Database of Secondary Building Units (SBU) for Construction of New Materials by Design

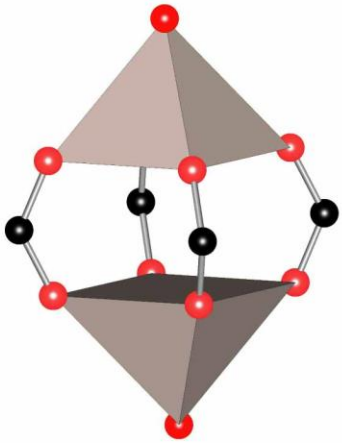
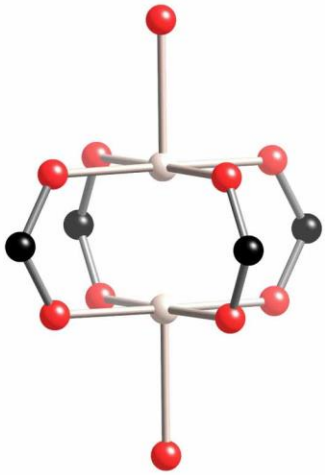
Jose L. Mendoza-Cortes[1,*]

[1] *Michigan State University*

* Corresponding author: jmendoza@msu.edu

Abstract.

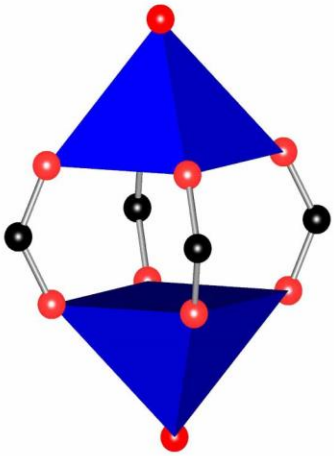
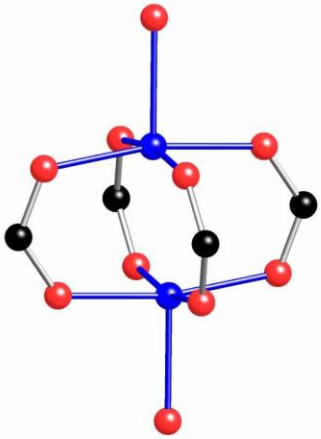
A search was performed in crystallographic databases which contains almost all published small-molecules and polymeric crystal structures. The search was setup using a definition of the minimal requirements needed for a secondary building unit (SBU) to exist. 1) It has to have at least three nodes, because two nodes would mean it is just an extension. 2) It has to contain at least two metals in the structure. We decided to constrain our search to carboxilates SBU's. In here the point of extension is defined by the carbon atom. In order to do this, we setup the search where the bonds were defined as any bond (none, resonant and multiple). This input allows us to be general and it would include from the simplest SBU's to the most complex ones. These parameters were used with a total result of over 15,000 compounds. It is worth noting that constrains were not used to differentiate between polymeric crystals and small molecules. Therefore, both known periodic structures and single molecules SBU's were analyzed in this work. The hits were analyzed based on the first compounds found and not by the time when they were published. Consequently the reference to every kind of SBU is not necessarily the first report about it on the literature. Every SBU was analyzed considering that: a) Same geometry and same number of points of extension but different metals are different SBU's and b) Same geometry, same number of points of extension, same metals but different molecules of solvents coordinated to the metal are different SBU. These database of 279 building blocks for periodic structural materials can be used to design new compounds and homogenize the current ones.


$Ru_2(CO_2)_4(O)_2$

$Ru_2(CH_3CO_2)_4(H_2O)_2$

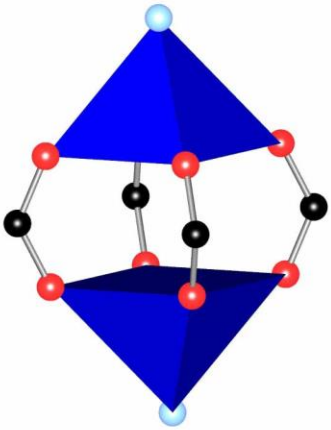
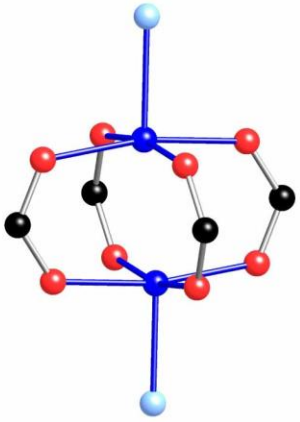
AACRUB01 R. E. Marsh, V. Shomaker *Inorganic Chemistry*, **1981**, 20, p 299


$Cu_2(CO_2)_4(O)_2$

$Cu_2(C_5H_5SCO_2)_4(C_3H_7NO)_2$

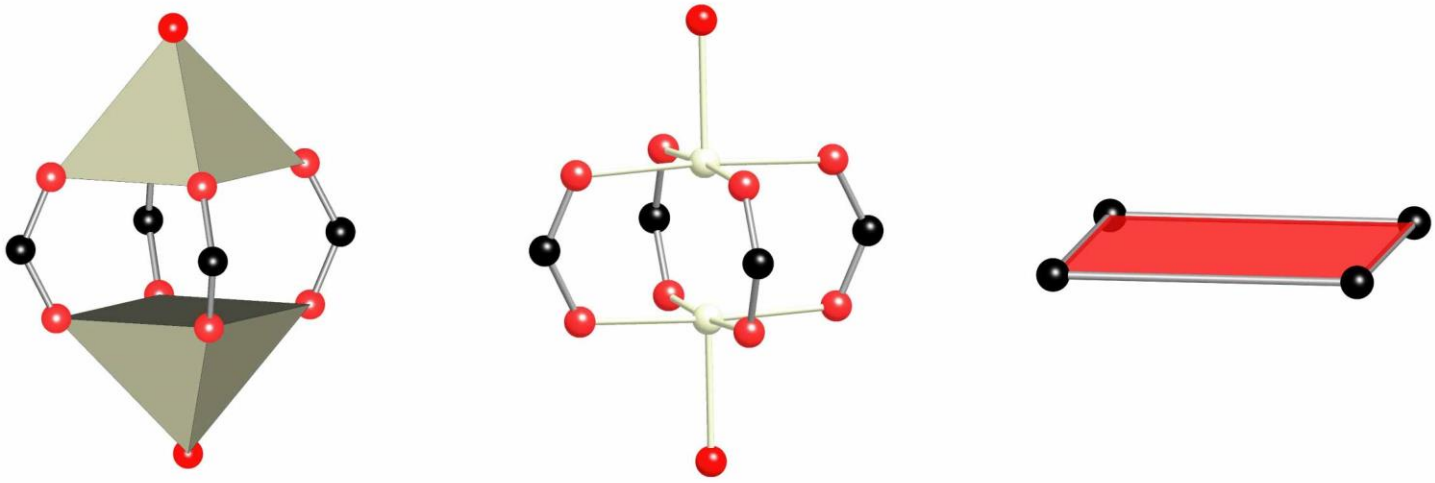
ABUXUR P. Drozdzewski et al. *J. Mol. Struct.*, **2004**, 707, p 131


$Cu_2(CO_2)_4(N)_2$

$Cu_2(CH_3CO_2)_4(C_6H_7N)_2$

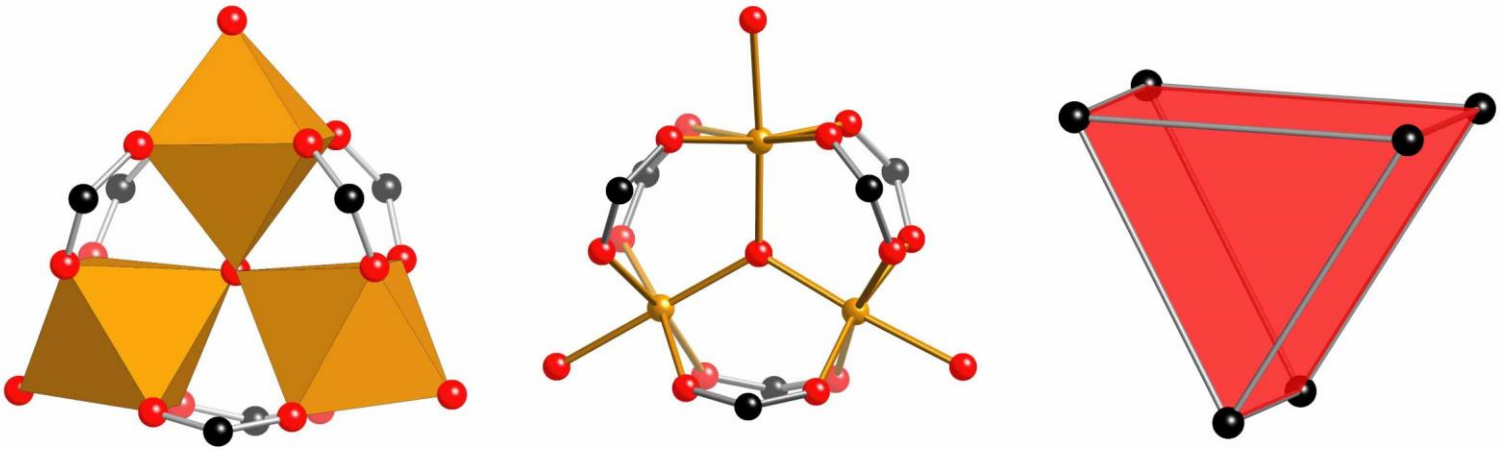
ACAPCU F. Pavelcik, F. Hanic *J. Cryst. Mol. Struct.*, **1978**, 8, p 59



$Rh_2(CO_2)_4(O)_2$

$Rh_2(CH_3CO_2)_4(H_2O)_2$

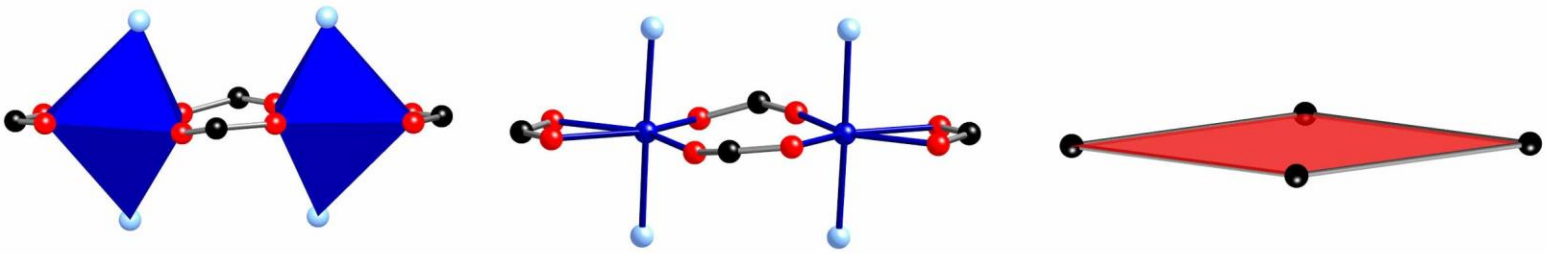
ACAQRH10 F. A. Cotton et al *Acta Crystallogr. Sect. B*, **1971**, 27, p 1664



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

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

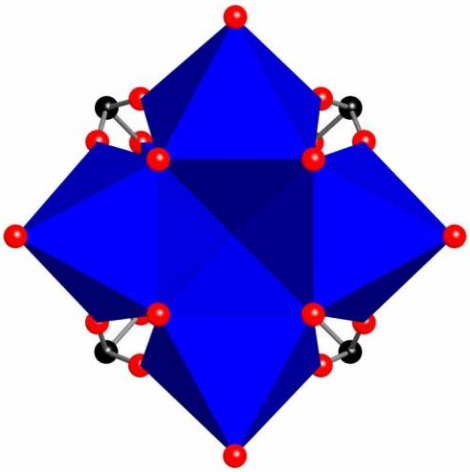
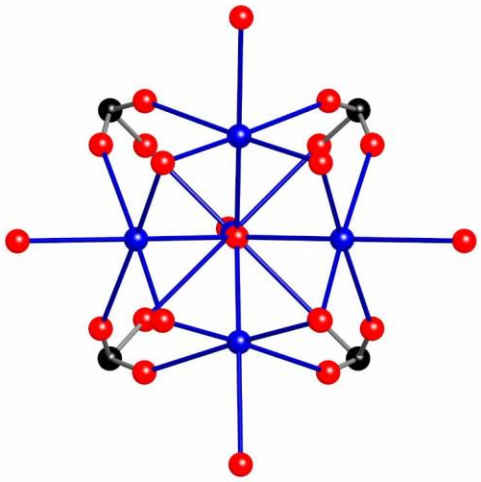
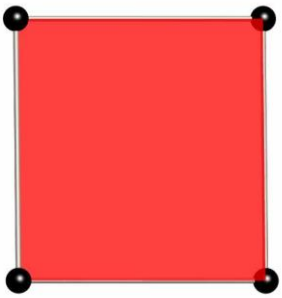
DANWOF A. C. Sudik et al *Inorg. Chem.*, **2005**, 44, p 2998



$Co_2(CO_2)_4(N)_4$

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

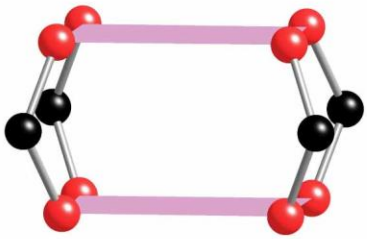
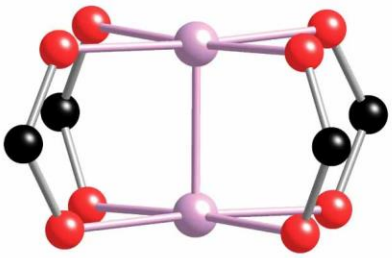
FETKIZ Hong-Yin He et al *Acta Crystallogr. Sect. E*, **2005**, 61, p m311

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

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

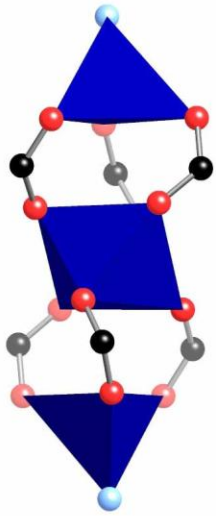
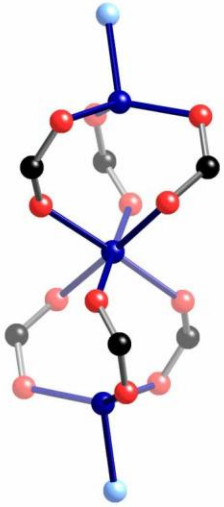
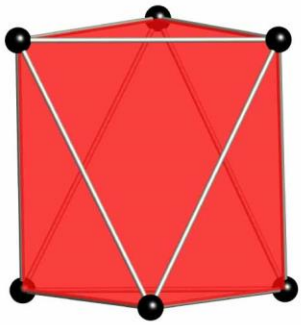
FEYJID Banglin Chen et al *Inorg. Chem.* **2005**, 181, p 181


$Mo_2(CO_2)_4$

$Mo_2(ClC_6H_4OCH_2CO_2)_4$

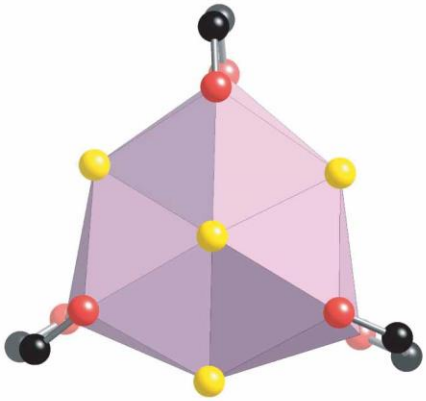
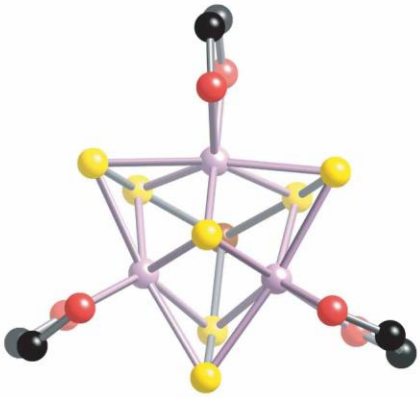
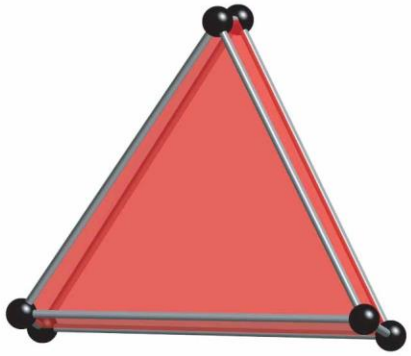
FOHHEQ T. Liwporncharoenvong, R. L. Luck *Acta Crystallogr. Sect. E*, **2005**, 61, p m1191

$Zn_3(CO_2)_6(N)_2$

$Zn_3(O_2CC_6H_4C_6H_4CO_2)_3(NC_5H_4C_5H_4N)_2$

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

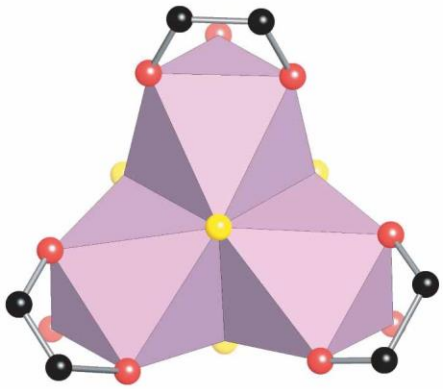
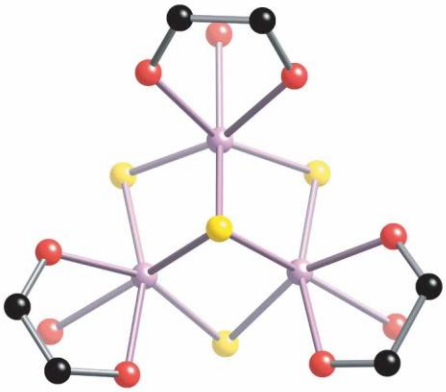
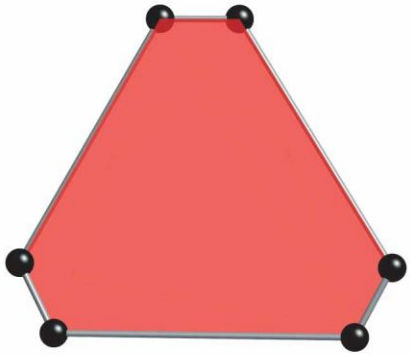




$Mo_3(C_2O_2)_3(S)_6$

$Mo_3(C_2O_4)_3(S)_6$

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

KAMMAN

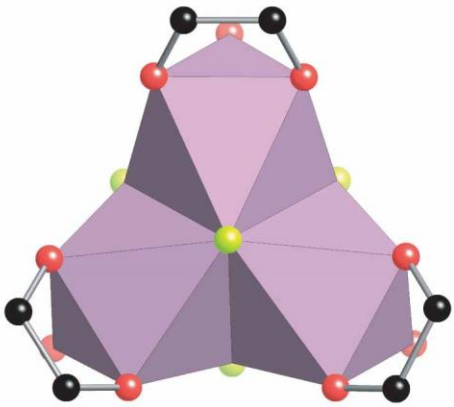
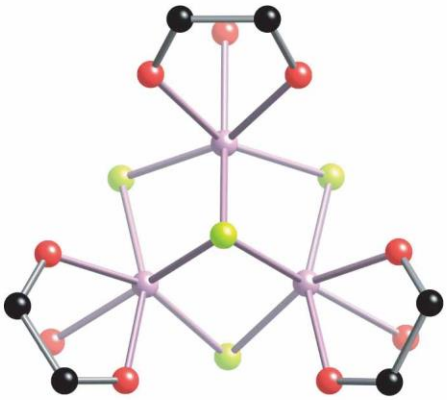




$Mo_3(C_2O_2)_3(S)_4(O)_3$

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

KAMMIV

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

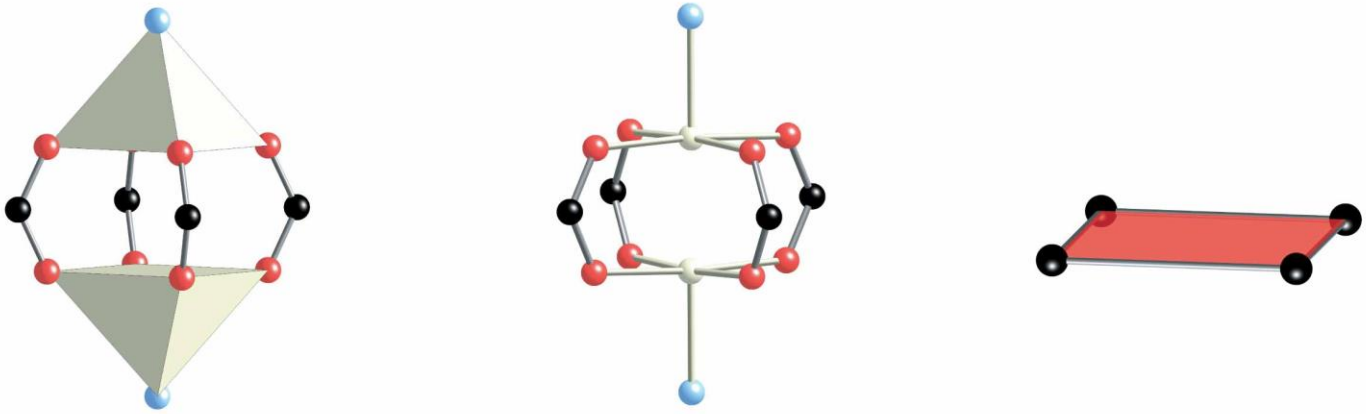




$Mo_3(C_2O_2)_3(Se)_4(O)_3$

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

KAMMOB

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

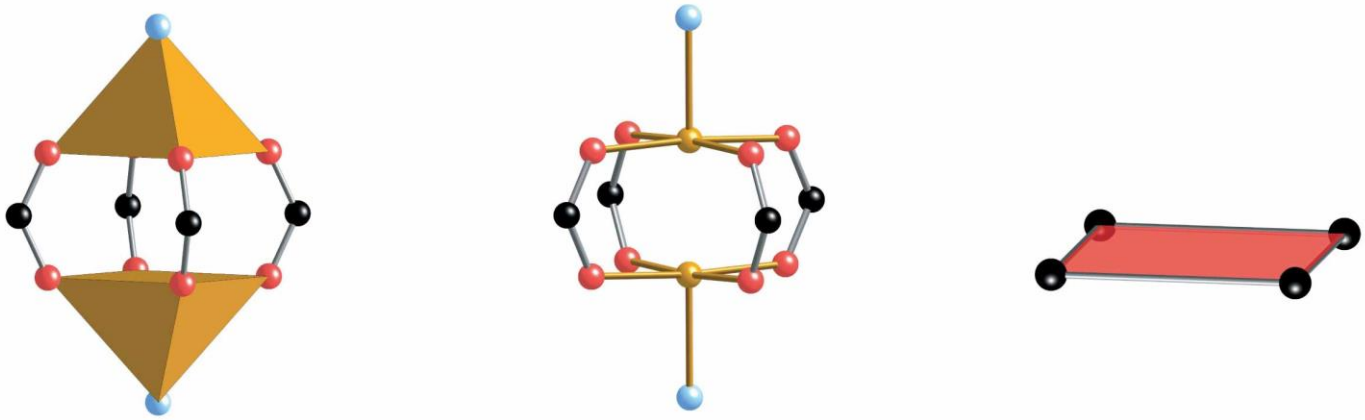


$Rh_2(CO_2)_4(N)_2$

$Rh_2(F_3CCO_2)_4(NCC_6H_4CN)$

KAPYEG

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

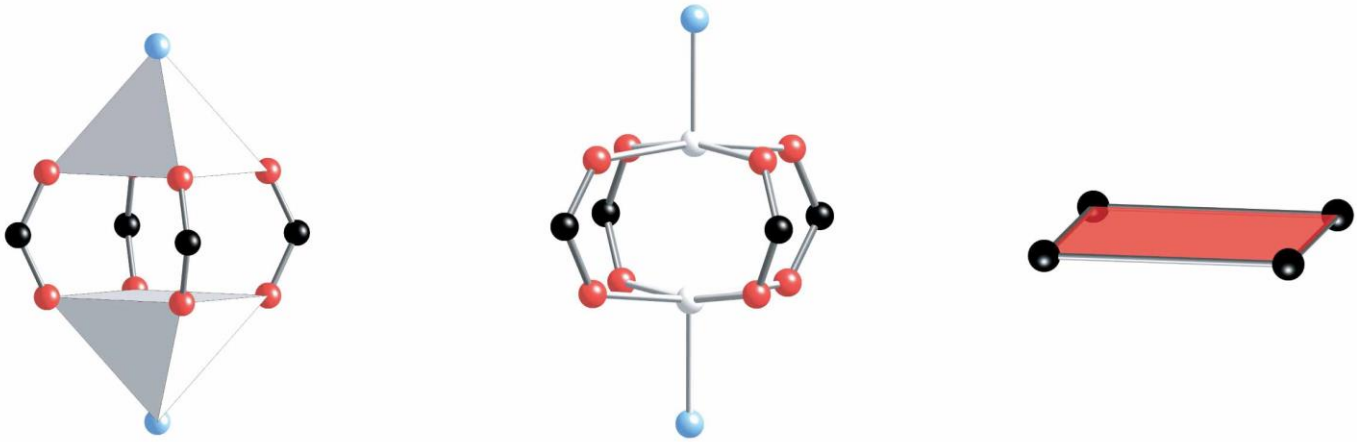


$Fe_2(CO_2)_4(N)_2$

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

KASBEM

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

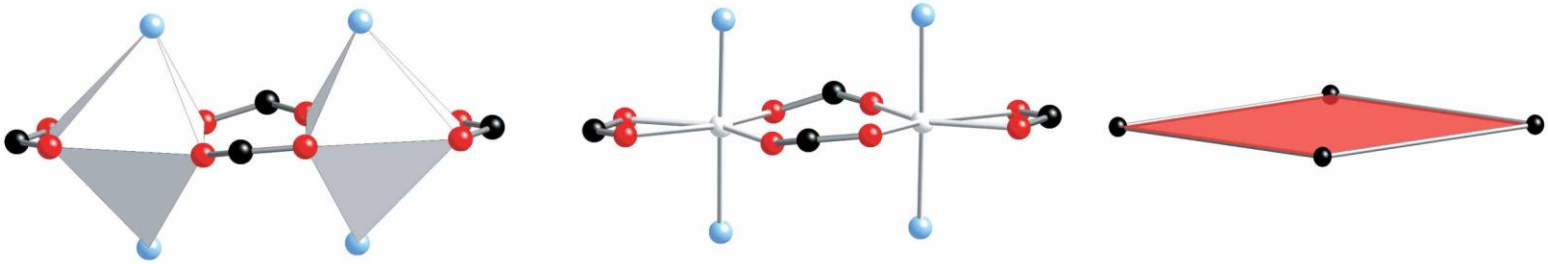


$Ni_2(CO_2)_4(N)_2$

$Ni_2(O_2CC_6H_4OC_6H_4CO_2)_4(NC_5H_4C_5H_4N)_2$

KAVLEZ

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

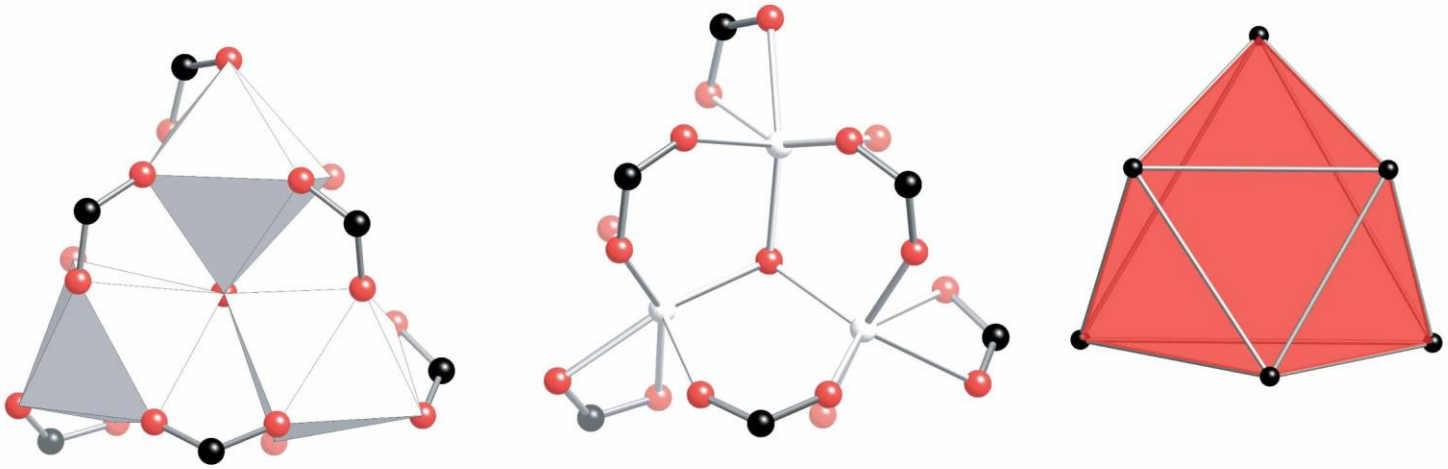


$Ni_2(CO_2)_4(N)_2$

$Ni_2(O_2CC_6H_4OC_6H_4CO_2)_4(NC_5H_4C_5H_4N)_2$

KAVLID

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

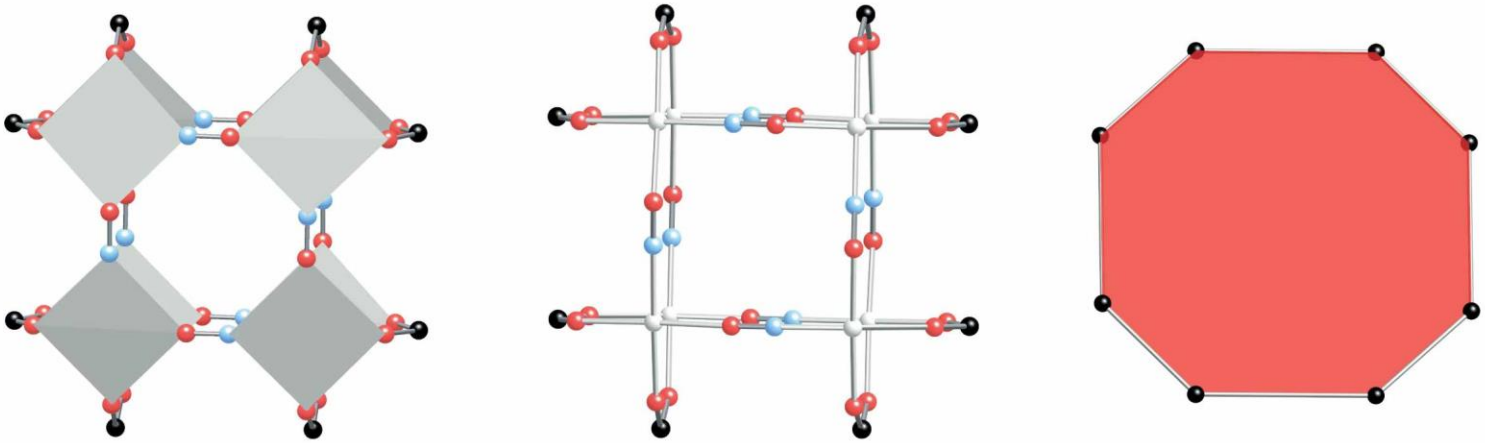


$Ni_3(CO_2)_6(O)_4$

$Ni_3(NC_5H_3CO_2)_6(H_2O)_4$

LATYOV

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

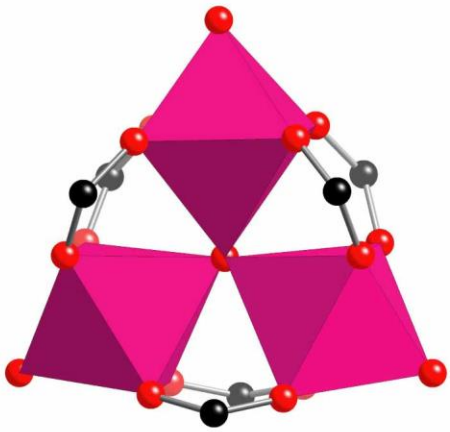
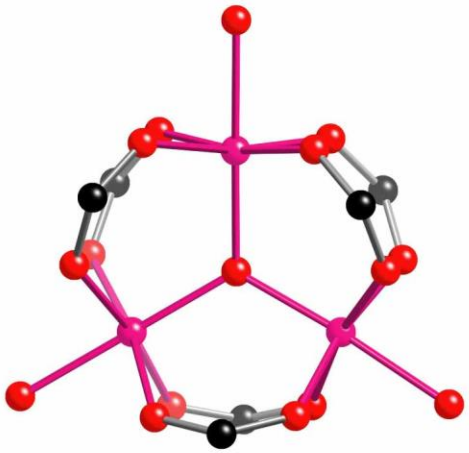
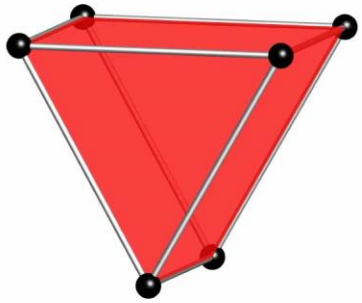


$Pd_8(CO_2)_8(NO)_8$

$Pd_8(CH_3CO_2)_8(NO)_8$

LAVXUC

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

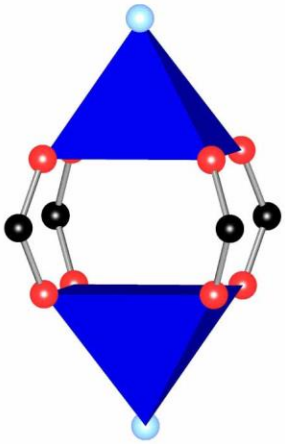
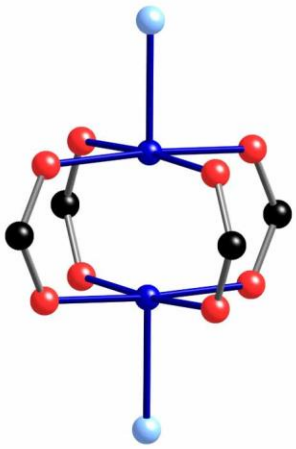




$Cr_3(CO_2)_6(O)_4$

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

OCUNAC

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

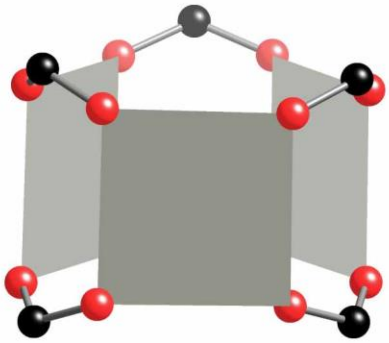
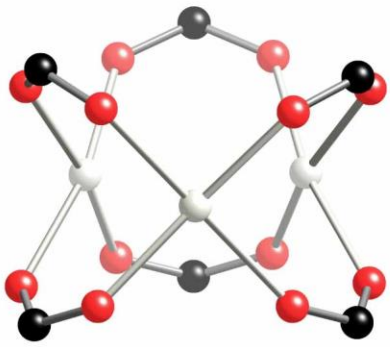
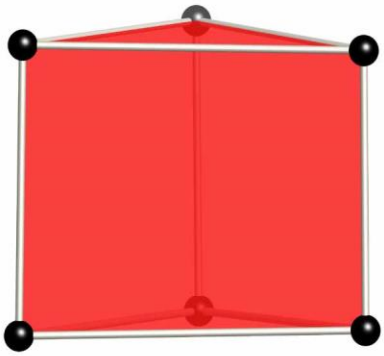




$Co_2(CO_2)_4(N)_2$

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

PAXBOG

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

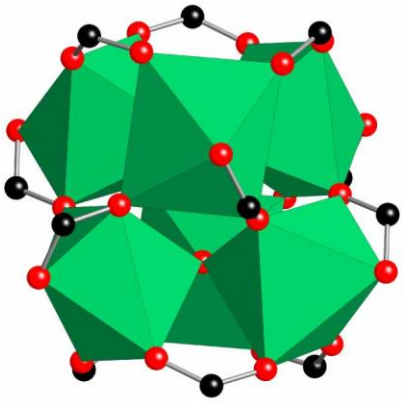
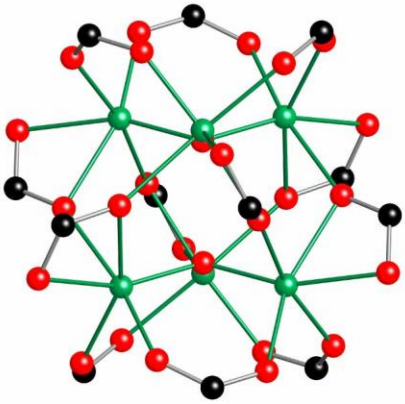
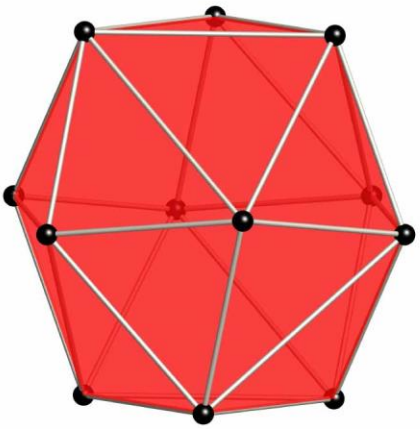




$Pd_3(CO_2)_6$

$Pd_3(CH_3CO_2)_6$

SAQWUD

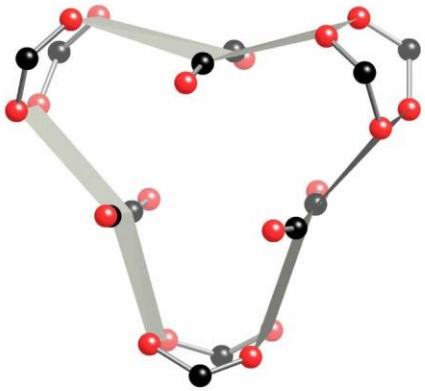
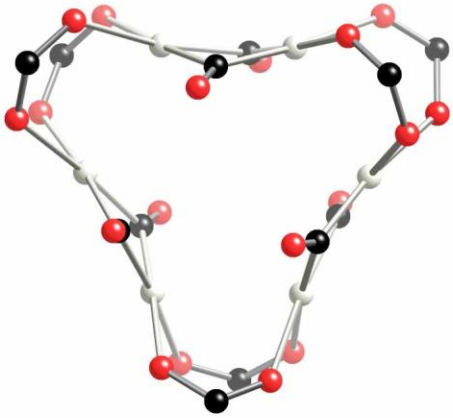
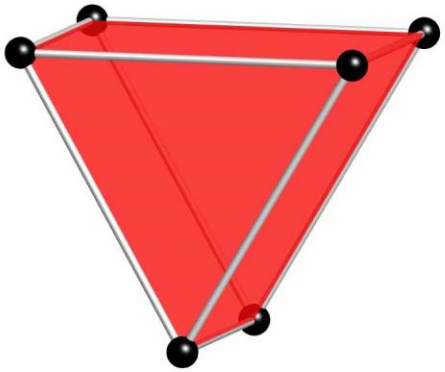
V. I. Bakhmutov et al *Dalton Trans.*, **2005**, p 1989

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

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

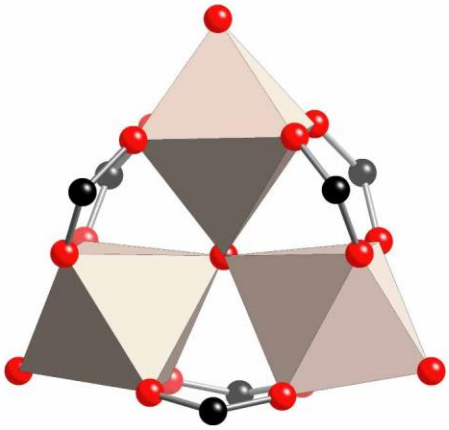
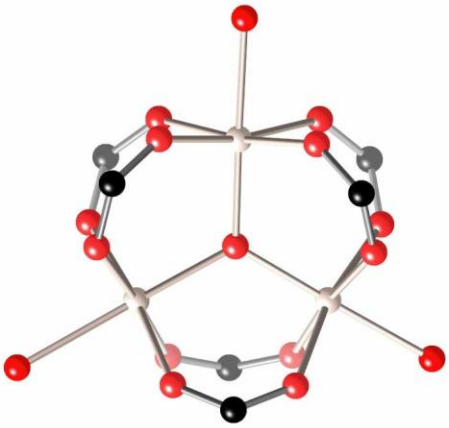
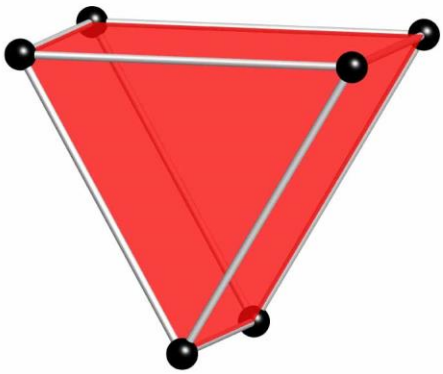
TAXFII C. Livage et al *Angew. Chem., Int. Ed.*, **2005**, 44, p 6488

$Pd_6(CO_2)_6(CO)_6$

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

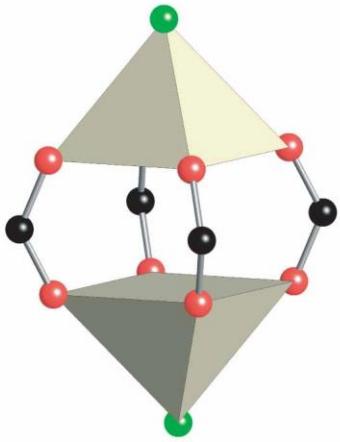
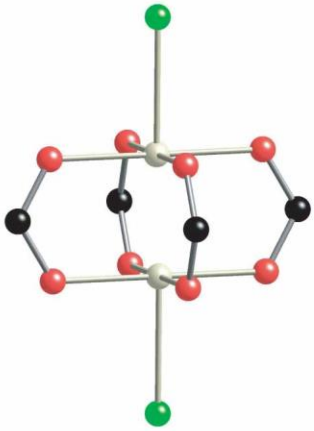
XAVDEE T. A. Stromnova et al *Zh. Neorg. Khim. (Russ. J. Inorg. Chem.)*, **2005**, 50, p 219

$Ru_3(CO_2)_6(O)_4$

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

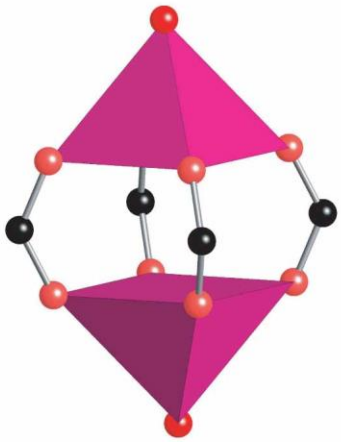
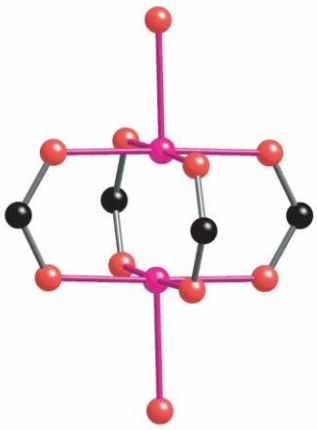
LEGGEJ O. Almog et al *Inorg. Chim. Acta* **1993**, 213, p 99


$Re_2(CO_2)_4(Cl)_2$

$Re_2(CH_3CO_2)_4(Cl)_2$

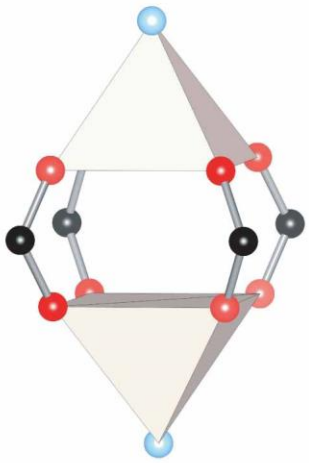
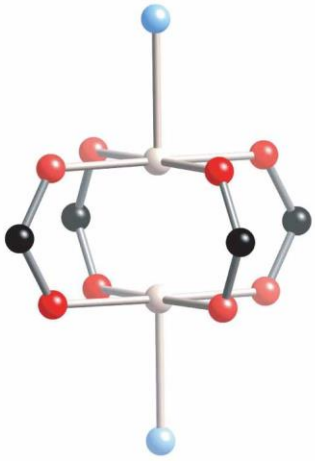
ACCLRE P. A. Kozmin et al *Koord. Khim. (Russ.) (Coord. Chem.)* **1980**, 6, p 1256


$Cr_2(CO_2)_4(O)_2$

$Cr_2(CH_3CO_2)_4(CH_3OHCO)_2$

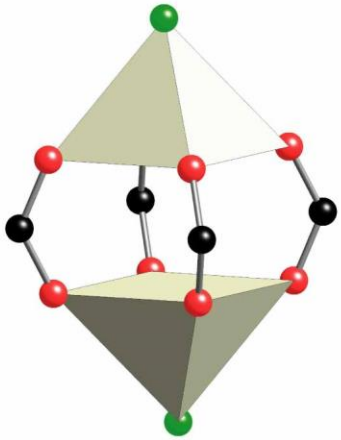
ACETCR F. A. Cotton, G. W. Rice *Inorg. Chem.*, **1978**, 17, p 2004

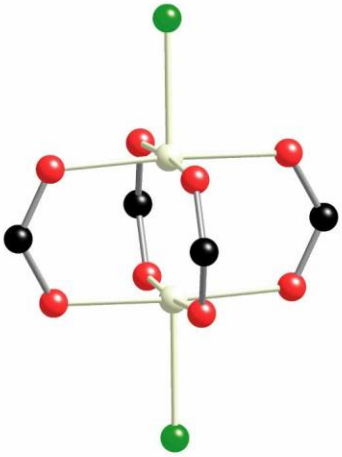




$Ru_2(CO_2)_4(N)_2$

$Ru_2(CH_3CO_2)_4(C_9H_7N)_2$

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





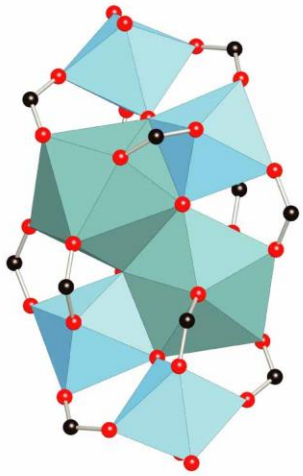


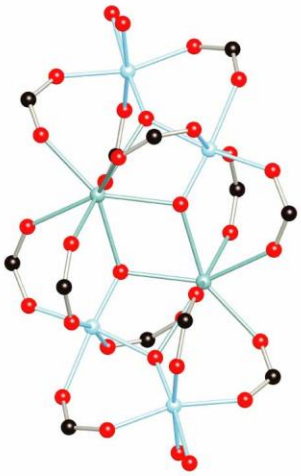
$Rh_2(CO_2)_4(Cl)_2$

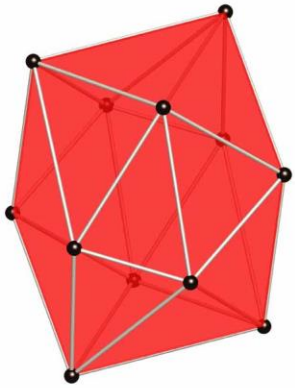
$Rh_2(CH_3CO_2)_4(Cl)_2$

ACCRHG01

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





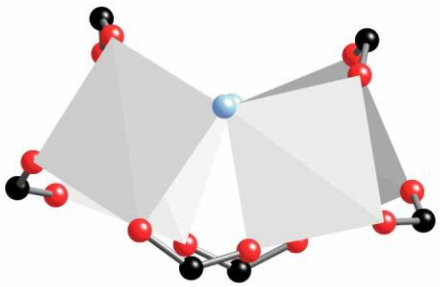


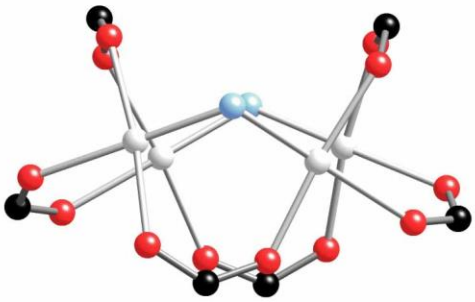
$Ti_4Y_2(CO_2)_{12}(O)_4(O)_4$

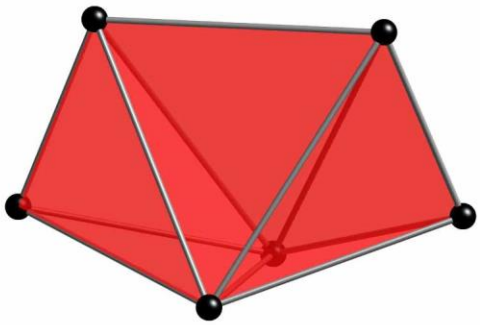
$Ti_4Y_2(CH_2{=}CCH_3CO_2)_{12}(CH_2{=}CCH_3COO)_4(O)_4$

IXIJAA

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





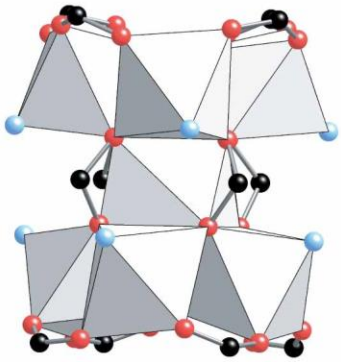
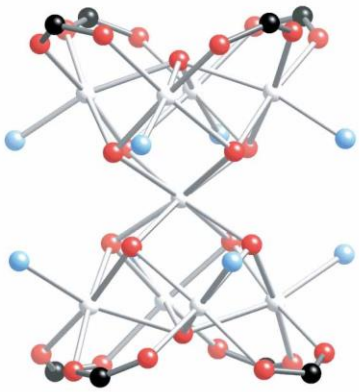
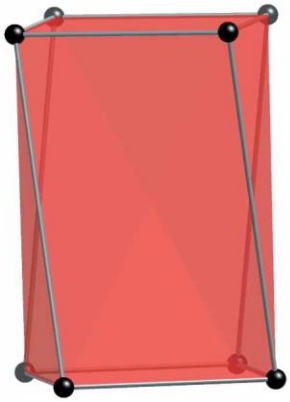


$Pt_4(CO_2)_6(NO)_2$

$Pt_4(CH_3CO_2)_6(NO)_2$

ACNSPT

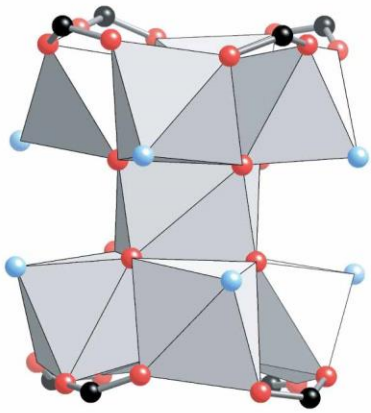
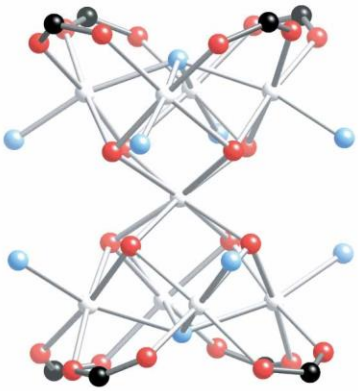
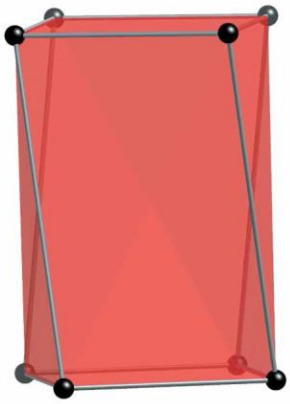
P. de Meester, A. C. Skapski *J. Chem. Soc., Dalton Trans.*, **1973**, p 1194

