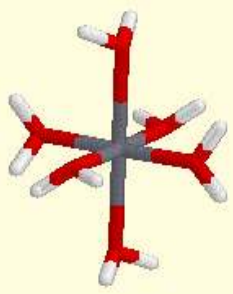
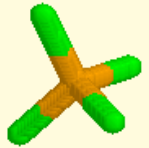

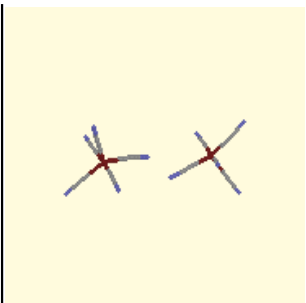
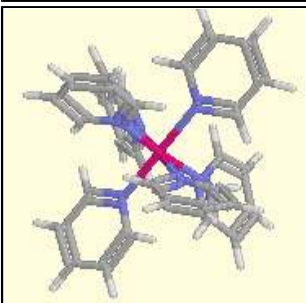
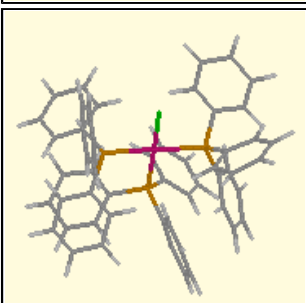
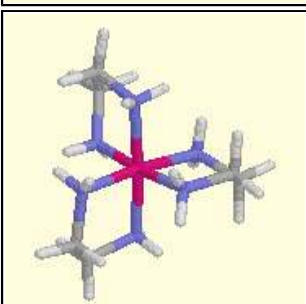
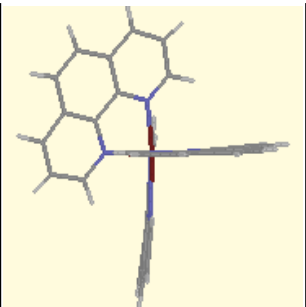
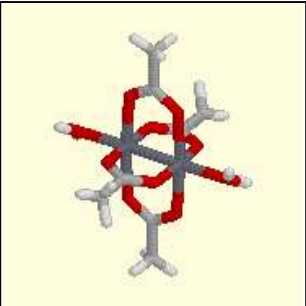
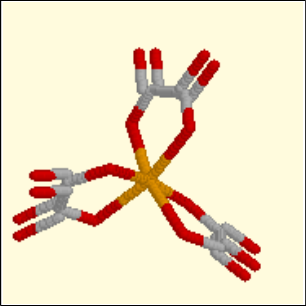

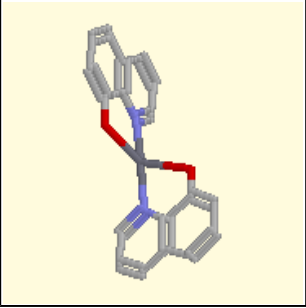
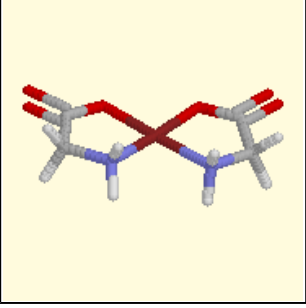
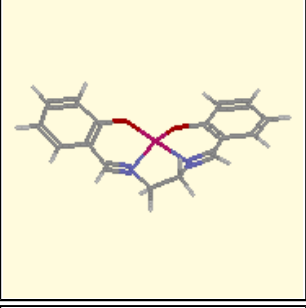
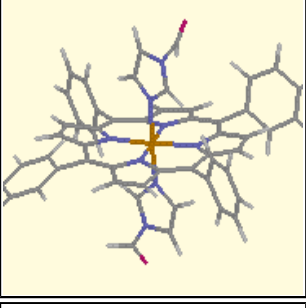


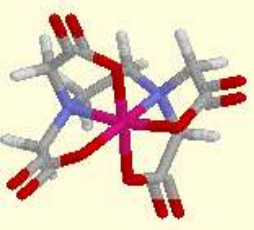
Examples of complexes derived from common ligands

Ligand	Formula	Example	IUPAC name
water	H_2O $[\text{Cr}(\text{H}_2\text{O})_6]^{3+}$		aqua eg hexaaquachromium(III) nitrate
halides	F^- , Cl^- , Br^- , I^-		fluoro, chloro, etc. eg potassium tetrachloroferrate(III)
ammonia	NH_3		ammine eg diamminesilver(I) nitrate
cyanide ion	CN^-		cyano eg potassium pentacyanonickelate(II)

			
pyridine	C_5H_5N		pyridine eg hexapyridineruthenium(II) chloride
triphenylphosphine	$P(C_6H_5)_3$		triphenylphosphine eg chlorotris(triphenylphosphine)rhodium(I)
ethylenediamine	en $NH_2-CH_2-CH_2-NH_2$ $[Co(en)_3]^{3+}$		1,2-diaminoethane eg tris(1,2-diaminoethane)cobalt(III) iodide

phenanthroline	phen - $C_{12}H_8N_2$		1,10-phenanthroline eg tris(1,10-phenanthroline)nickel(II) nitrate
acetate ion	CH_3COO^-		ethanoate eg diaquatetraethanoatodichromate(II) sulfate
oxalate ion	$C_2O_4^{2-}$ $K_3[Cr(ox)_3]$		oxalato eg potassium tris(oxalato)chromate(III)
acetylacetone	acac		2,4-pentanedione eg tris(2,4-pentanedionato)chromium(III)

8-hydroxyquinoline	oxine		8-hydroxyquinolinato eg bis(8-hydroxyquinolinato)silver(I) ion
glycine	gly ⁻		glycinato ion eg cis-bis(glycinato)copper(II)
salen	salen		N,N'-ethylenebis(salicylideneimine) eg N,N'-ethylenebis(salicylideneiminato)cobalt(II)
porphin	TPP		tetraphenylporphin eg tetraphenylporphiniron(II) complex??

ethylenediamine tetraacetic acid (H ₄ EDTA)	EDTA ⁴⁻ ion		EDTA ⁴⁻ (ethylenedinitrilo)tetraacetic acid eg (ethylenedinitrilo)tetraacetatocobaltate(III)
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