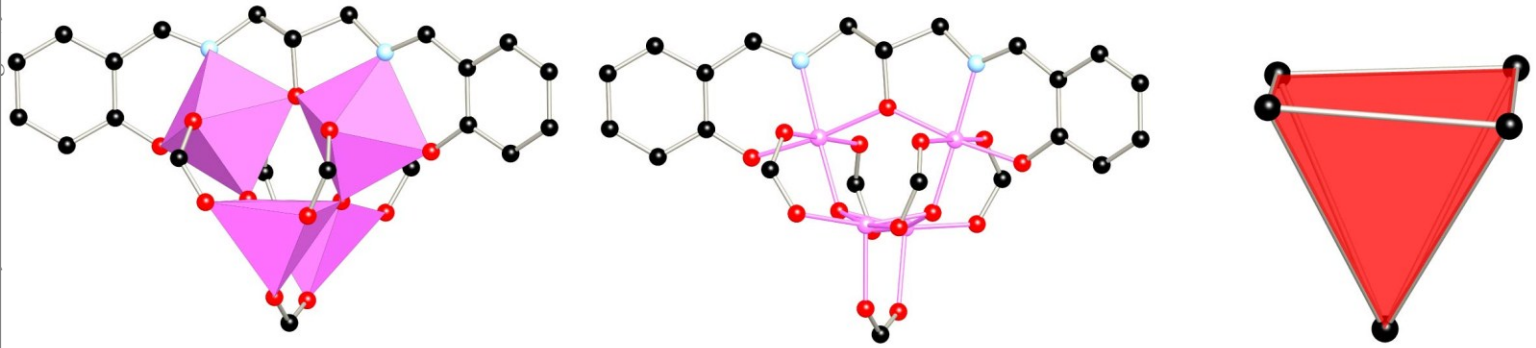
I.B. Baranovsky et al *Zh.Neorg.Khim.(Russ.)(Russ.J.Inorg.Chem.)*, **1995**, 40, p 1634



$Np(CO_2)_3(O)_2$

$Np(CH_3CO_2)_3(O)_2$

N. W. Alcock et al *J. Chem. Soc., Dalton Trans.*, **1982**, p 33



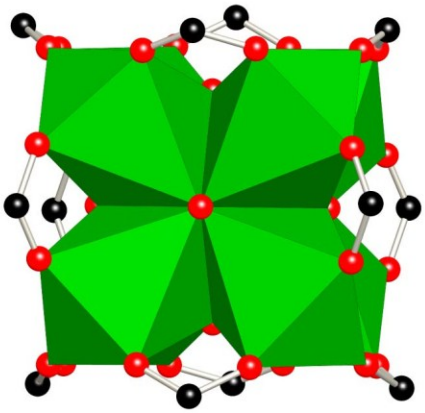
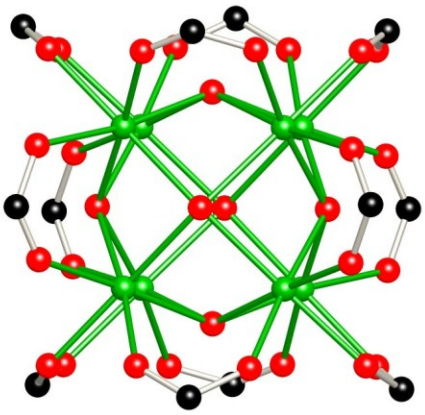
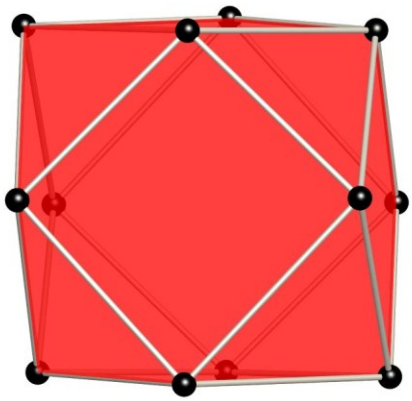
$Mn_4(CO_2)_5(OC_6CNC3NCC_6O)$