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

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

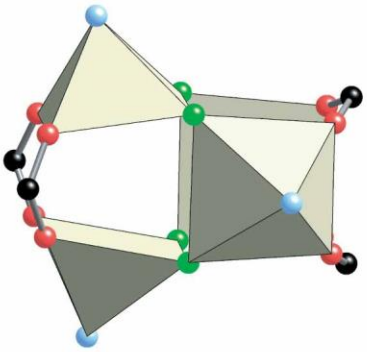
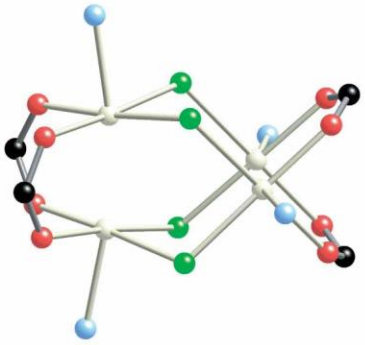
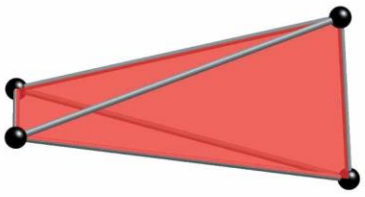
ACOFIH G. S. Papaefstathiou et al *Chem. Commun.*, **2001**, p 2414

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

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

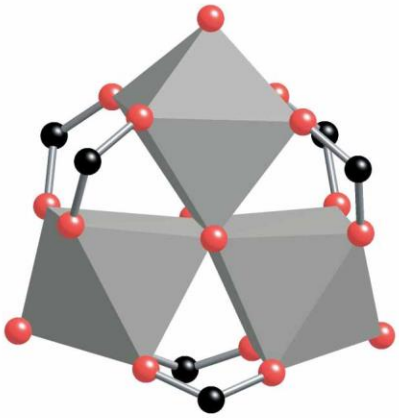
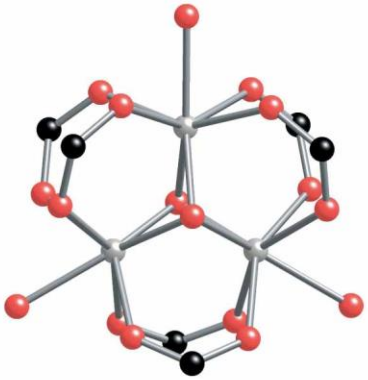
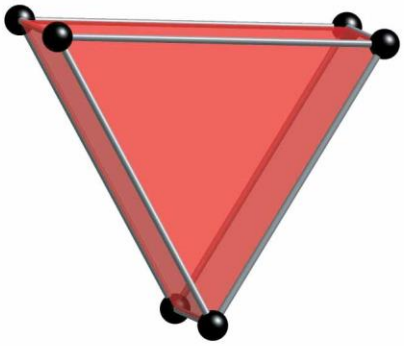
ACOFIH G. S. Papaefstathiou et al *Chem. Commun.*, **2001**, p 2414

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

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

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

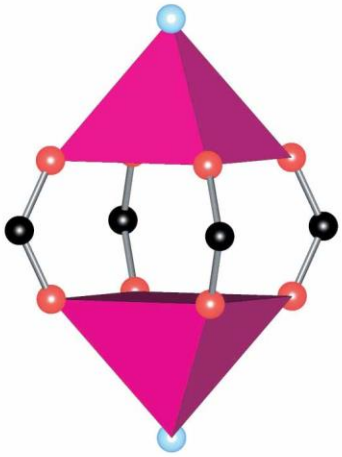
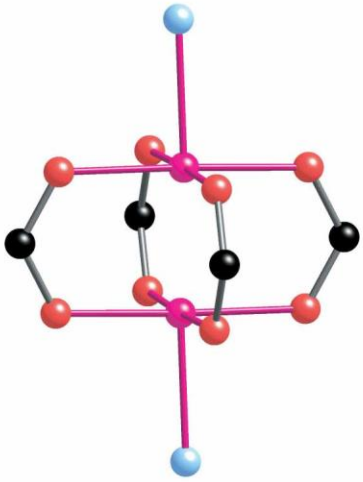




$W_3(CO_2)_6(O)_2(O)_3$

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

ACOWIR20

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

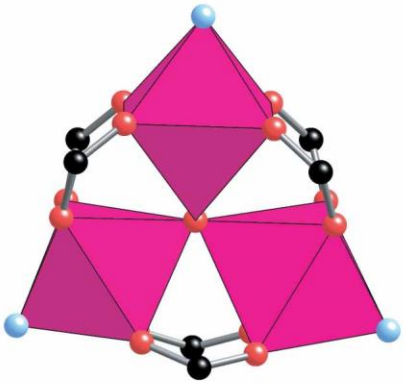
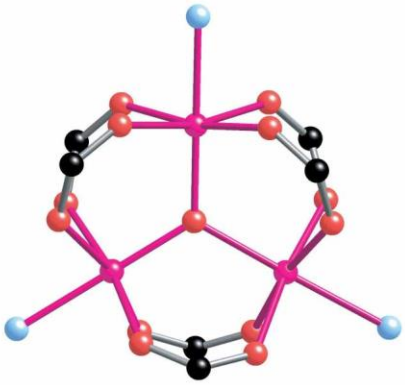
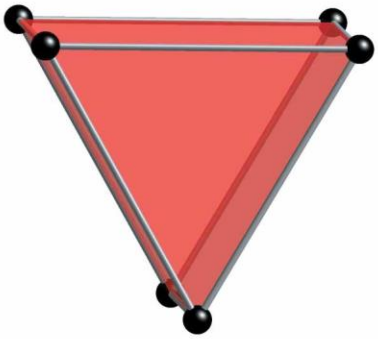




$Cr_2(CO_2)_4(N)_2$

$Cr_2(CH_3CO_2)_4(C_5H_5N)_2$

ACPCRA

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

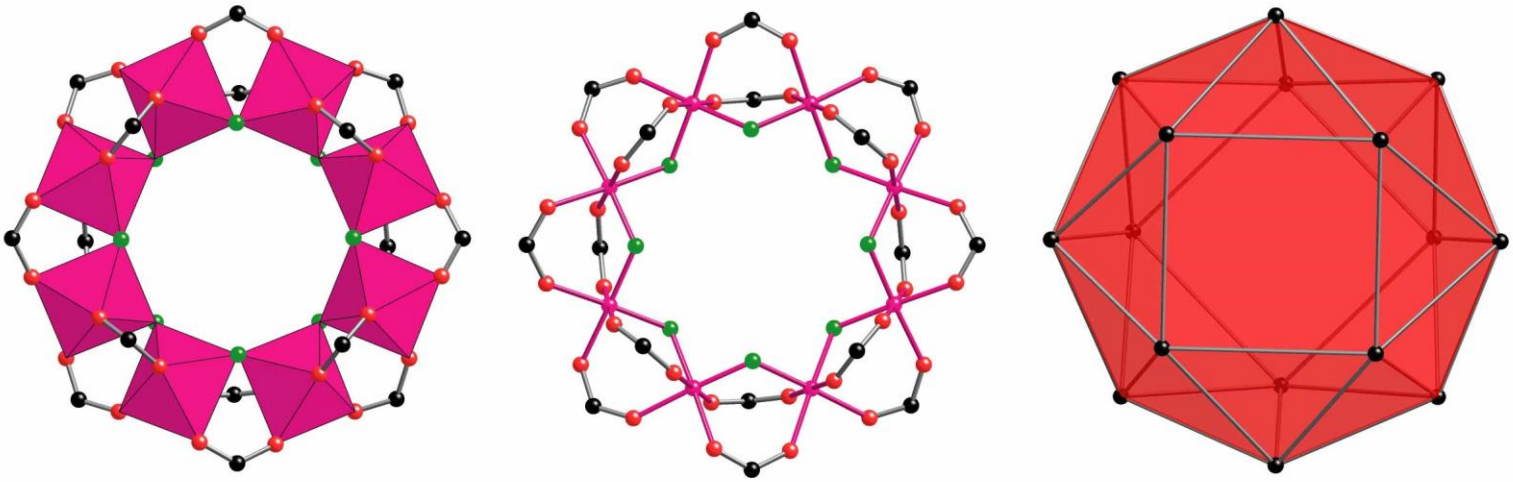




$Mn_3(CO_2)_6(O)(N)_3$

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

ACPYMN

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

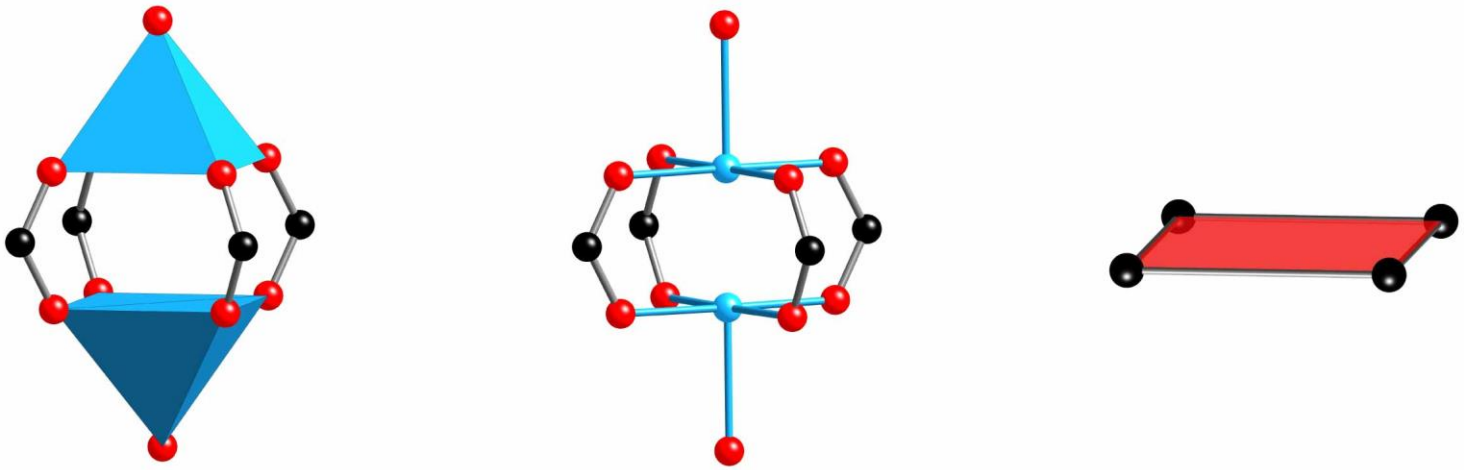


$Cr_8(CO_2)_{16}(F)_8$

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

ADIZOC

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

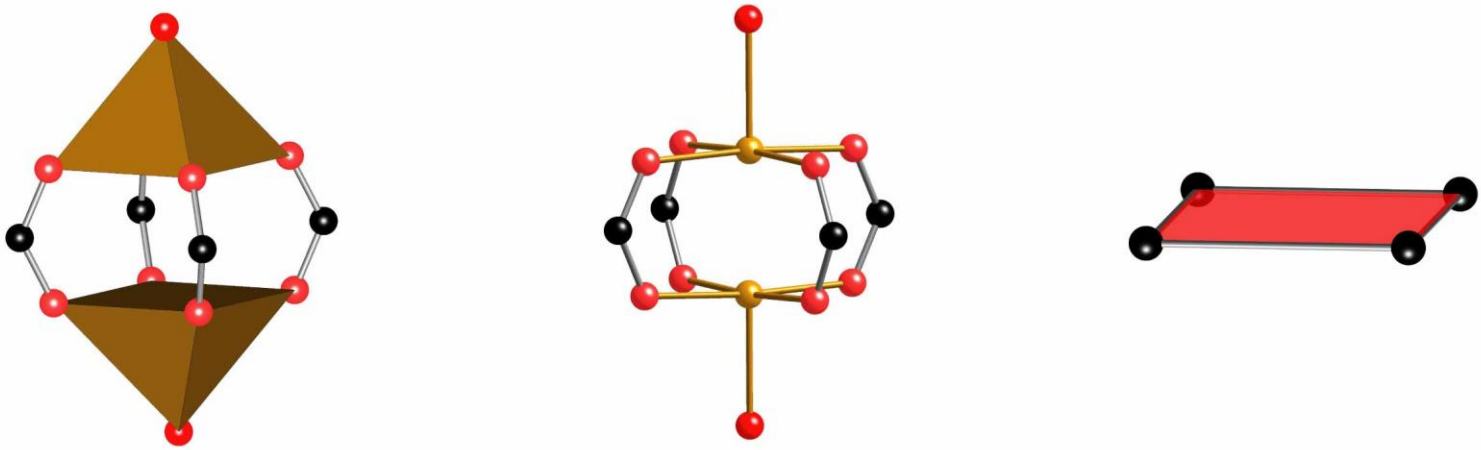


$Zn_2(CO_2)_4(O)_2$

$Zn_2(CF_3CO_2)_4(CF_3COO)_2$

AGAHEV

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

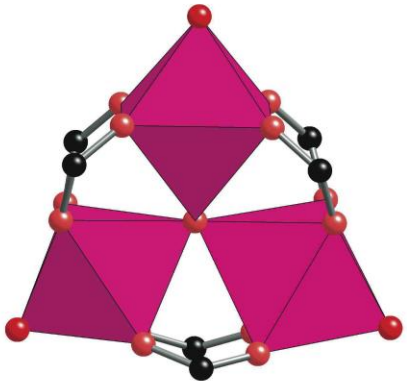
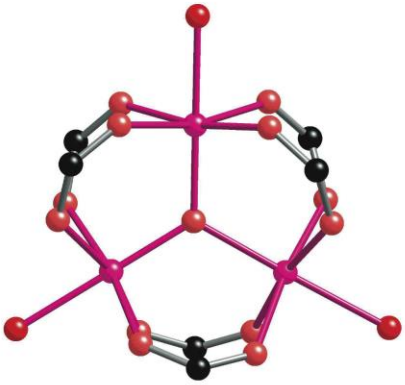


$Fe_2(CO_2)_4(O)_2$

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

AGAXIP

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

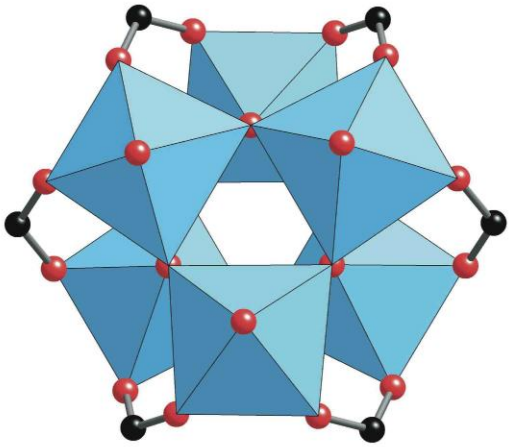
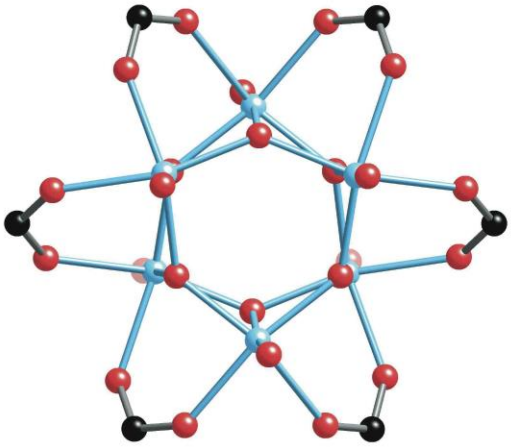
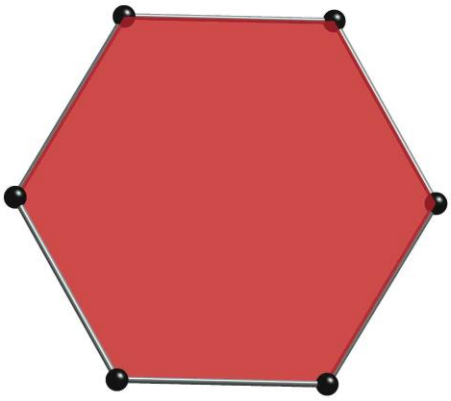




AHMNAC

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

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

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

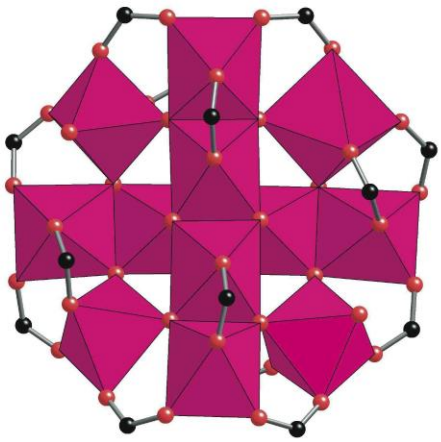
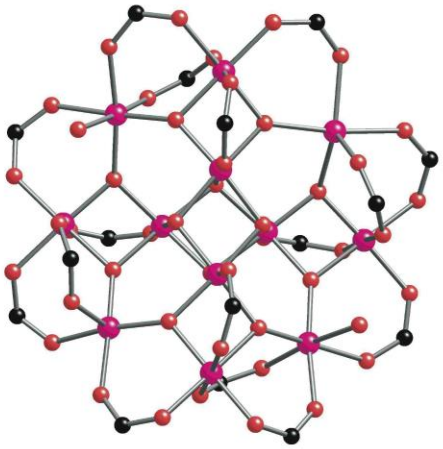
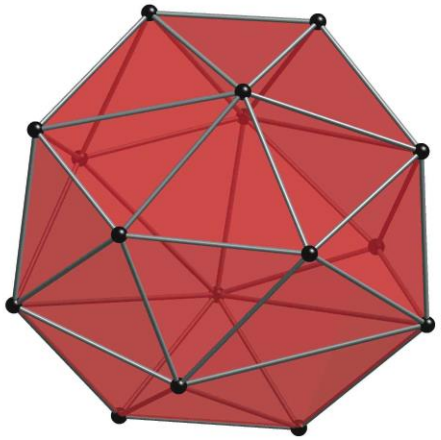




$Ti_6(CO_2)_6(O)_6$

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

AJIMAH

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

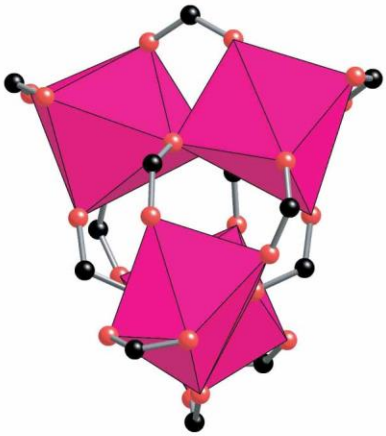
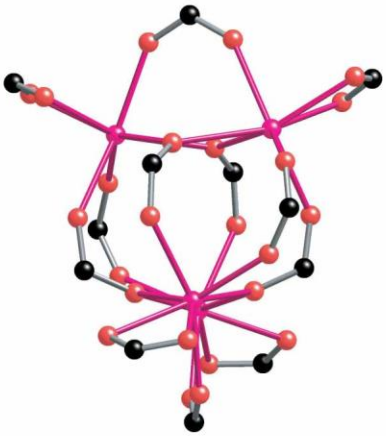
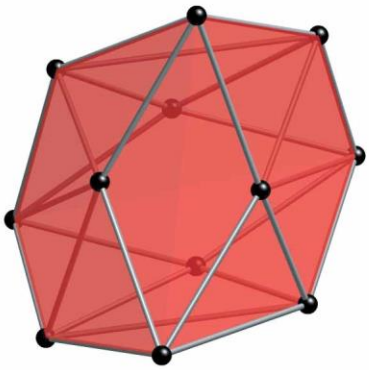




$Mn_{12}(CO_2)_{16}(O)_2(O)_{12}$

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

AJIMAH

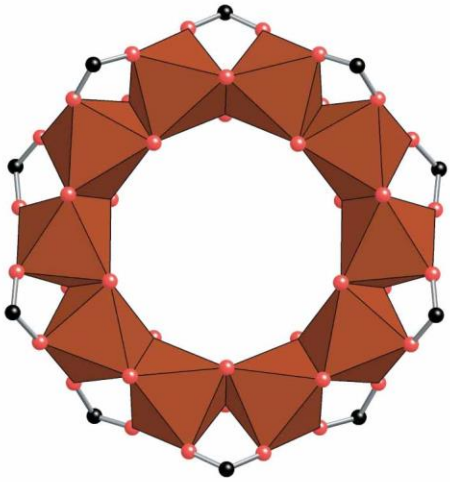
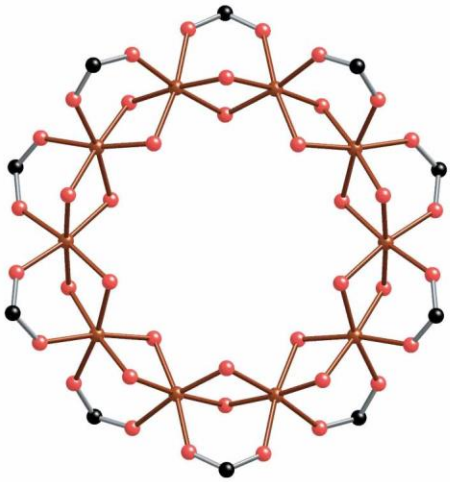
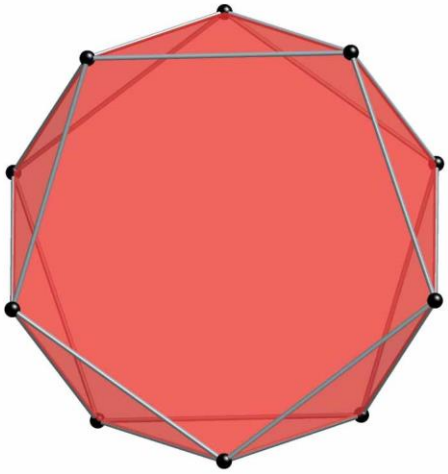
T. Kuroda-Sowa et al *Polyhedron*, **2003**, 22, p 1795

$Sm_4(CO_2)_8(CO_2)_4$

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

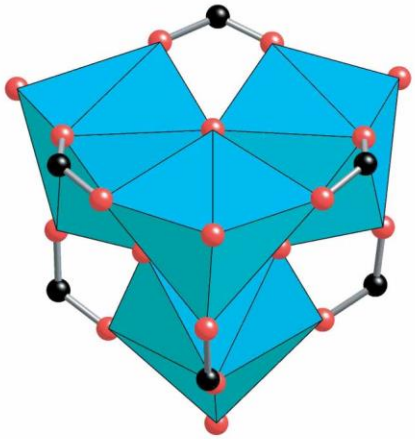
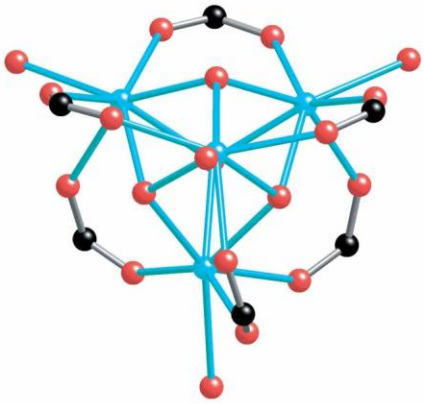
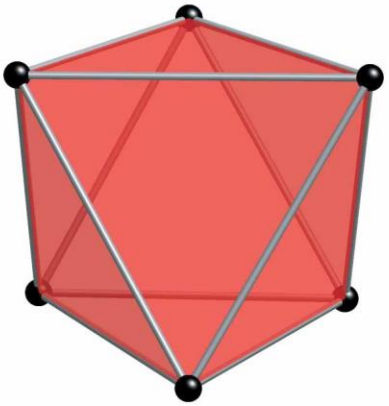
AQEZOL U. Baiisch, W. Schnick *Z. Anorg. Allg. Chem.*, **2003**, 629, p 2073

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

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

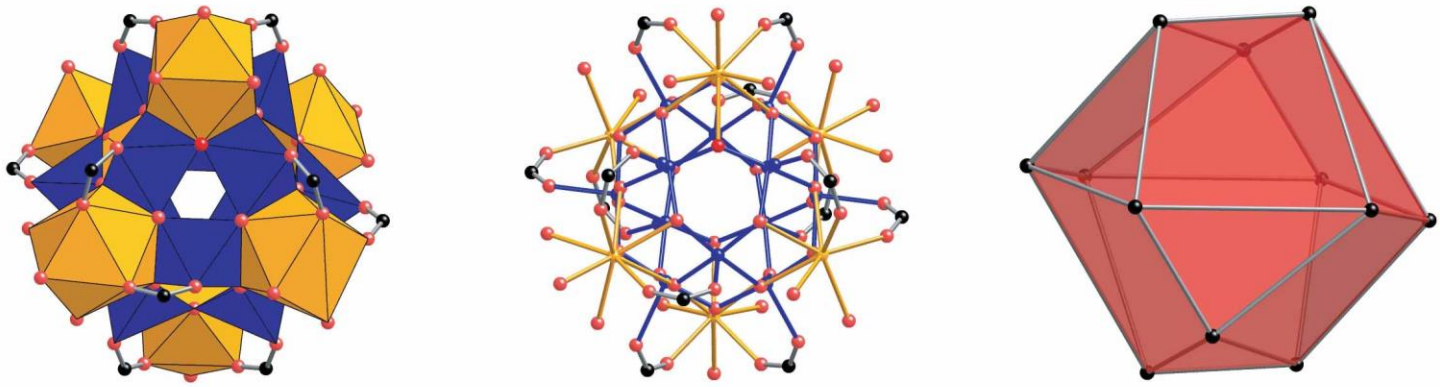
AQUPUX R. H. Laye et al *Chem. Eur. J.*, **2003**, 9, p 6215

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

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

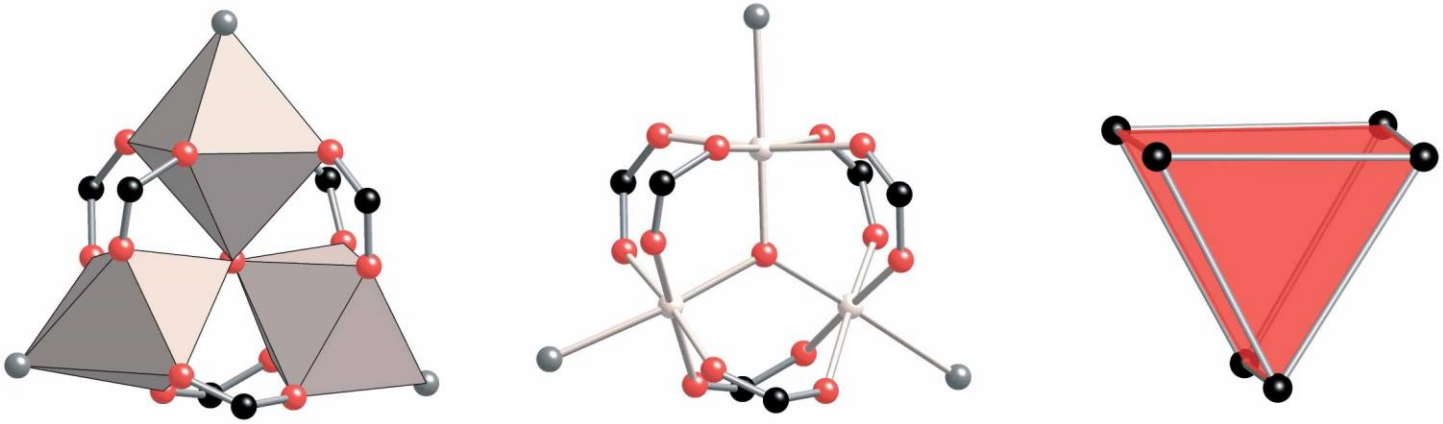
AROXEK Jinping Wang et al *Acta Crystallogr. Sect. C*, **2004**, 60, p m143



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

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

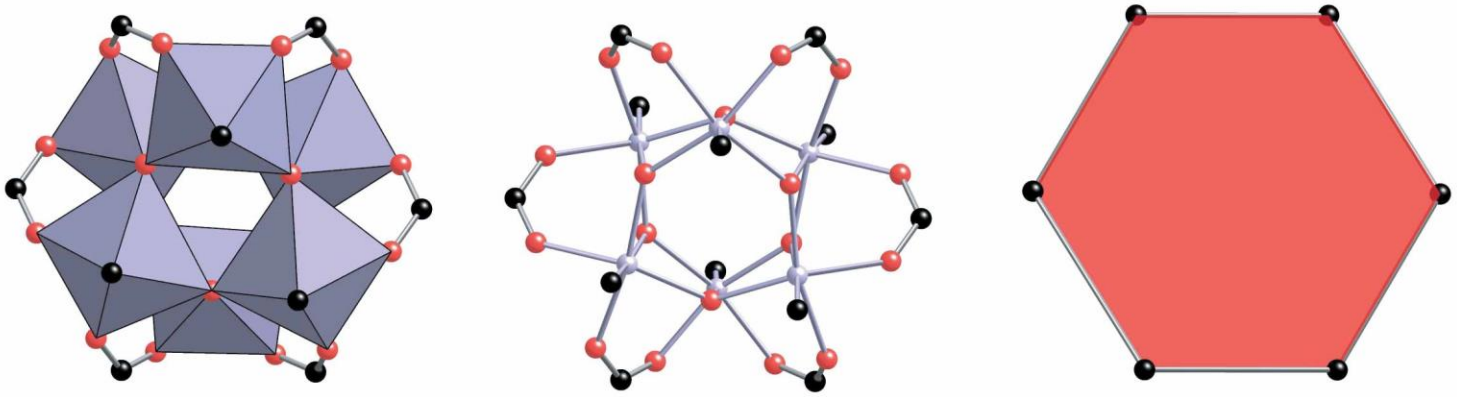
ASAYOI Yang-Yi Yang et al *Z. Anorg. Allg. Chem.*, **2004**, 630, p 286



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

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

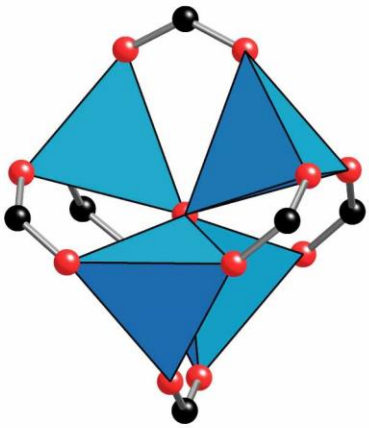
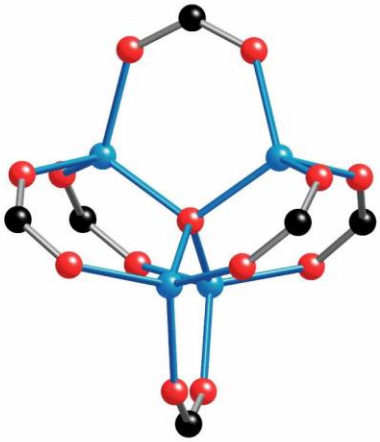
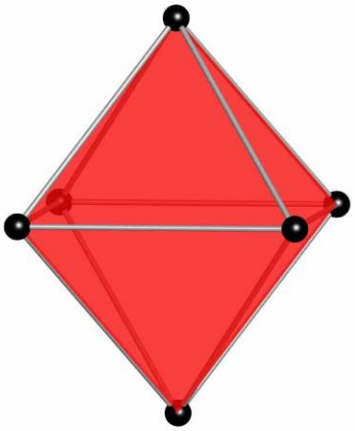
ATPORU10 F. A. Cotton, J. G. Norman Junior *Inorg. Chim. Acta*, **1972**, 6, p 411



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

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

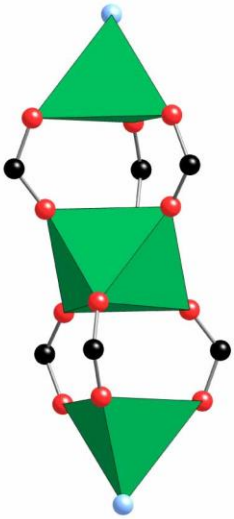
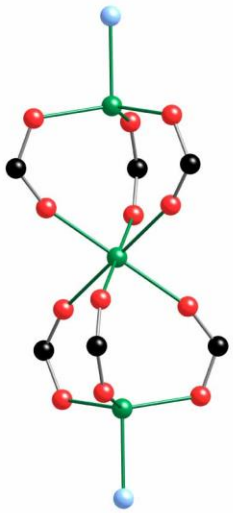
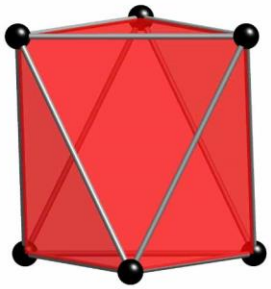
AWIRUT Handong Yin et al *Indian J. Chem., Sect. B*, **2004**, 43, p 612

$Zn_4(CO_2)_6(O)$

$Zn_4(CH_3CO_2)_6(O)$

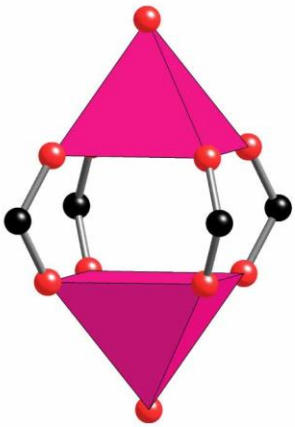
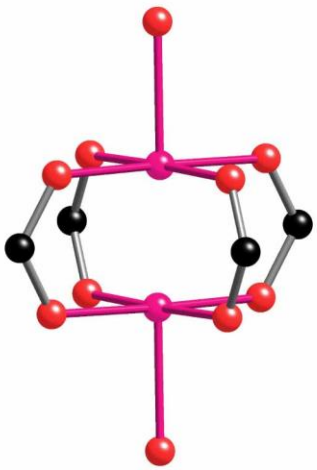
AXUBAW H. Kovama, Y. Saito *Bull. Chem. Soc. Jpn.*, **1954**, 27, p 112

$Co_3(CO_2)_6(N)_2$

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

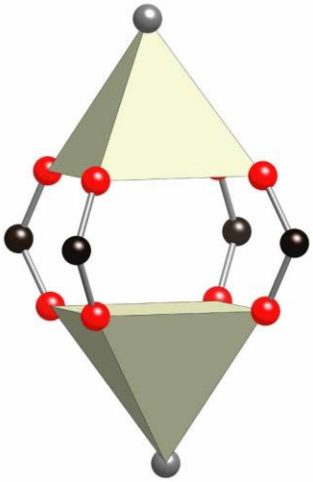
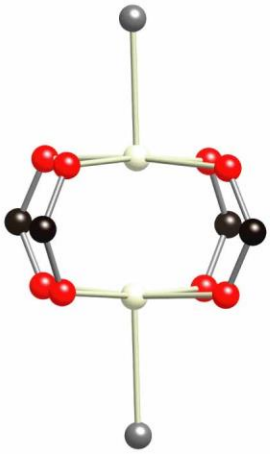
AZENAU S. E. Nefedov *Russ. Chem. Bull.*, **2004**, p 249


$Mn_2(CO_2)_4(O)_2$

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

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

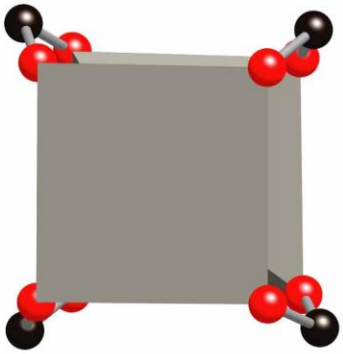
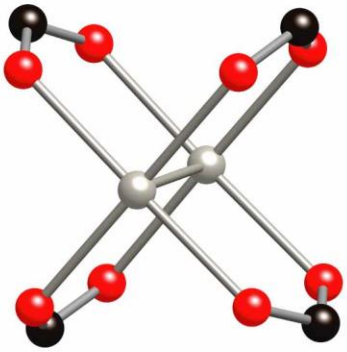
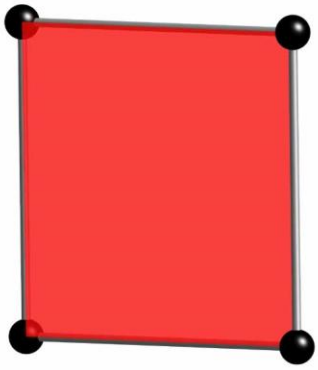




$Rh_2(CO_2)_4(P)_2$

$Rh_2(CH_3CO_2)_4(PC_6H_5)_2$

BAMMEH

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

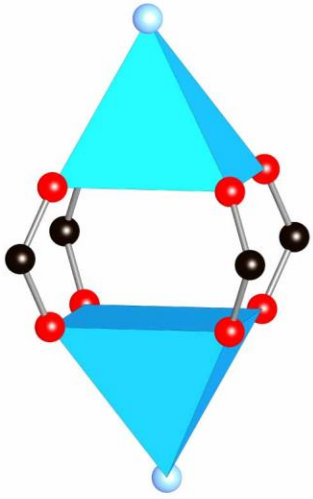
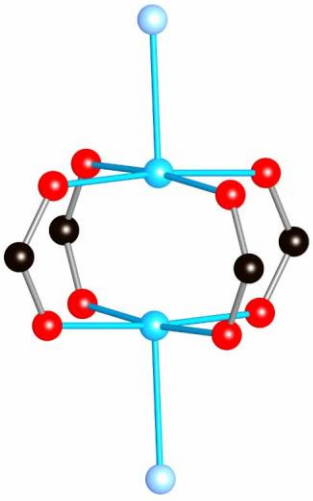




$W_2(CO_2)_4$

$W_2(CF_3CO_2)_4$

BANCIC

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

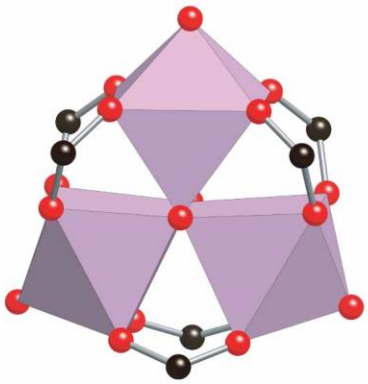
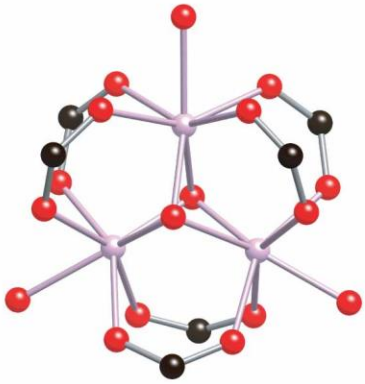
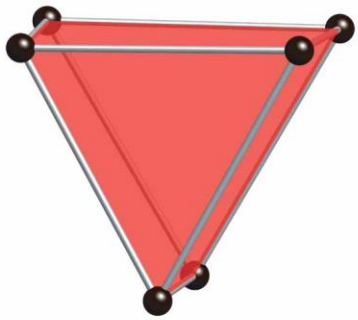




$Zn_2(CO_2)_4(N)_2$

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

BARZAW

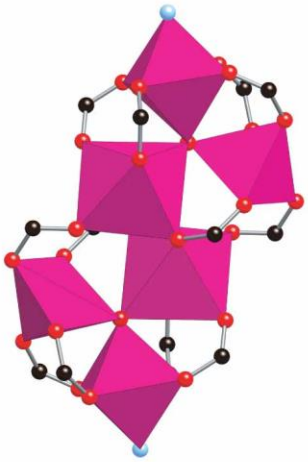
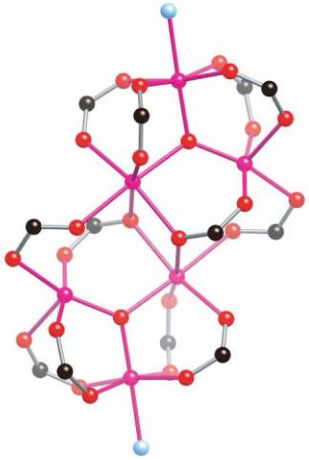
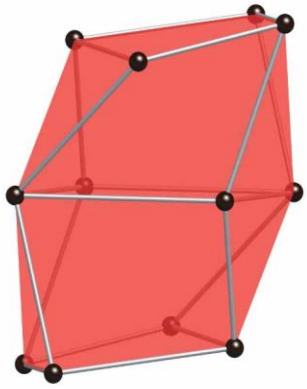
B. Moulton et al *Chem. Commun.*, **2003**, p 1342

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

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

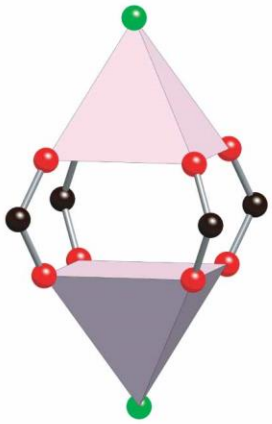
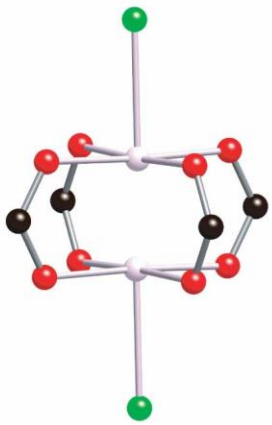
BATMIS A. Bino, D. Gibson *J. Am. Chem. Soc.*, **1981**, 103, p 6741

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

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

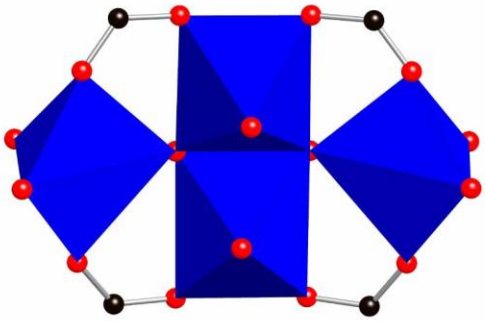
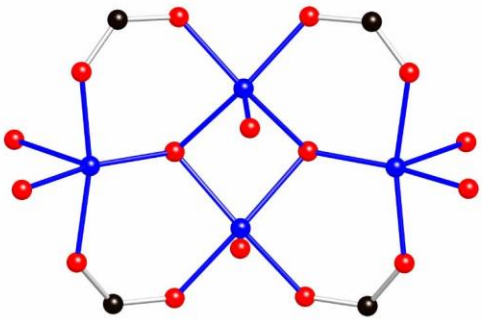
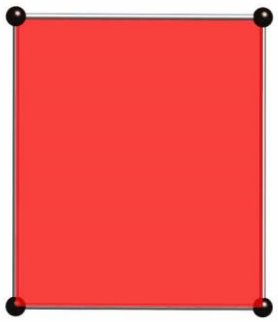
BAYXOP D. M. Low et al *Chem. Commun.*, **2003**, p 2330


$Tc_2(CO_2)_4$

$Tc_2(CH_3CO_2)_4$

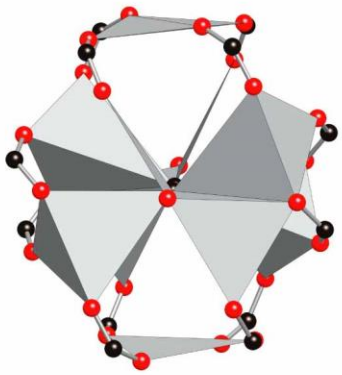
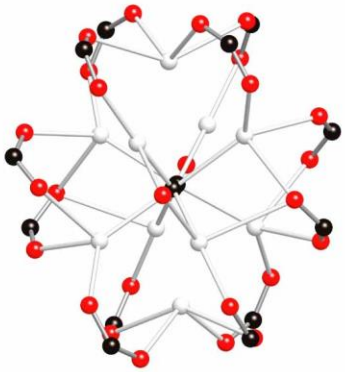
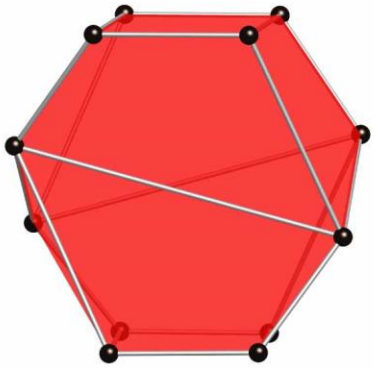
BAZTUR P. A. Kozmin et al *Koord. Khim. (Russ.)(Coord. Chem.)*, **1981**, 7, p 1719

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

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

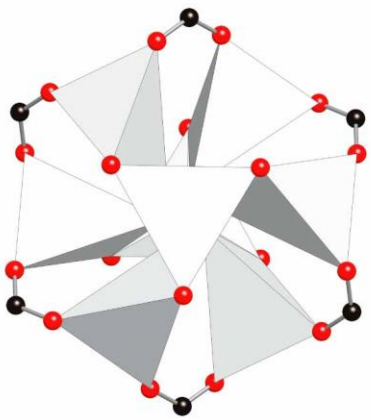
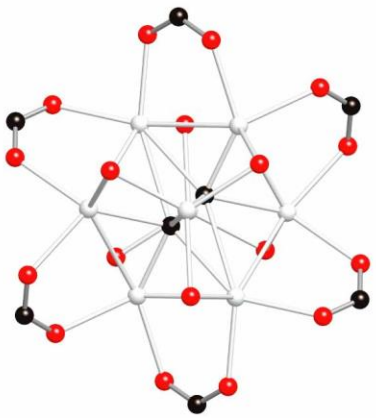
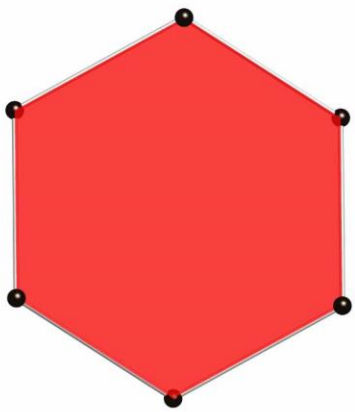
BEGZAO P. Knuuttila *Inorg. Chim. Acta*, **1982**, 58, p 201

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

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

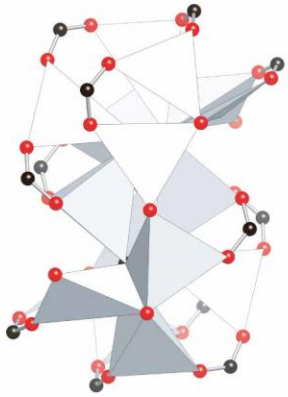
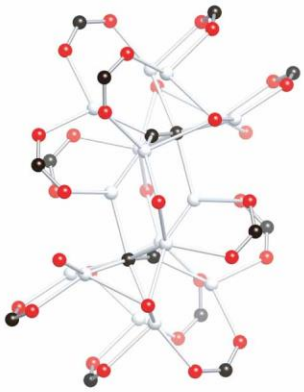
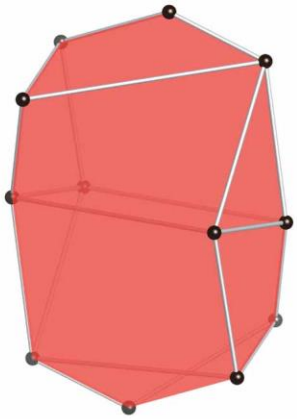
BEJRIS Xiao-Li Zhao et al *Inorg. Chem.*, **2003**, 42, p 7872

$Ag_8(CO_2)_6(O)_6$

$Ag_8(CF_3CO_2)_6(NHC_9H_6O)_6$

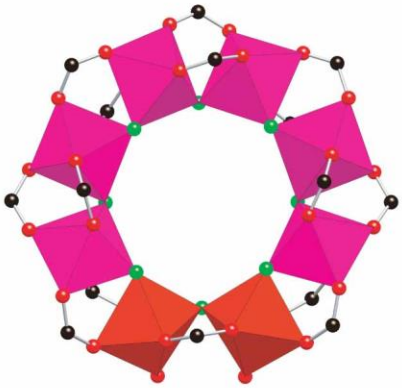
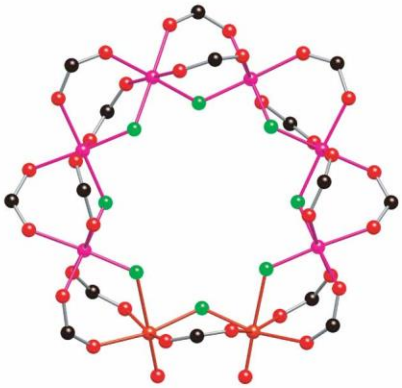
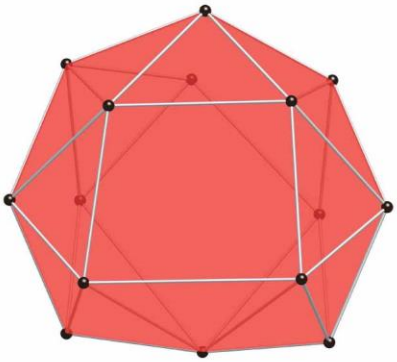
BEJROY Xiao-Li Zhao et al *Inorg. Chem.*, **2003**, 42, p 7872

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

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

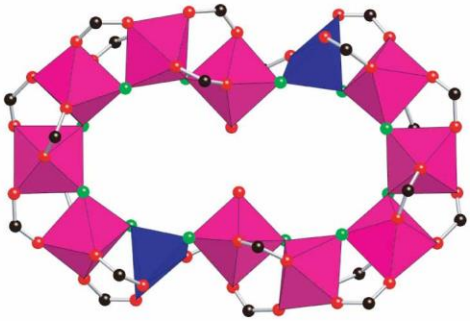
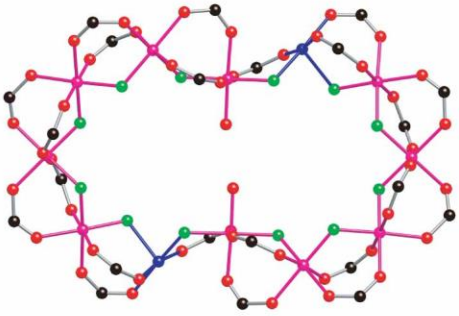
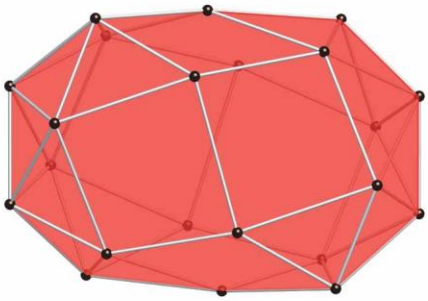
BEJRUE Xiao-Li Zhao et al *Inorg. Chem.*, **2003**, 42, p 7872

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

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

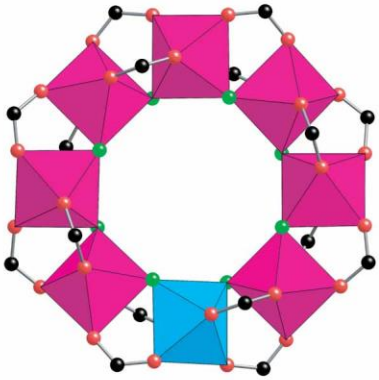
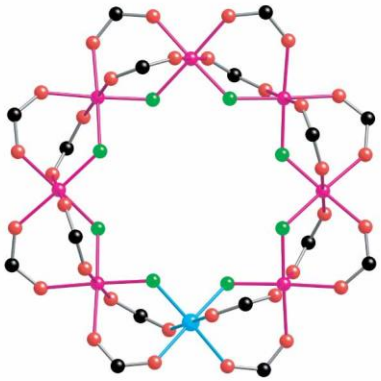
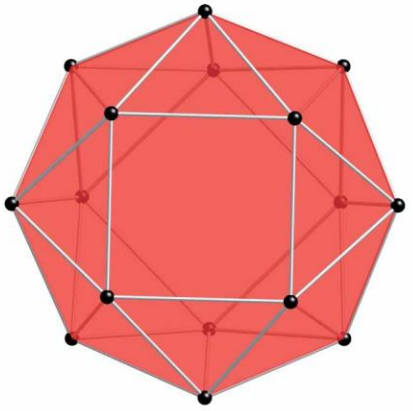
BEMCIG F. K. Larsen et al *Angew.Chem.,Int.Ed.*, **2003**, 42, p 5978

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

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

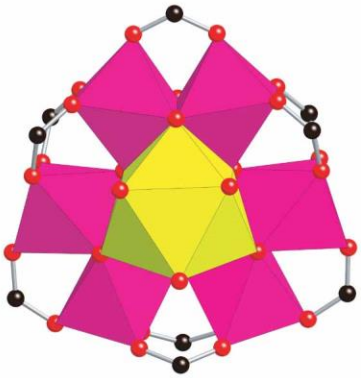
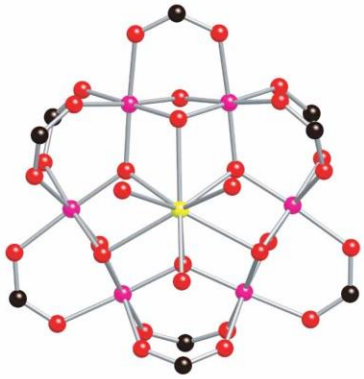
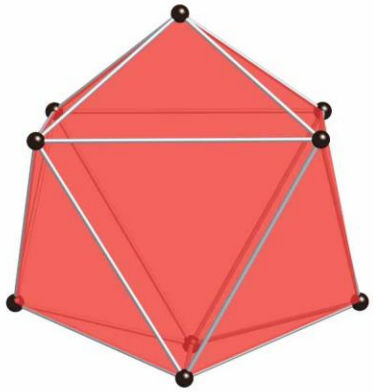
BEMCOM F. K. Larsen et al *Angew.Chem.,Int.Ed.*, **2003**, 42, p 5978

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

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

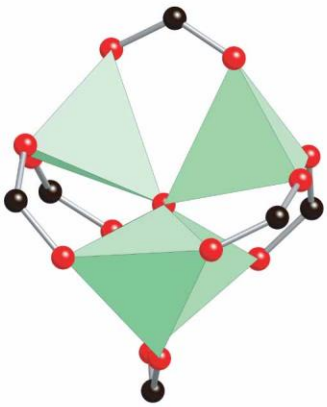
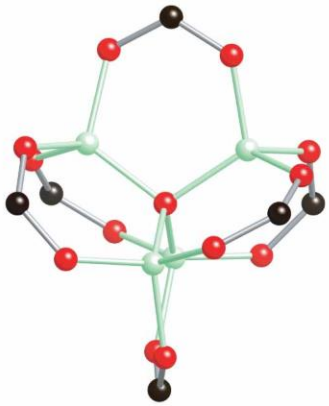
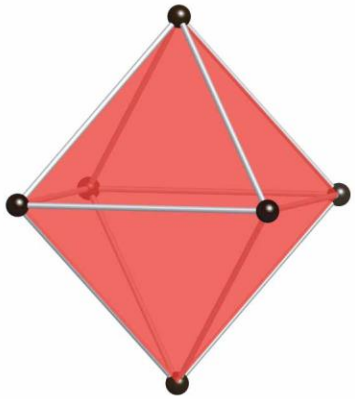
BEMCUS F. K. Larsen et al *Angew.Chem.,Int.Ed.*, **2003**, 42, p 5978

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

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

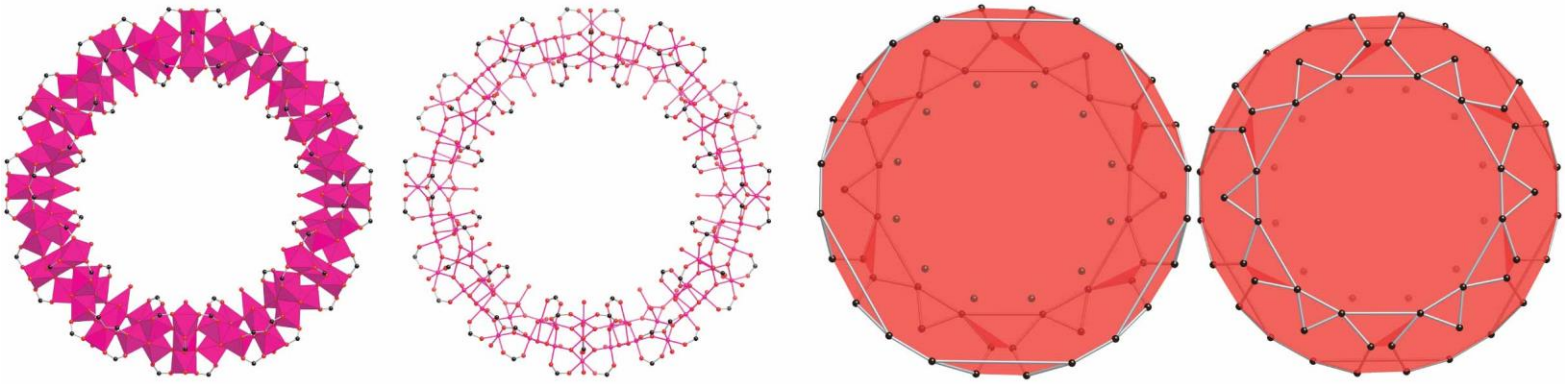
BEMPAL A. J. Tasiopoulos et al *Angew.Chem.,Int.Ed.*, **2004**, 43, p 345

$Be_4(CO_2)_6(O)$

$Be_4(CH_3CO_2)_6(O)$

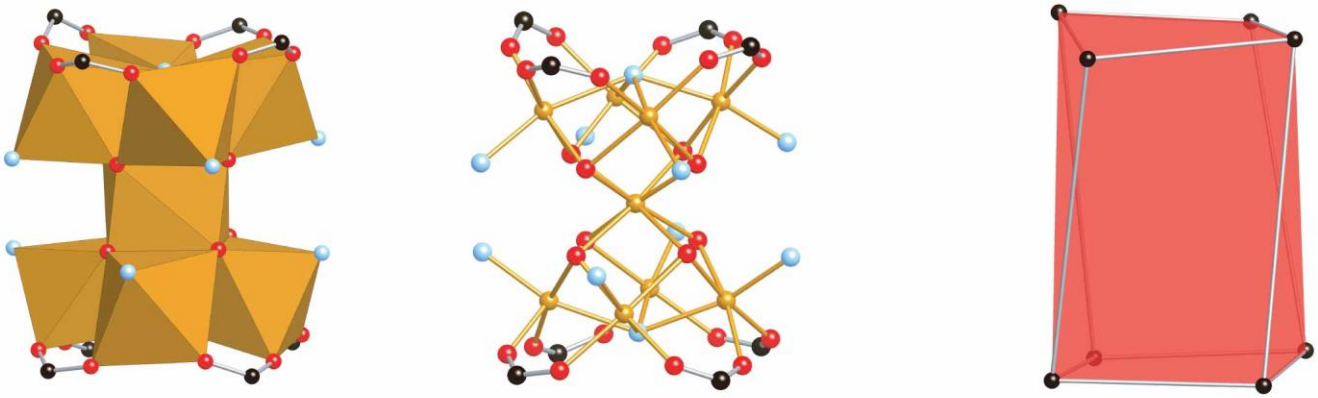
BEOACT A. Tulinsky et al *Acta Crystallogr.*, **1959**, 12, p 623



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

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

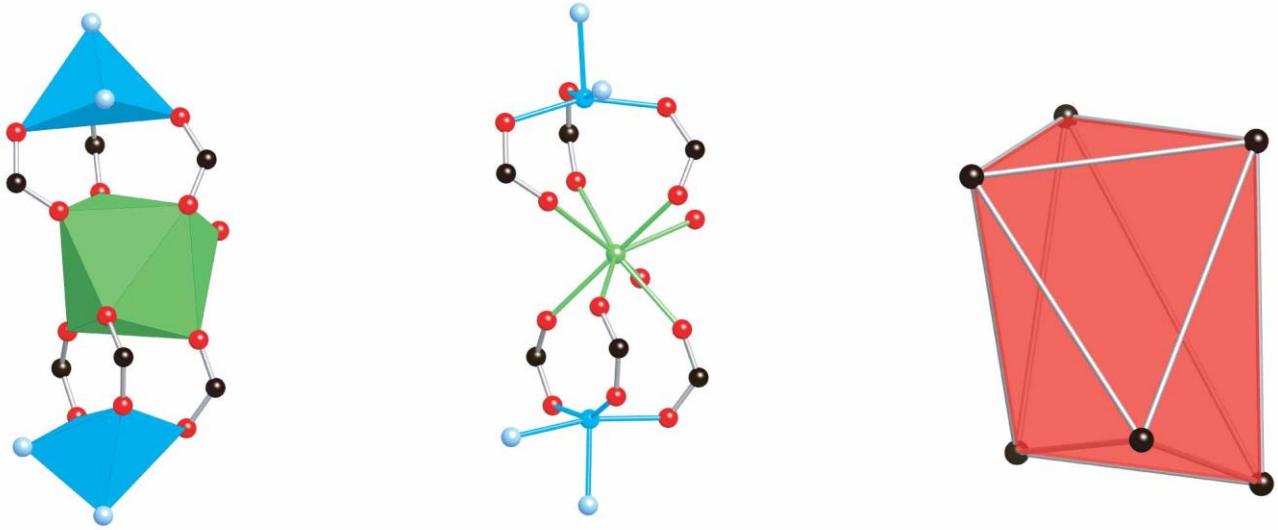
BEQXEB A. J. Tasiopoulos et al *Angew.Chem.,Int.Ed.*, **2004**, 43, p 2117



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

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

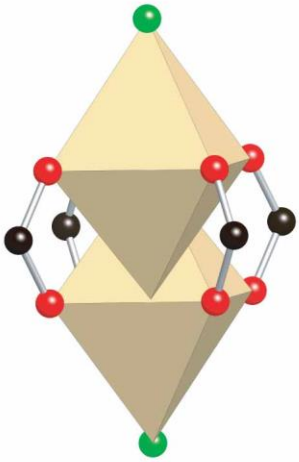
BEQYUS A. K. Boudalis et al *Angew.Chem.,Int.Ed.*, **2004**, 43, p 2266

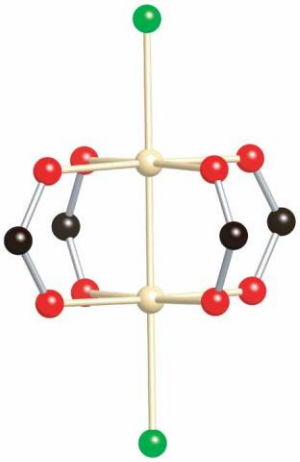


$LaZn_2(CO_2)_6(N_2)_2(O_2)$

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

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



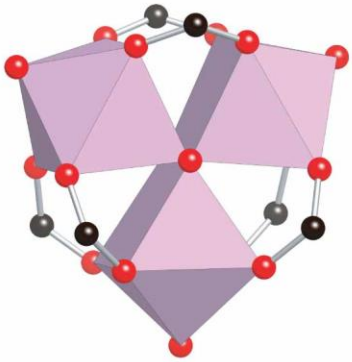


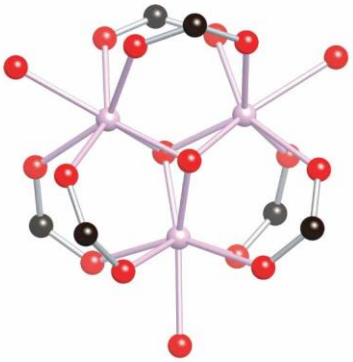


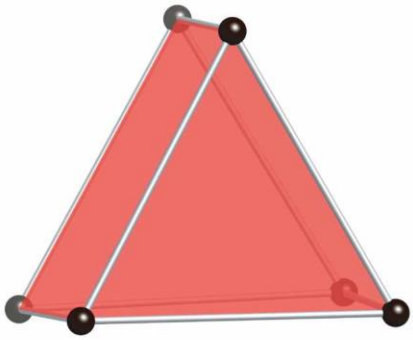
$Os_2(CO_2)_4(Cl)_2$

$Os_2(CH_3CH_2CH_2CO_2)_4(Cl)_2$

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



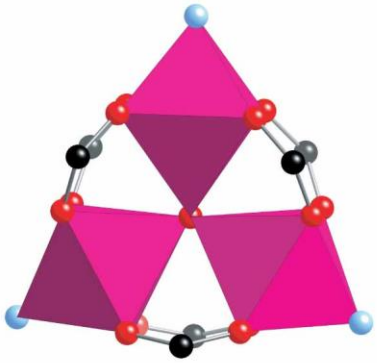


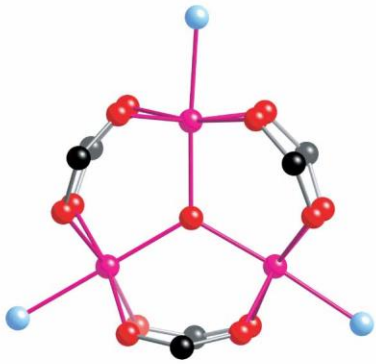


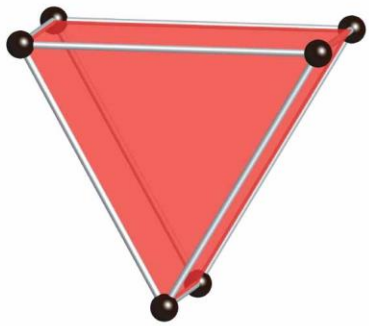
$Mo_3(CO_2)_6(O)_3(O)_2$

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

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



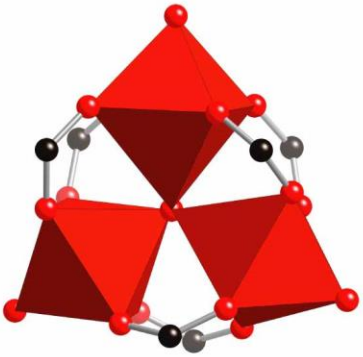
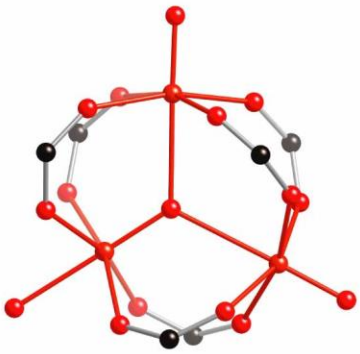




$Cr_3(CO_2)_6(N)_3(O)$

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

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

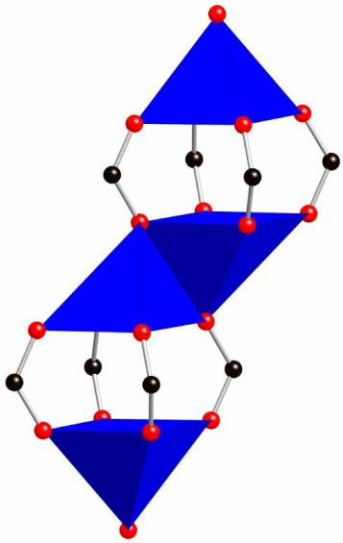
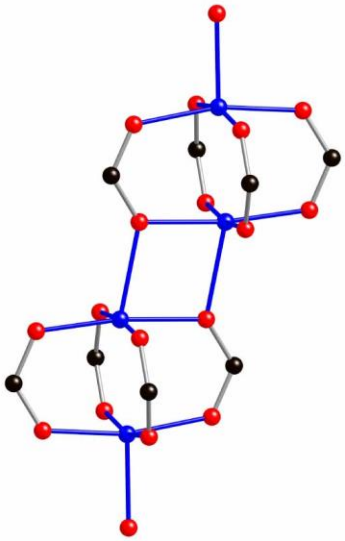
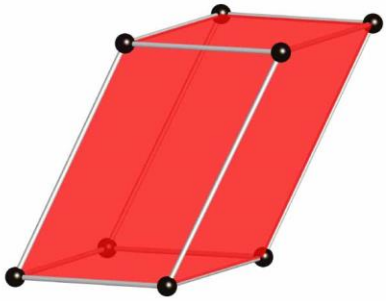




$V_3(CO_2)_6(O)_2(O)$

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

BIHSUG

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

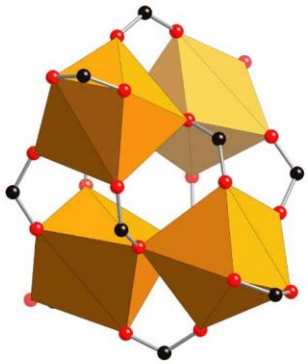
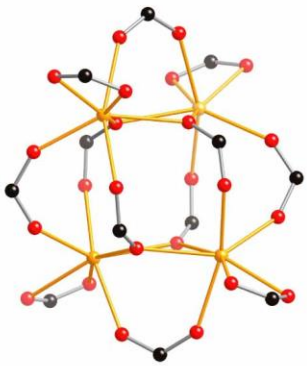
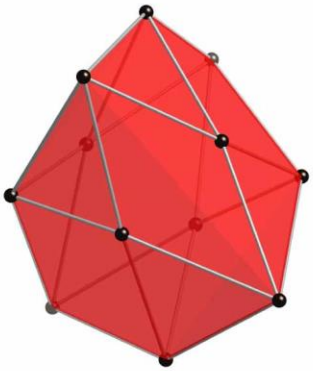




$Cu_4(CO_2)_8(O)_2$

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

BILRIY

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

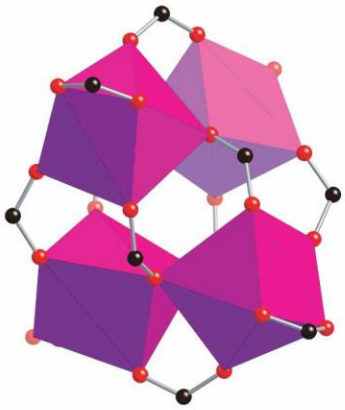
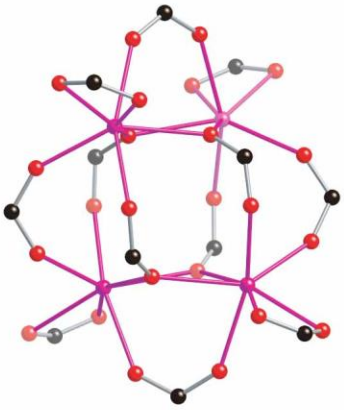
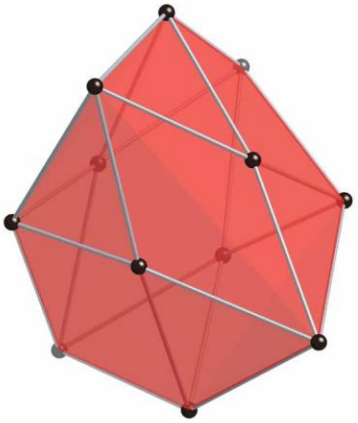




$Nd_4(CO_2)_{12}$

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

BIQGUD

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

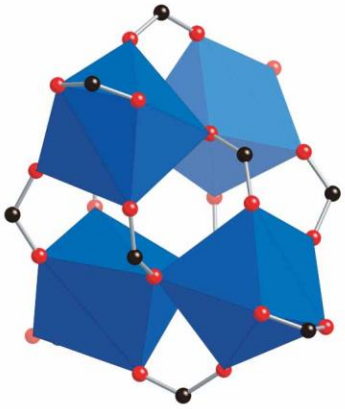
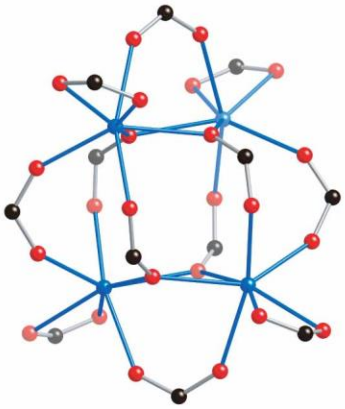
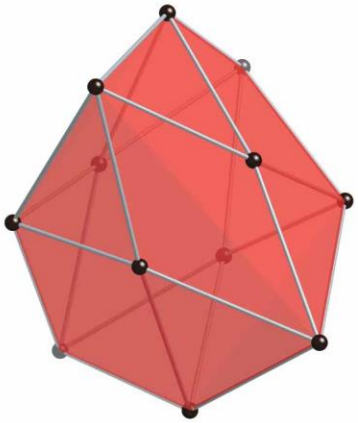




$Gd_4(CO_2)_{12}$

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

BIQHAK

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

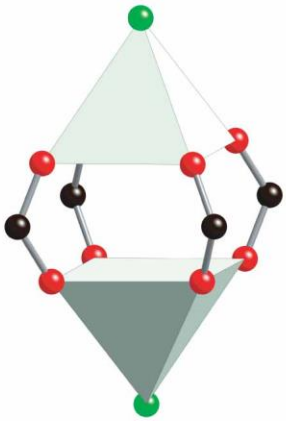
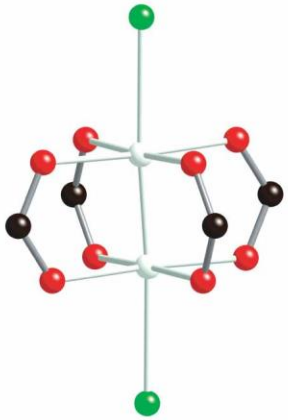




$Ho_4(CO_2)_{12}$

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

BIQHEO

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

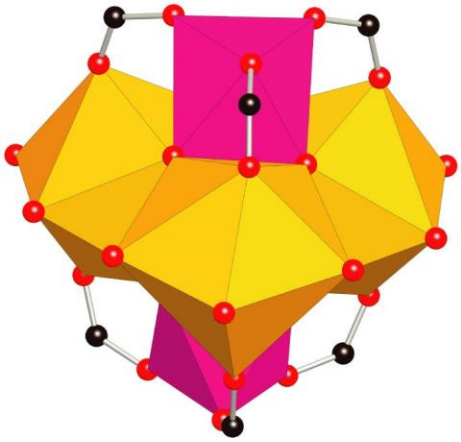
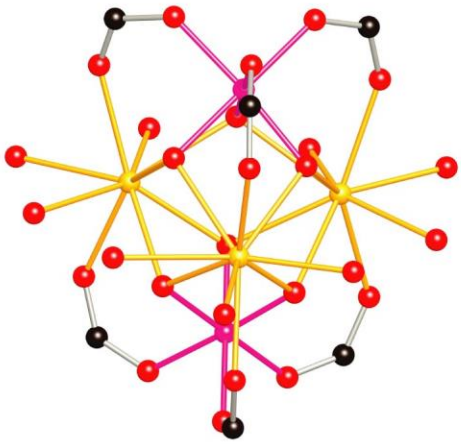
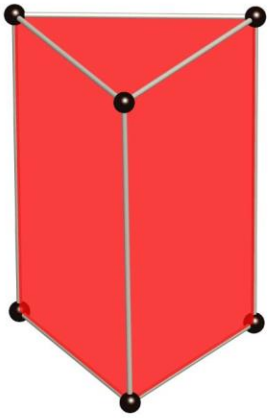




$Tc_4(CO_2)_4(Cl)$

$Tc_4(CH_3CO_2)_4(Cl)$

BITPID

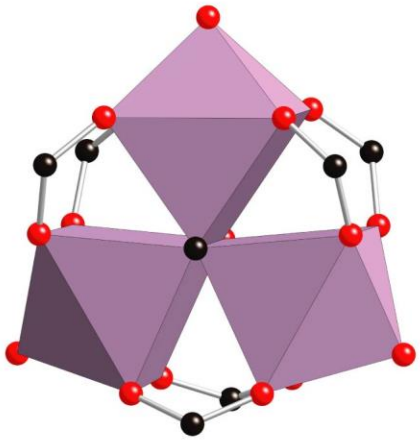
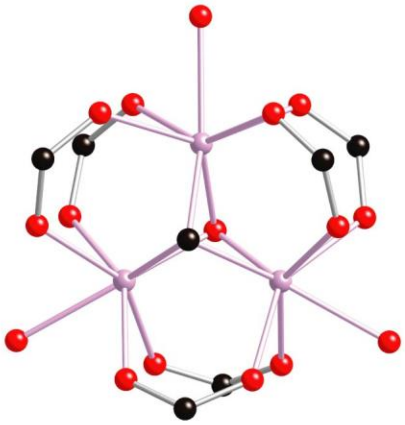
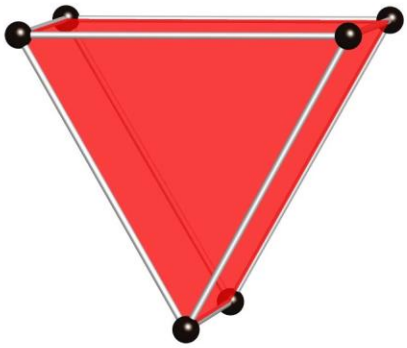
P. A. Kozmin et al *Koord. Khim. (Russ.)(Coord. Chem.)*, **1982**, 8, p 851

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

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

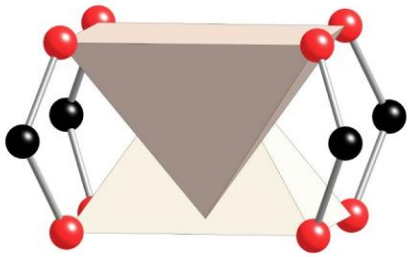
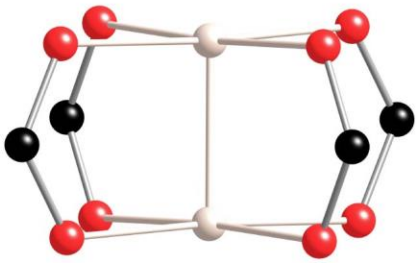
N. Sakagami et al *Chem. Lett.*, **1997**, p 575

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

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

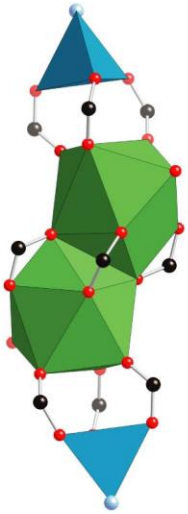
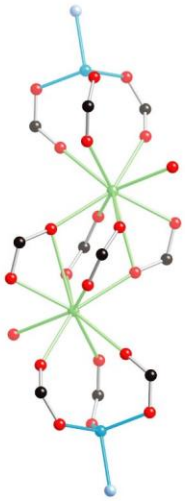
A. Bino et al *Inorg. Chem.*, **1982**, 21, p 3750


$Ru_2(CO_2)_4$

$Ru_2[CH_3(CH_2)_2CO_2]_4$

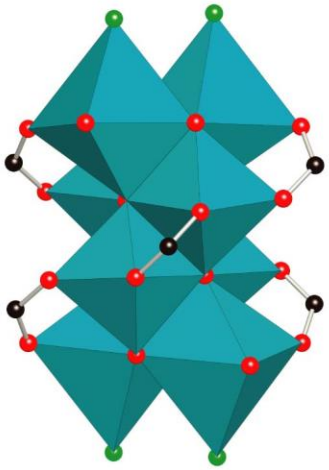
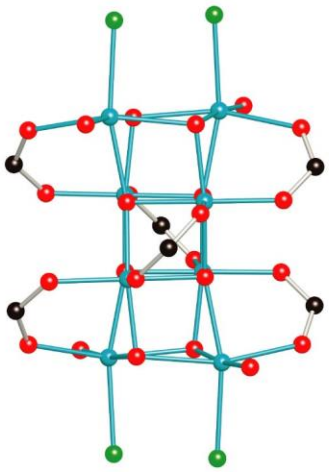
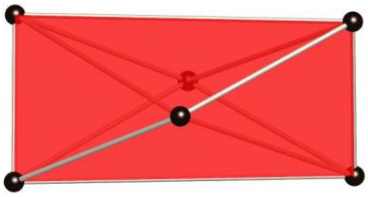
V. M. Miskowski et al *Inorg. Chem.*, **1987**, 26, p 1098


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

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

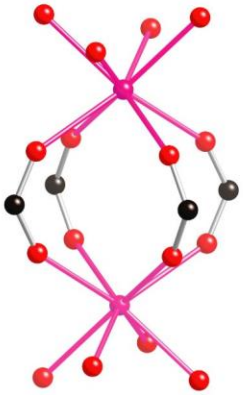
Fa-Kun Zheng et al *Jiegou Huaxue (Chin.) (Chinese J. Struct. Chem.)*, **2001**, 20, p 391

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

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

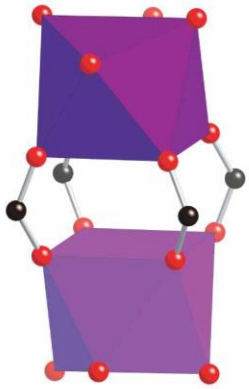
J. K. Beattie et al *Polyhedron*, **1997**, 16, p 2109

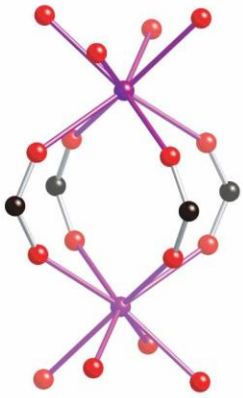




$Eu_2(CO_2)_4(O)_4(O)_4$

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

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





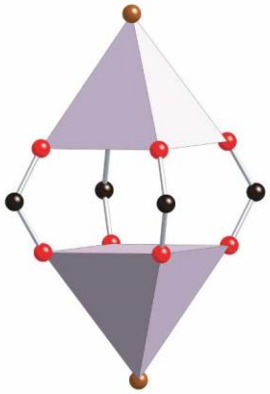


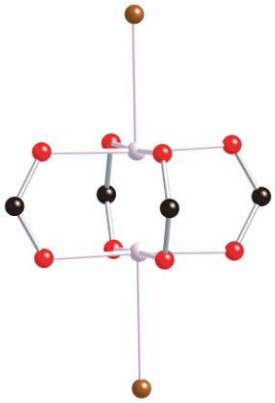
$Tb_2(CO_2)_4(O)_4(O)_4$

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

CAQLAH

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





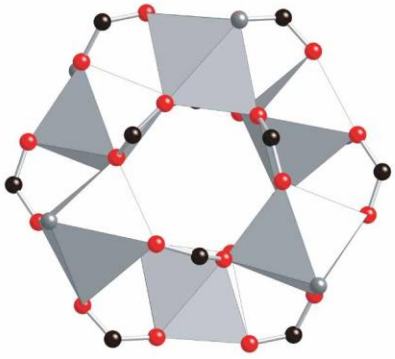


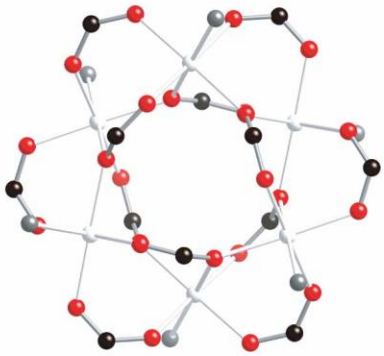
$Tc_2(CO_2)_4(Br)_2$

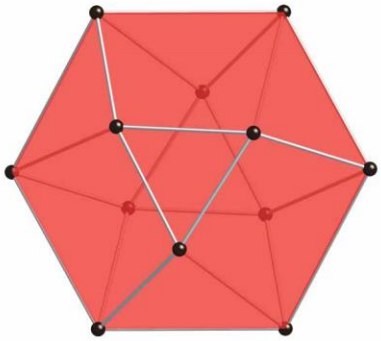
$Tc_2(CH_3CO_2)_4(Br)_2$

CAWBAD

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





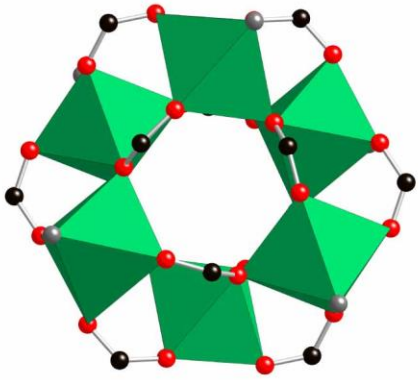
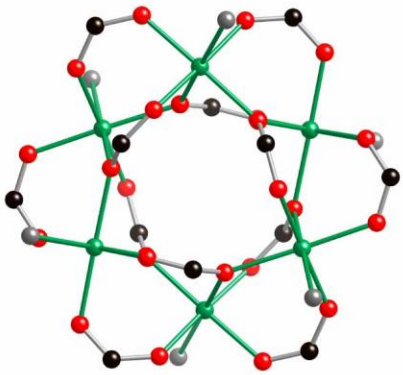
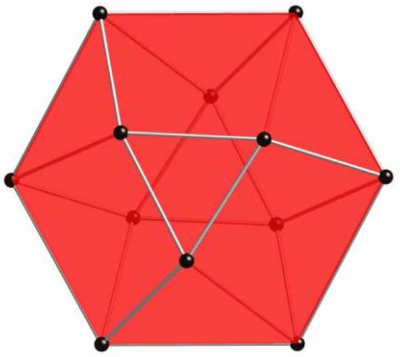


$Ni_6(CO_2)_6(CO_2)_6(P)_6$

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

CAWJEP

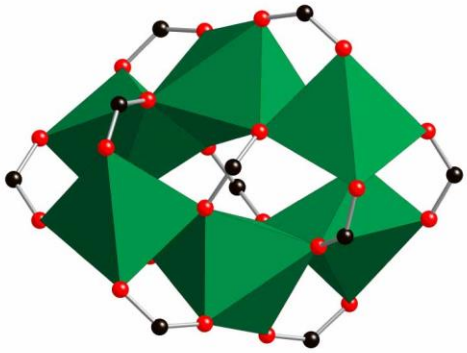
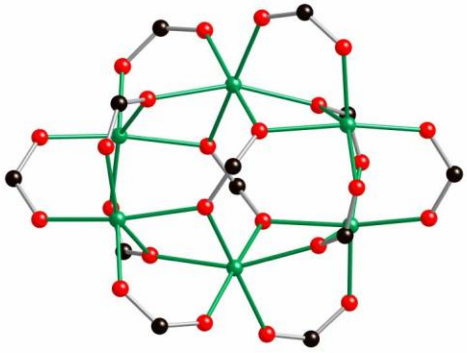
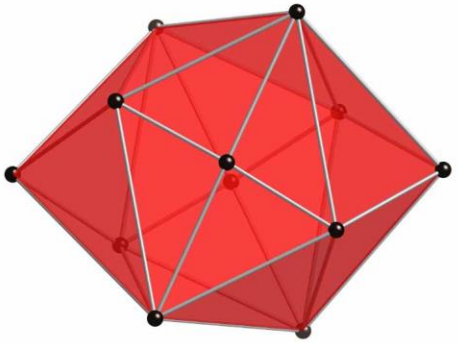
G. E. Lewis, C. S. Kraihanzel *Inorg. Chem.*, **1983**, 22, p 2895

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

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

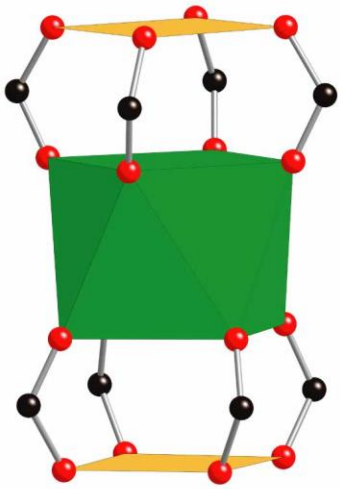
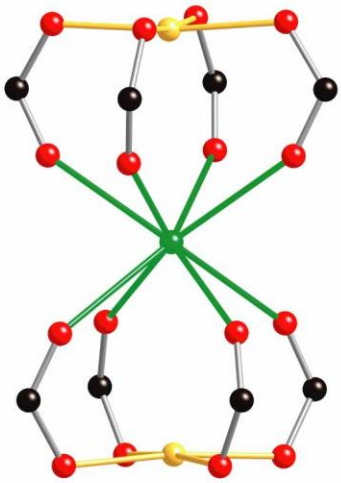
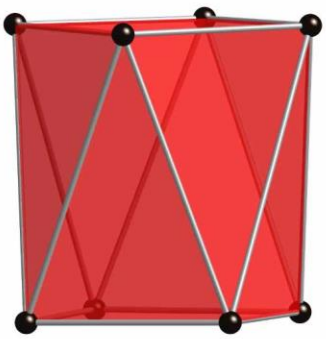
CAWJIT G. E. Lewis, C. S. Kraihanzel *Inorg. Chem.*, **1983**, 22, p 2895

$Co_6(CO_2)_{12}$

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

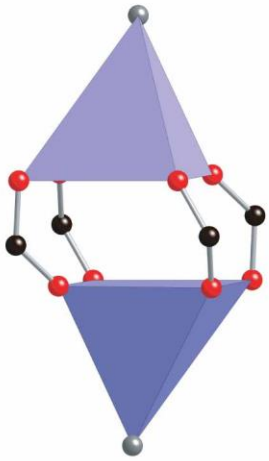
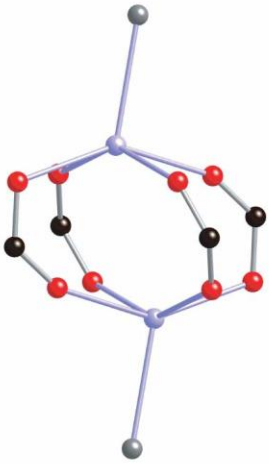
CETXUU D. B. Dell'Amico et al *J.Chem.Soc.,Dalton Trans.*, **1984**, p 647

$Au_2Sr(CO_2)_8$

$Au_2Sr(CH_3CO_2)_8$

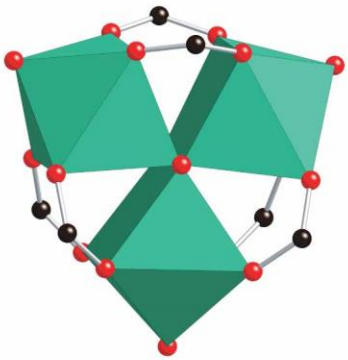
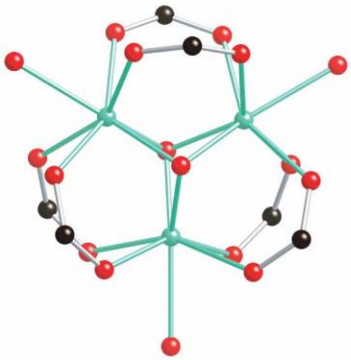
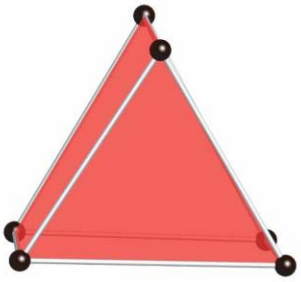
CEZJUM P. G. Jones *Acta Crystallogr.,Sect.C*, **1984**, 40, p 804


$Cd_2(CO_2)_4(P)_2$

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

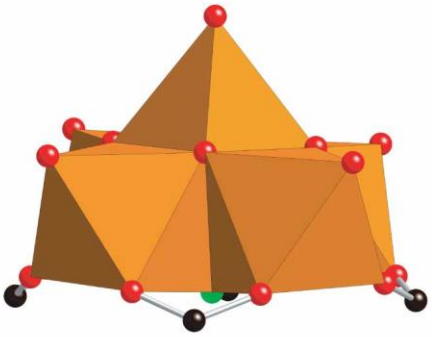
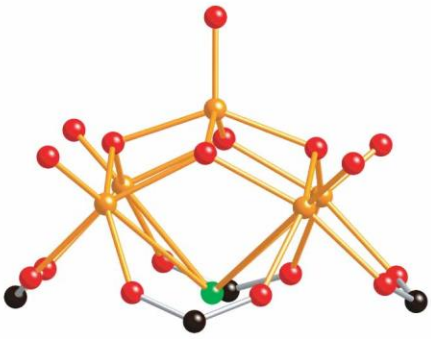
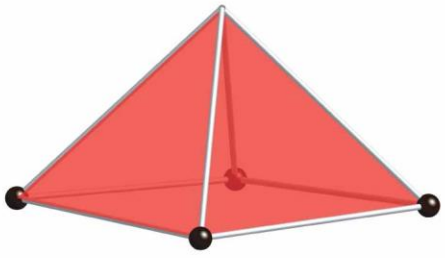
CIFGON T. Allman et al *Inorg. Chem.*, **1984**, 23, p 914

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

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

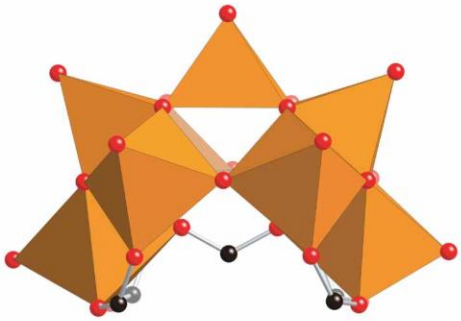
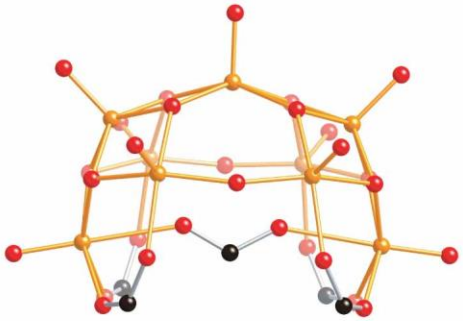
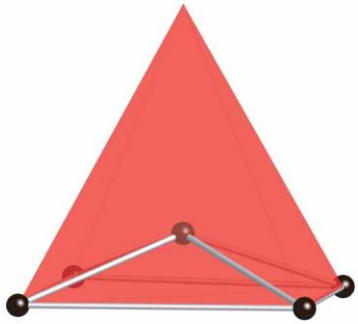
CIPNEU F. A. Cotton et al *J. Am. Chem. Soc.*, **1984**, 106, p 3527

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

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

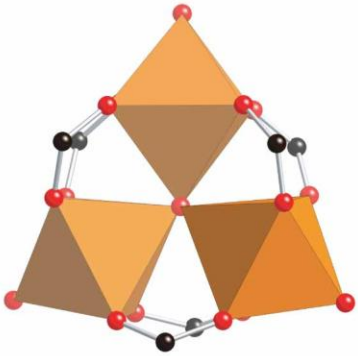
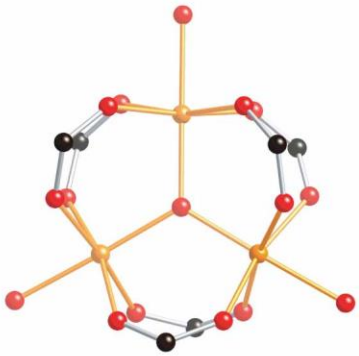
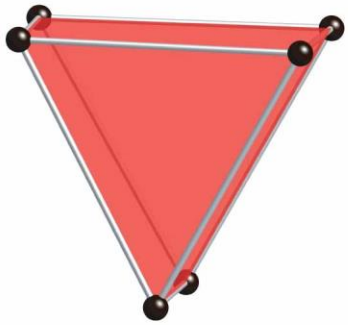
CIQYAC G. B. Karet et al *Chem. Commun.*, **1999**, p 2249

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

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

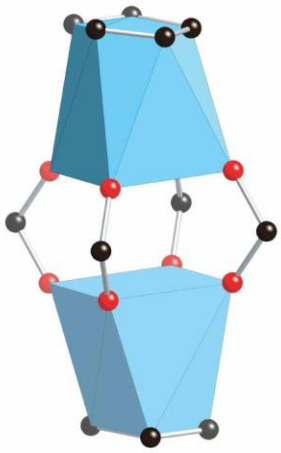
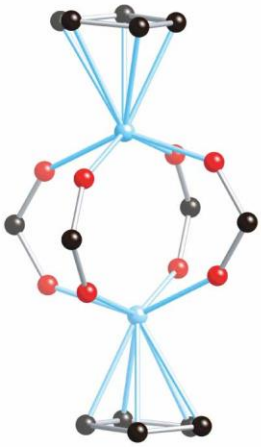
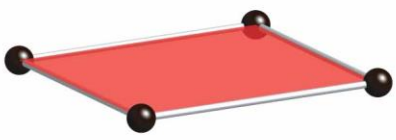
CIQYEG G. B. Karet et al *Chem. Commun.*, **1999**, p 2249

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

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

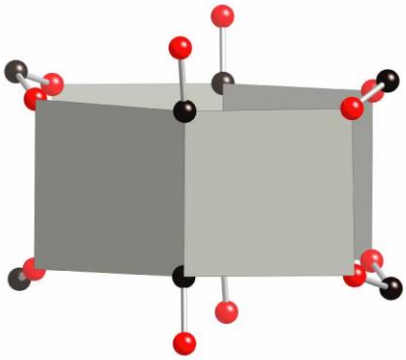
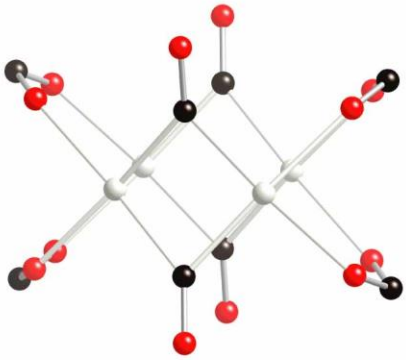
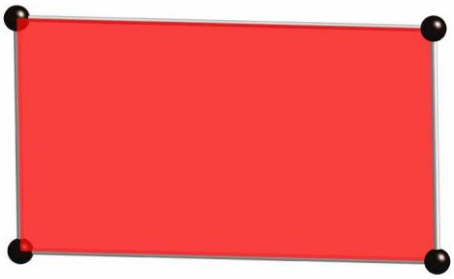
CLACTV T. Glowiak et al *Bull. Acad. Pol. Sci.*, **1977**, 25, p 359

$Ti_2(CO_2)_4(C_5)_2$

$Ti_2(C_6H_5CO_2)_4(C_5H_5)_2$

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

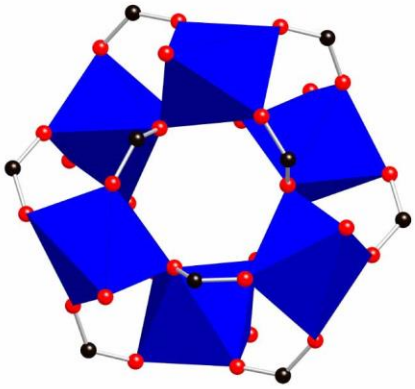
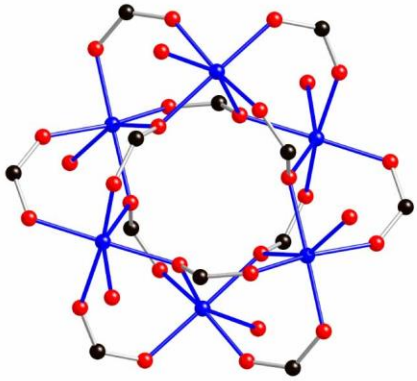
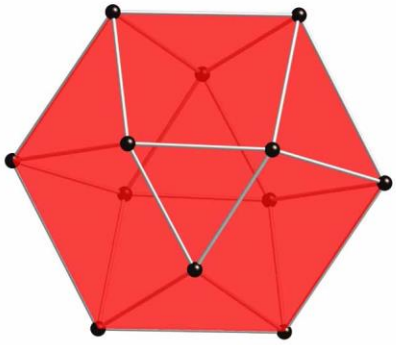




COPDAC10

$Pd_4(CO_2)_4(CO)_4$

$Pd_4(CH_3CO_2)_4(CO)_4$

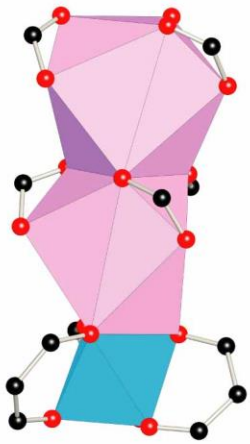
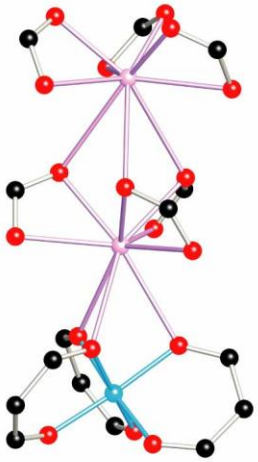
L. G. Kuzmina, Yu. T. Struchkov *Koord.Khim.(Russ.)(Coord.Chem.)*, **1979**, 5, p 1558

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

$Cu_6(C_6H_5OCH_2CO_2)_6(C_6H_5OCH_2CO_2)_6$

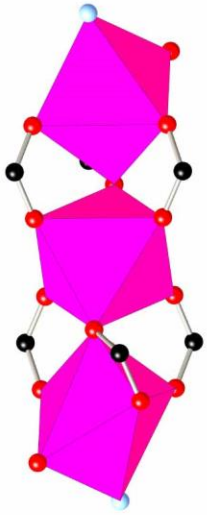
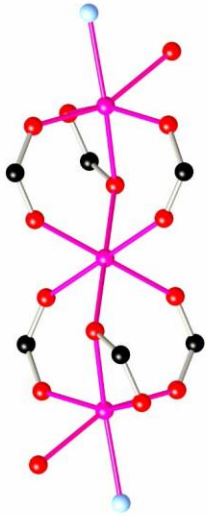
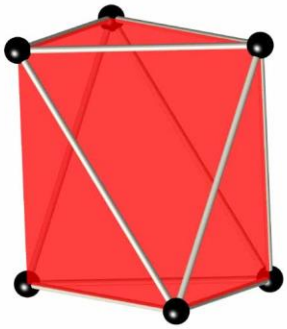
CUPXAC J. R. Carruthers et al *Acta Crystallogr., Sect.B*, **1975**, 31, p 2044


$Bi_2Al(CO_2)_6(C_3O_2)_3$

$Bi_2Al(C_6H_4OHCO_2)_6(C_3O_2)_3$

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

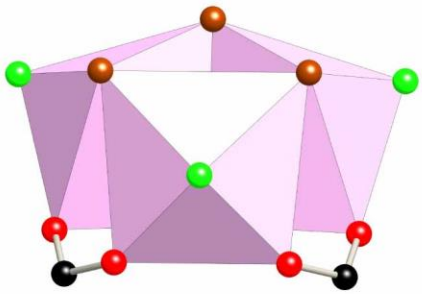
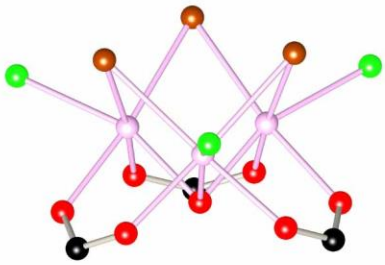
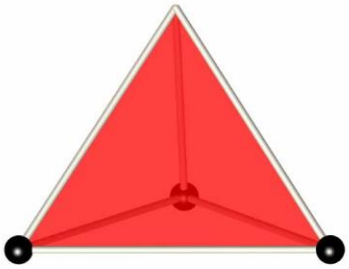




$Mn_3(CO_2)_6N_2O_2$

$Mn_3(C_6H_5CO_2)_6(C_5H_4NC_6H_5CO)_2$

DACTOR

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

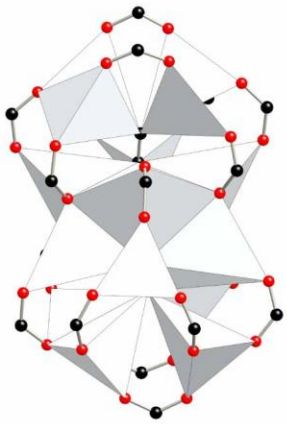
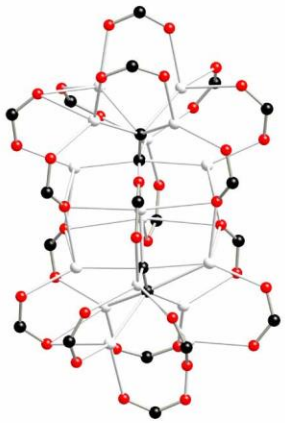
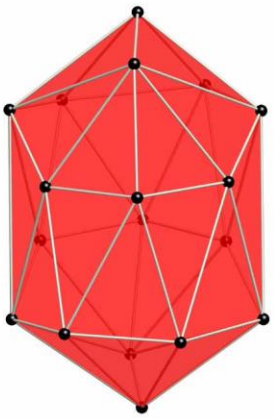




$Mo_3(CO_2)_3Br_3Cl_3$

$Mo_3(CO_2)_3Br_3Cl_3$

DADCIU

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

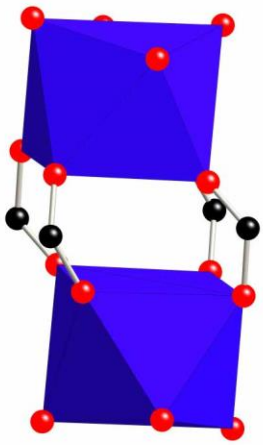
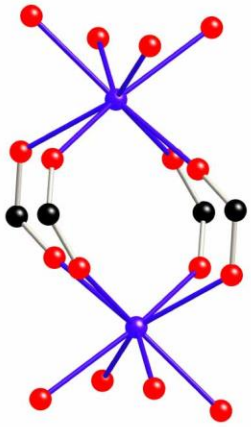