$Mn_4(tBu\text{-}CO_2)_5(OC_6H_4CHNCH_2CHCH_2NCHC_6H_4O)$

R. Bagai et al *Dalton Trans.*, **2006**, p 3306

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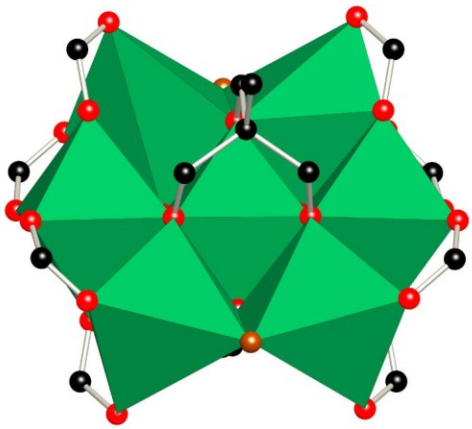
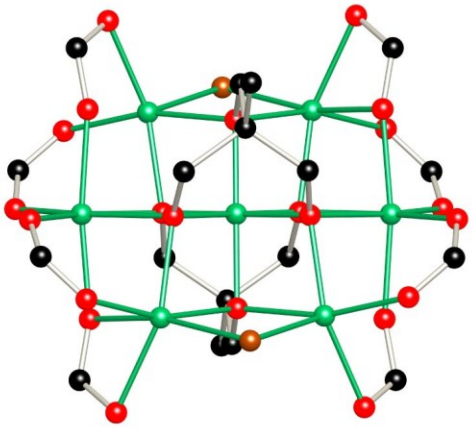
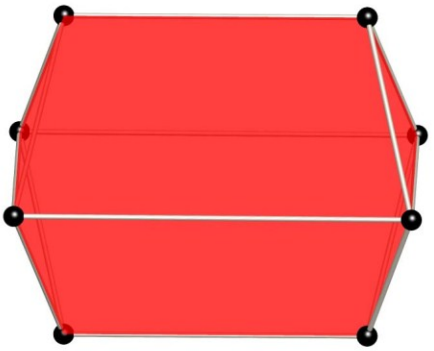
Cite: D.J. Tranchemontagne, J. L. Mendoza-Cortes, M. O'Keeffe and O. M. Yaghi (Critical Review) Chem. Soc. Rev., 2009, 38, 1257-1283

$Ni_8(CO_2)_{12}(O)_6$

$Ni_8(tBu\text{-}CO_2)_{12}(HO)_6$

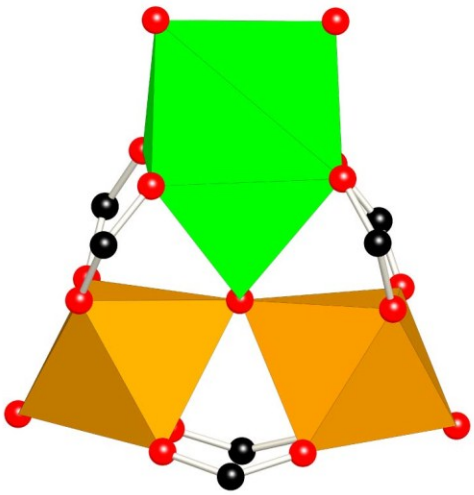
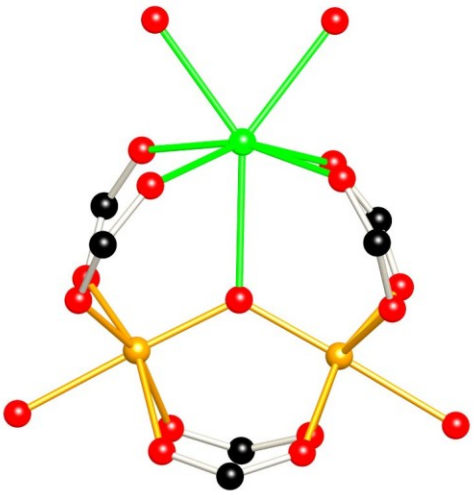
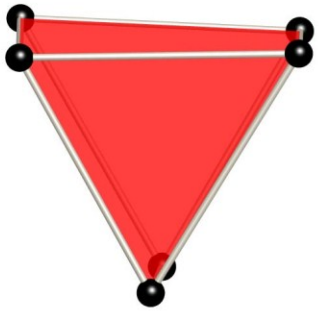
V. Ovcharenko et al *Inorg. Chem.*, **2006**, 45, p 5338

$Co_7[CO_2]_8[CC(CO)_3]_2[Br]_2$

$Co_7[tBu\text{-}CO_2]_8[CH_3C(CH_2O)_3]_2[Br]_2$

M. Moragues-Canovas et al *Inorg. Chem.*, **2006**, 45, p 7038

$Fe_2Ca(CO_2)_6(O)_4(O)$

$Fe_2Ca(CCl_3CO_2)_6(CH_2CH_2CH_2CH_2O)_4(O)$

D. Prodius et al *Polyhedron*, **2006**, 25, p 2175

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