$Ag_{16}(CO_2)_{18}(C_2)_2$

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

DAPZEA

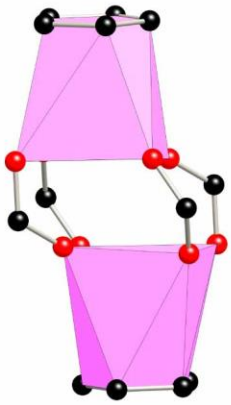
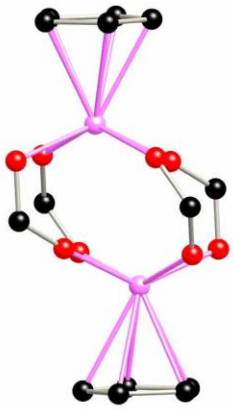
Xiao-Li Zhao and T.C. Mak *Polyhedron*, **2005**, 24, p 940


$Dy_2(CO_2)_4O_2$

$Dy_2(CF_3CO_2)_4(CF_3COO)_2$

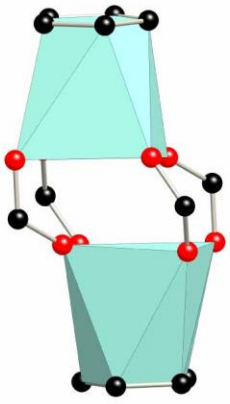
DASFOS G. V. Romanenko et al *Zh. Strukt. Khim. (Russ.) J. Struct. Chem.*, **1999**, 40, p 387


$Sc_2(CO_2)_4(C_5)_2$

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

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

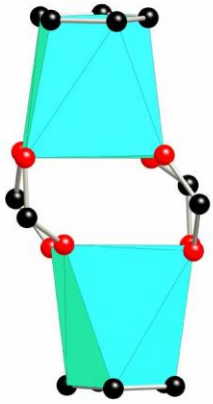
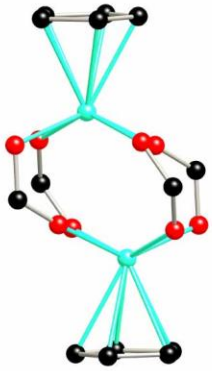




$Y_2(CO_2)_4(C_5)_2$

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

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

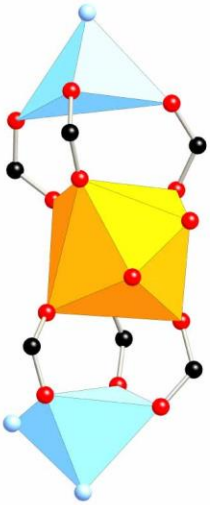
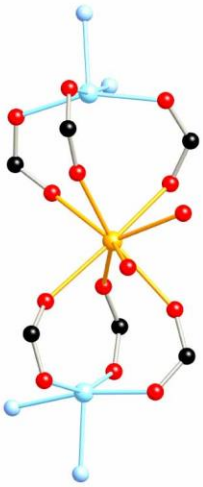
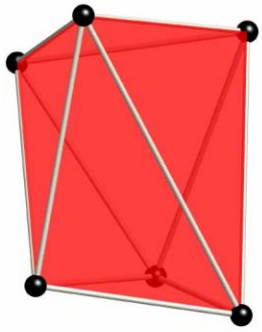




$Lu_2(CO_2)_4(C_5)_2$

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

DASHEL

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

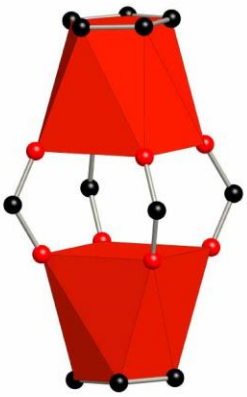
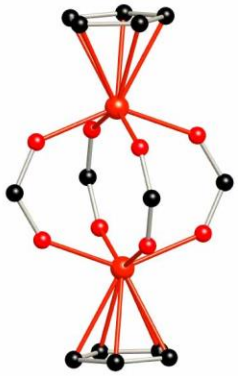




$Zn_2Nd(CO_2)_6(N_2)_2$

$Zn_2Nd(CH_3CH_2CCO_2)_6(C_5H_4NC_5H_4N)_2$

DATLUG

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

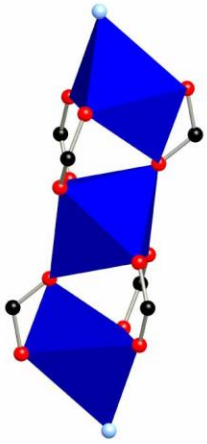
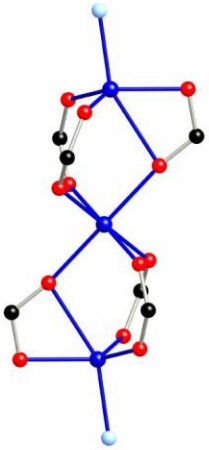
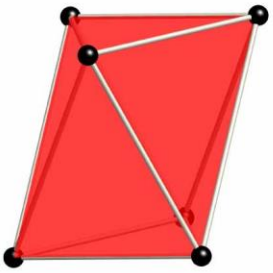




$V_2(CO_2)_4(C_5)_2$

$V_2(C_6H_5CO_2)_4(C_5H_5)_2$

DAVNET

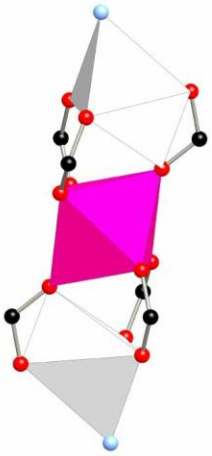
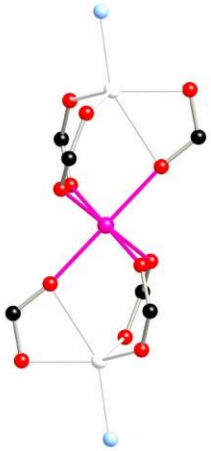
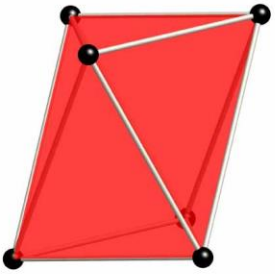
F. A. Cotton et al *Organometallics*, **1985**, 4, p 1174

$Co_3(CO_2)_6(N)_2$

$Co_3(C_6H_5CO_2)_6(C_5H_5N)_2$

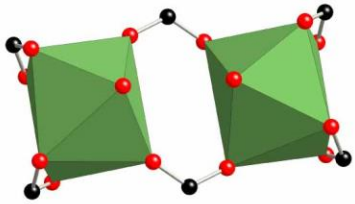
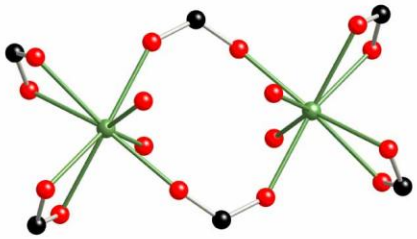
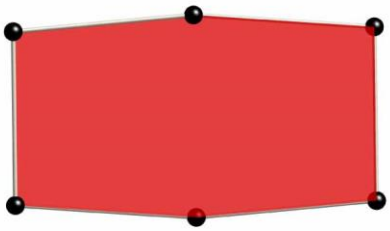
DAVYAB K. S. Gavrilenko et al *J. Am. Chem. Soc.*, **2005**, 127, p 12246

$Ni_2Mn(CO_2)_6(N_2)_2$

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

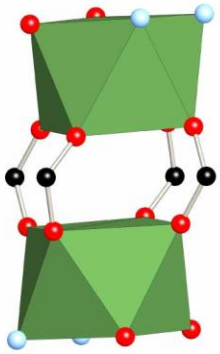
DAVYIJ K. S. Gavrilenko et al *J. Am. Chem. Soc.*, **2005**, 127, p 12246

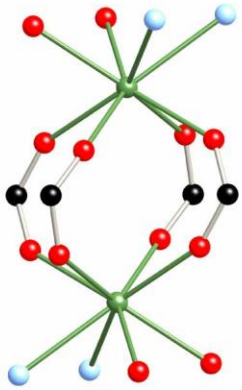




$Er_2(CO_2)_6(O)_4$

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

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





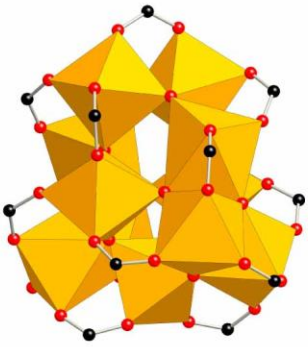


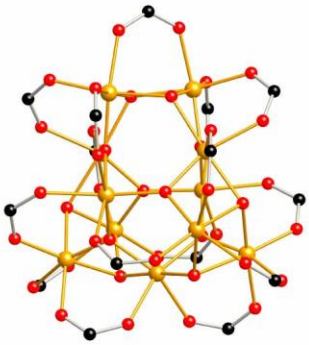
$Er_2(CO_2)_4(O)_2(O)_2(N_2)_2$

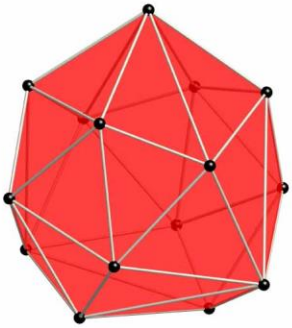
$Er_2(p\text{-}CH_3C_6H_4SO_2NHCH_2CO_2)_4(H_2O)_2(p\text{-}CH_3C_6H_4SO_2NHCH_2COO)_2(C_5H_4NC_5H_4N)_2$

DEFSOX

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





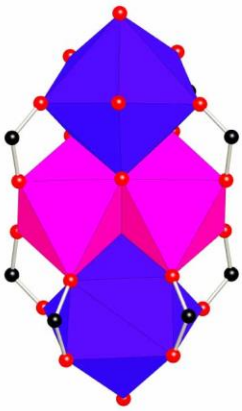


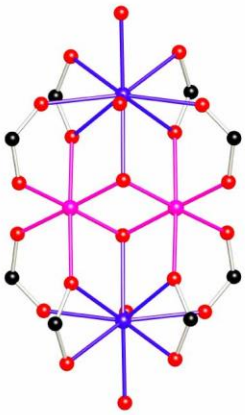
$Fe_{11}(CO_2)_{15}(O)_6(O)_6$

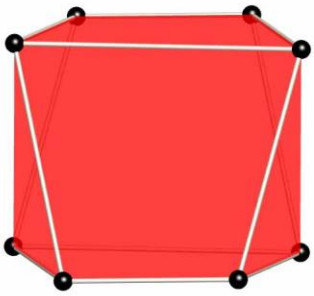
$Fe_{11}(C_6H_5CO_2)_{15}(HO)_6(O)_6$

DIDXET10

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





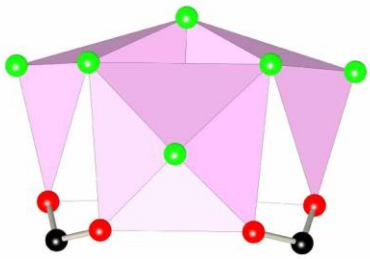
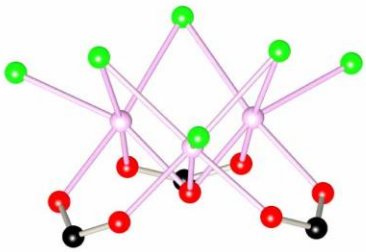
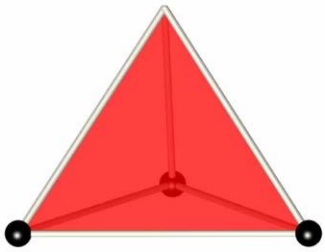


$Mn_2Dy_2(CO_2)_8(O)_2(O)_2(O)_2$

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

DIMVOK

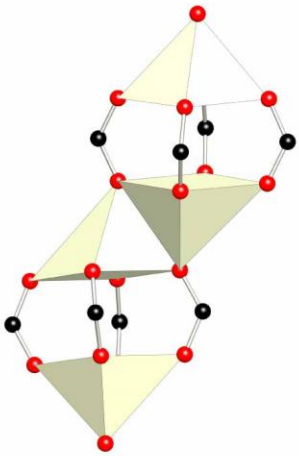
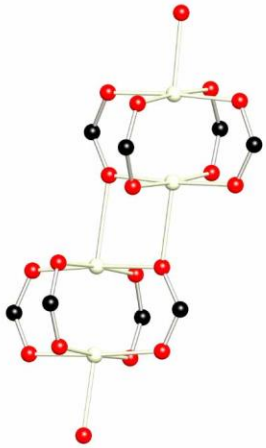
C. Benelli et al *J. Chem. Soc., Dalton Trans.*, **1999**, p 4125

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

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

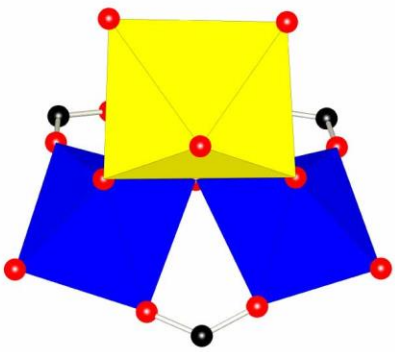
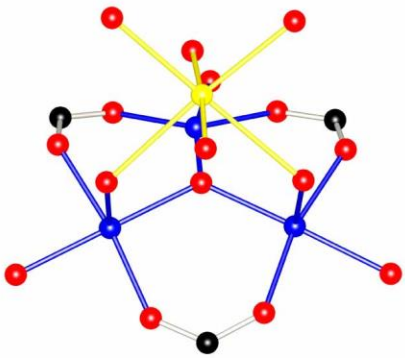
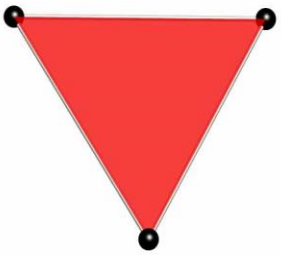
DONHOD Lin Xianti et al *Huaxue Xuebao(Chin.)(Acta Chim. Sinica)*, **1985**, 43, p 718


$Rh_4(CO_2)_8(O)_2$

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

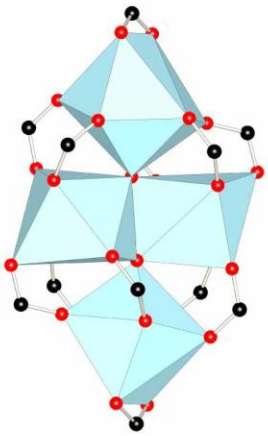
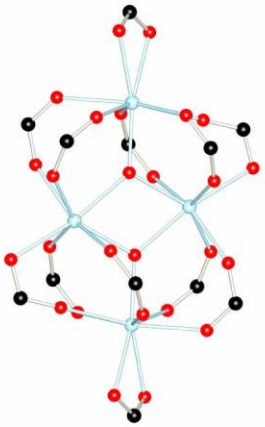
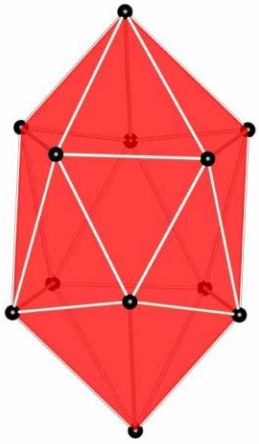
EBADIV E. V. Dikarev et al *Inorg. Chem.*, **2004**, 43, p 3219

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

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

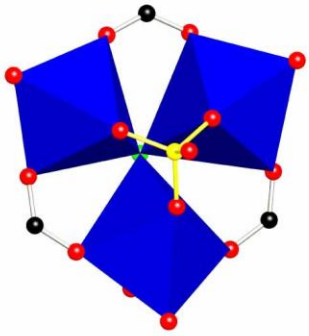
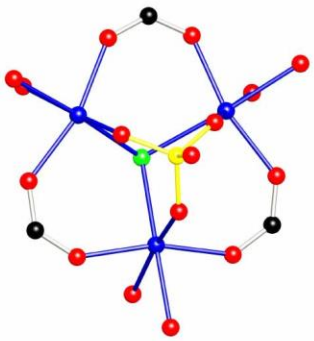
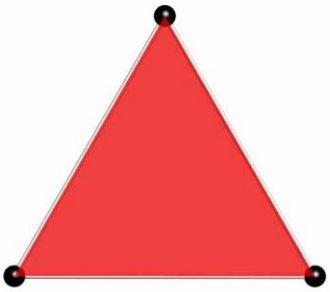
EBUMUK Deping Cheng et al *Cryst. Growth Des.*, **2004**, 4, p 599

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

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

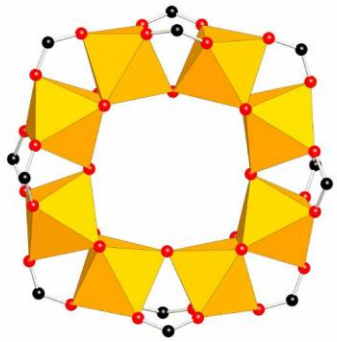
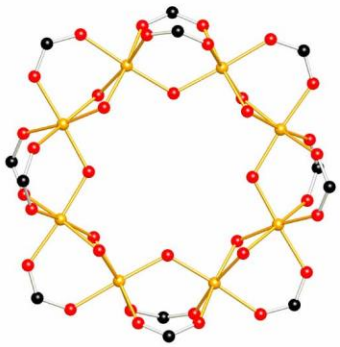
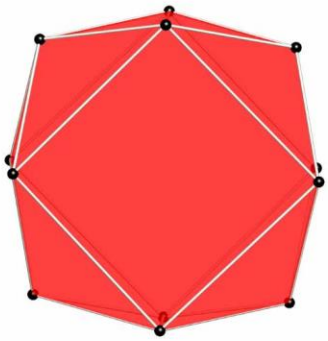
ECBOXU F. Calderazzo et al *Inorg. Chem.*, **1978**, 17, p 474

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

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

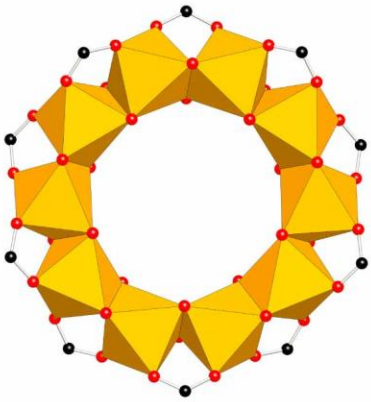
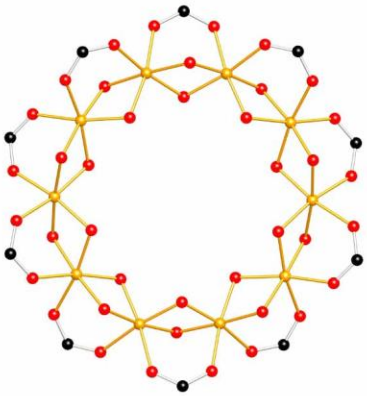
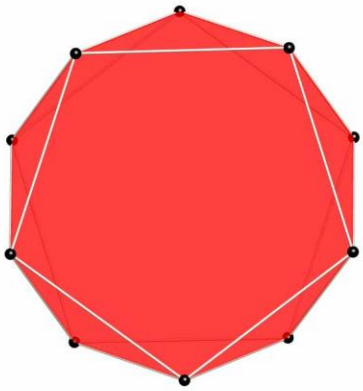
EFASCO02 J. Estienne *Acta Crystallogr., Sect. C*, **1985**, 41, p 338

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

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

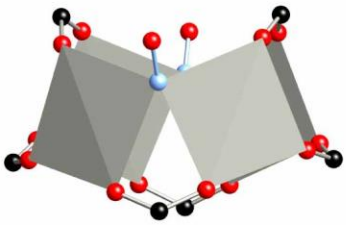
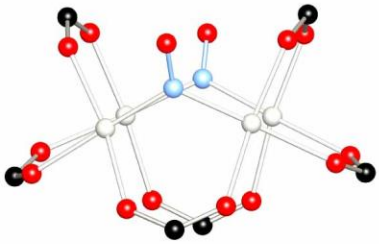
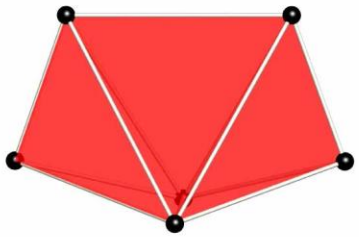
EHOQEX C. Canada-Vilalta et al *Chem. Commun.*, **2003**, p 1240

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

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

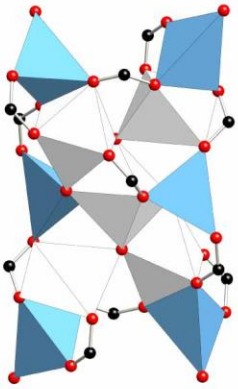
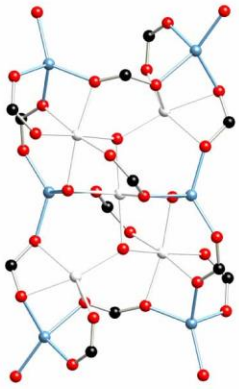
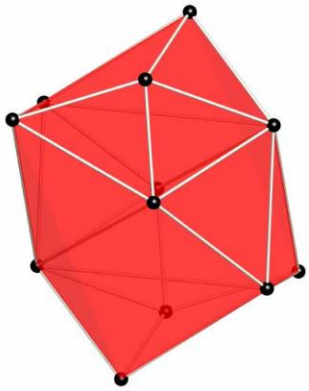
EHOQIB C. Canada-Vilalta et al *Chem. Commun.*, **2003**, p 1240

$Pd_4(CO_2)_6(NO)_2$

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

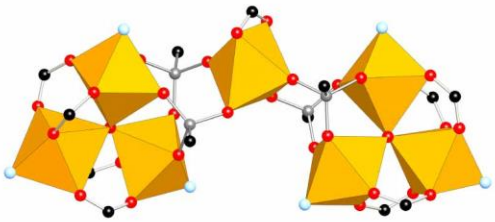
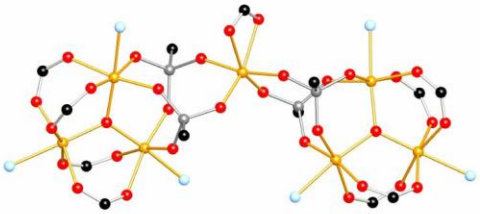
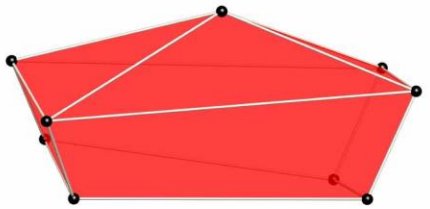
EJORIE T. A. Stromnova et al *Inorg. Chim. Acta*, **2003**, 350, p 283

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

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

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

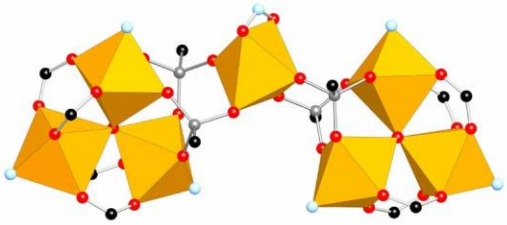
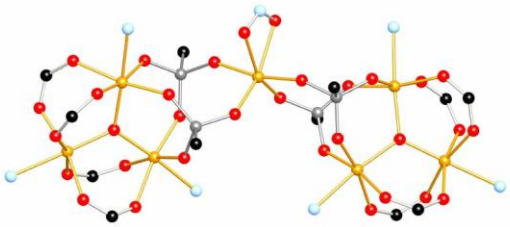




$Fe_7(CO_2)_9(O)_2(CPO_3)_4(N)_6$

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

EKURUX

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

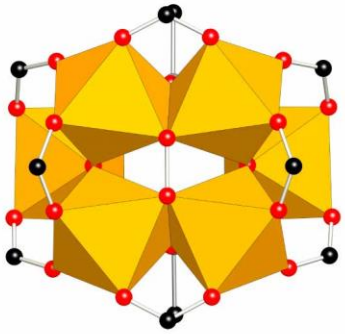
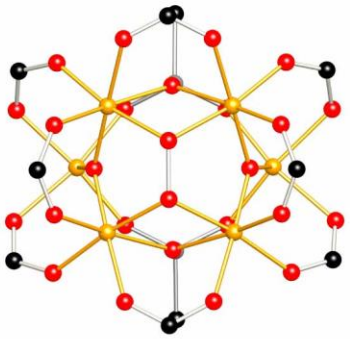
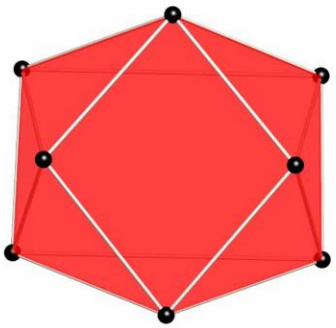




$Fe_7(CO_2)_8(NO_2)(O)_2(CPO_3)_4(N)_6$

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

EKUSEI

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

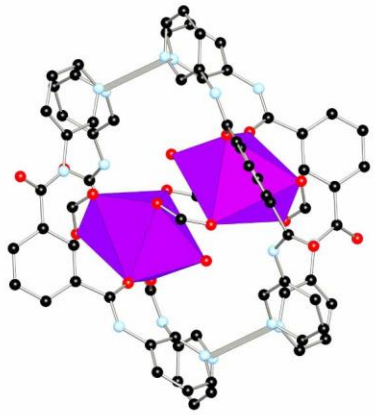
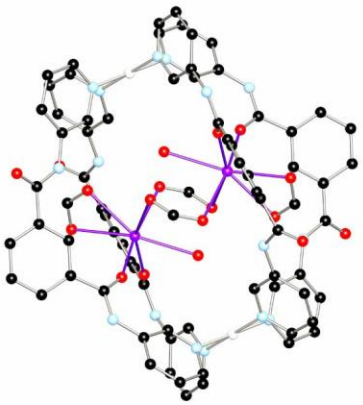




$Fe_6(CO_2)_8(O_2)(O)_2(O)_2(CPO_3)_2$

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

EKUSOS

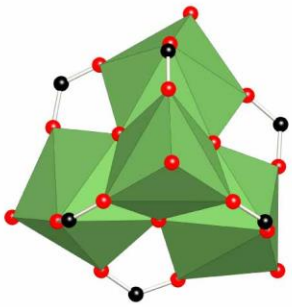
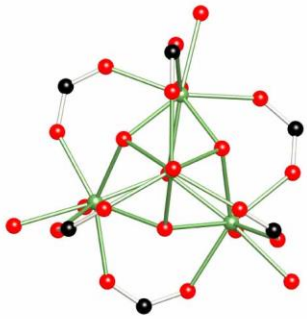
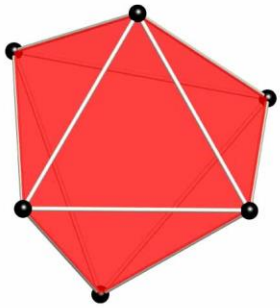
E. I. Tolis et al *Angew. Chem., Int. Ed.*, **2003**, 42, p 3804


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

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

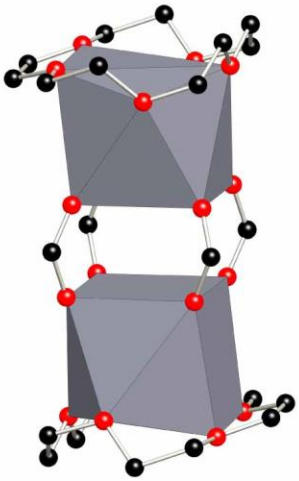
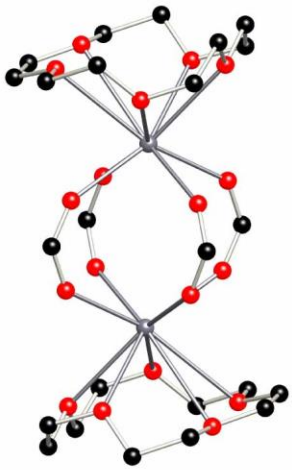
ELEQIV N. Yue et al *Inorg. Chem. Commun.*, **2003**, 6, p 1269

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

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

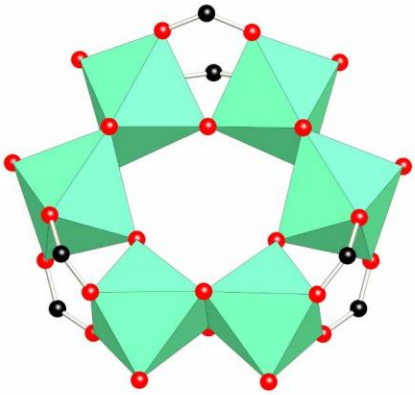
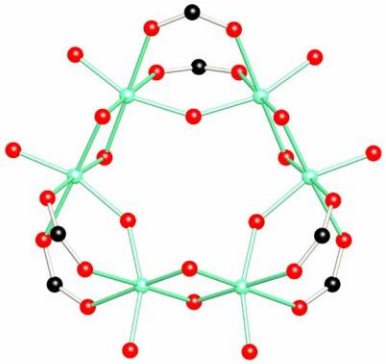
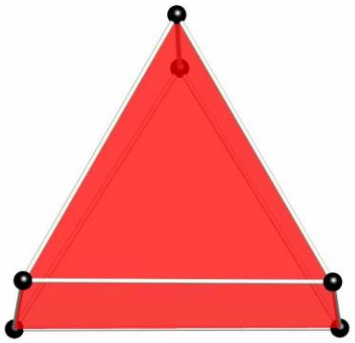
ELIMAN Sheng-Min Hu et al *Jiegou Huaxue(Chin.)(Chinese J. Struct. Chem.)*, **2003**, 22, p 309


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

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

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

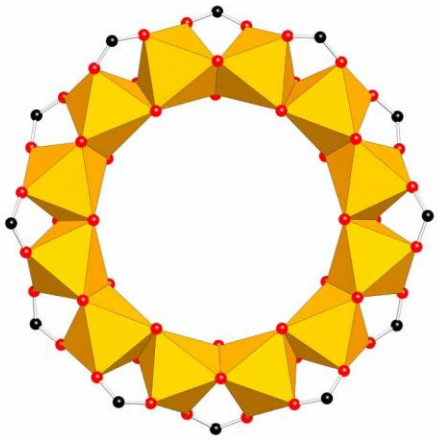
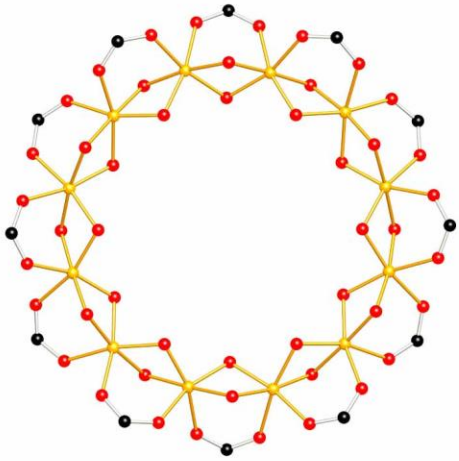
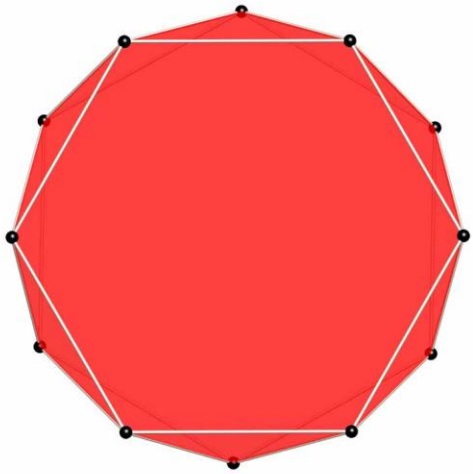




$Nb_6(CO_2)_6(O)_6(O)_6(O)_3$

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

ERIJIY

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

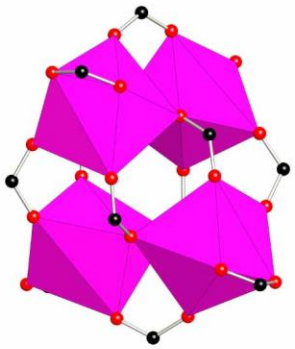
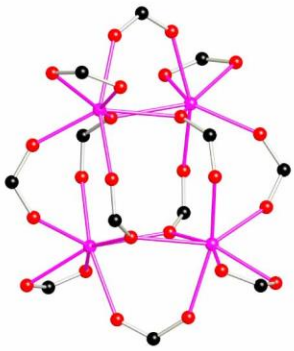
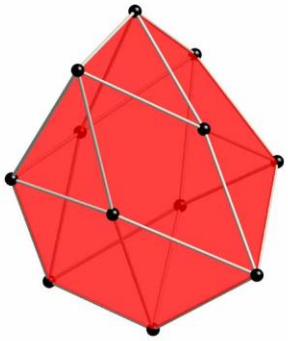




$Fe_{12}(CO_2)_{12}(O)_{24}$

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

ESAMOA

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

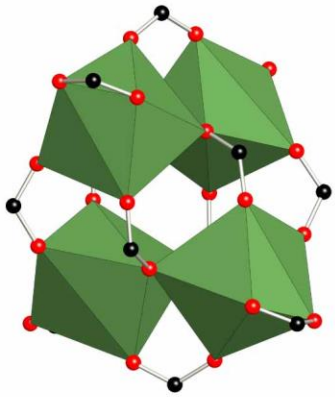
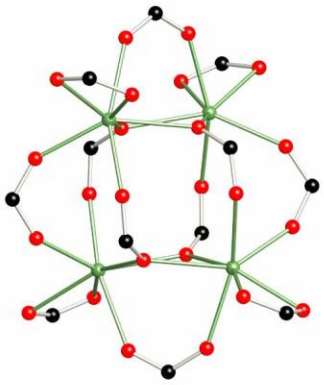
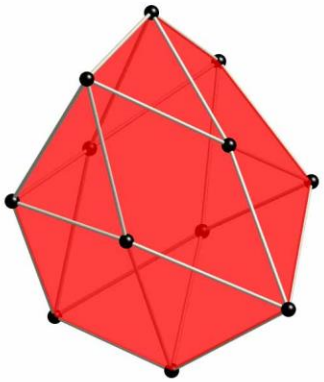




$Eu_4(CO_2)_{12}$

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

EWUWUO

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

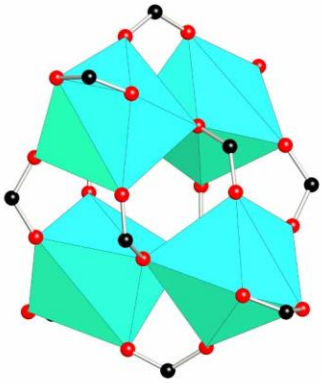
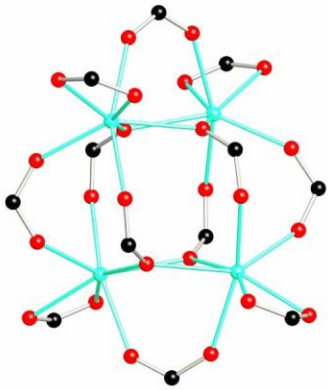
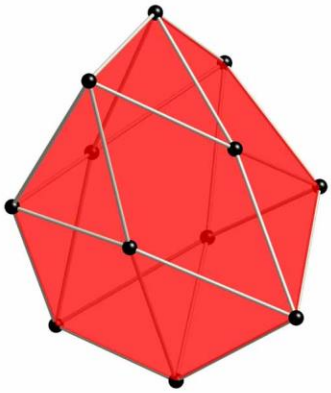




$Er_4(CO_2)_{12}$

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

EWUXAV

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

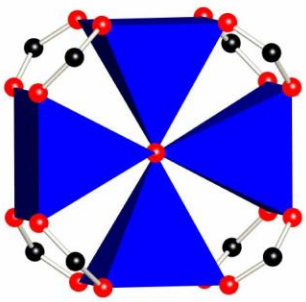
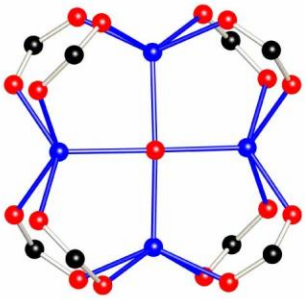
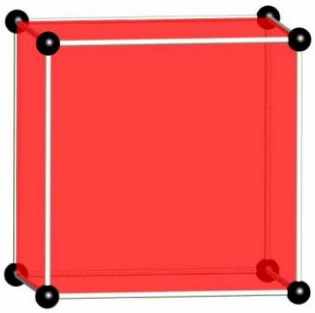




$Lu_4(CO_2)_{12}$

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

EWUXID

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

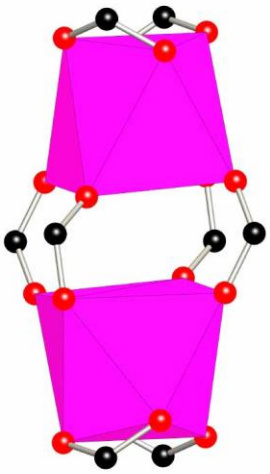
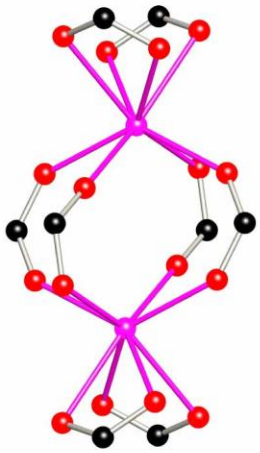
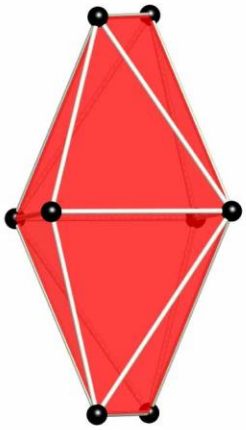




$Cu_4(CO_2)_8(O)$

$Cu_4(OCO_2)_8(HO)$

EXEHIY

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

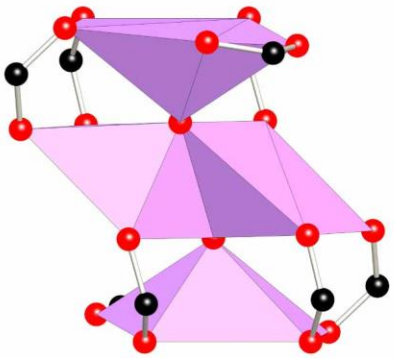
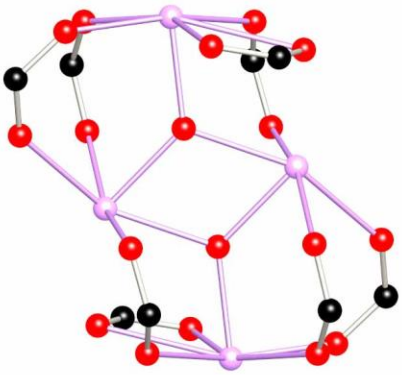




$Eu_2(CO_2)_8$

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

EXUXEA

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

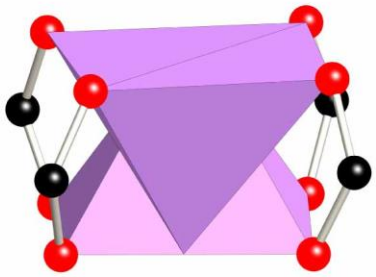
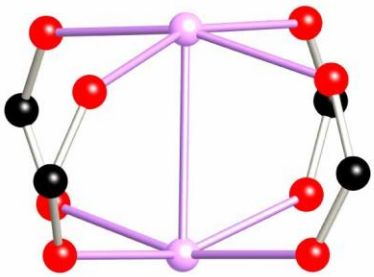




$Bi_4(CO_2)_8(O)_2$

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

EYOSEQ

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

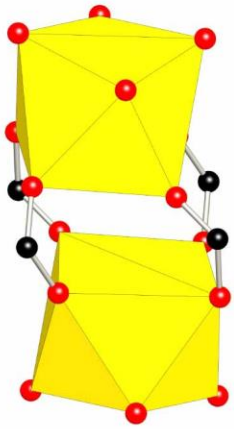
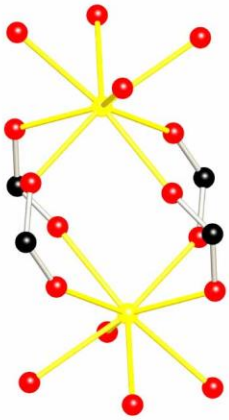




$Bi_2(CO_2)_4$

$Bi_2(CF_3CO_2)_4$

EZOHUW

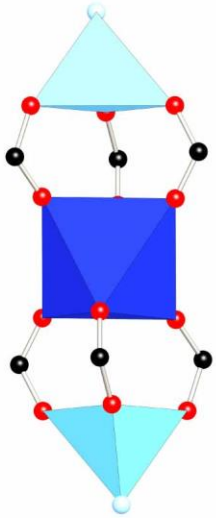
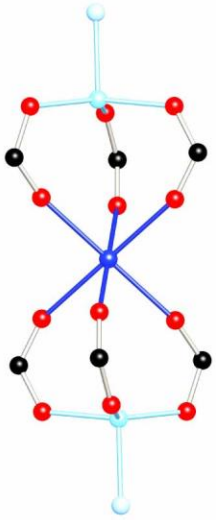
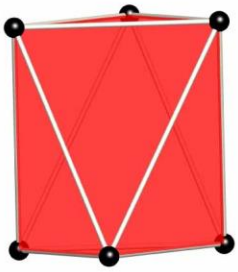
E. V. Dikarev and Bo Li *Inorg. Chem.*, **2004**, 43, p 3461


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

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

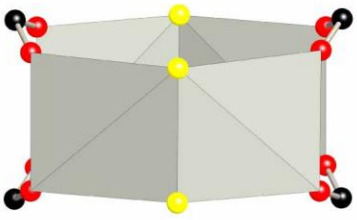
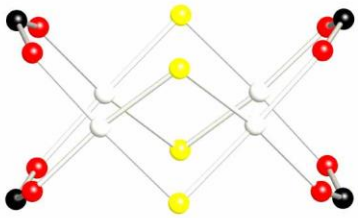
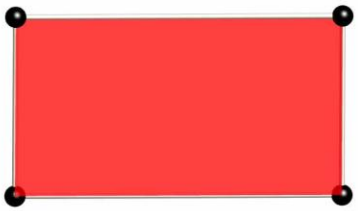
FACAPR S. P. Bone et al *J. Chem. Soc., Dalton Trans.*, **1978**, p 1544

$CaZn_2(CO_2)_6(N)_2$

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

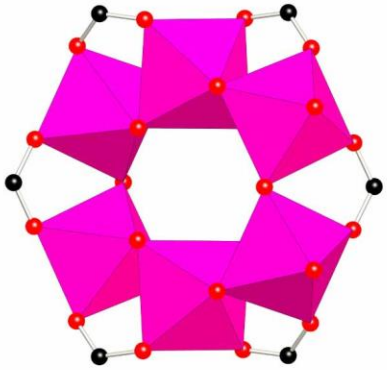
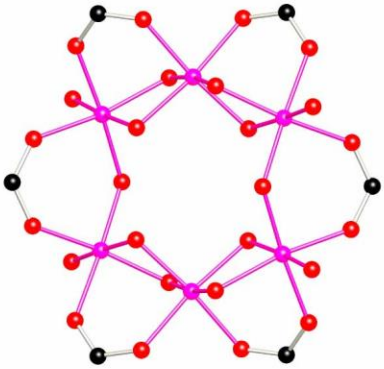
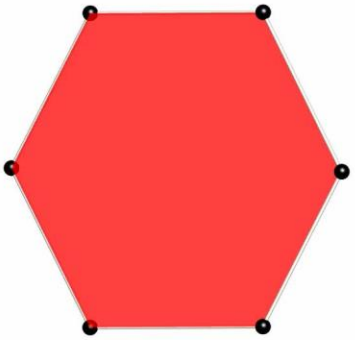
FACQUW H. Necefoglu et al *Acta Crystallogr., Sect. E*, **2002**, 58, p m123

$Pd_4(CO_2)_4(S)_4$

$Pd_4(CH_3CO_2)_4(CH_3CH_2S)_4$

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

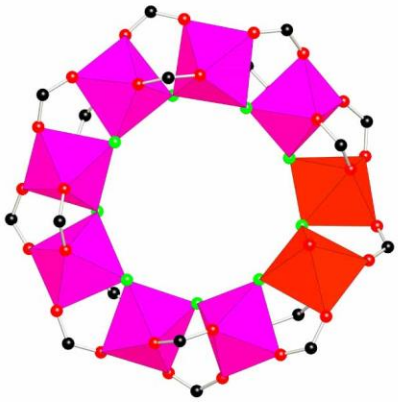
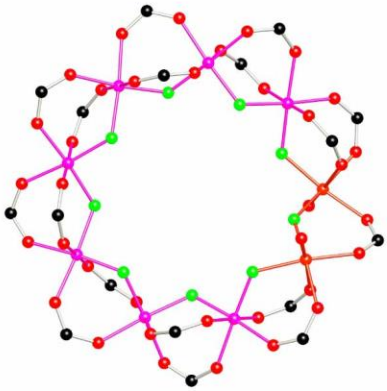
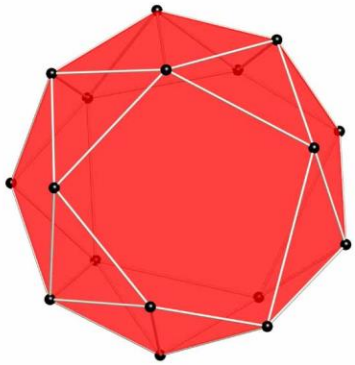




$Cr_6(CO_2)_6(O)_{10}(O)_4$

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

FAGDOH

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

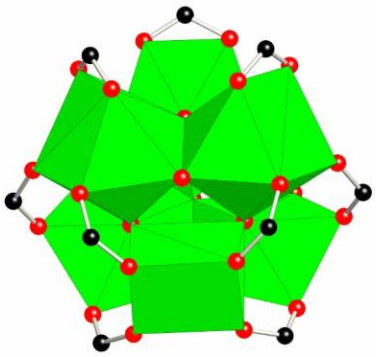
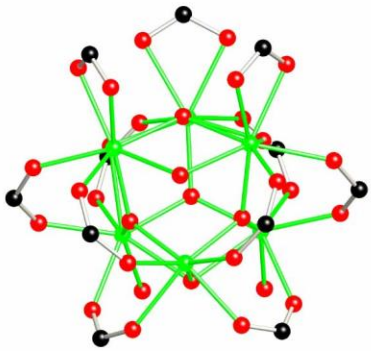
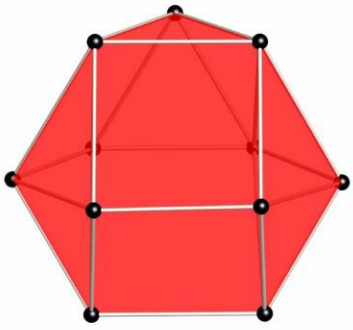




$Cr_7V_2(CO_2)_{17}(F)_9(O)_2$

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

FANKEL

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

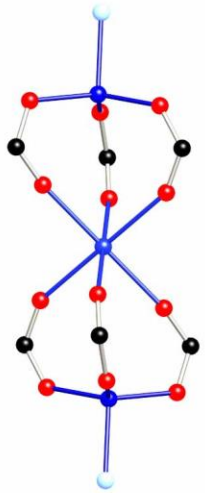
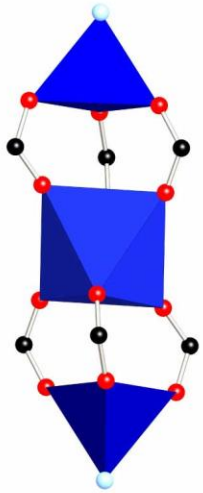




$Zr_6(CO_2)_{11}(O)_8(O)(O)$

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

FAPNIU

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

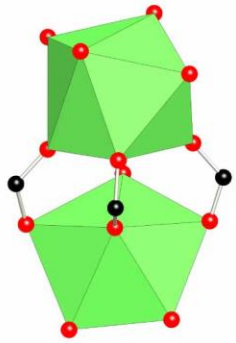
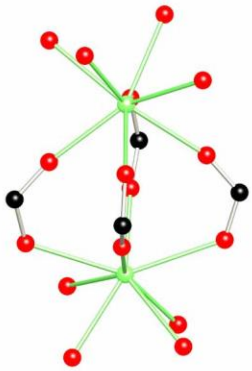
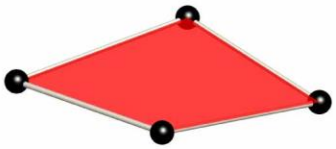




$CaCo_2(CO_2)_6(N)_2$

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

FUFFOB

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

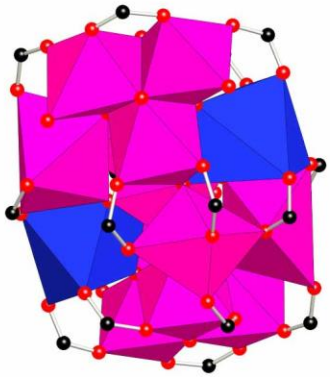
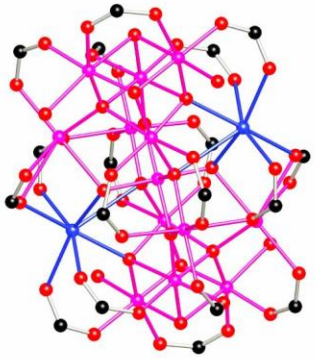
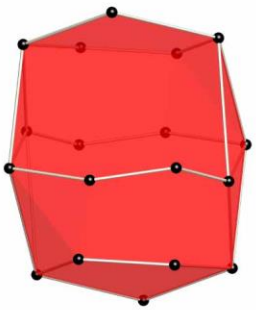




$La_2(CO_2)_4(O)_8$

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

FEFCOJ

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

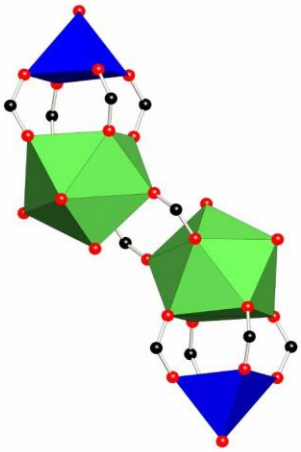
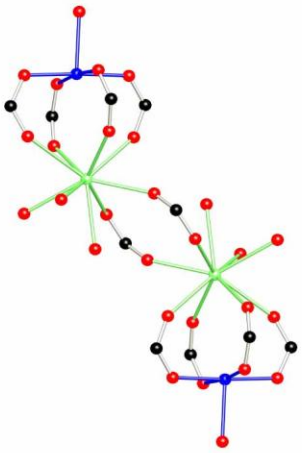




$Mn_{13}Ca_2(CO_2)_{18}(O)_{10}(O)_2(O)_2(O)_4$

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

FEPDAG

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

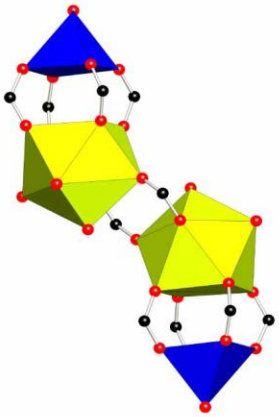
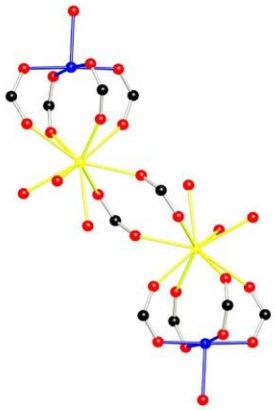




$La_2Cu_2(CO_2)_{10}(O)_8$

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

FEPRIB

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

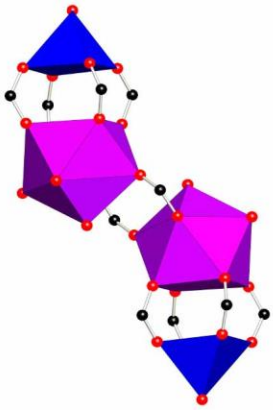
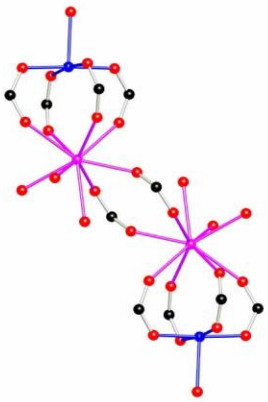




$Ce_2Cu_2(CO_2)_{10}(O)_8$

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

FEPROH

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

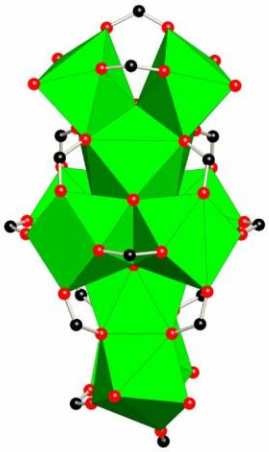
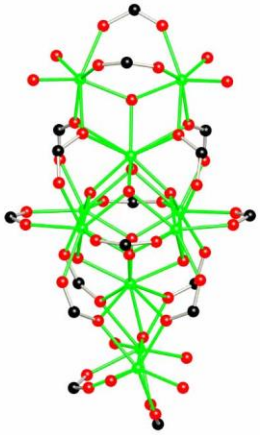
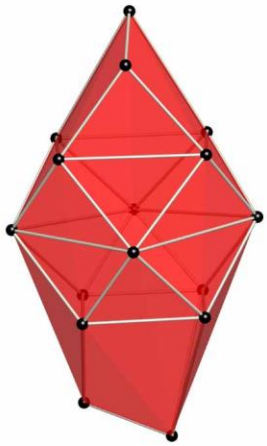




$Gd_2Cu_2(CO_2)_{10}(O)_8$

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

FEPSAU

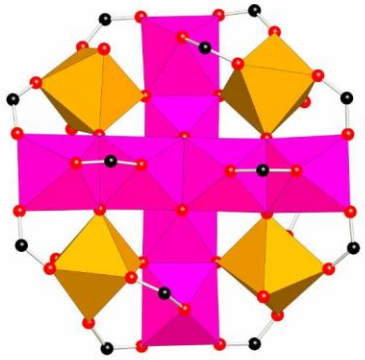
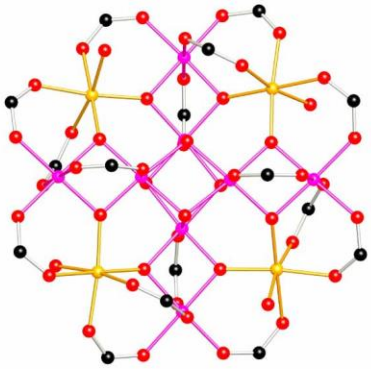
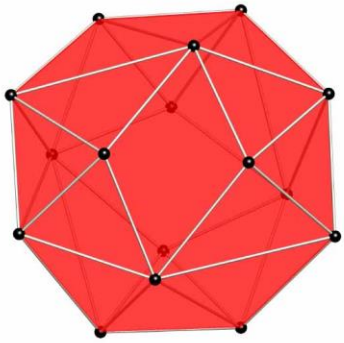
Xiao-Ming Chen et al *Inorg. Chem.*, **1998**, 37, p 6186

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

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

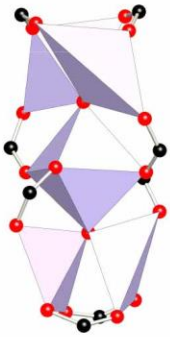
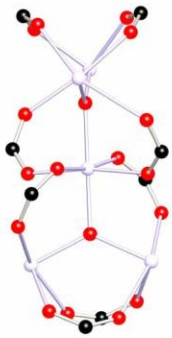
FESQUP G. Kickelbick, U. Schubert *J. Chem. Soc., Dalton Trans.*, **1999**, p 1301

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

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

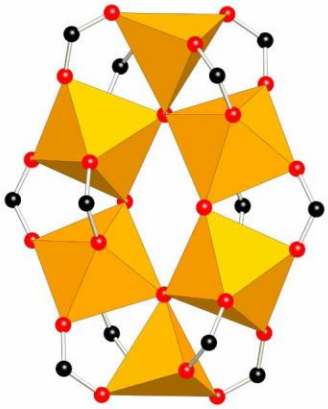
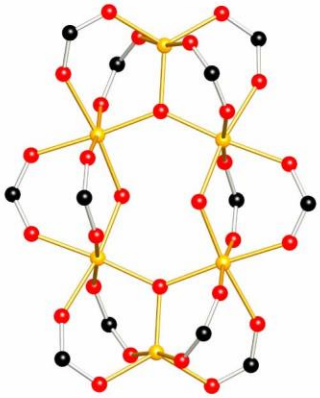
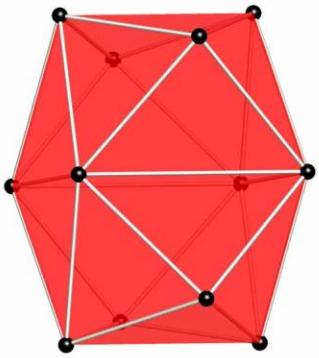
FICSIU Chen-I. Yang et al *Chem. Lett.*, **2005**, 34, p 288


$Sn_5(CO_2)_8(O)_2$

$Sn_5(CF_3CO_2)_8(O)_2$

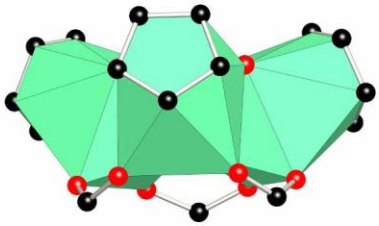
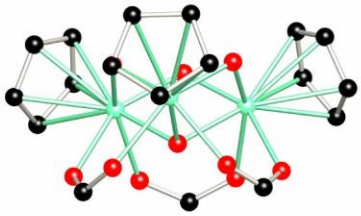
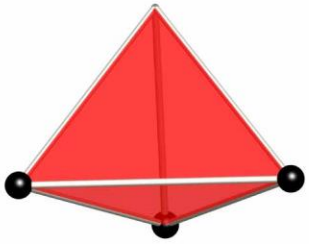
FILJOZ T. Birchall et al *J. Chem. Soc., Dalton Trans.*, **1987**, p 1675

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

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

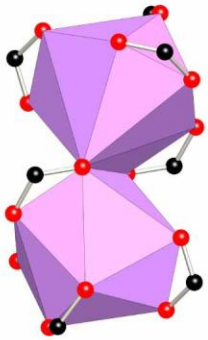
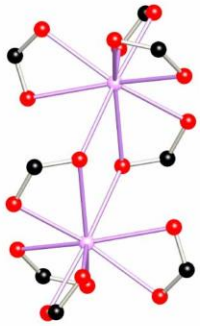
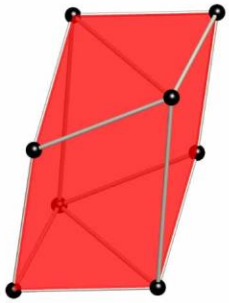
FIZBOF N. V. Gerbeleu et al *Proc. Nat. Acad. Sci. USSR*, **1987**, 293, p 364

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

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

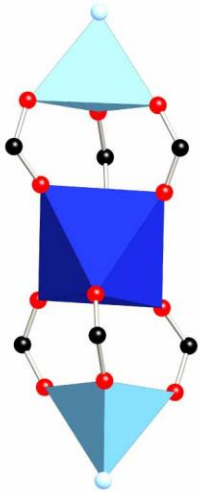
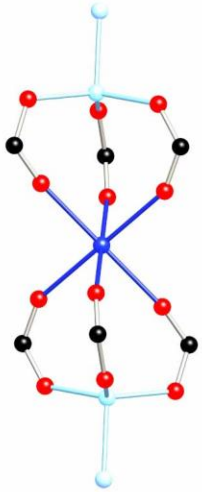
FMHCPN N. I. Kirillova et al *Zh. Strukt. Khim. (Russ.) (J. Struct. Chem.)*, **1973**, 14, p 1075

$Bi_2(CO_2)_8$

$Bi_2(CH_3CO_2)_8$

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

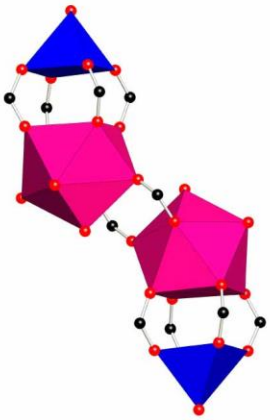
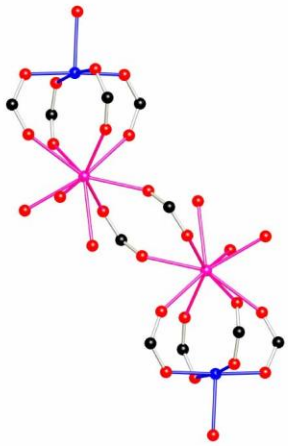




$CaZn_2(CO_2)_6(N)_2$

$CaZn_2(CH_3CH_2CO_2)_6(C_9H_7N)_2$

FUFFIV

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

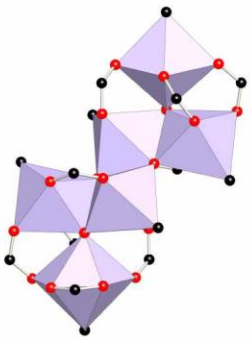
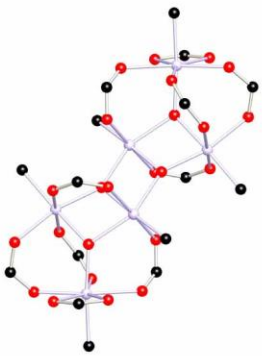
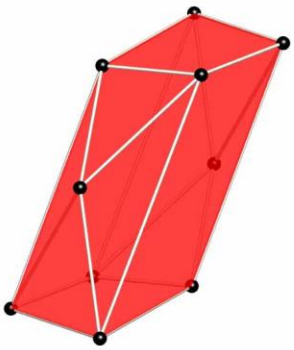




$Sm_2Cu_2(CO_2)_{10}(O)_8$

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

FEPSEY

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

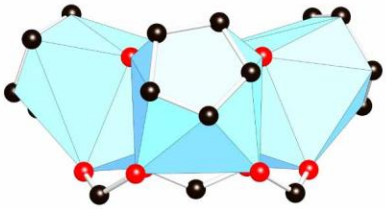
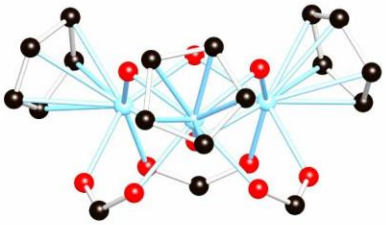
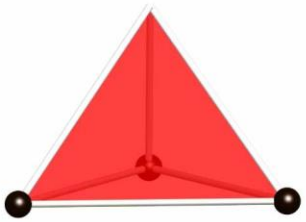




$Sn_6(CO_2)_{10}(O)_4(C)_6$

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

GABXIQ

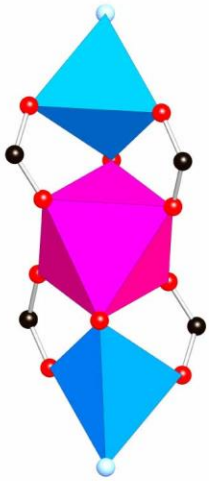
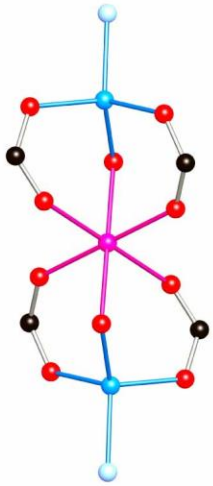
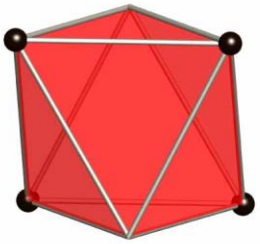
K. C. Kumara Swamy et al *J. Chem. Soc., Dalton Trans.*, **1998**, p 1645

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

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

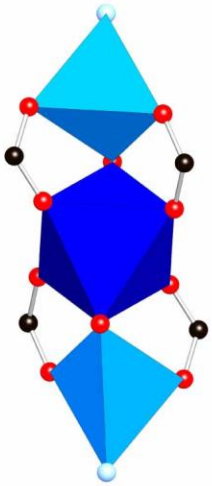
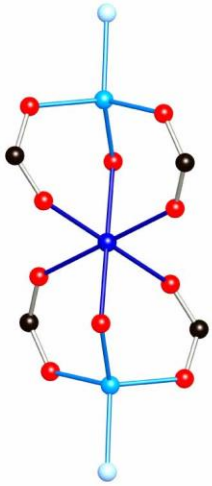
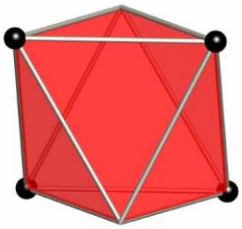
GAFDOG K. Doppert, U. Thewalt *J. Organomet. Chem.*, **1986**, 41, p 301

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

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

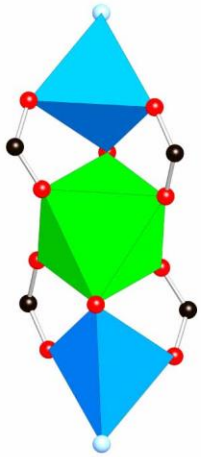
GAWLIZ W. Clegg et al *Inorg. Chem.*, **1988**, 27, p 1916

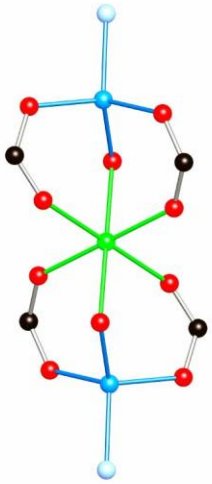




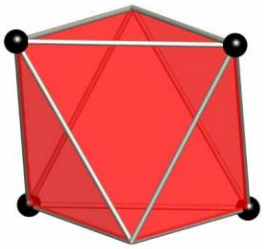
$Zn_2Co(CO_2)_4(O)_2(N)_2$

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

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





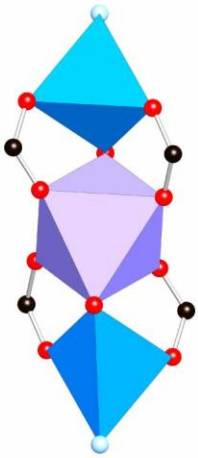


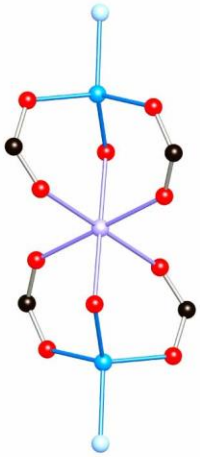
$Zn_2Ni(CO_2)_4(O)_2(N)_2$

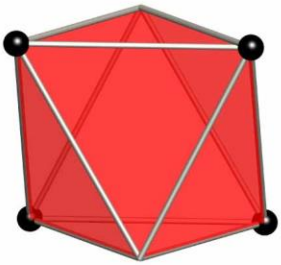
$Zn_2Ni(trans\text{-}CH_3CH{=}CHCO_2)_4(trans\text{-}CH_3CH{=}CHCOO)_2(C_9H_7N)_2$

GAWLUL

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





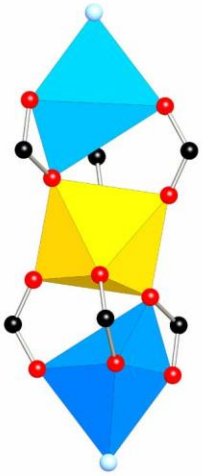


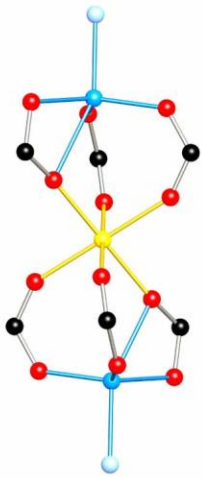
$Zn_2Cd(CO_2)_4(O)_2(N)_2$

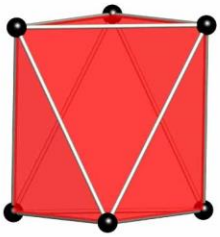
$Zn_2Cd(trans\text{-}CH_3CH{=}CHCO_2)_4(trans\text{-}CH_3CH{=}CHCOO)_2(C_9H_7N)_2$

GAWMEW

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





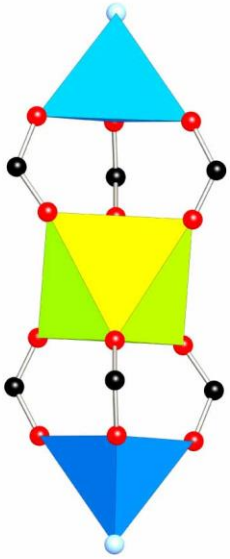


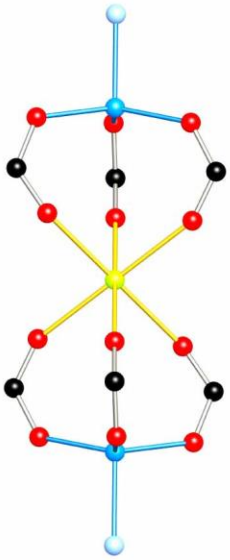
$Zn_2Mg(CO_2)_6(N)_2$

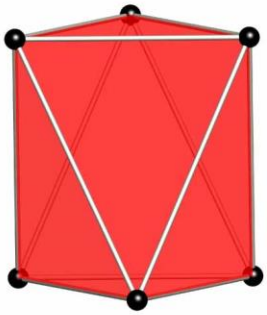
$Zn_2Mg(trans\text{-}CH_3CH{=}CHCO_2)_6(CH_3C_9H_6N)_2$

GAWMIA

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





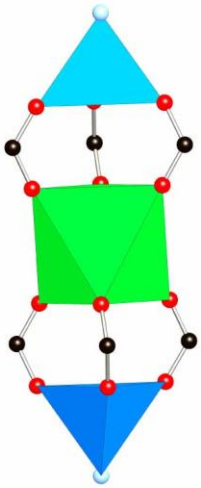


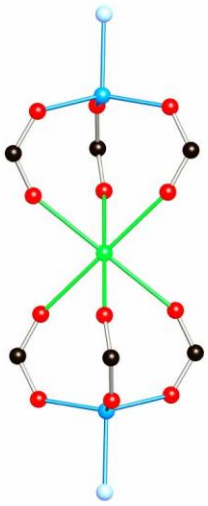
$Zn_2Ca(CO_2)_6(N)_2$

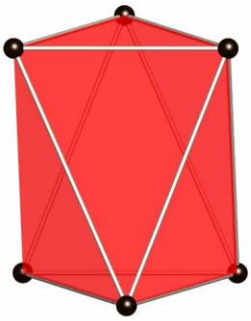
$Zn_2Ca(trans\text{-}CH_3CH{=}CHCO_2)_6(CH_3C_9H_6N)_2$

GAWMOG

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





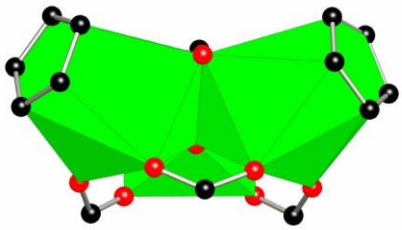


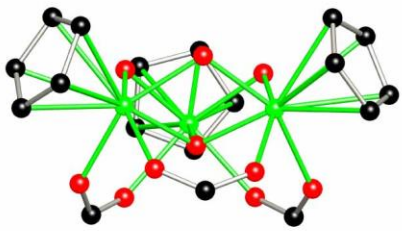
$Zn_2Sr(CO_2)_6(N)_2$

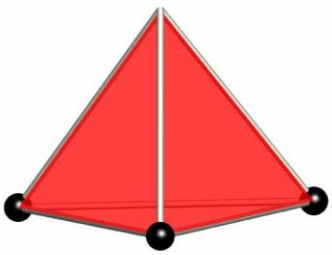
$Zn_2Sr(trans\text{-}CH_3CH{=}CHCO_2)_6(CH_3C_9H_6N)_2$

GAWMUM

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





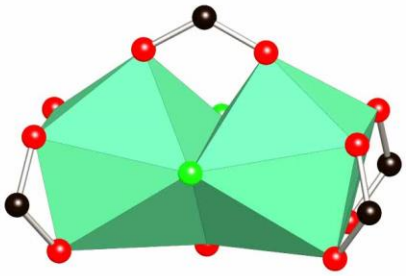
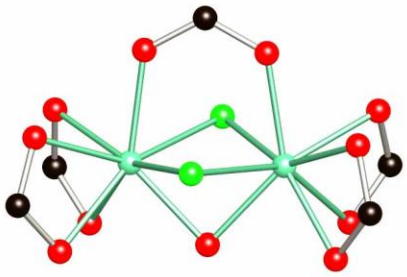
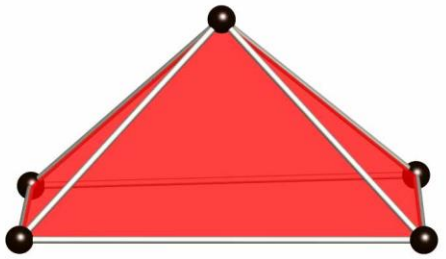


$Zr_3(CO_2)_3(O)(O)_3(C_5)_3$

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

GAZCAL

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

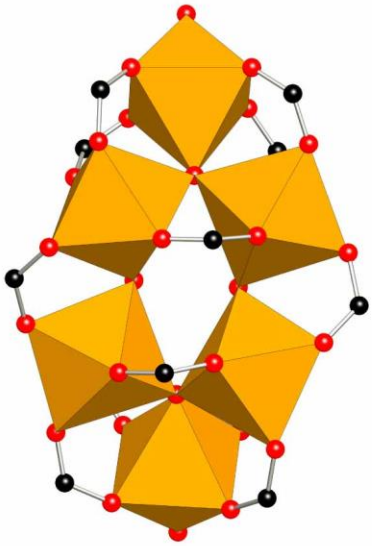
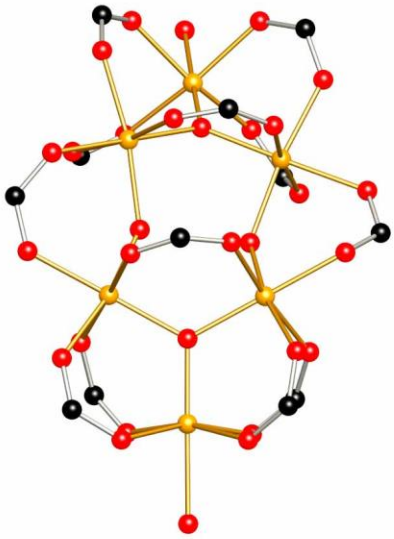
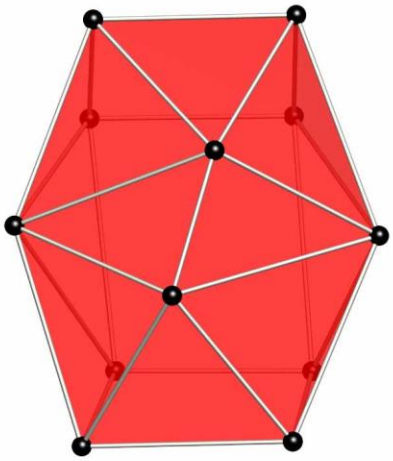




$Nb_2(CO_2)_5(Cl)_2(O)$

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

GENMIV

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

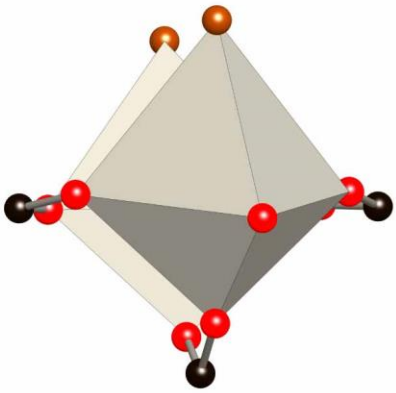
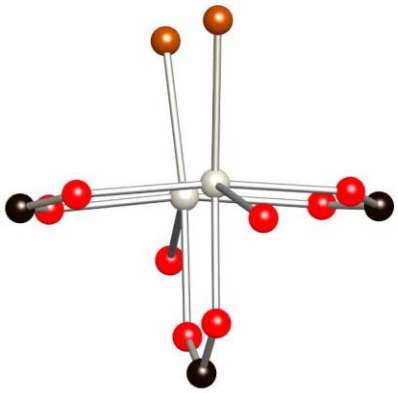
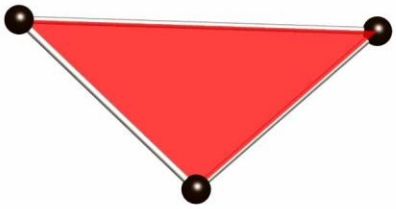




$Fe_6(CO_2)_{12}(O)_2(O)_2(O)(O)$

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

GEZZOA

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

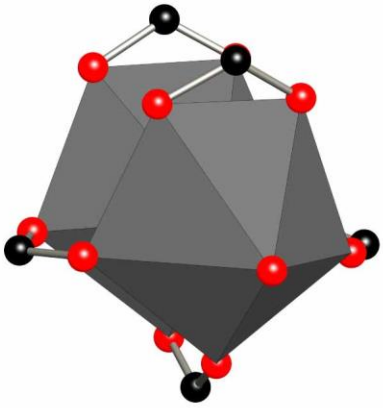
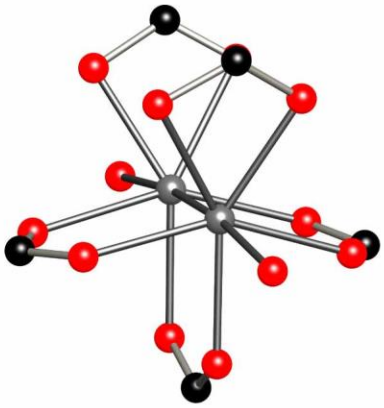
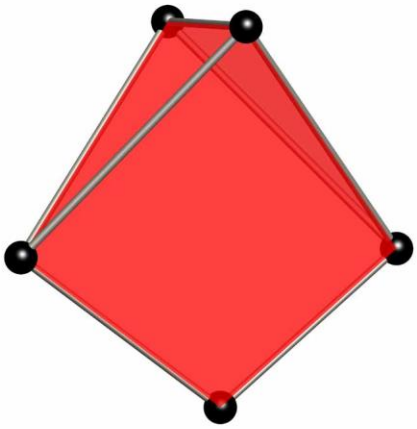




$W_2(CO_2)_3(Br)_2(O)_2$

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

GIFSUJ

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

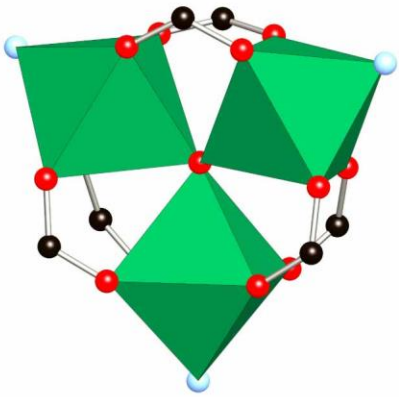
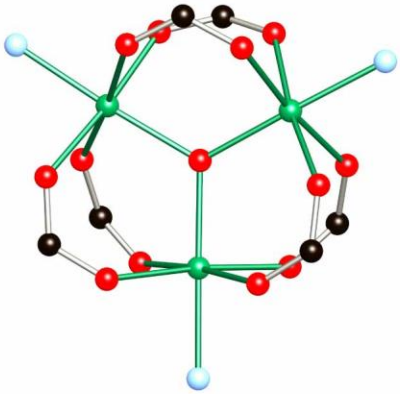
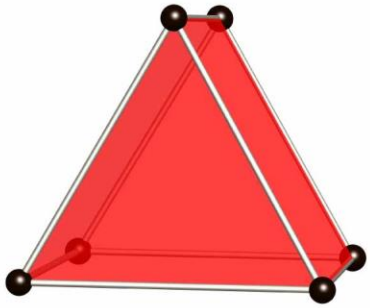




$W_2(CO_2)_5(O)_2$

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

GIFTAQ

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

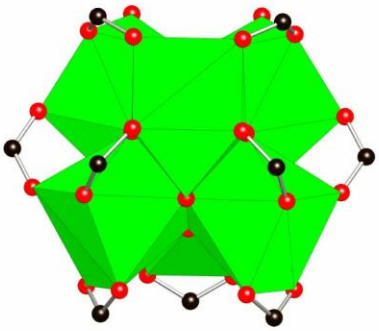
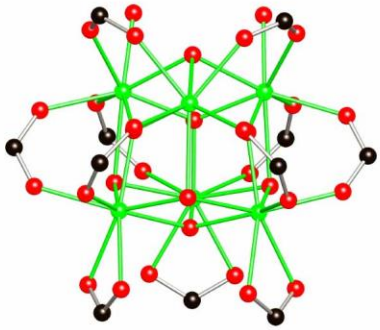
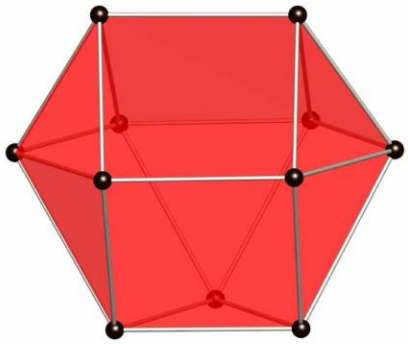




$Ni_3(CO_2)_6(O)(N)_3$

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

GISXIP

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

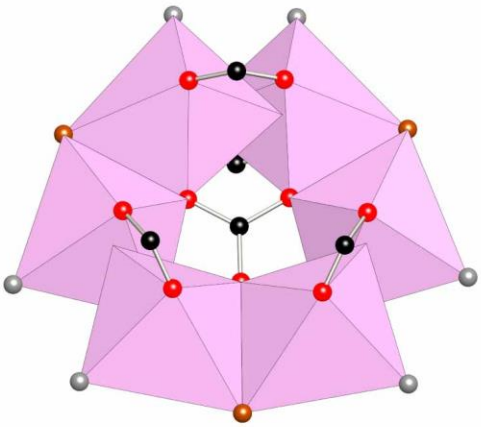
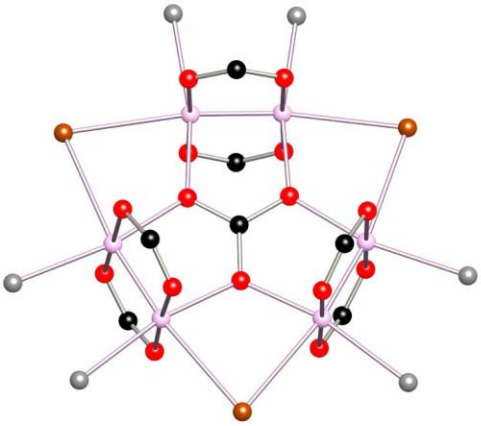
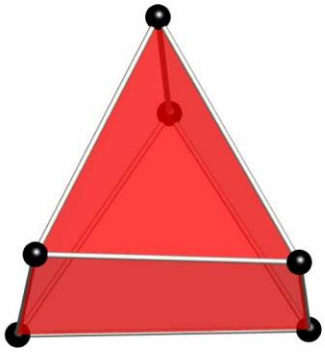




$Zr_6(CO_2)_{11}(O)_4(O)_4(O)_2$

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

GOCXEB

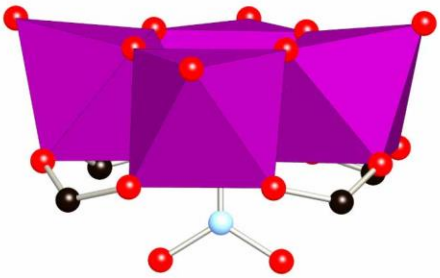
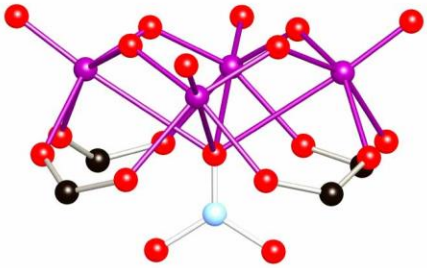
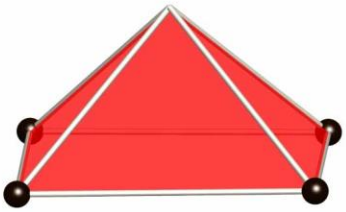
G. Kickelbick et al *Inorg. Chim. Acta*, **1999**, 284, p 1

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

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

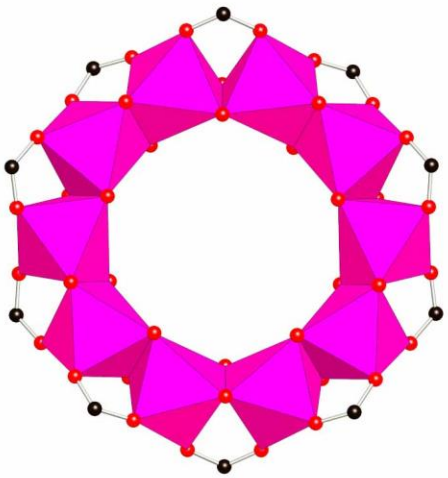
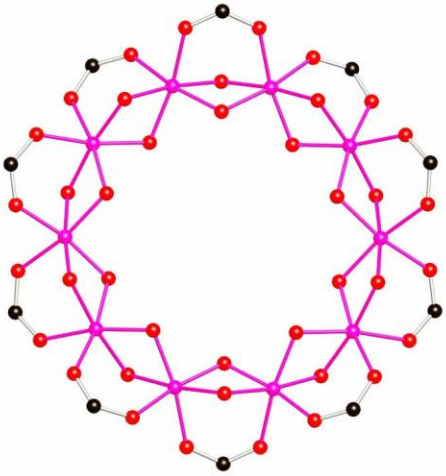
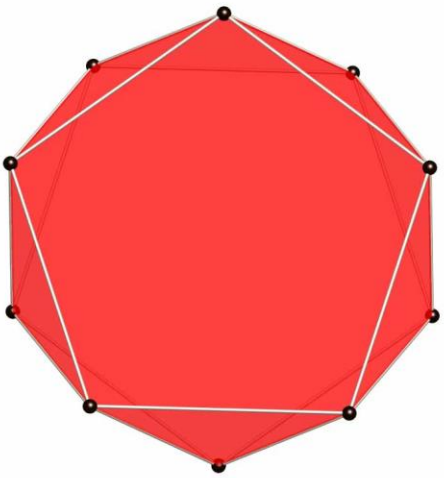
GOXVAQ Maw-Cherng Suen et al *Chem. Commun.*, **1999**, p 1185

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

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

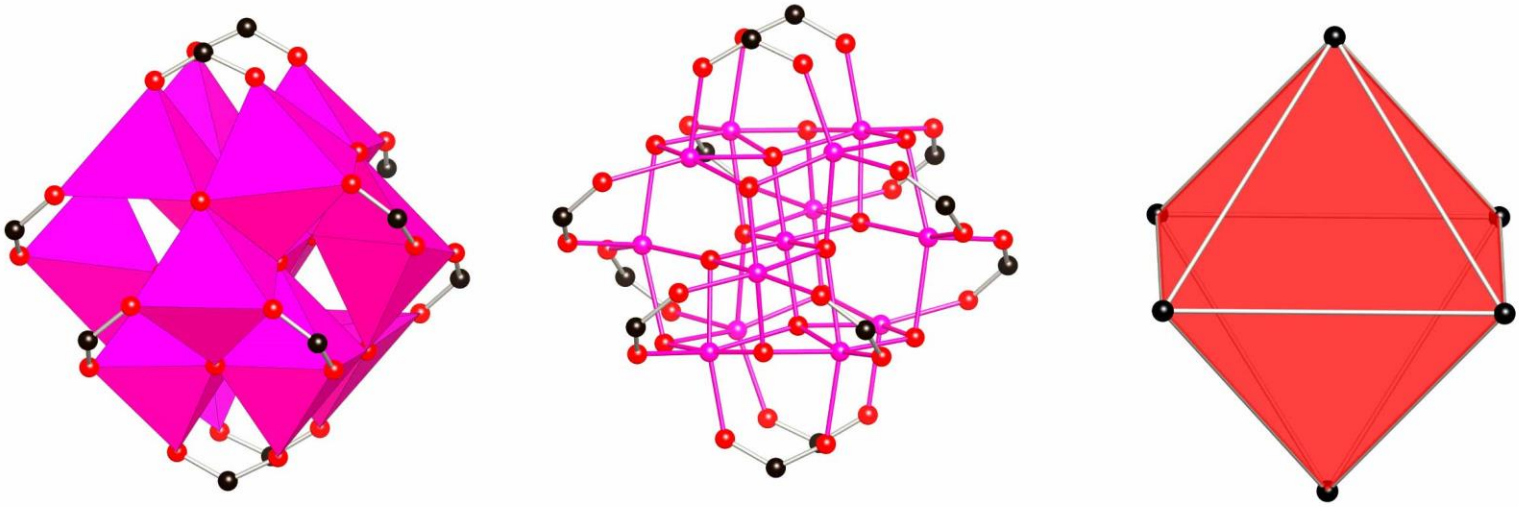
GUGVUZ D.Wulff-Molder, M. Meisel *Acta Crystallogr, Sect. C*, **2000**, 56, p 33

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

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

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

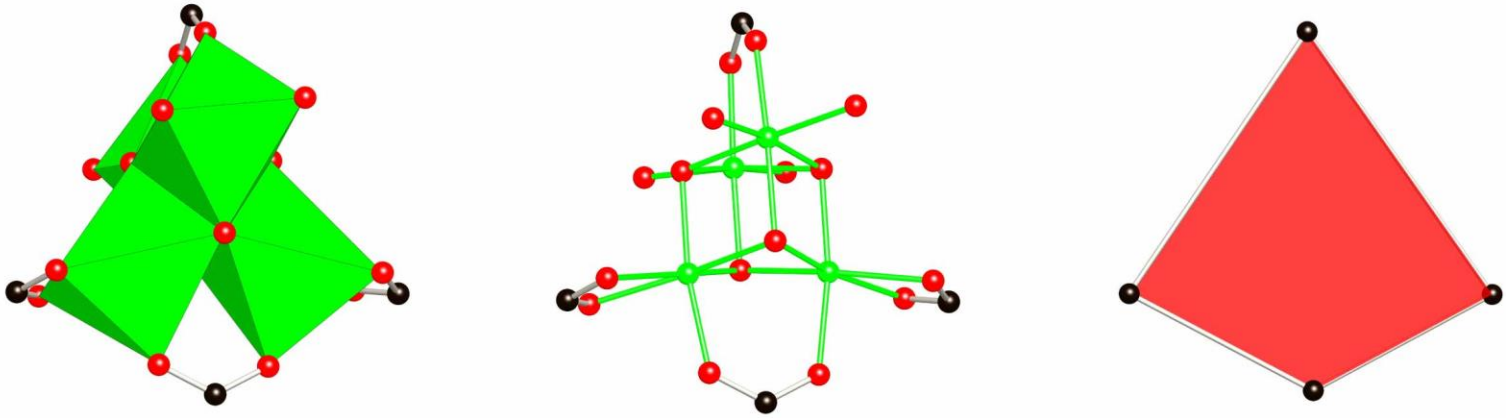


$Mn_{13}[(CO_2)_2]_6[O]_6[O]_8$

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

GUVLUE

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

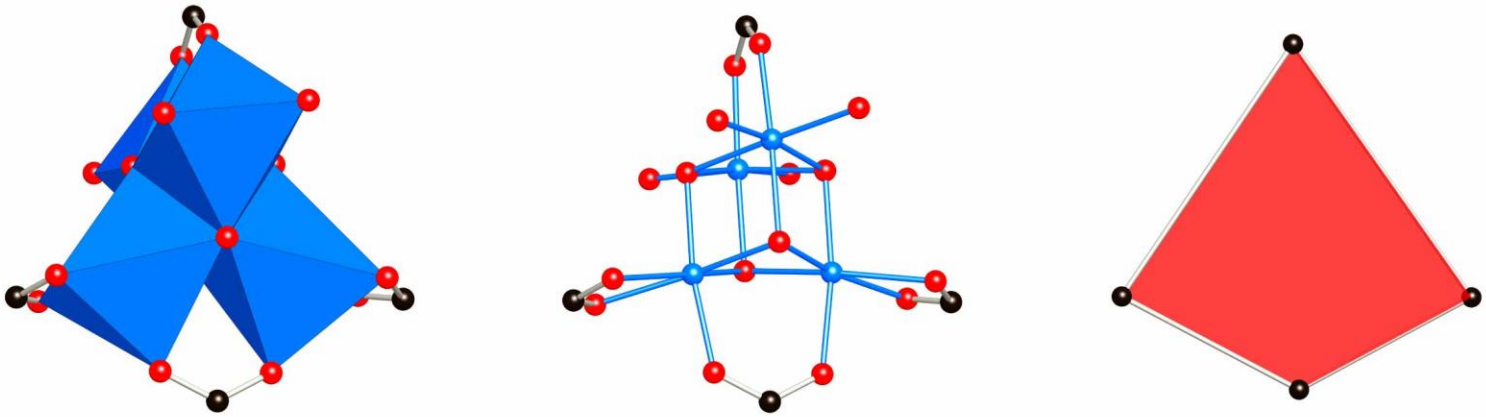


$Ni_4(CO_2)_4(O)_4(O)_4$

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

HAJCAX

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

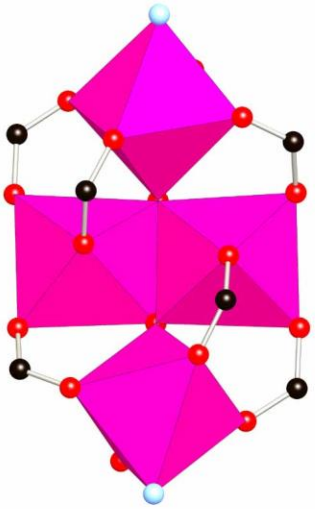
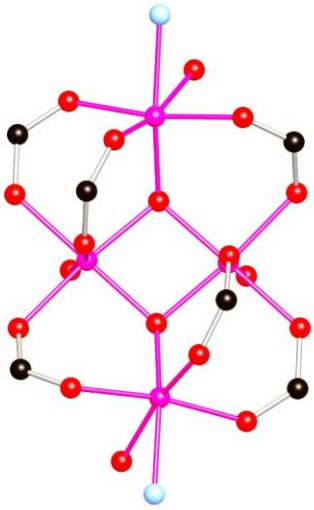
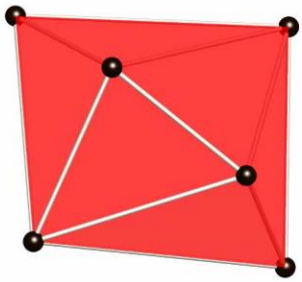


$Co_4(CO_2)_4(O)_4(O)_4$

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

HAJCIF

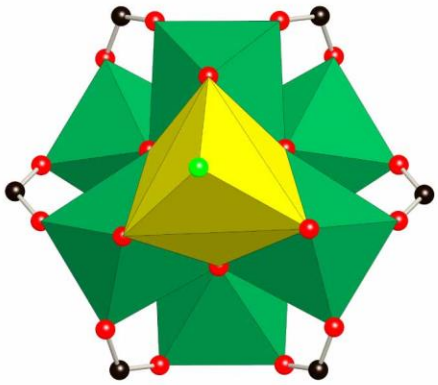
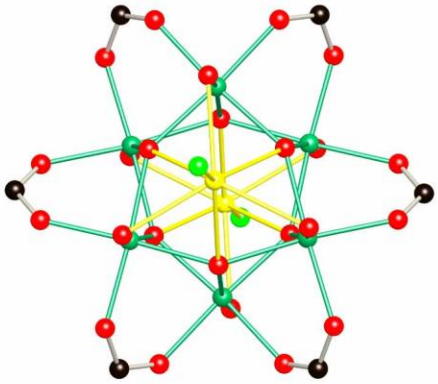
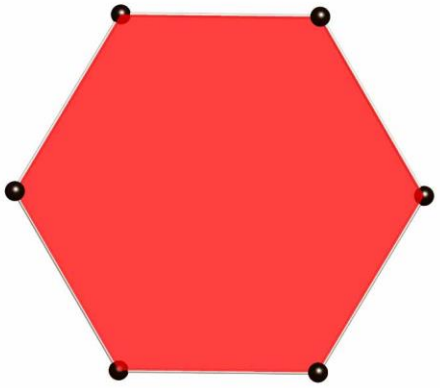
S. Parsons et al *Private Communication, The university of Edinburgh*, **2004**

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

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

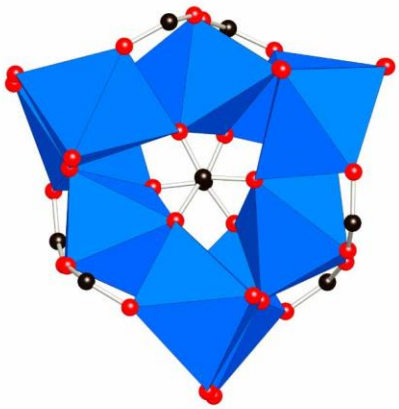
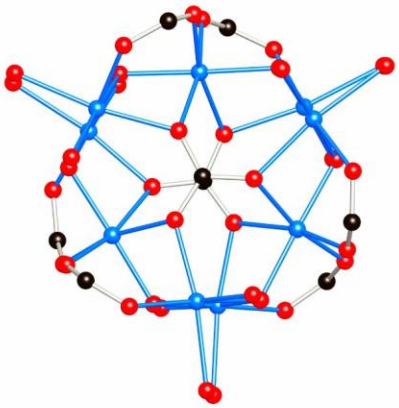
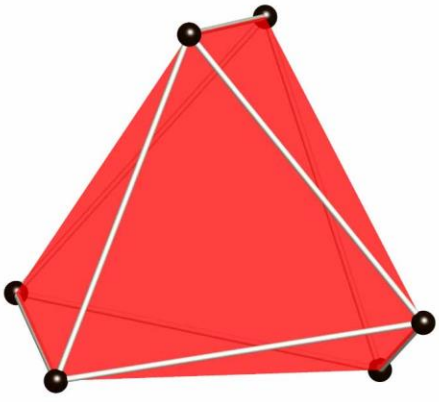
HAJDEC S. Parsons et al *Private Communication, The university of Edinburgh*, **2004**

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

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

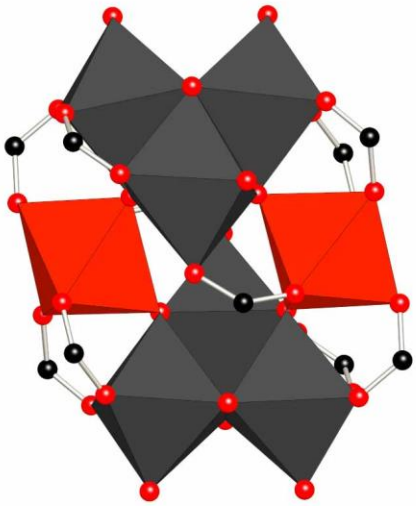
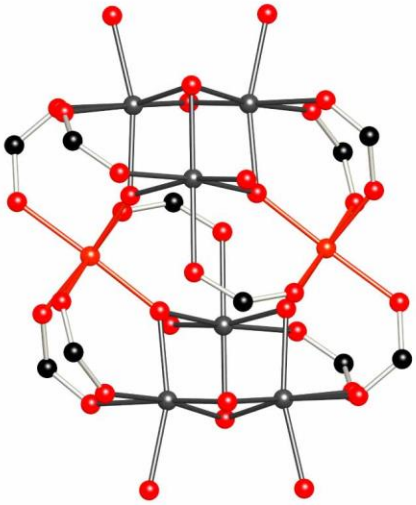
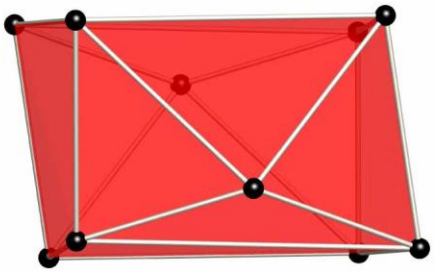
HAJFEE S. Parsons et al *Private Communication, The university of Edinburgh*, **2004**

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

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

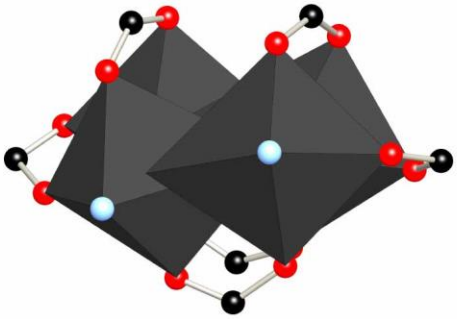
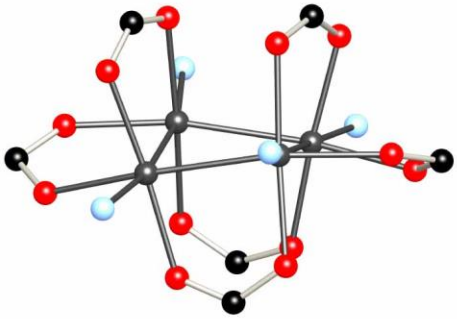
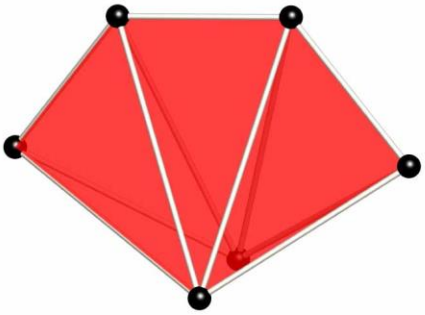
HAJGIJ S. Parsons et al *Private Communication, The university of Edinburgh*, **2004**

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

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

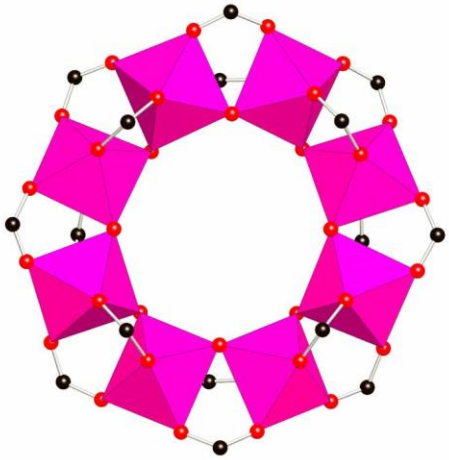
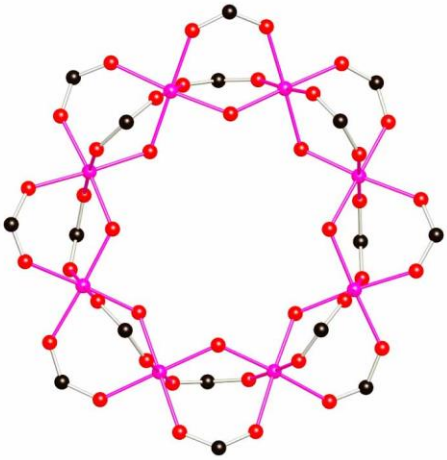
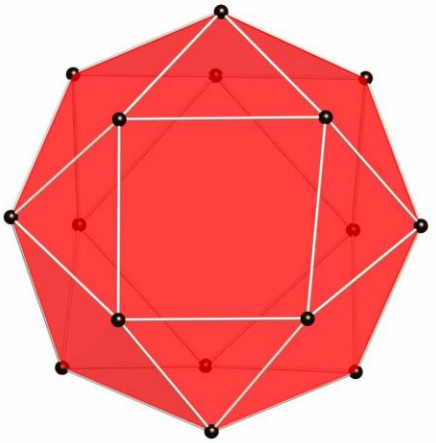
HENRUN Li Xu et al *J. Chem. Soc., Dalton Trans.*, **1994**, p 2099

$Pt_4(CO_2)_6(N)_4$

HIKXEE $Pt_4(CH_3CO_2)_6(C_5H_5N)_4$

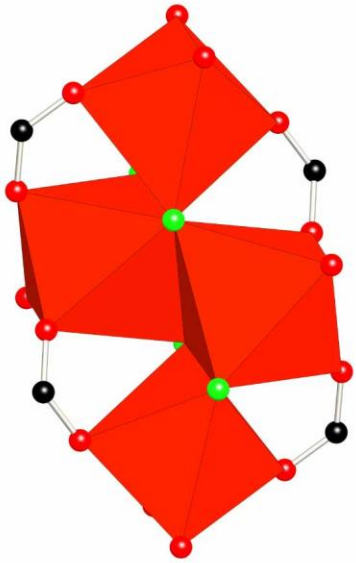
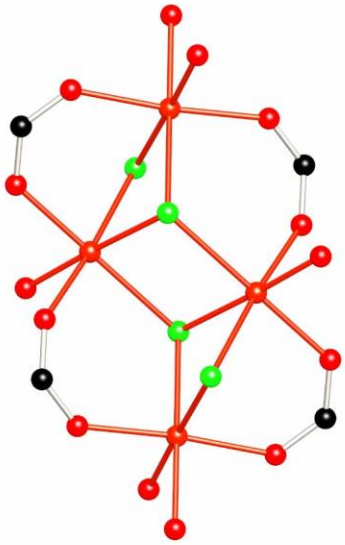
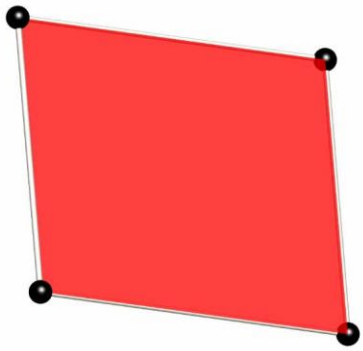
A. N. Zhilyaev et al *Zh.Neorg.Khim.(Russ.)(Russ. J. Inorg. Chem.)*, **1998**, 43, p 1237

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

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

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

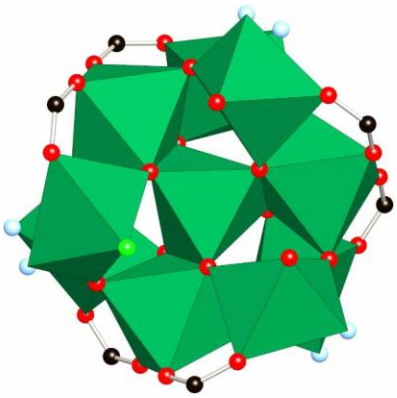
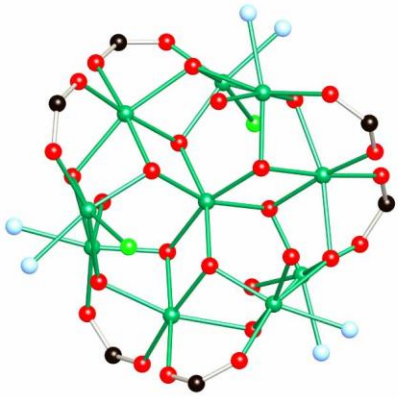
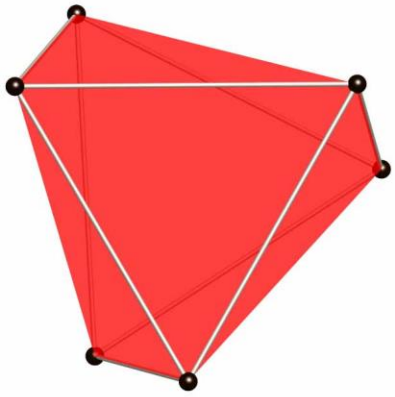




$V_4(CO_2)_4(Cl)_4(O)_6$

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

HOQCAR

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

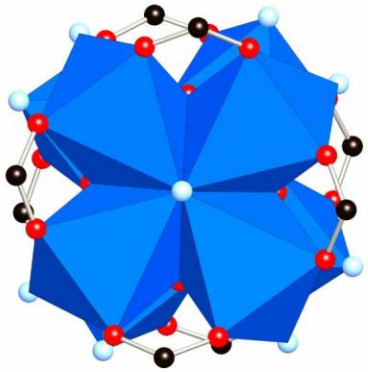
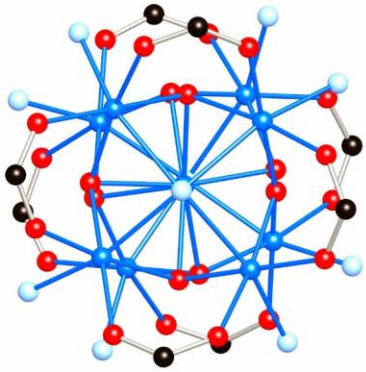
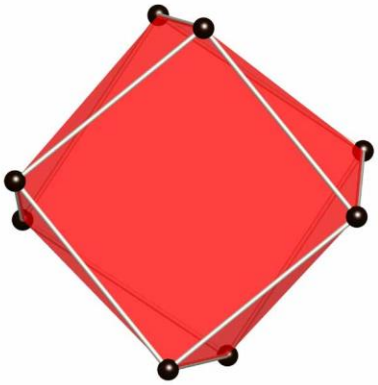




$Ni_{10}(CO_2)_6(Cl)_2[(O)_6(N)_6](O)_4(O)_6$

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

HUDQIG

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

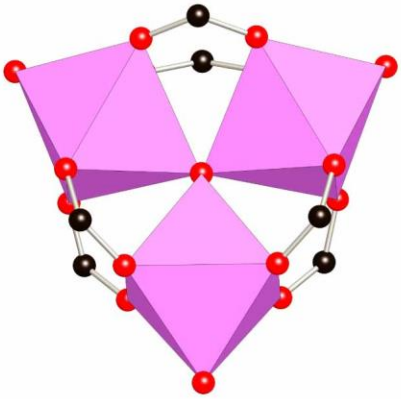
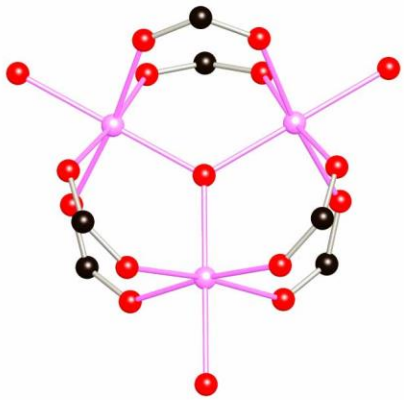
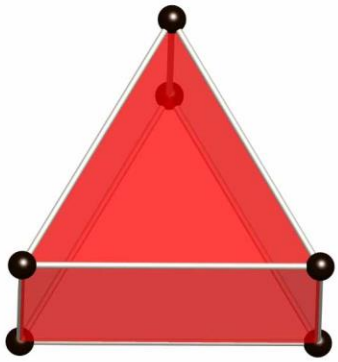




$Co_8(CO_2)_8[(N_2)_4(O_2)_4](N)_2$

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

IBEZIY

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

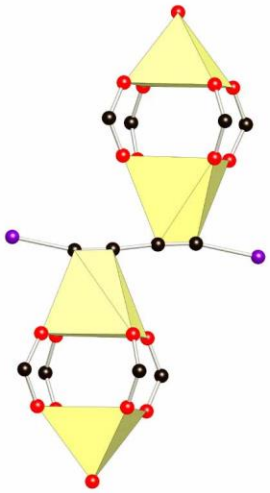
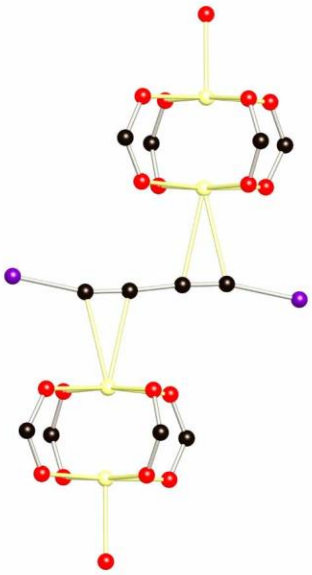
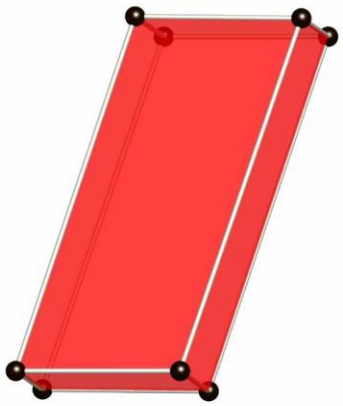




$Sc_3(CO_2)_6(O)(O)_3$

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

ICISAP

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

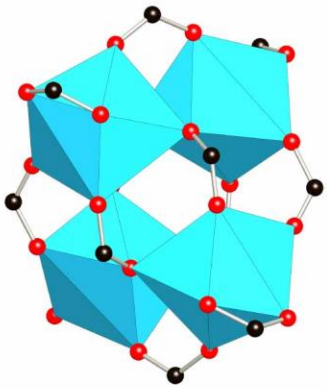
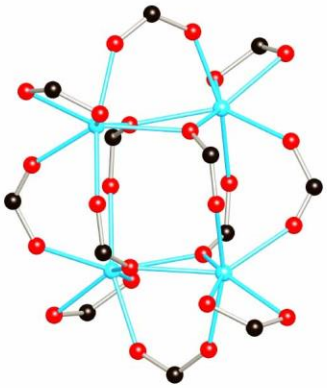
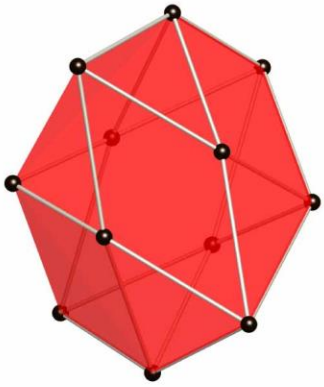




$Rh_4(CO_2)_8(O)_2(ICCCCI)$

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

ILUPAG

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

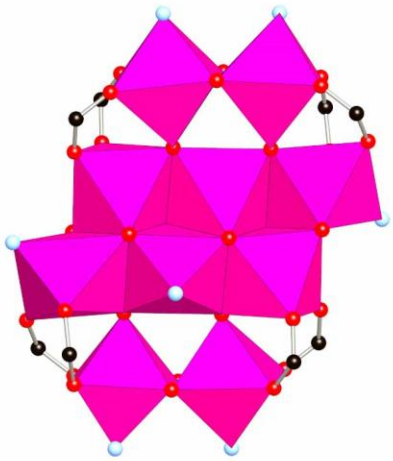
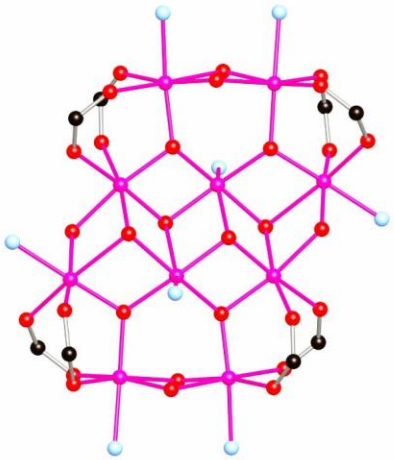
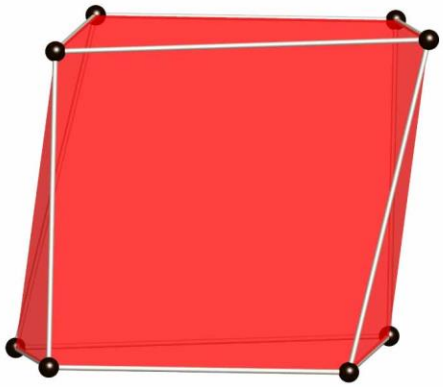




$Yb_4(CO_2)_{12}$

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

IPCBYB

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

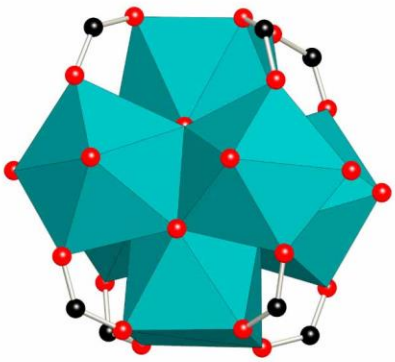
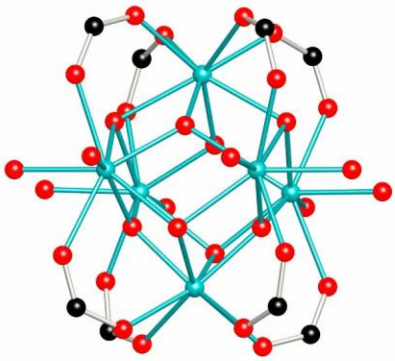
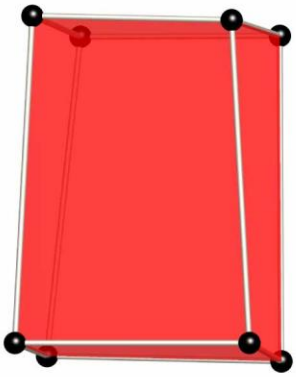




$Mn_{10}(CO_2)_8[(N)_8(O)_8](O)_6$

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

IPULOU

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

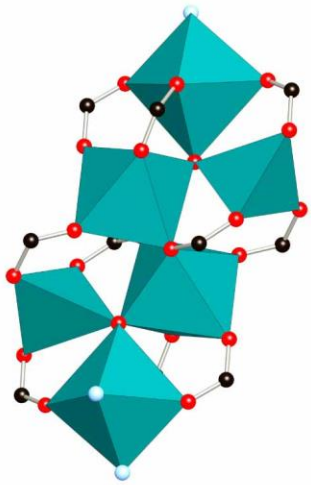
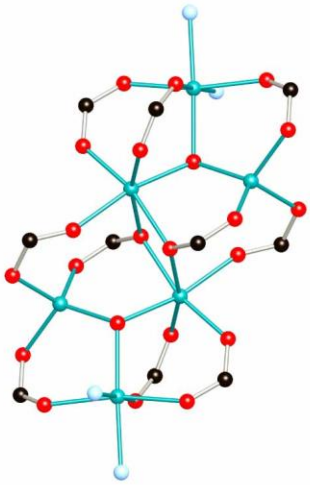
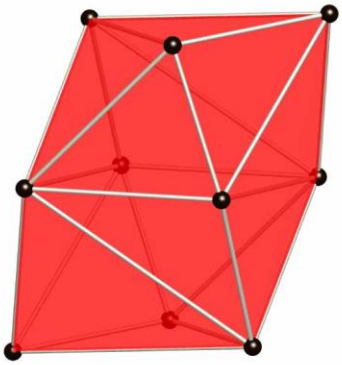




$Zr_6(CO_2)_8(O)_{16}$

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

ISEDOZ

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

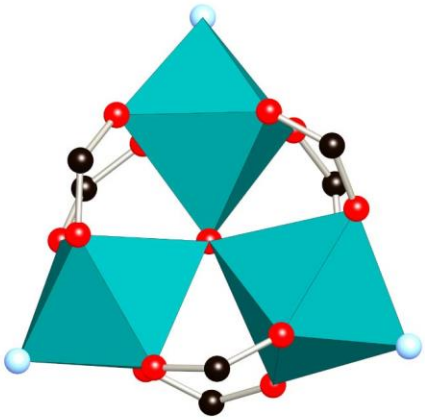
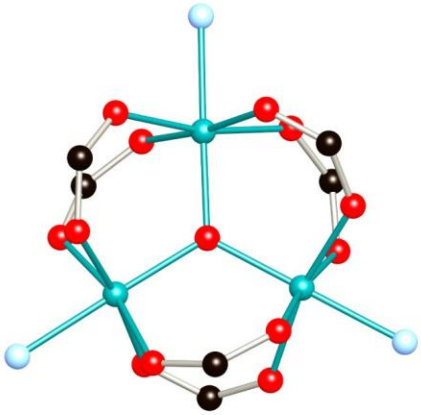




$Co_6(CO_2)_{10}(O)_2(N)_4$

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

IWUTUP

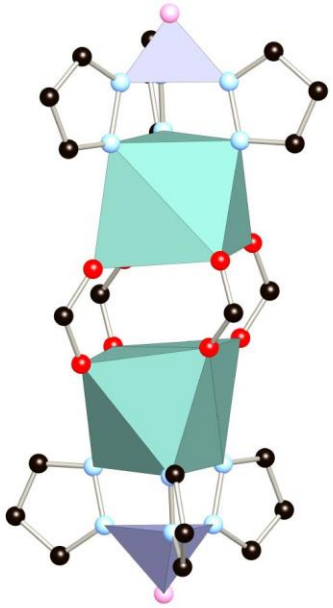
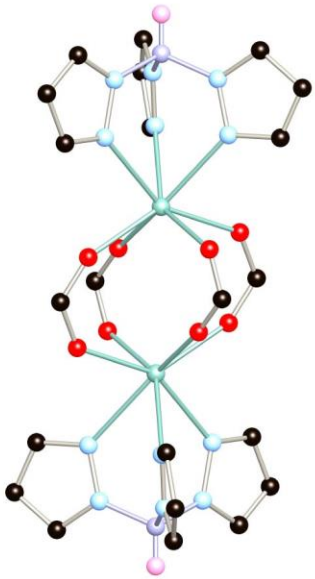
E. V. Pakhmutova et al *Russ. Chem. Bull. (Russ.)*, **2003**, p 2013


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

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

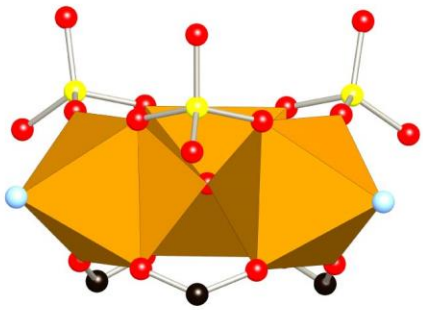
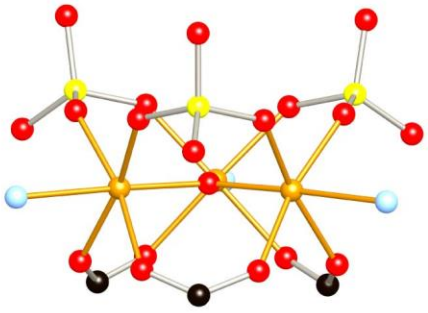
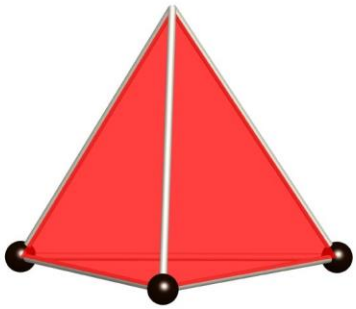
E. V. Pakhmutova et al *Russ. Chem. Bull. (Russ.)*, **2003**, p 2013


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

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

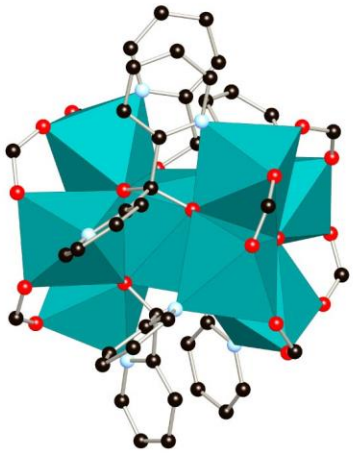
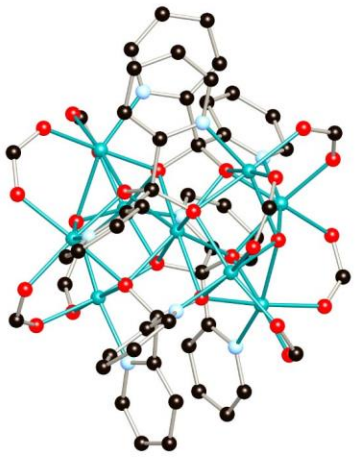
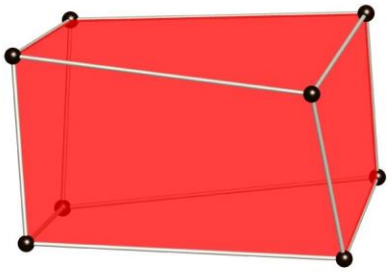
D. L. Reger et al *Inorg. Chem.*, **1988**, 27, p 3923

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

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

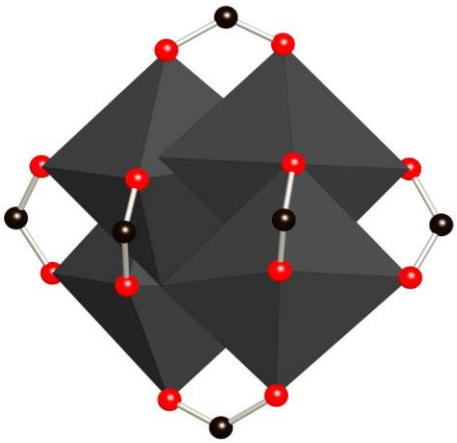
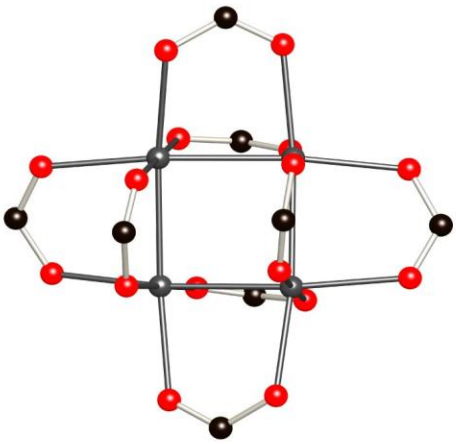
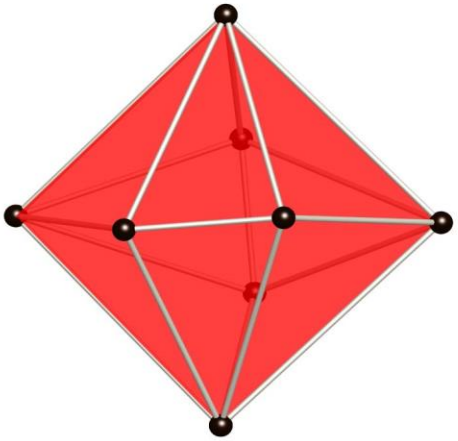
A. C. Sudik et al *J. Am. Chem. Soc.*, **2005**, 127, p 7119

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

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

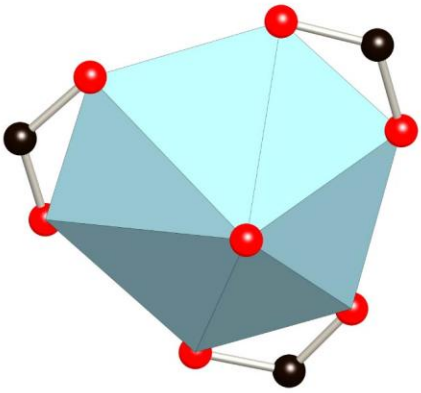
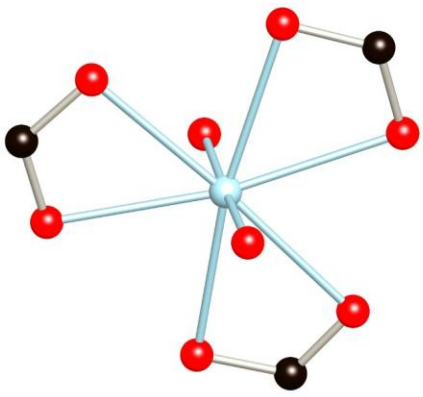
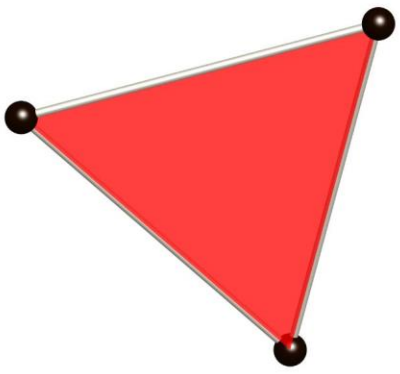
A. Tsohos et al *Angew. Chem., Int. Ed.*, **1999**, 38, p 983

$Pt_4(CO_2)_4(CO_2)_4$

$Pt_4(CH_3CO_2)_4(CCl_3CO_2)_4$

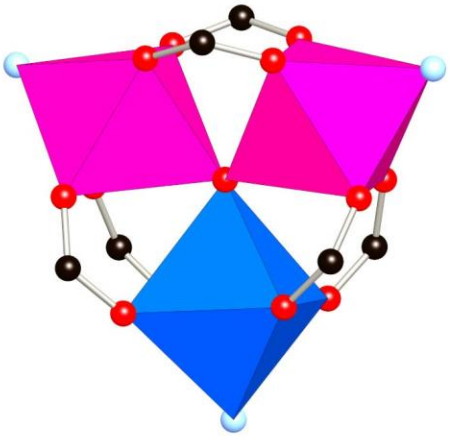
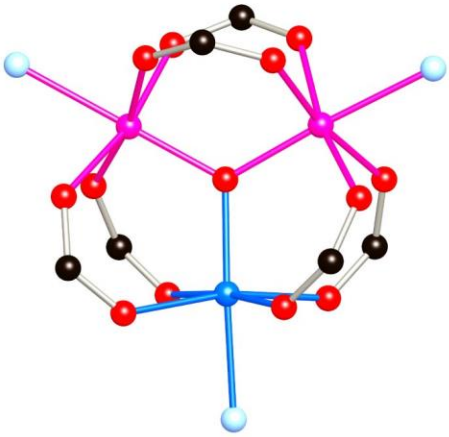
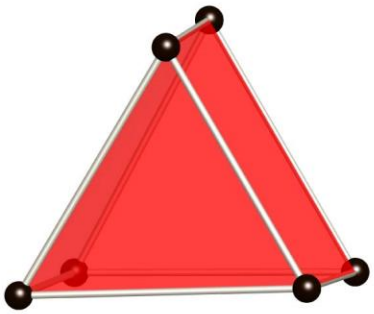
T. Yamaguchi et al *Inorg. Chem.*, **1989**, 28, p 4311

$U(CO_2)_3(O)_2$

$U(C_6H_5CH_2CO_2)_3(O)_2$

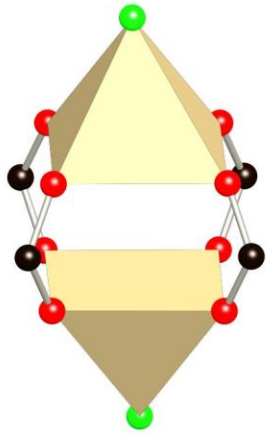
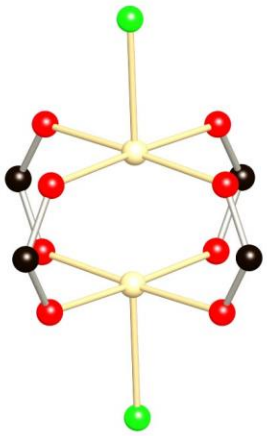
A. Bismondo et al *Inorg. Chim. Acta*, **1992**, 191, p 69

$Cr_2Co(CO_2)_6(N)_3$

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

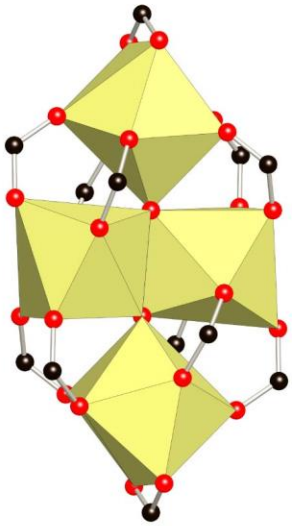
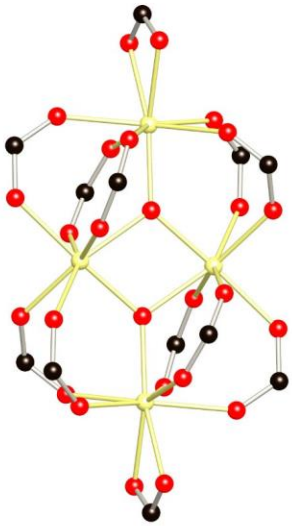
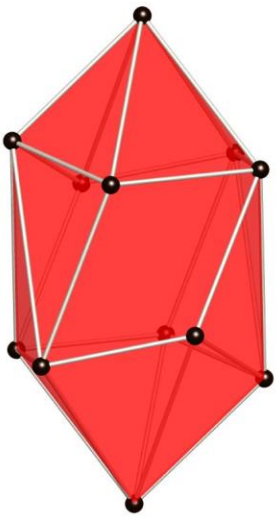
A. S. Batsanov et al *Koord. Khim. (Russ.) (Coord. Chem.)*, **1991**, 17, p 922


$Os_2(CO_2)_4(Cl)_2$

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

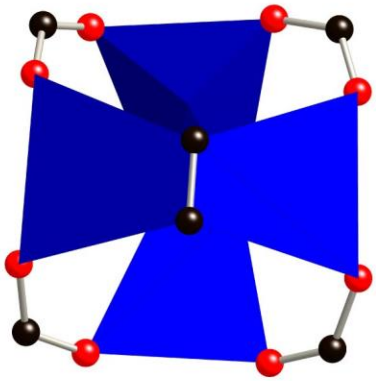
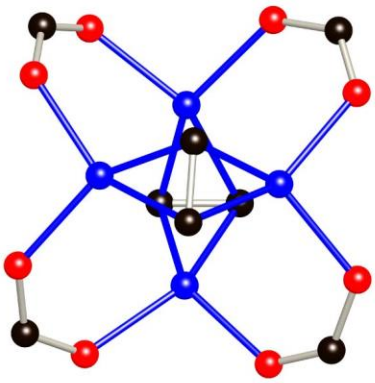
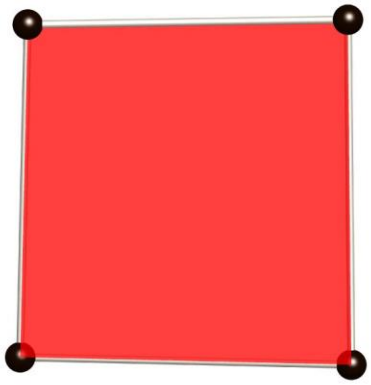
F. A. Cotton et al *Inorg. Chem.*, **1993**, 32, p 965

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

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

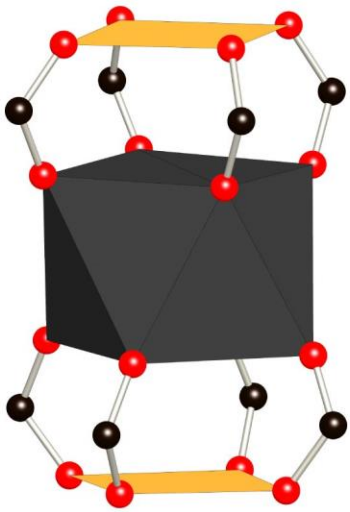
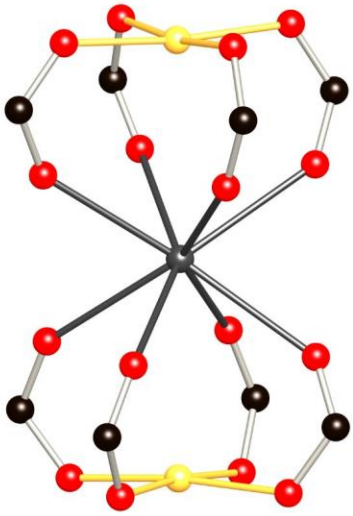
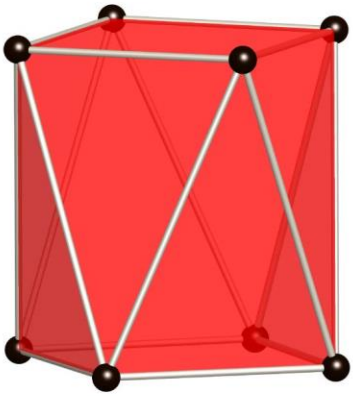
S. Gross et al *Monatsh. Chem.*, **2003**, 134, p 1053

$Cu_4(CO_2)_4(C_2)_2$

$Cu_4(CF_3CO_2)_4(CH_3CH_2CCCH_2CH_3)_2$

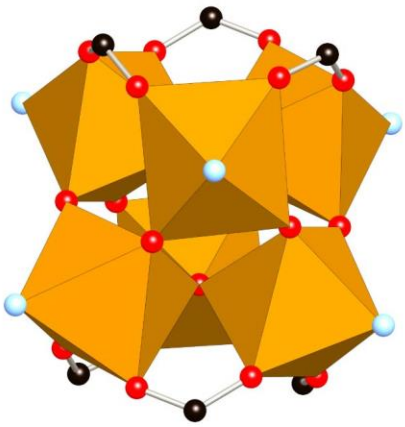
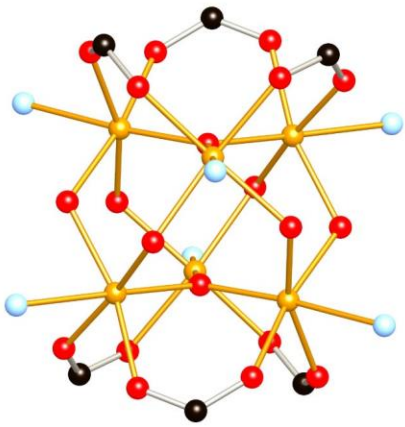
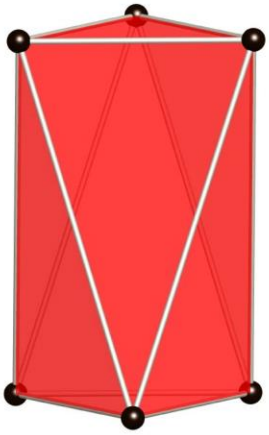
D. L. Reger et al *Organometallics,* **1989**, 8, p 848

$PbAu_2(CO_2)_8$

$PbAu_2(CH_3CO_2)_8$

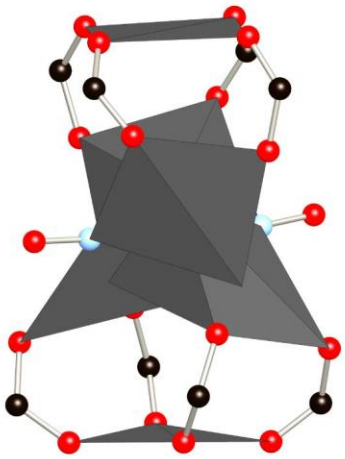
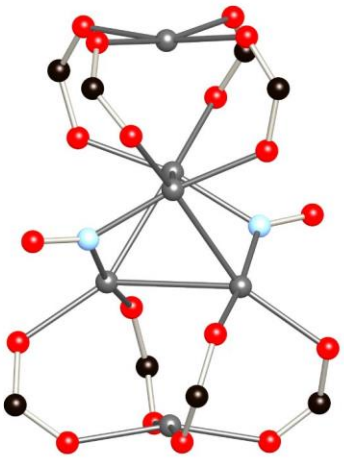
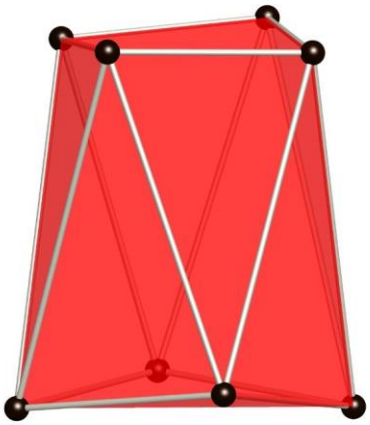
P. G. Jones et al *Z. Naturforsch., B:Chem. Sci.*, **1988**, 43, p 807

$Fe_6(CO_2)_6(NO)_4$

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

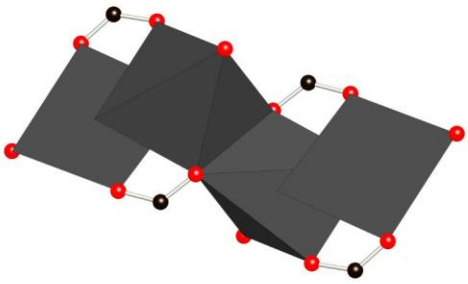
E. K. Brechin et al *Inorg. Chim. Acta,* **2000**, 297, p 389

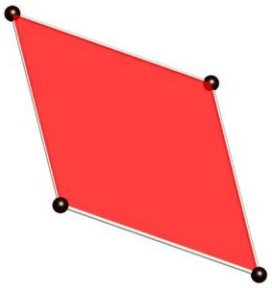




$Pd_6(CO_2)_8(NO)_2$

$Pd_6(CH_3CO_2)_8(NO)_2$

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

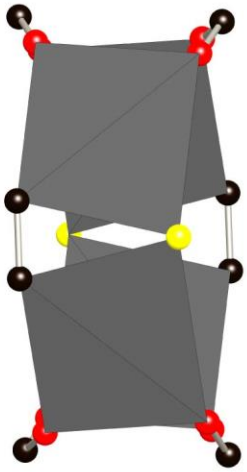
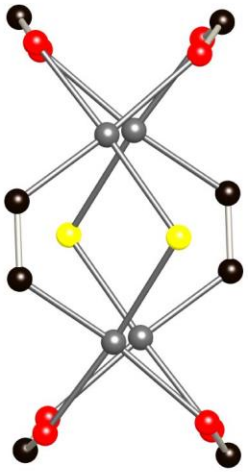
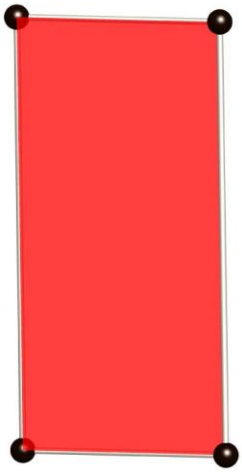




$Ag_4(CO_2)_4(O)_4$

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

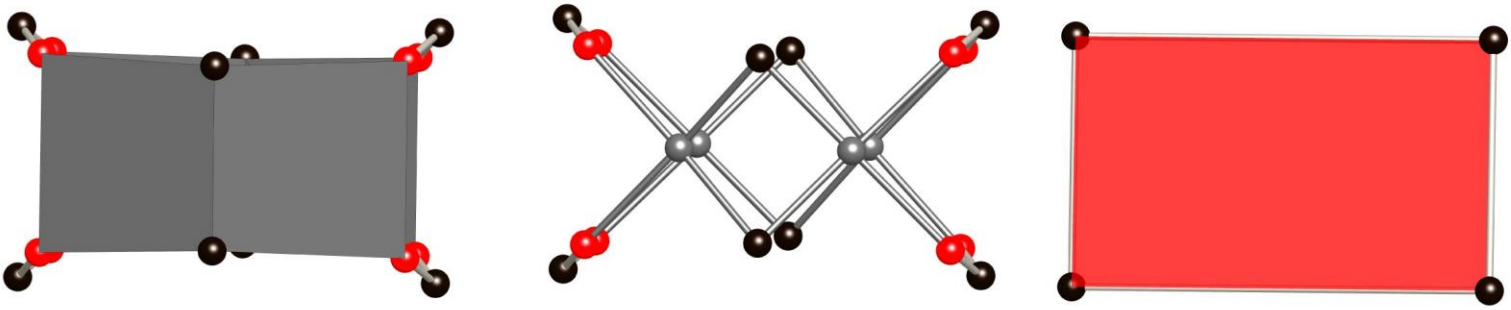
G. Smith et al *Aust. J. Chem.*, **1990**, 43, p 1707

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

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

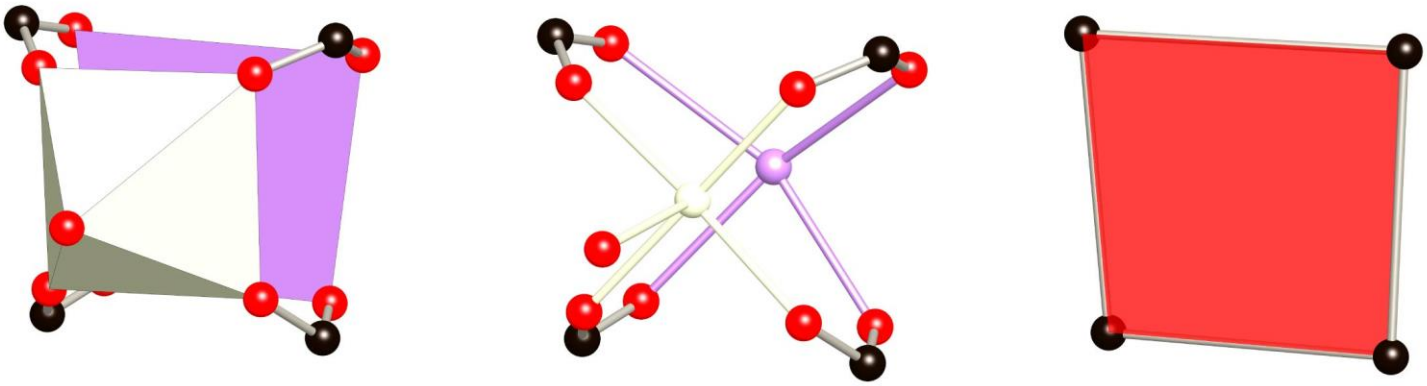
Y. Fuchita et al *Inorg. Chim. Acta*, **1993**, 205, p 185



$Pd_4(CO_2)_4(C)_4$

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

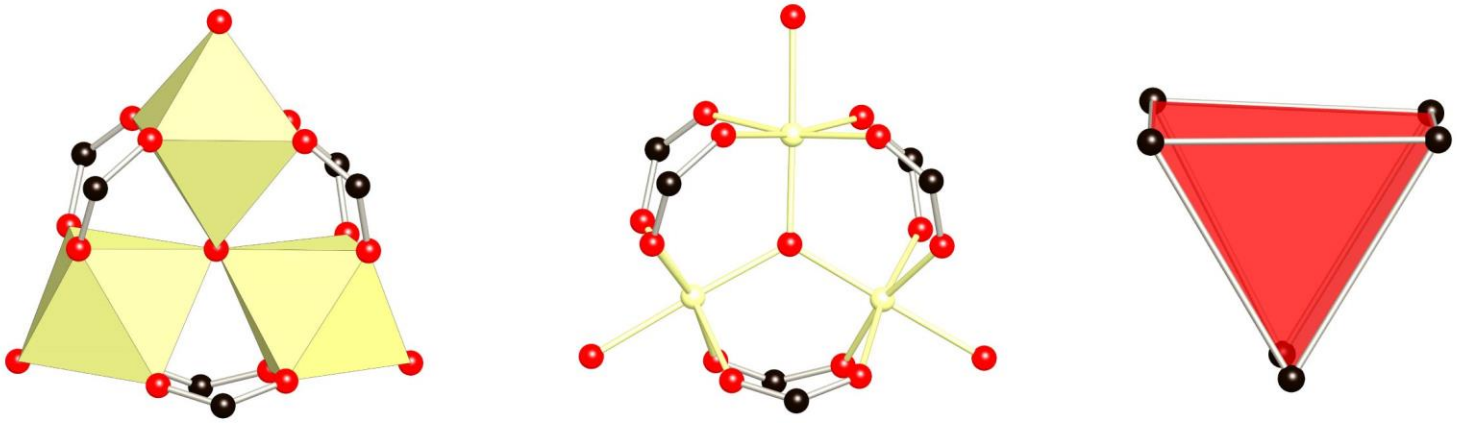
A. D. Burrows et al *J. Organomet. Chem.*, **1993**, 456, p 155



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

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

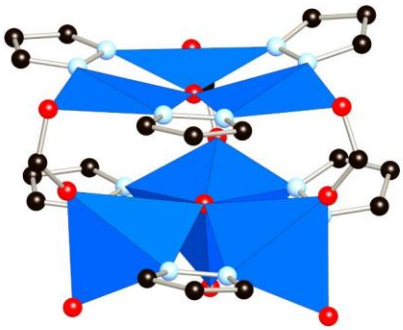
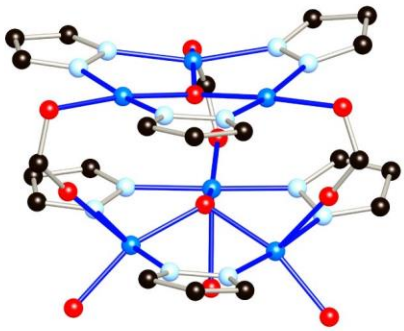
E. V. Dikarev et al *J. Am. Chem. Soc.*, **2006**, 128, p 2814



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

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

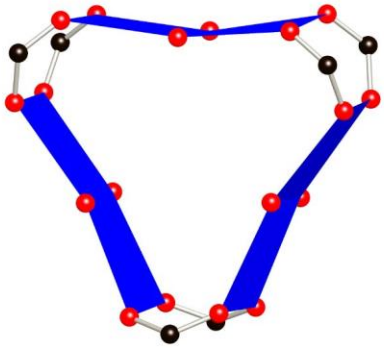
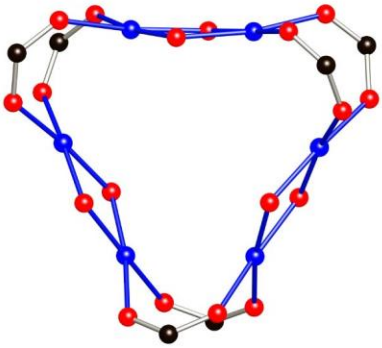
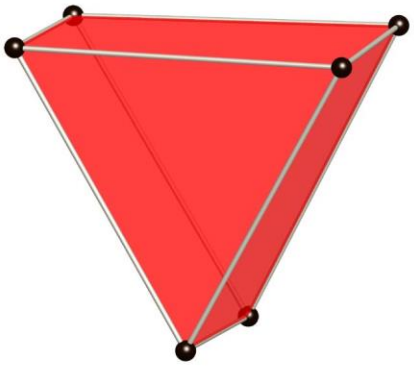
O. Almog et al *Inorg. Chim. Acta*, **1993**, 213, p 99


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

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

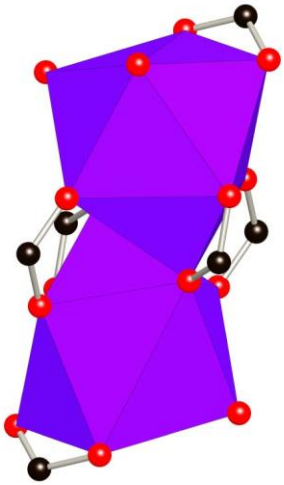
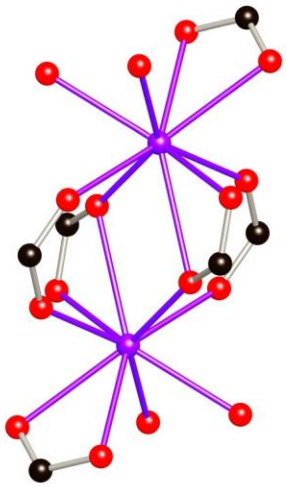
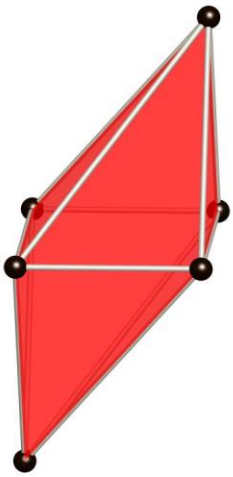
G. Mezei et al *Inorg. Chim. Acta*, **2004**, 357, p 3721

$Cu_6(CO_2)_6(O)_6$

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

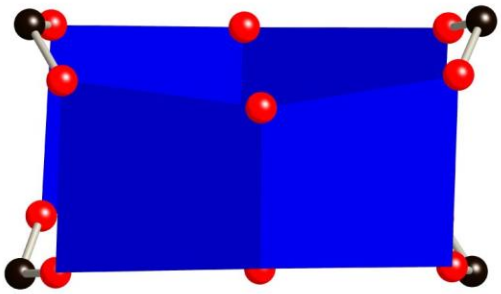
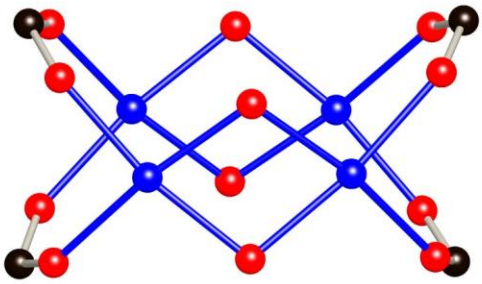
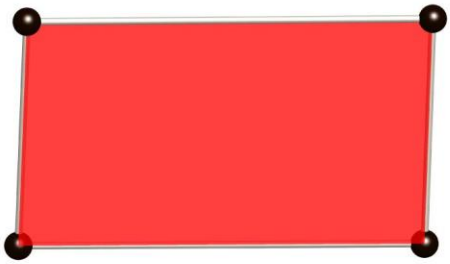
M. Mikuriya et al *Chem. Lett.*, **1999**, p 57

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

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

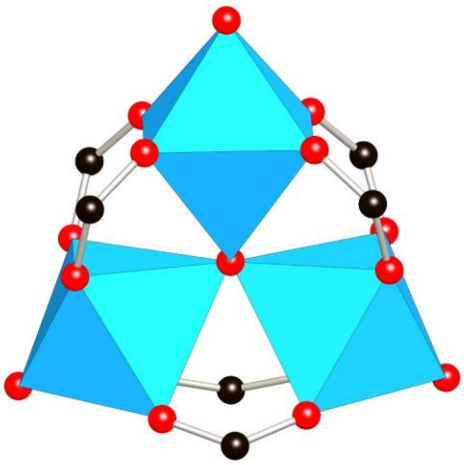
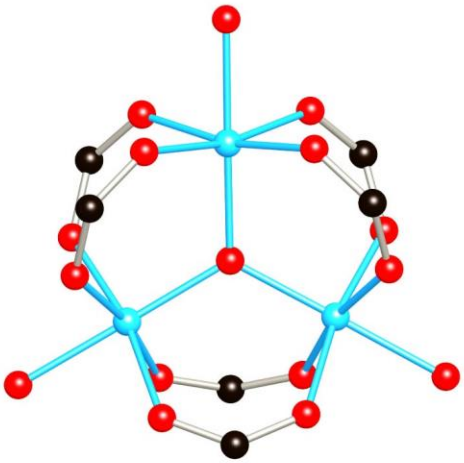
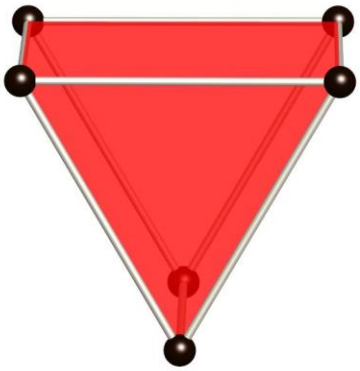
Xia Li et al *Eur. J. Inorg. Chem.*, **2005**, p 2909

$Cu_4(CO_2)_4(O)_4$

$Cu_4(CH_3CO_2)_4(CH_3O)_4$

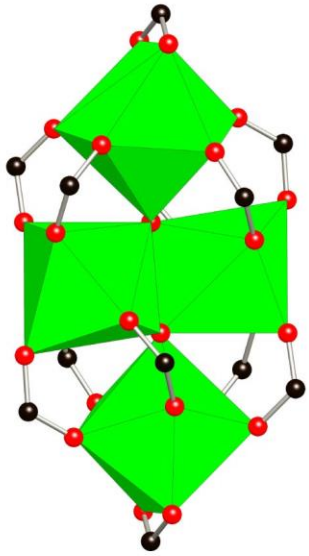
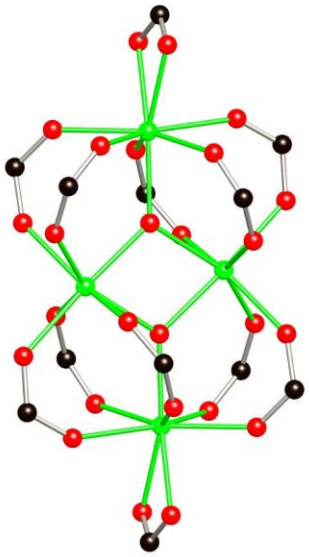
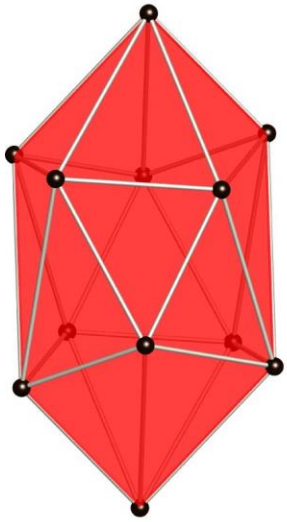
Liang-Ping Wu et al *J. Chem. Soc., Dalton Trans.*, **1996**, p 2179

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

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

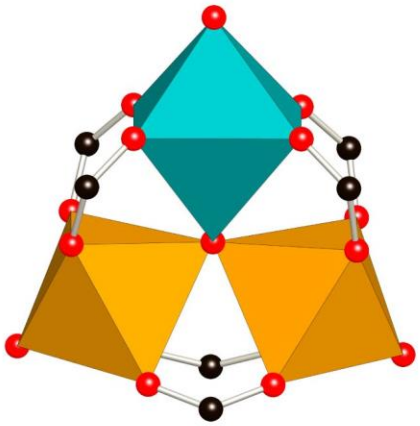
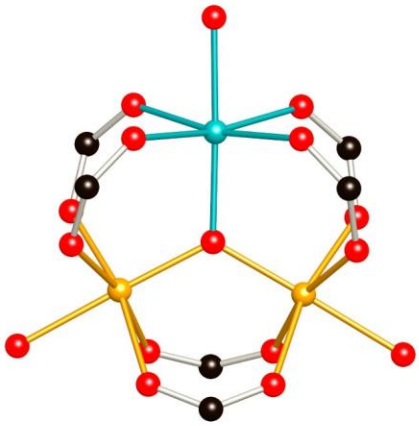
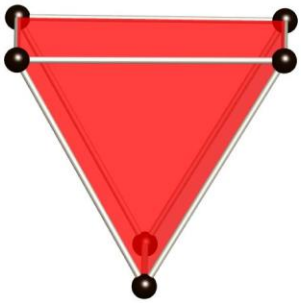
H. Hatop et al *Inorg. Chem.*, **2002**, 41, p 1022

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

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

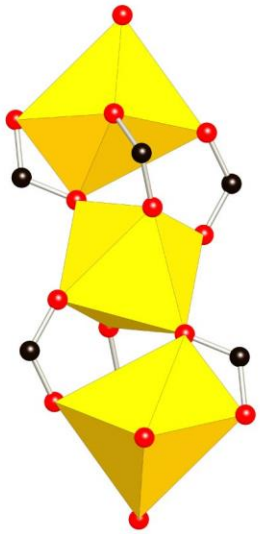
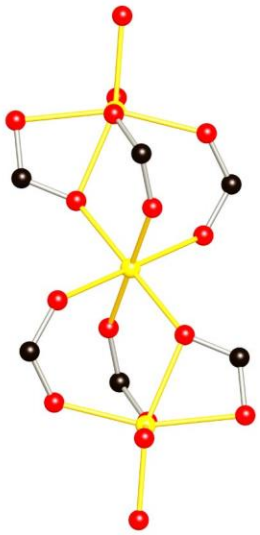
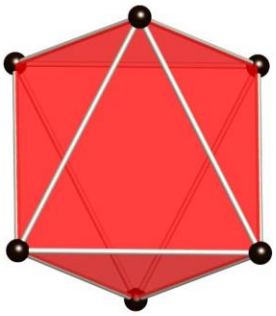
G. Trimmel et al *Appl. Organomet. Chem.*, **2001**, 15, p 401

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

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

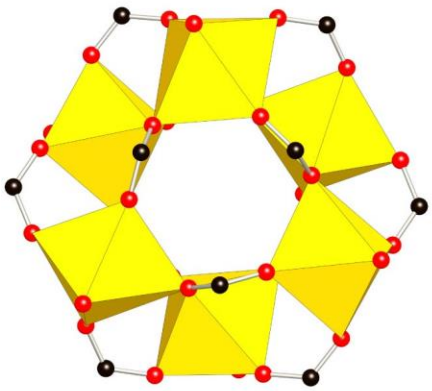
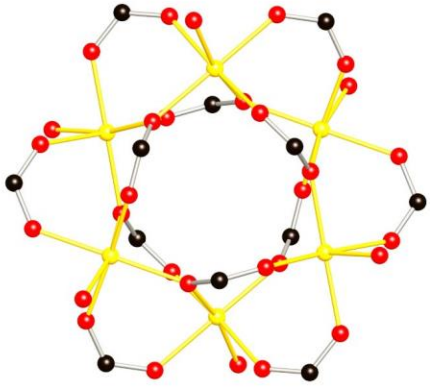
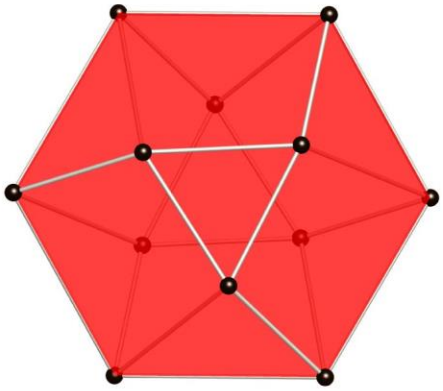
K. S. Gavrilenko et al *Eur. J. Inorg. Chem.*, **2002**, p 3347

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

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

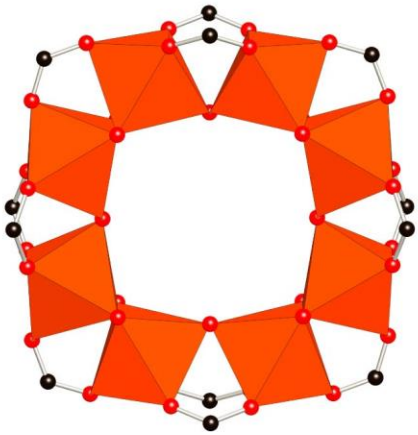
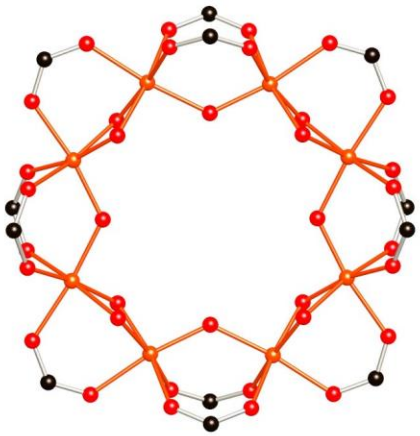
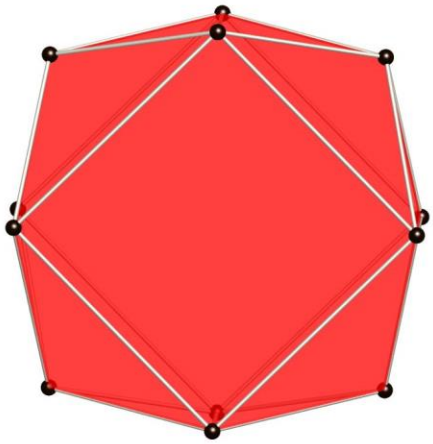
E. N. Coker et al *Polyhedron*, **2004**, 23, p 1739

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

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

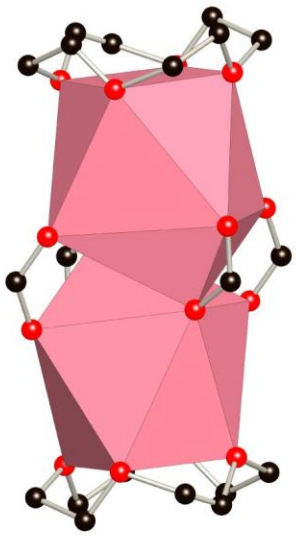
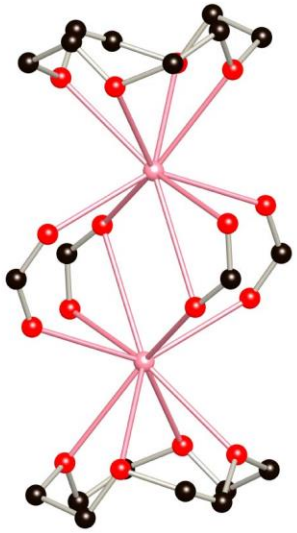
E. N. Coker et al *Polyhedron*, **2004**, 23, p 1739

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

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

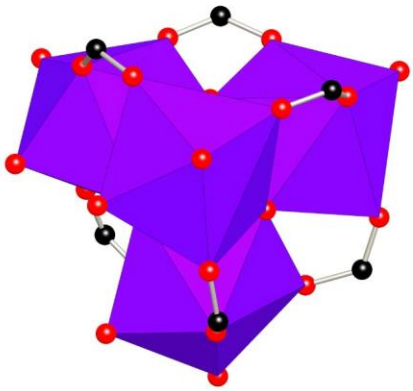
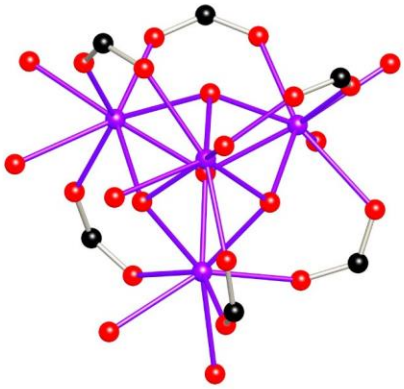
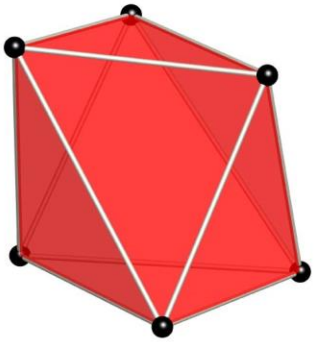
H. Kumagai, S. Kitagawa *Chem. Lett.*, **1996**, p 471


$Ba_2(CO_2)_4(C_2OC_2OC_2OC_2O)_2$

$Ba_2(CF_3CO_2)_4(C_2H_4OC_2H_4OC_2H_4OC_2H_4O)_2$

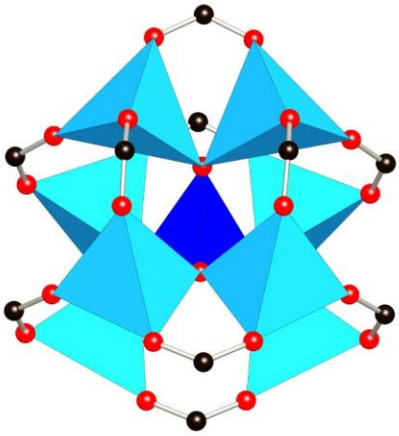
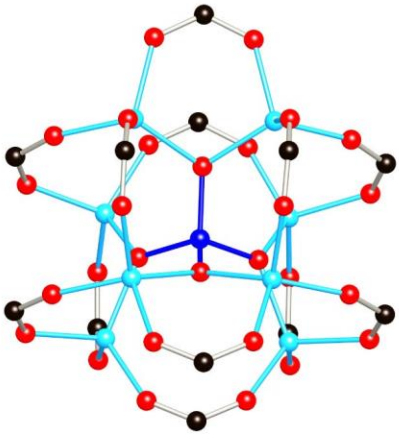
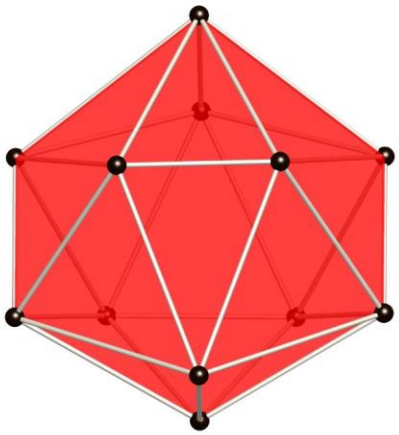
W. A. Wojtczak et al *Inorg. Chem.*, **1998**, 37, p 1781

$Tb_4(CO_2)_6(O)_8$

$Tb_4(H_5C_5NCH_2CO_2)_6(H_2O)_8$

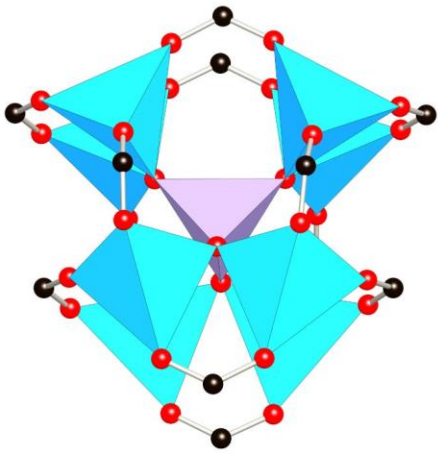
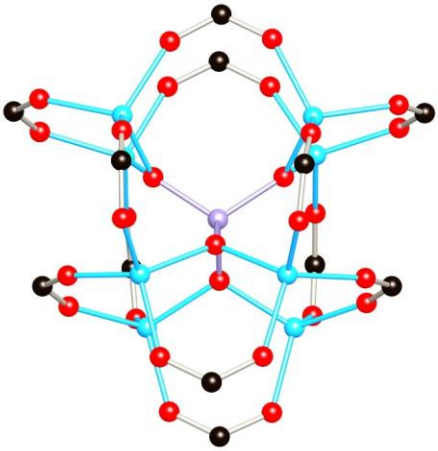
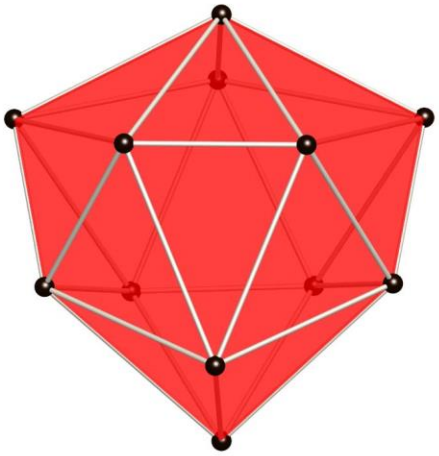
Xiao-Ming Chen et al *Polyhedron*, **1997**, 16, p 4265

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

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

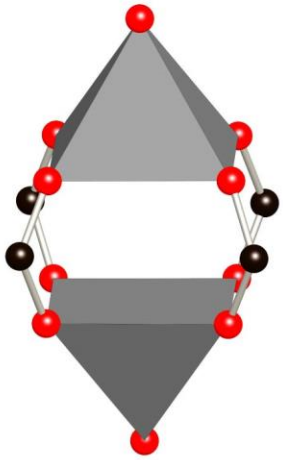
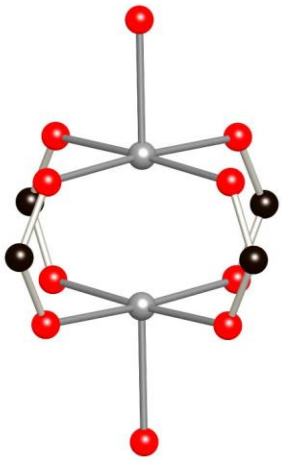
S. Y. Yang et al *Chem. Mater.*, **2002**, 14, p 3229

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

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

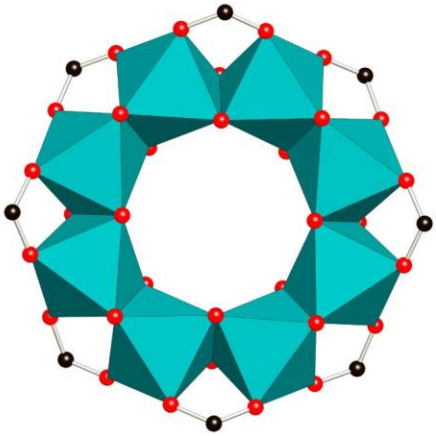
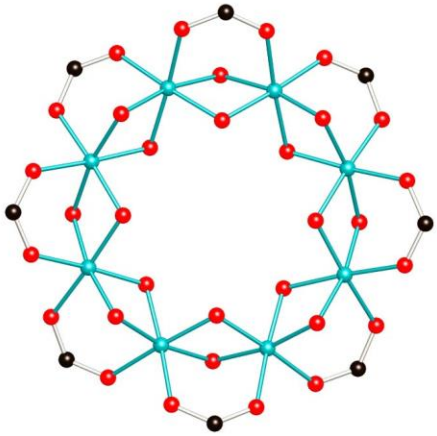
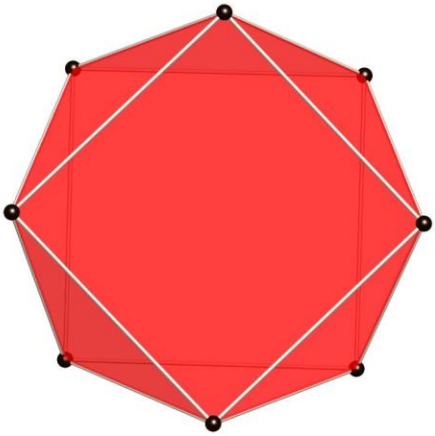
Jinxi Chen et al *Chem. Lett.*, **2003**, 32, p 474


$Pt_2(CO_2)_4(O)_2$

$Pt_2(CH_3CO_2)_4(H_2O)_2$

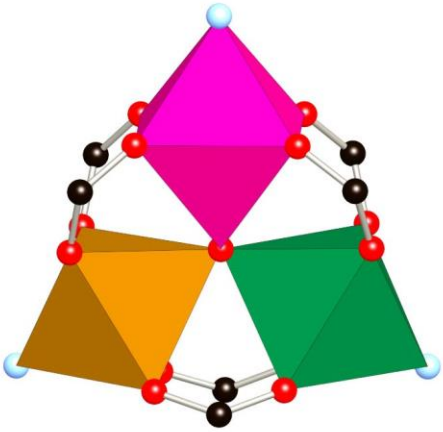
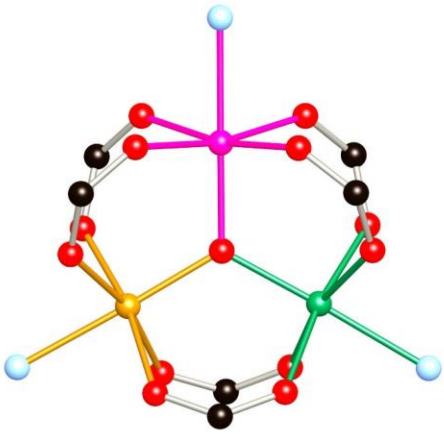
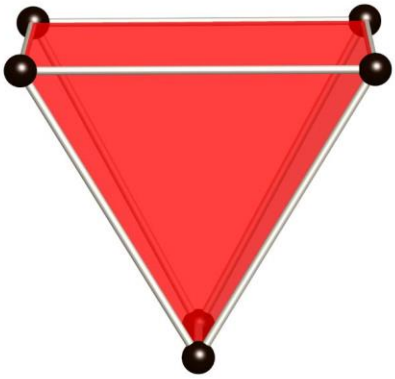
T. G. Appleton et al *J. Am. Chem. Soc.*, **1992**, 114, p 7305

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

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

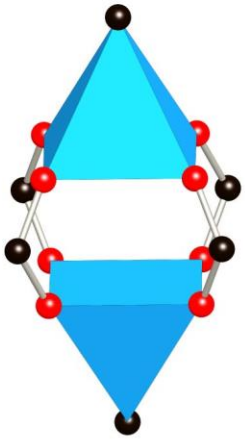
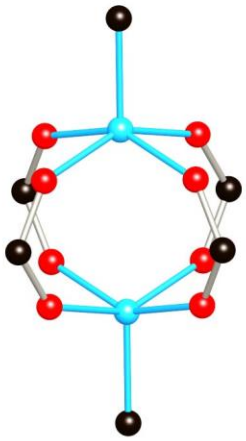
J. K. Beattie et al *Chem. Commun.*, **1998**, p 45

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

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

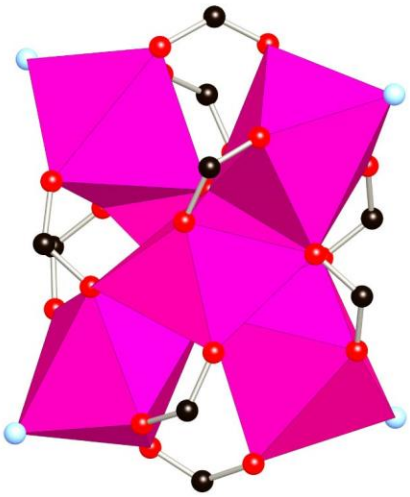
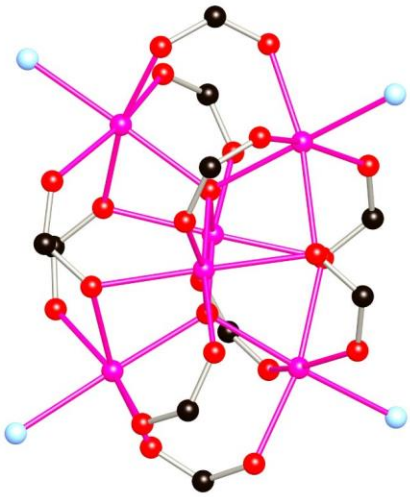
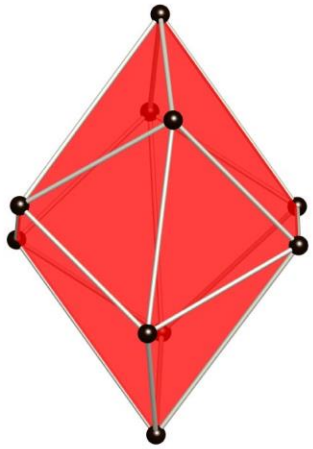
A. B. Blake et al *J. Chem. Soc., Dalton Trans.*, **1998**, p 45


$Al_2(CO_2)_4(C)_2$

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

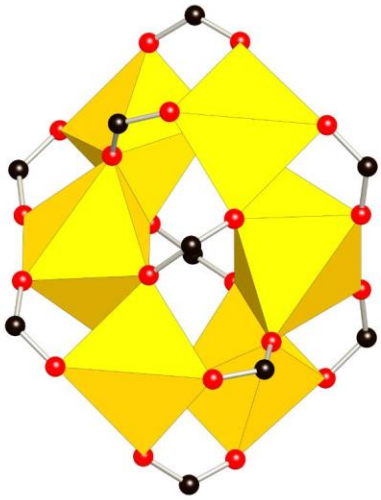
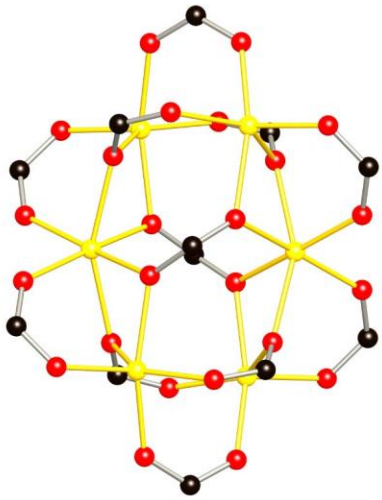
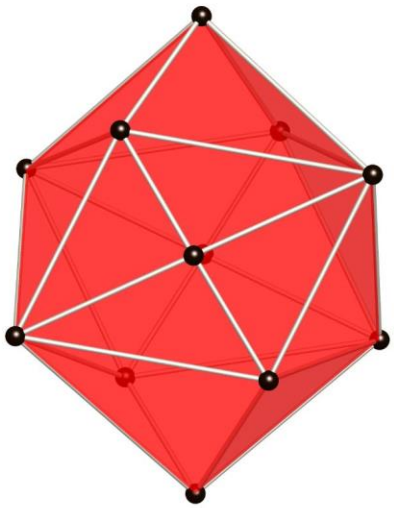
K. Knabel et al *Eur. J. Inorg. Chem.*, **1998**, p 1095

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

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

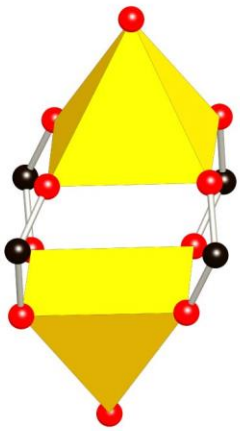
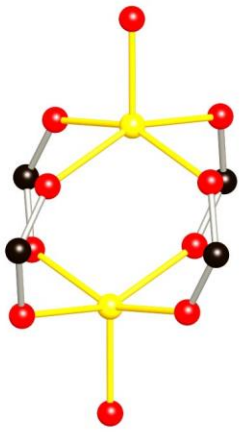
P. Karsten, J. Strahle *Acta Crystallogr., Sect. C*, **1998**, 54, p 1403

$Mg_6(CO_2)_{12}$

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

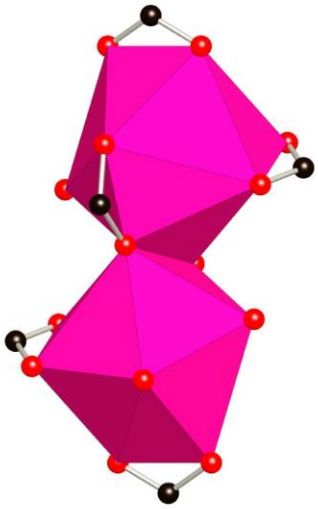
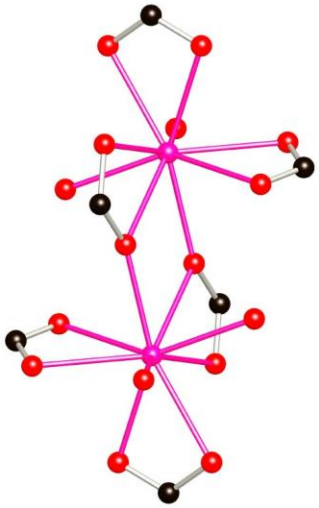
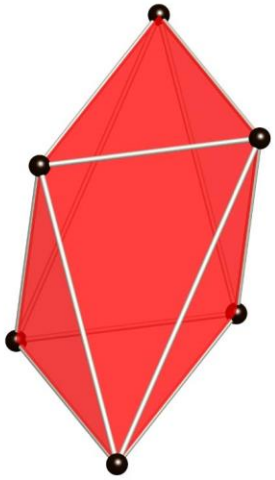
Kuo-Ching Yang et al *Organometallics*, **2001**, 20, p 126


$Mg_2(CO_2)_4(O)_2$

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

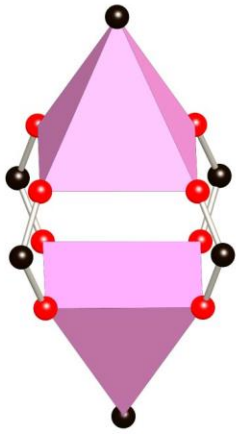
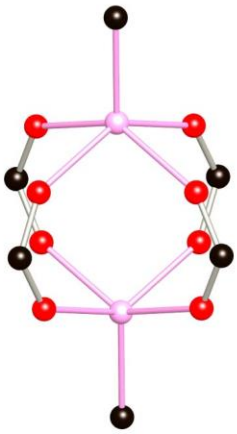
Kuo-Ching Yang et al *Organometallics*, **2001**, 20, p 126

$Sm_2(CO_2)_6(O)_4$

$Sm_2(CH_3CO_2)_6(H_2O)_4$

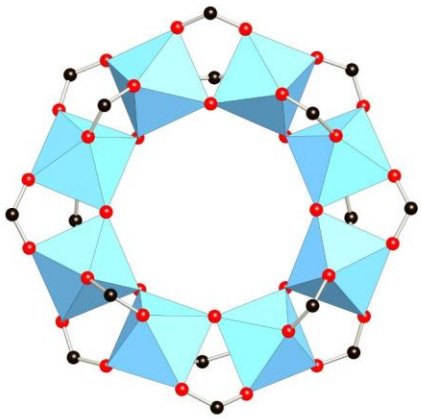
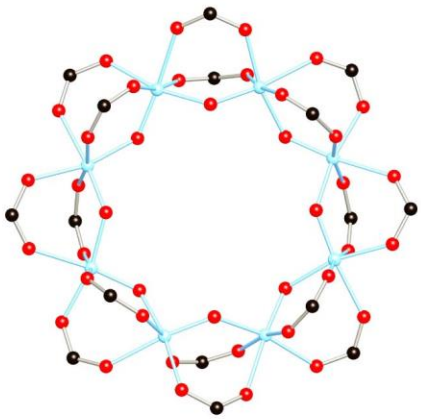
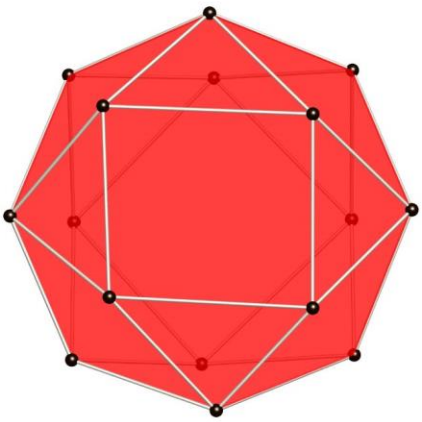
P. C. Junk et al *Aust. J. Chem.*, **1999**, 52, p 437


$In_2(CO_2)_4(C)_2$

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

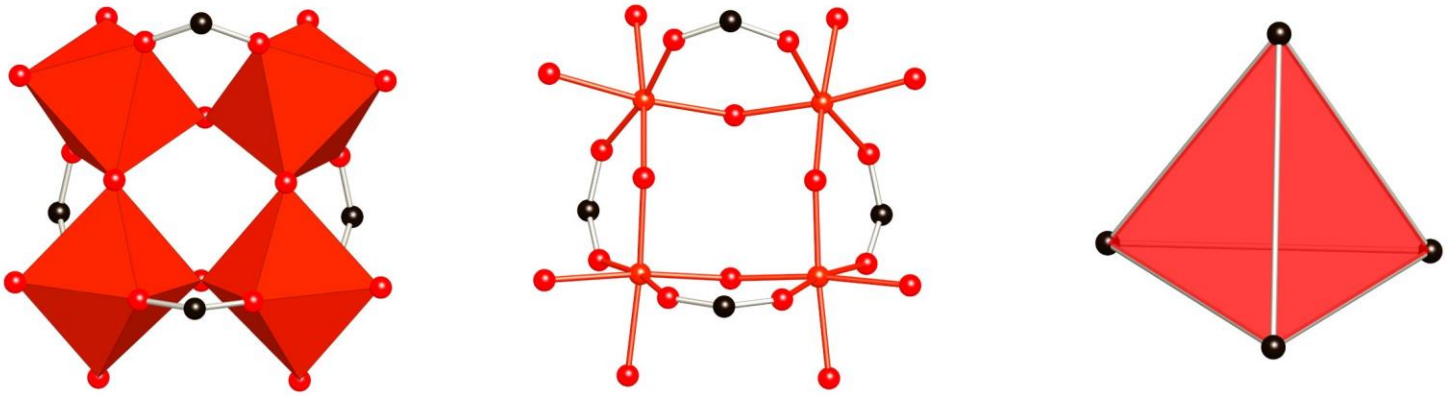
W. Uhl et al *Z. Anorg. Allg. Chem.*, **1997**, 623, p 883

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

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

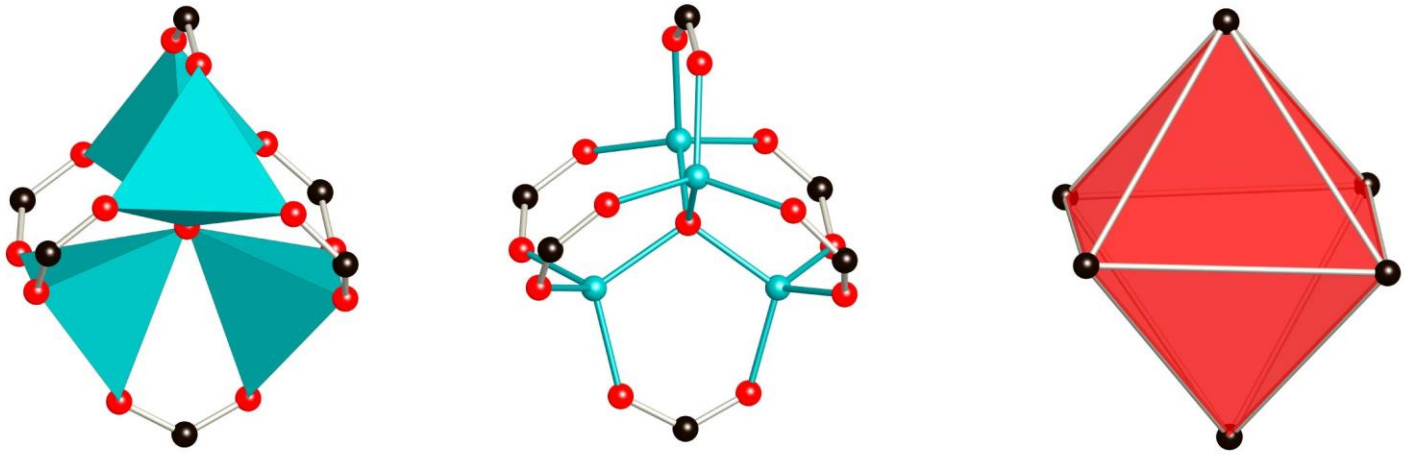
P. Piszczek et al *Polyhedron*, **2005**, 24, p 663



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

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

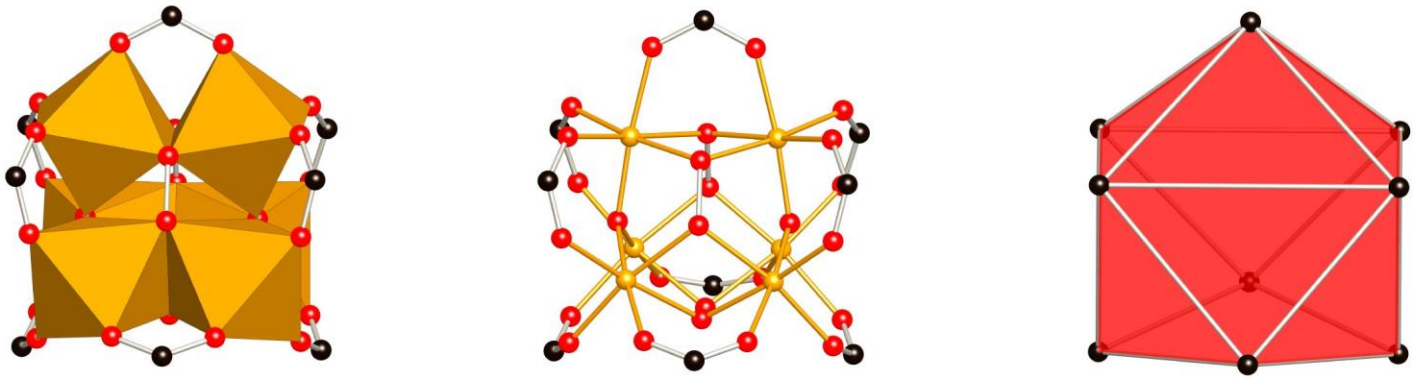
F. H. Fry et al *Inorg. Chem.*, **2005**, 44, p 5197



$Co_4(CO_2)_6(O)$

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

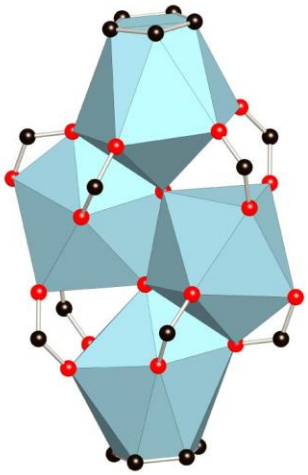
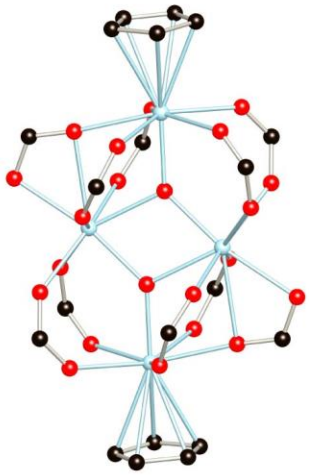
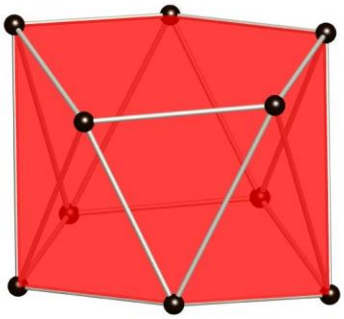
P. Jaitner et al *Chem. Commun.*, **1997**, p 1245



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

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

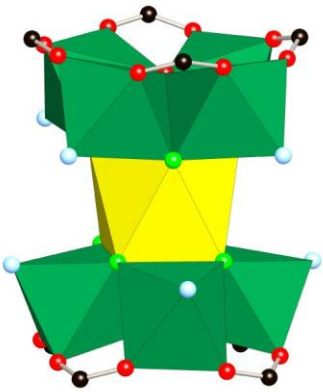
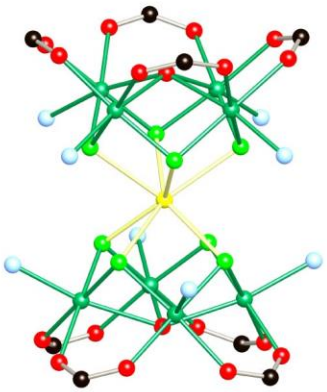
I. Shweky et al *J. Am. Chem. Soc.*, **1997**, 119, p 1037

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

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

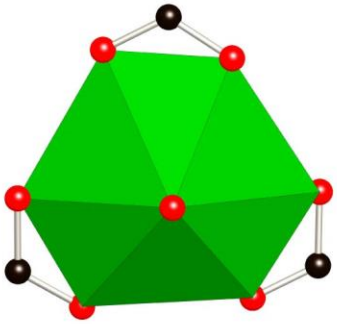
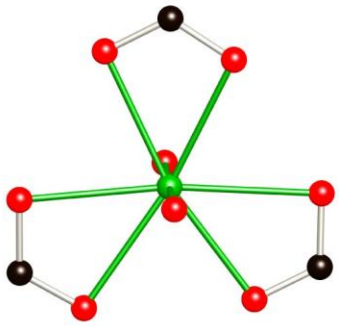
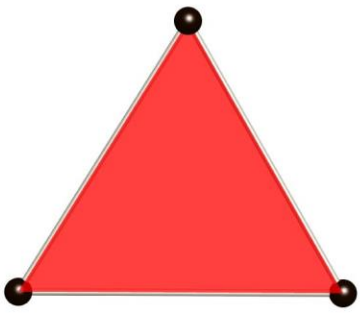
N. Brianese et al *J. Organomet. Chem.*, **1989**, 365, p 223


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

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

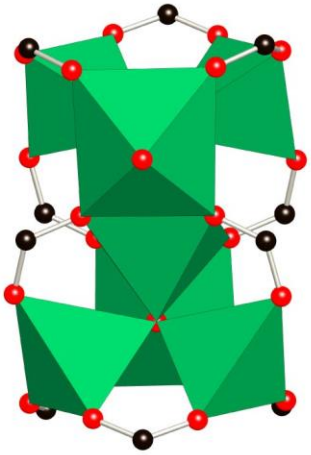
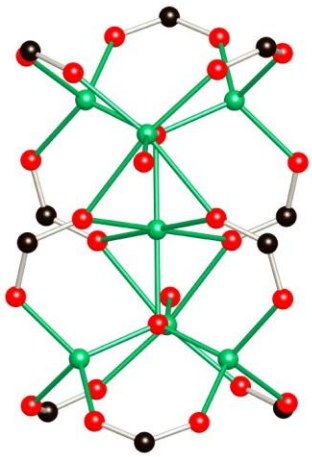
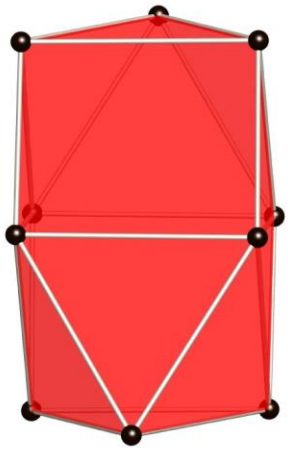
A. Bell et al *Chem. Commun.*, **2005**, p 2808

$Np(CO_2)_3(O)_2$

$Np(CH_3CO_2)_3(O)_2$

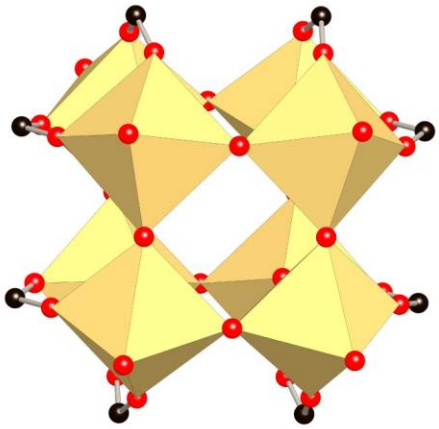
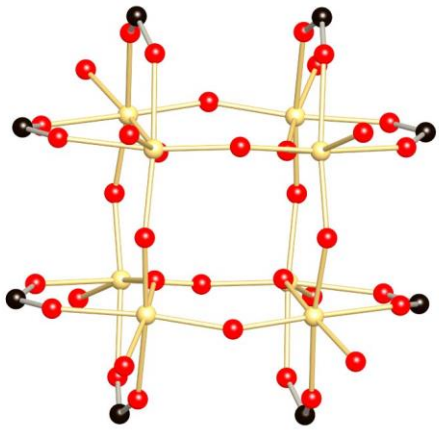
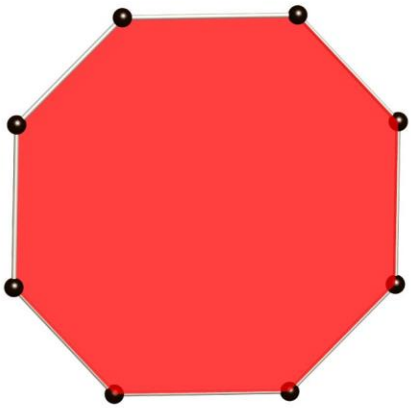
I. A. Charushnikova et al *Koord. Khim.(Russ.)(Coord. Chem.)*, **2005**, 31, p 636

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

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

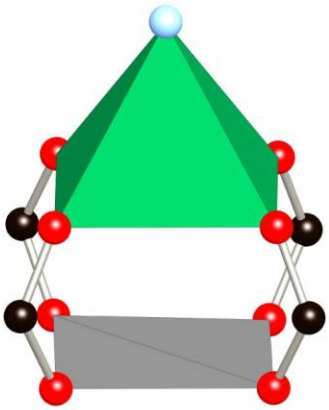
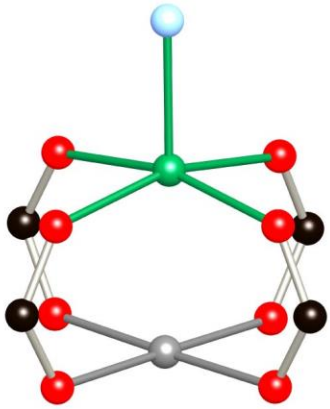
H. Ackermann et al *Z. Naturforsch.,B:Chem.Sci.*, **1998**, 53, p 1241

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

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

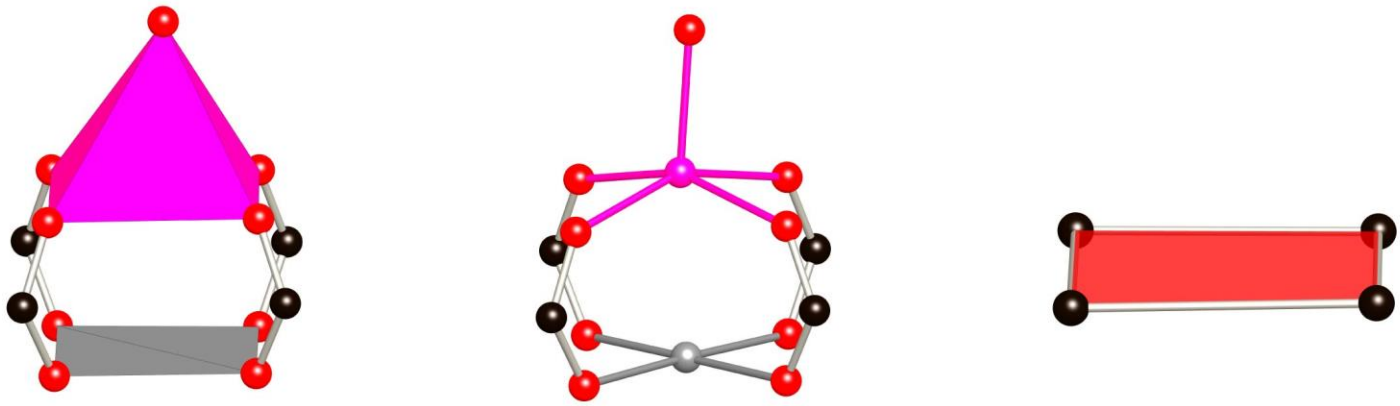
P. B. Arimondo et al *Inorg. Chem.*, **1998**, 37, p 5507


$PdCo(CO_2)_4(N)$

$PdCo(CH_3CO_2)_4(CH_3CN)$

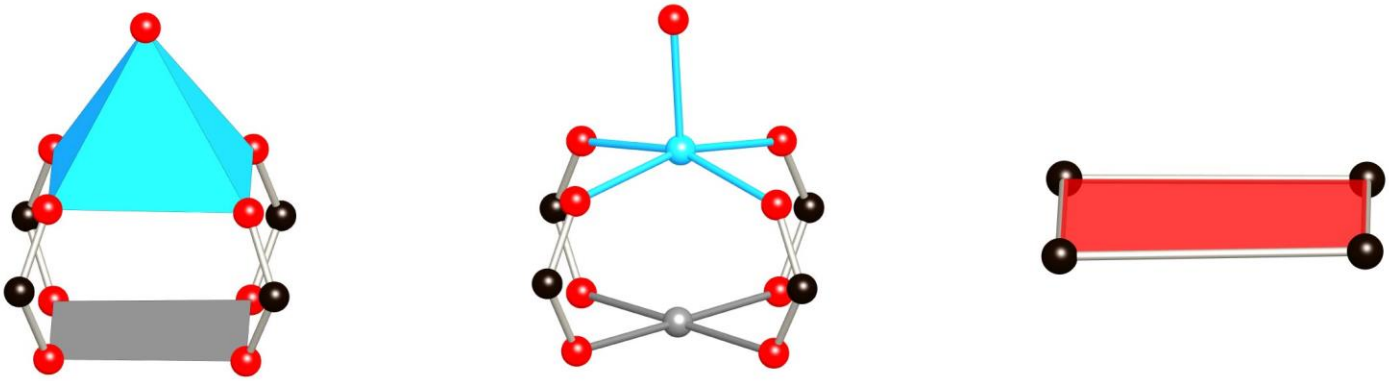
N. Yu. Kozitsyna et al *Inorg. Chim. Acta*, **2006**, 359, p 2072



$PdMn(CO_2)_4(O)$

$PdMn(CH_3CO_2)_4(H_2O)$

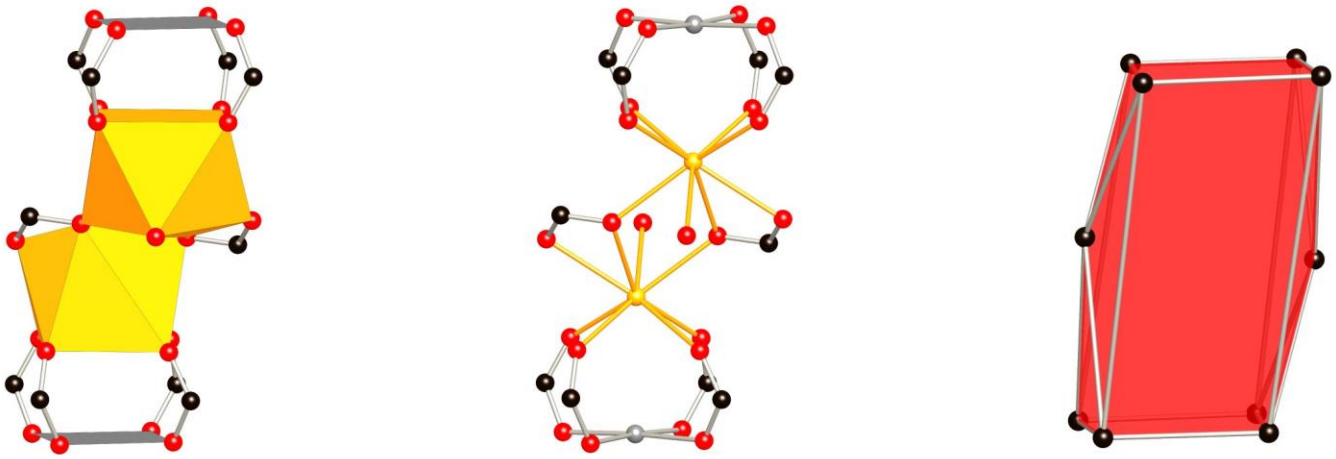
N. Yu. Kozitsyna et al *Inorg. Chim. Acta*, **2006**, 359, p 2072



$PdZn(CO_2)_4(O)$

$PdZn(CH_3CO_2)_4(H_2O)$

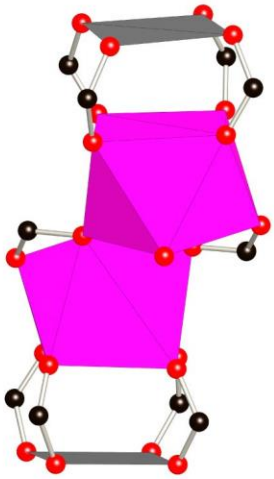
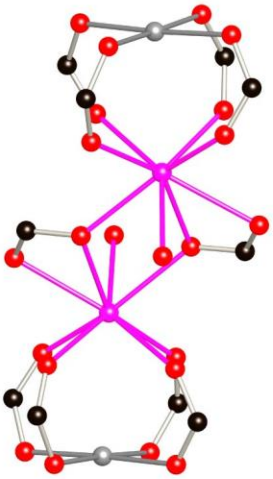
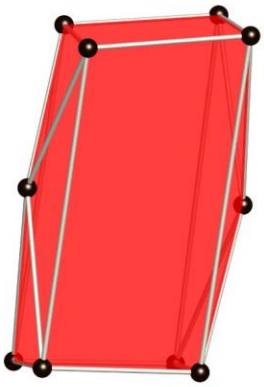
N. Yu. Kozitsyna et al *Inorg. Chim. Acta*, **2006**, 359, p 2072



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

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

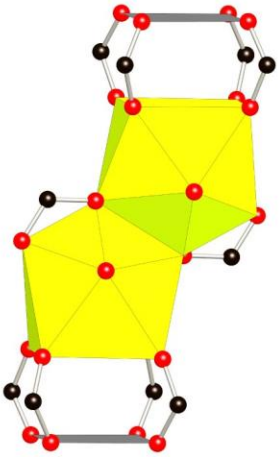
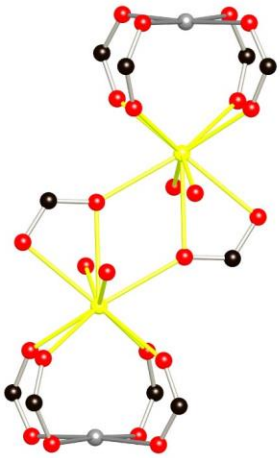
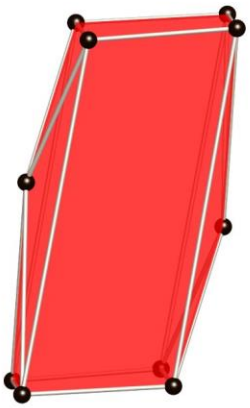
N. Yu. Kozitsyna et al *Inorg. Chim. Acta*, **2006**, 359, p 2072

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

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

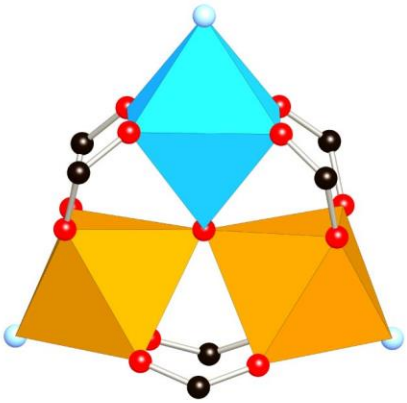
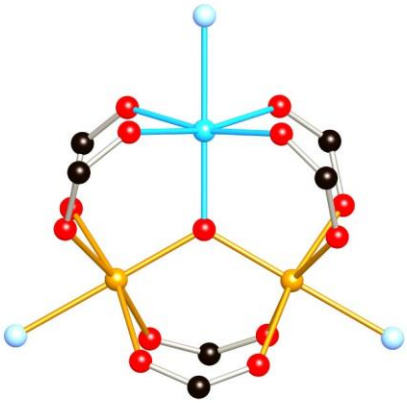
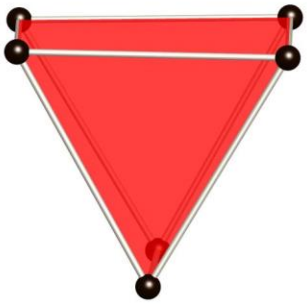
N. Yu. Kozitsyna et al *Inorg. Chim. Acta*, **2006**, 359, p 2072

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

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

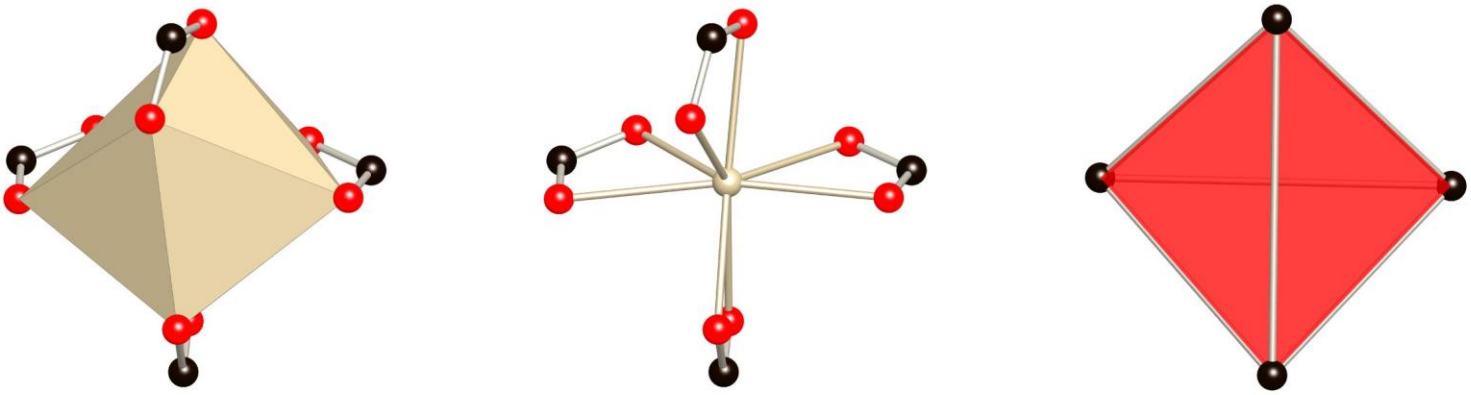
N. Yu. Kozitsyna et al *Inorg. Chim. Acta*, **2006**, 359, p 2072

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

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

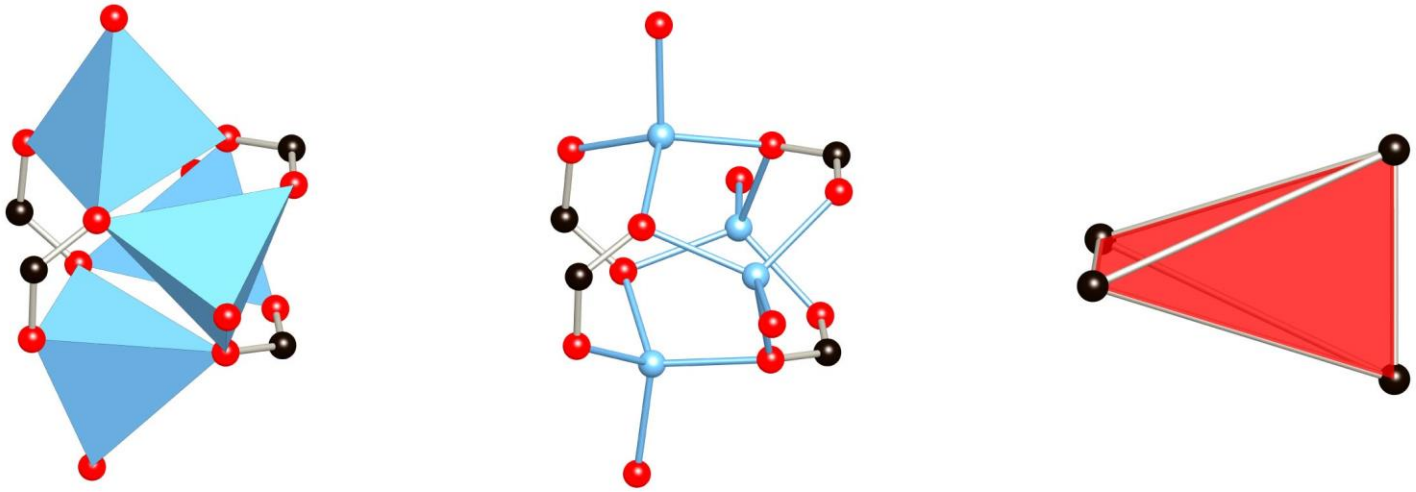
B. Singh et al *J. Am. Chem. Soc.*, **1997**, 119, p 7030



$Tl(CO_2)_4$

$Tl(CH_3CO_2)_4$

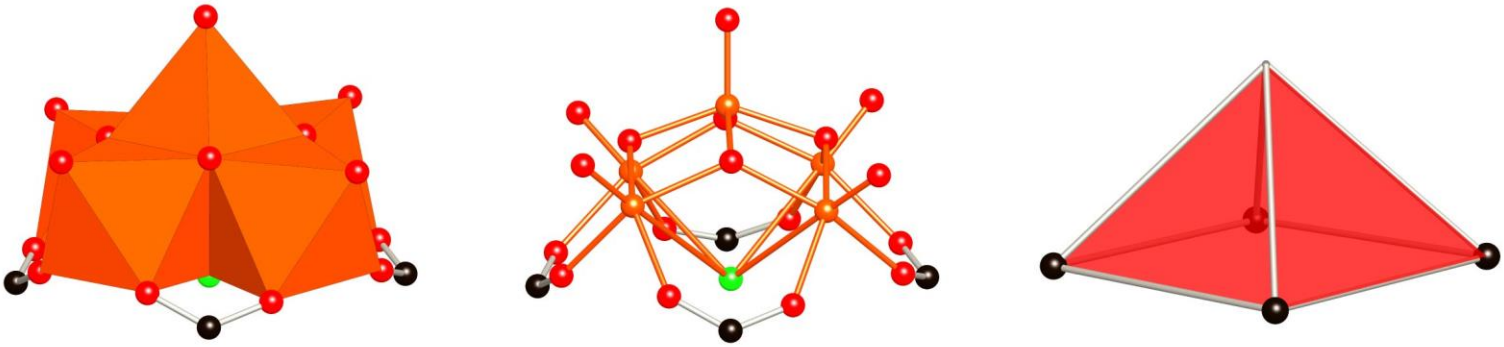
I. D. Brown, R. Faggiani *Acta Crystallogr. Sect. B*, **1980**, 36, p 1802



$Li_4(CO_2)_4(O)_4$

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

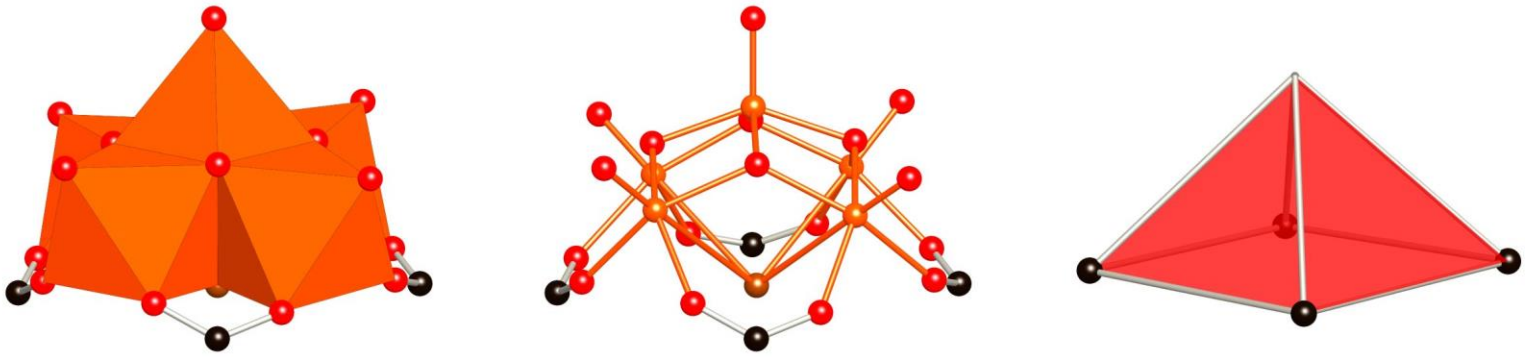
R. P. Davies et al *Organometallics*, **1996**, 15, p 4355



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

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

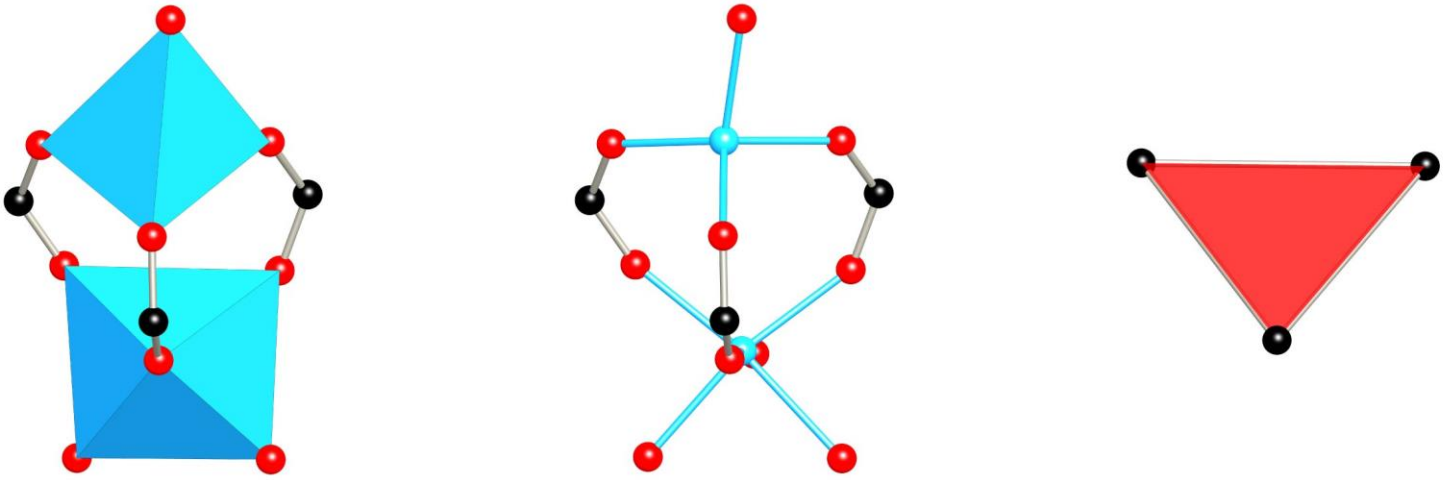
G. B. Karet et al *Inorg. Chem.*, **1996**, 35, p 6450



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

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

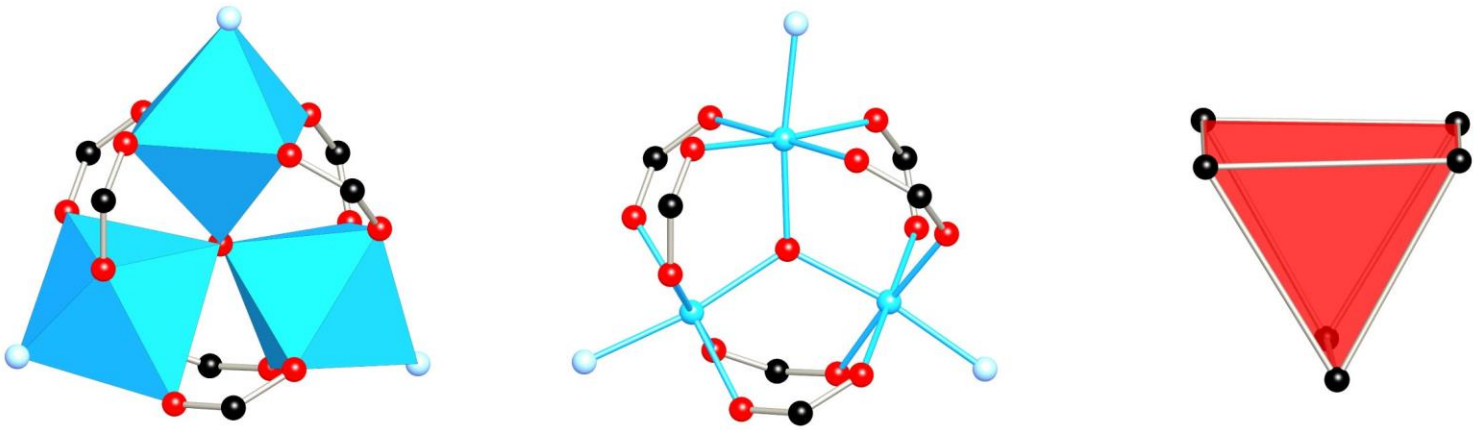
G. B. Karet et al *Inorg. Chem.*, **1996**, 35, p 6450



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

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

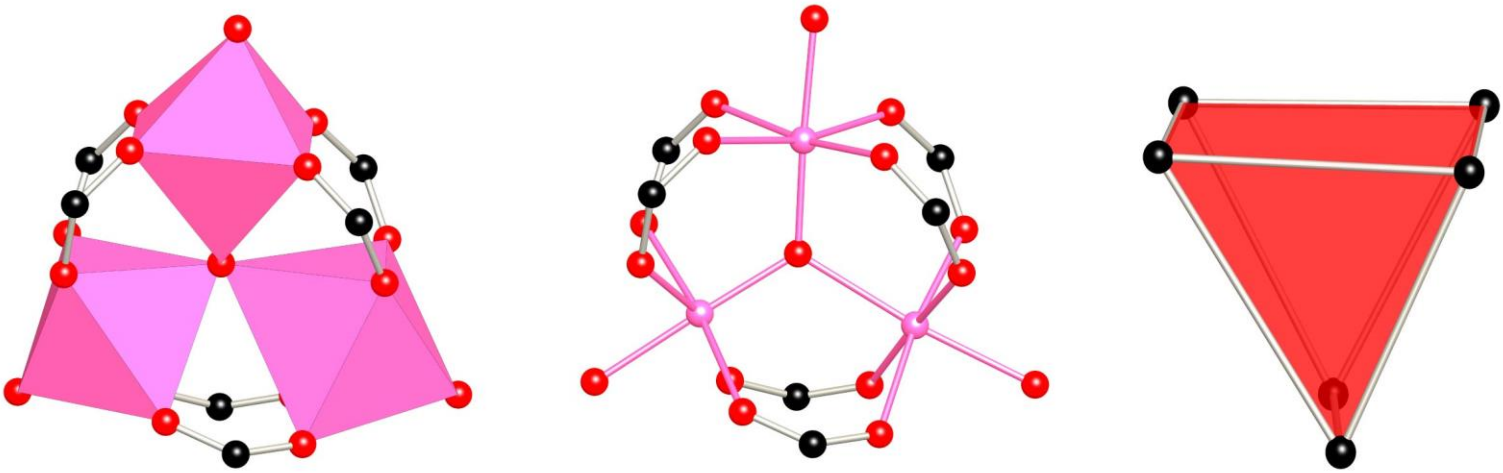
D. J. Darensbourg et al *Inorg. Chem.*, **2002**, 41, p 973



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

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

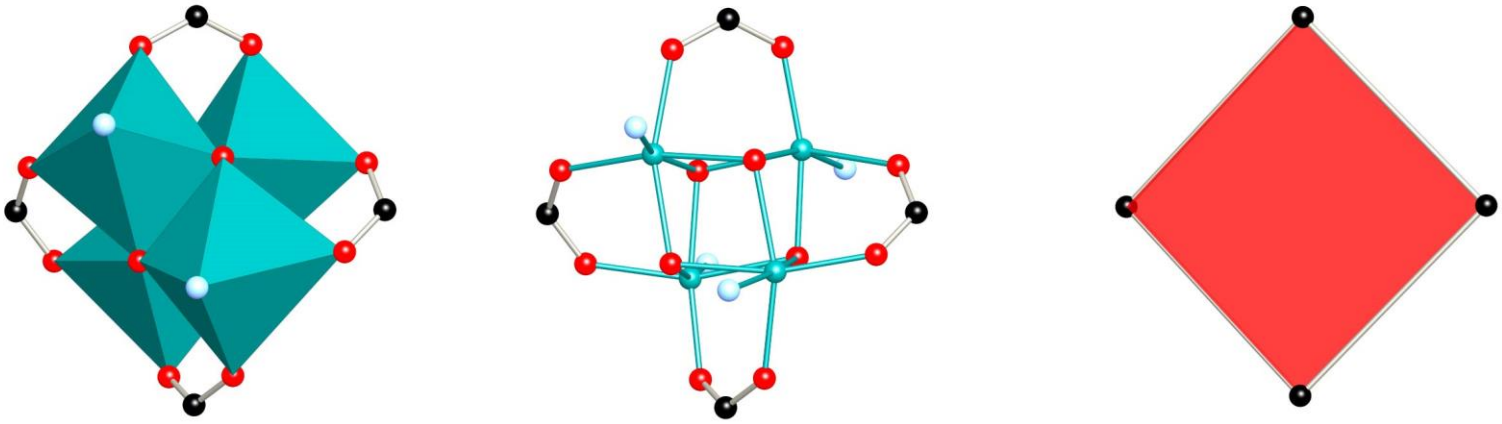
J. S. Seo et al *Nature*, **2000**, 404, p 982



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

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

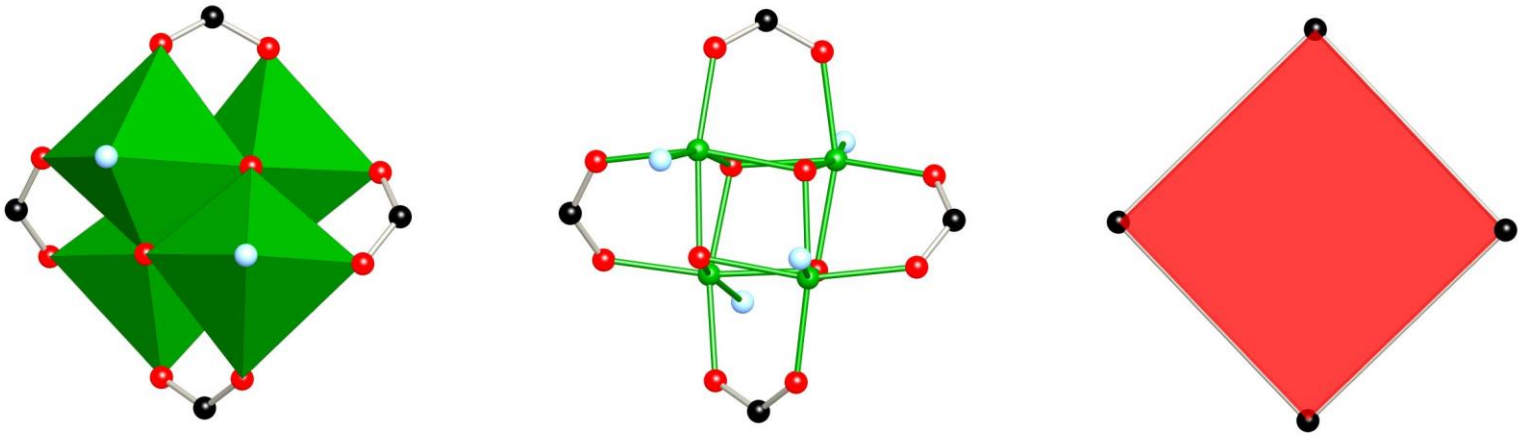
Jinkwon Kim et al *Eur. J. Inorg. Chem.*, **2003**, p 2563



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

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

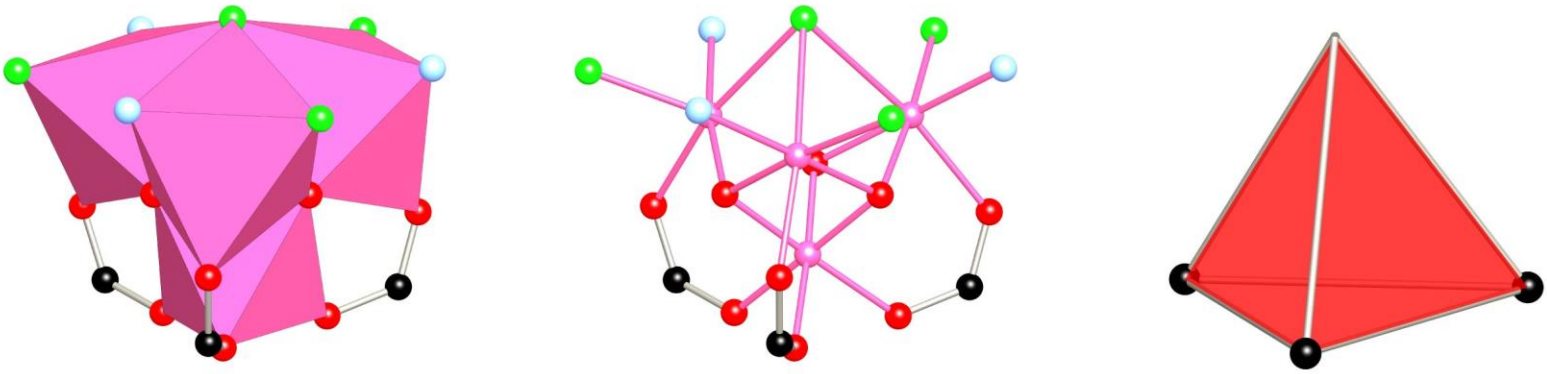
G. Aromi et al *Dalton Trans.*, **2003**, p 4466



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

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

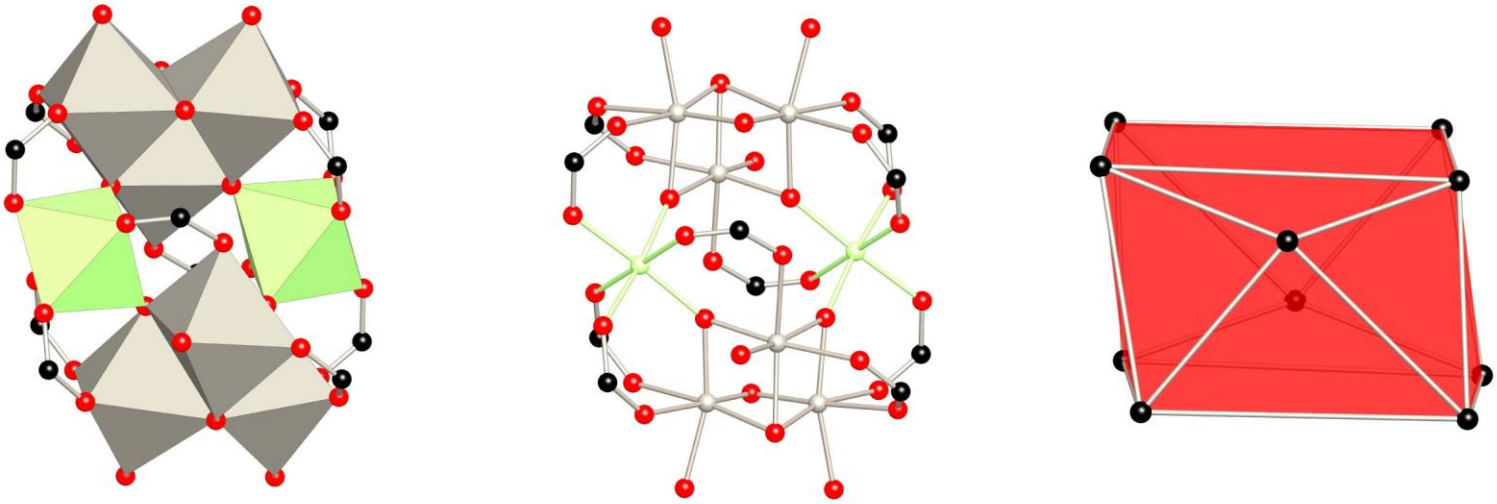
G. Aromi et al *Dalton Trans.*, **2003**, p 4466



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

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

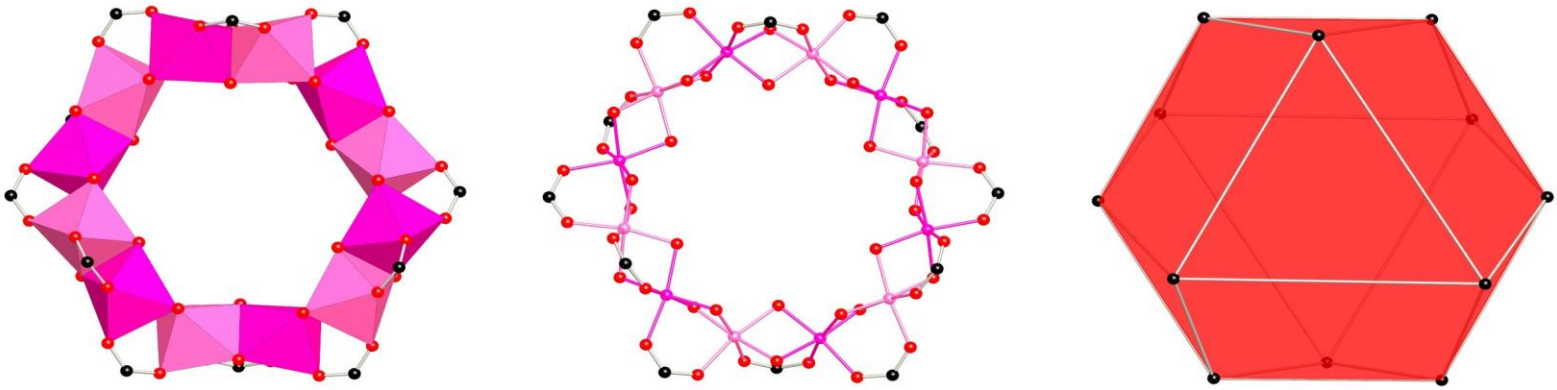
D. N. Hendrickson et al *J. Am. Chem. Soc.*, **1992**, 114, p 2455



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

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

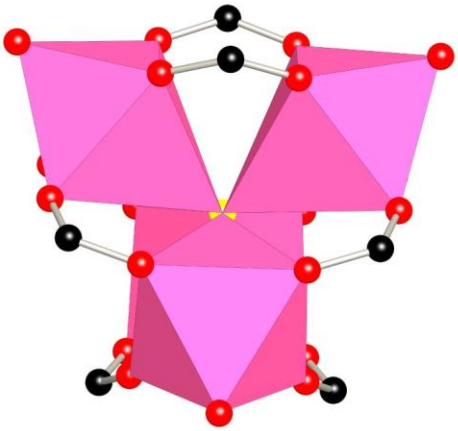
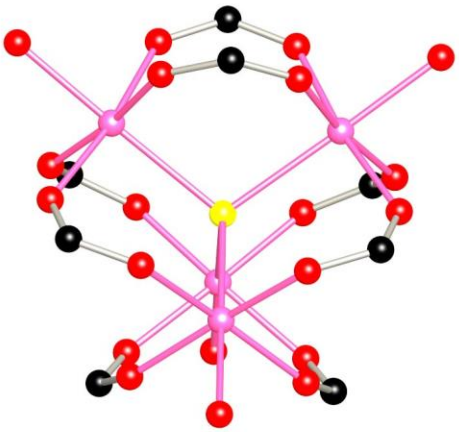
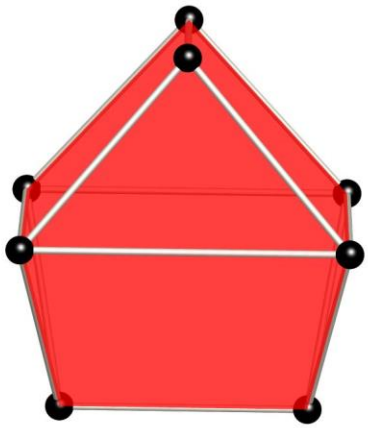
Yong Cui et al *Inorg. Chim. Acta*, **1998**, 277, p 130



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

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

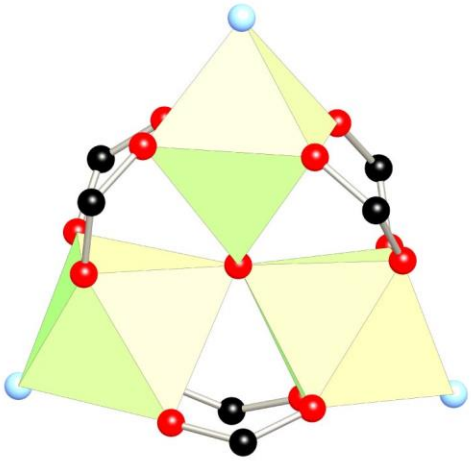
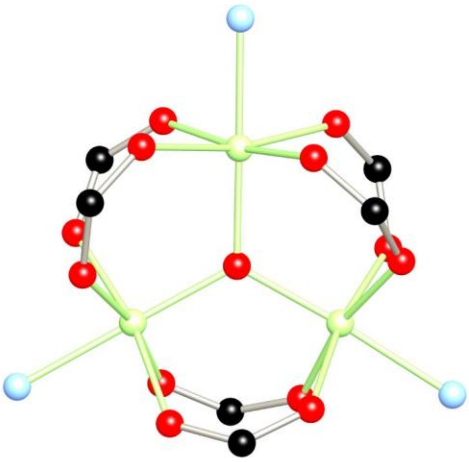
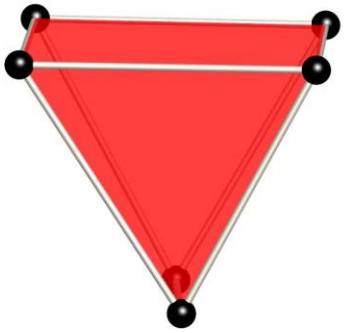
M. Helliwell et al *Inorg. Chim. Acta*, **2003**, 354, p 49

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

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

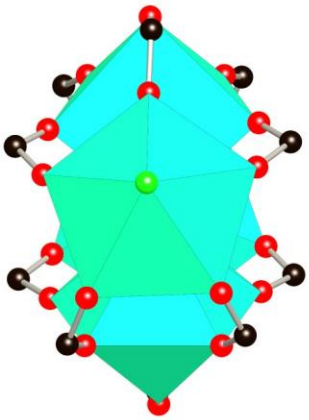
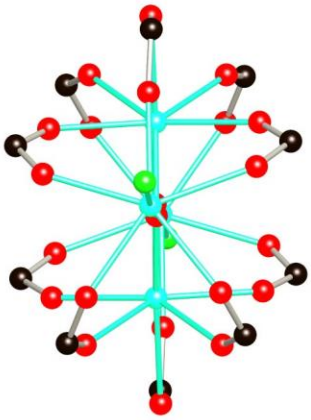
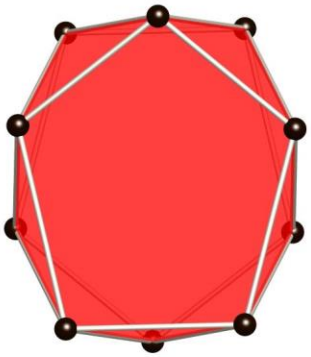
A. Bino et al *Science*, **1988**, 241, p 1479

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

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

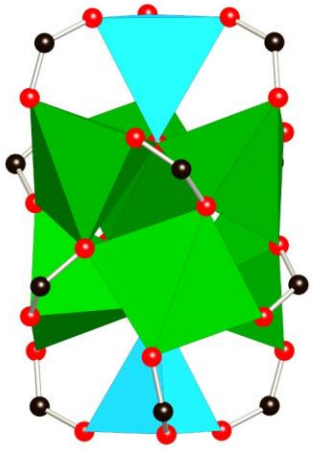
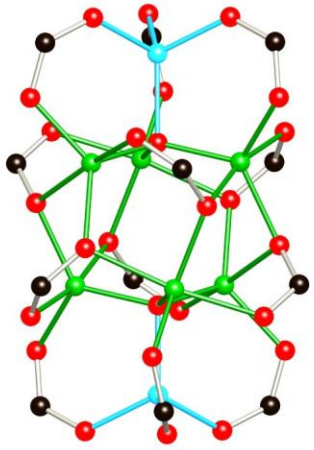
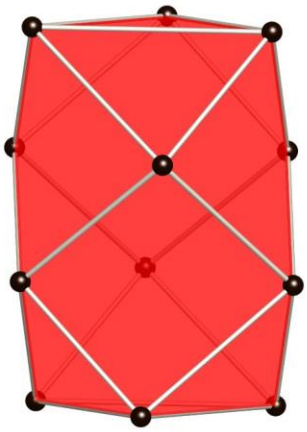
M. T. Andras et al *J. Am. Chem. Soc.*, **1992**, 114, p 786

$Ni_6Zn_2(CO_2)_{12}$

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

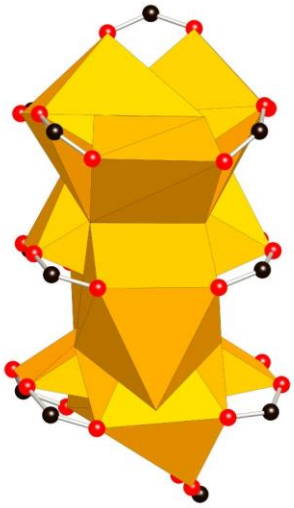
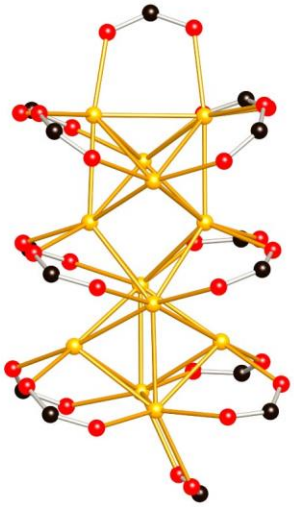
A. Bacchi et al *Gazz. Chim. Ital.*, **1992**, 122, p 429

$Ni_6Zn_2(CO_2)_{12}$

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

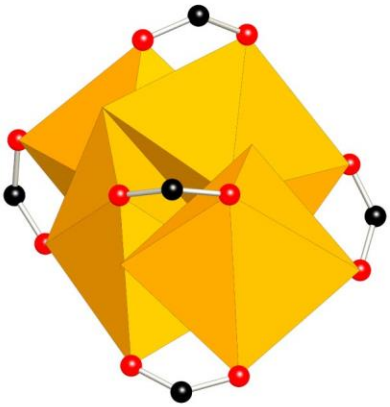
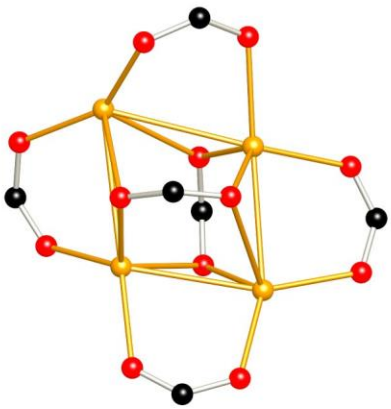
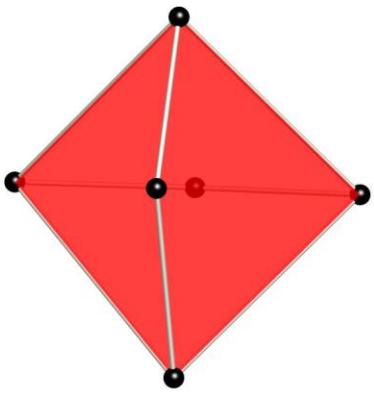
A. Bacchi et al *Gazz. Chim. Ital.*, **1992**, 122, p 429


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

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

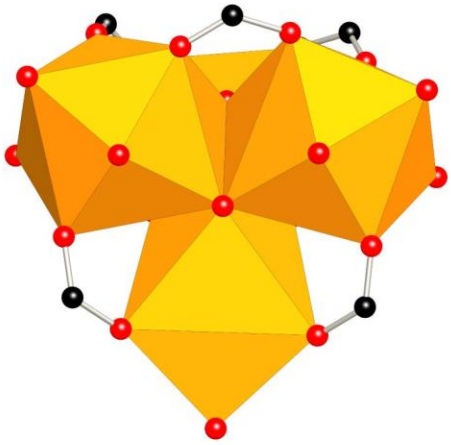
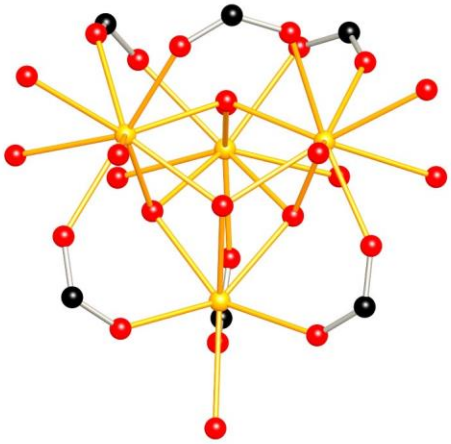
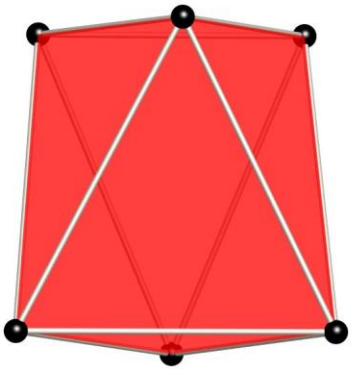
P. Reiss et al *Angew. Chem., Int. Ed.*, **2000**, 39, p 3925

$Ag_4(CO_2)_6$

$Ag_4(CF_3CO_2)_6$

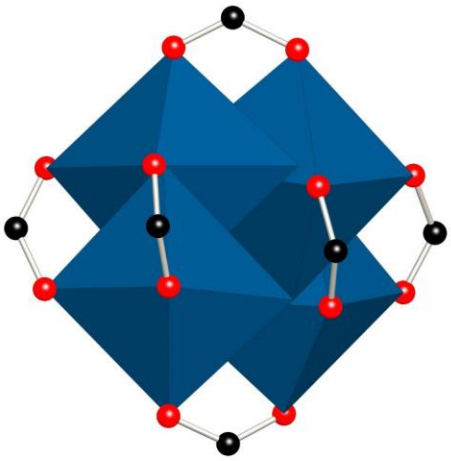
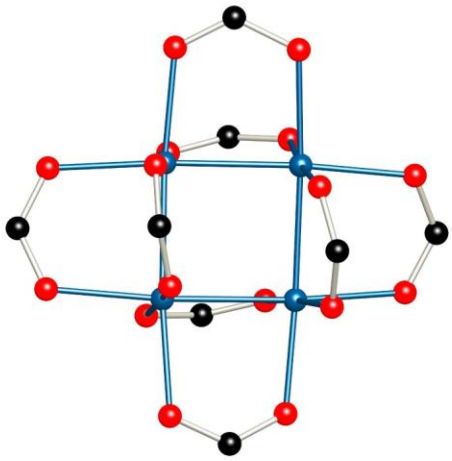
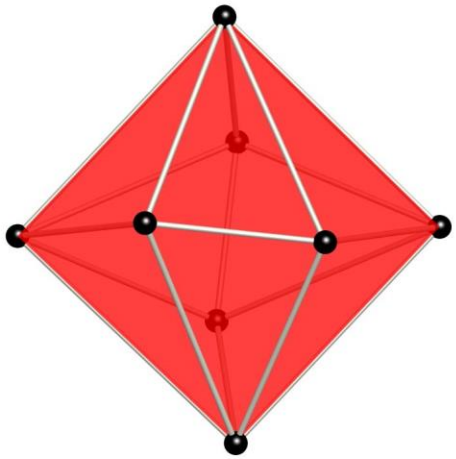
Man Shing Wong et al *J. Org. Chem.*, **2006**, 71, p 940

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

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

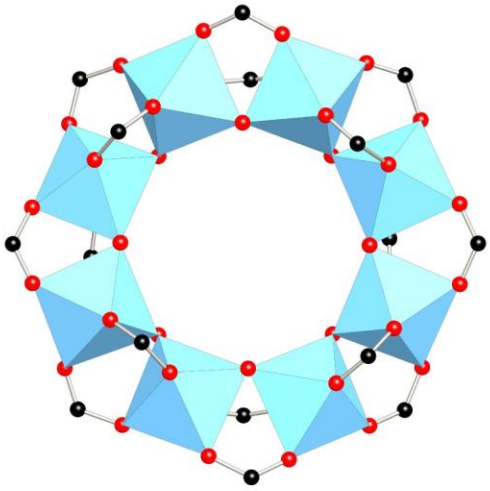
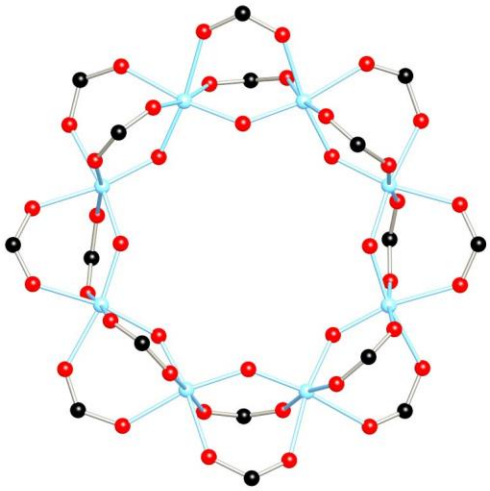
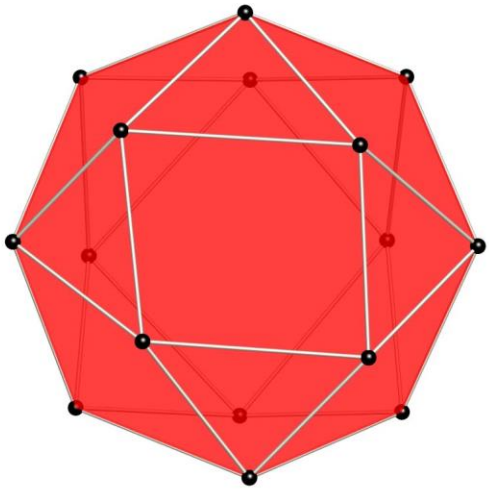
Ruiyao Wang et al *Inorg. Chem.*, **2001**, 40, p 2743

$Pt_4(CO_2)_8$

$Pt_4(CF_3CO_2)_8$

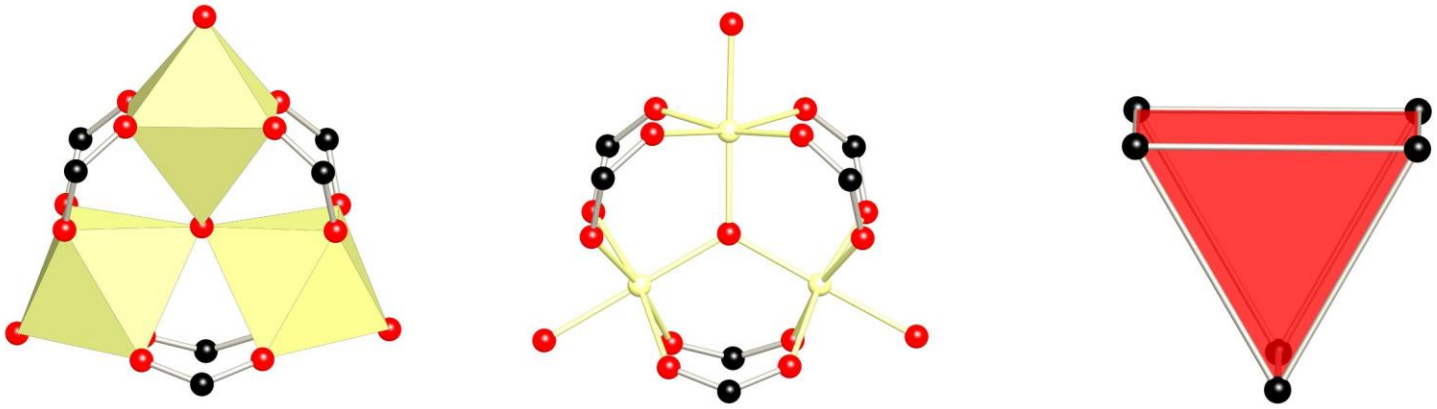
N. V. Gerbeleu et al *Koord. Khim.(Russ.)(Coord. Chem.)*, **1994**, 20, p 846

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

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

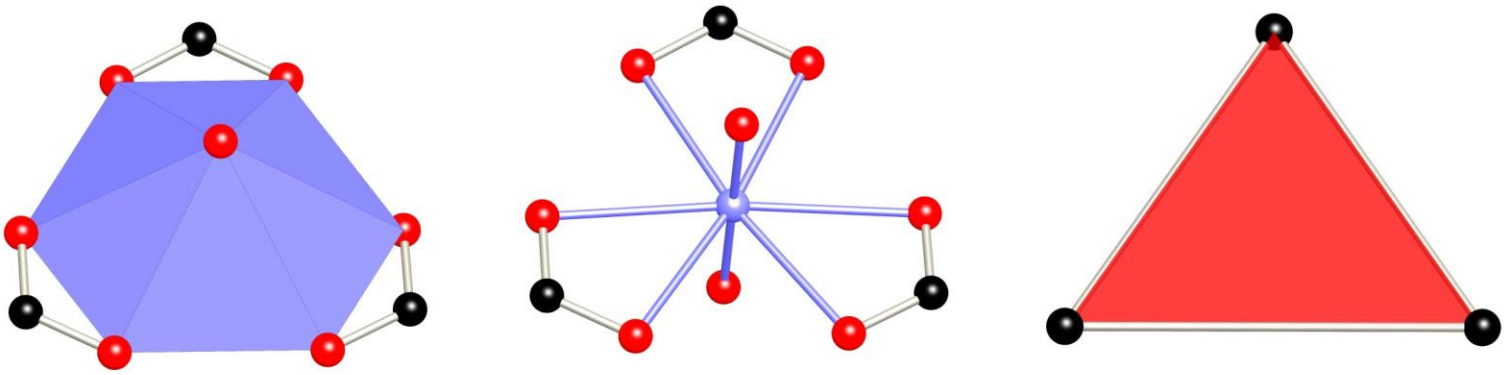
H. Barrow et al *Chem. Commun.*, **1995**, p 1231



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

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

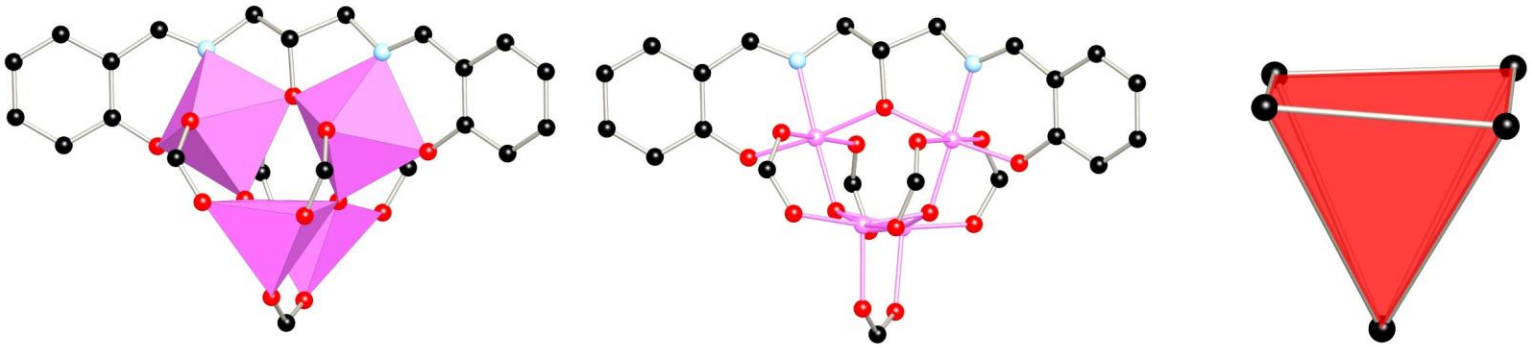
I.B. Baranovsky et al *Zh.Neorg.Khim.(Russ.)(Russ.J.Inorg.Chem.)*, **1995**, 40, p 1634



$Np(CO_2)_3(O)_2$

$Np(CH_3CO_2)_3(O)_2$

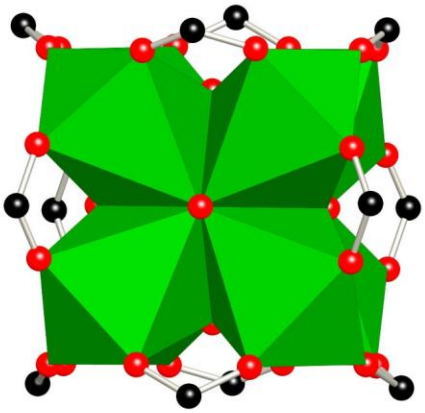
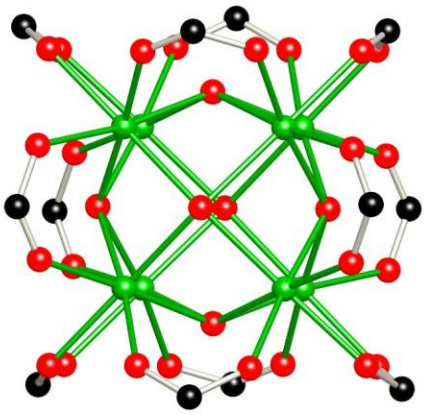
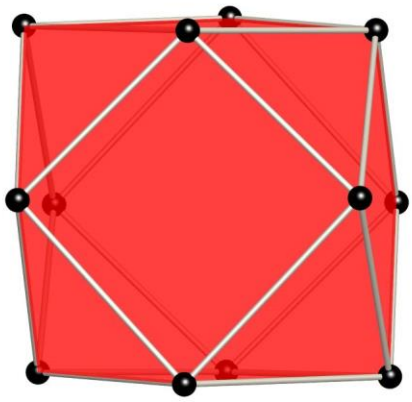
N. W. Alcock et al *J. Chem. Soc., Dalton Trans.*, **1982**, p 33



$Mn_4(CO_2)_5(OC_6CNC3NCC_6O)$

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

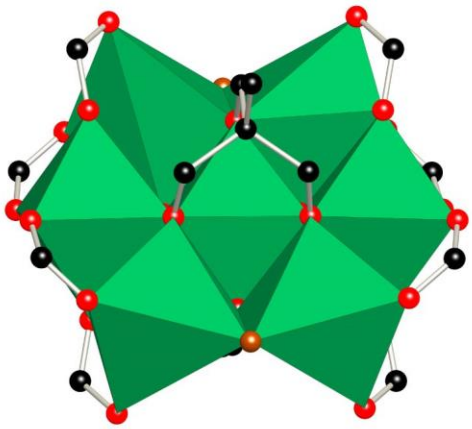
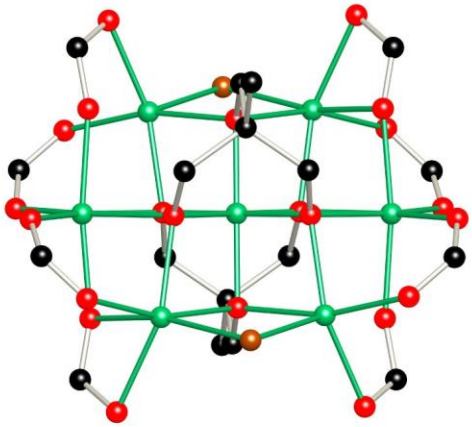
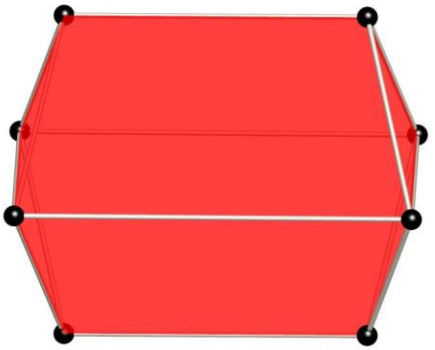
R. Bagai et al *Dalton Trans.*, **2006**, p 3306

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

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

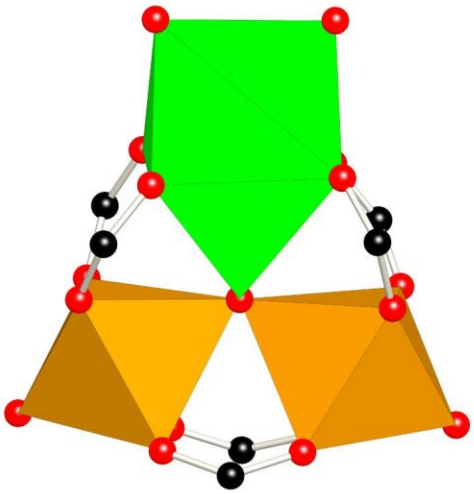
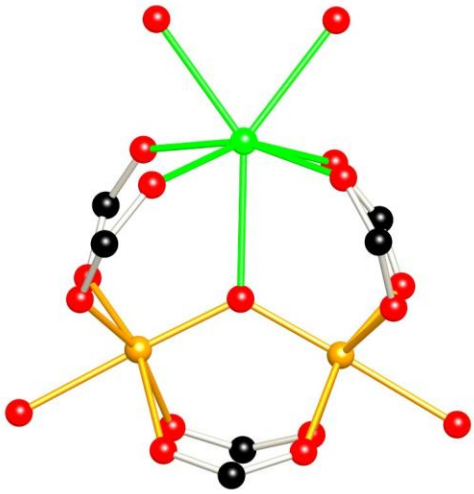
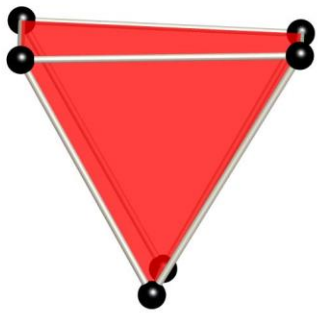
V. Ovcharenko et al *Inorg. Chem.*, **2006**, 45, p 5338

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

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

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

$Fe_2Ca(CO_2)_6(O)_4(O)$

$Fe_2Ca(CCl_3CO_2)_6(CH_2CH_2CH_2CH_2O)_4(O)$

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