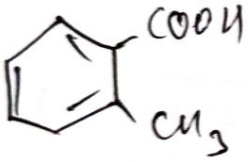
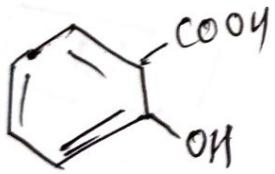
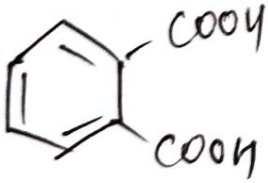
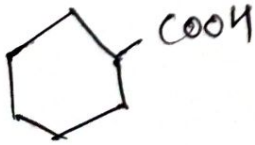
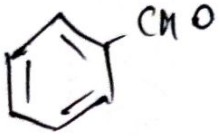
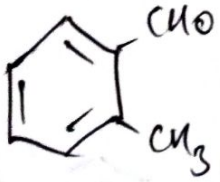
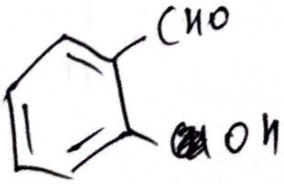
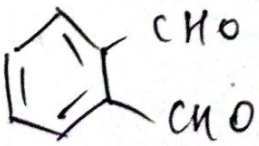
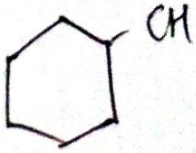
Carboxylic acid

structure	trivial name	IUPAC
$CH_3-CH_2-CH_2-COOH$	n-Butyric acid	Butanoic acid
$(CH_3)_2CH-COOH$	Iso butyric acid (α-methyl propionic acid)	2-methyl propanoic acid
$CH_2=CH-COOH$	Acrylic acid	prop-2-enoic acid
$HOOC-COOH$	Oxalic acid	Ethanedioic acid
	o-Toluic acid	2-methyl benzoic acid
	Salicyclic acid	2-Hydroxy benzoic acid
	Phthalic acid	Benzene-1,2-dicarboxylic acid
	Cyclo hexyl carboxylic acid	Cyclohexane carboxylic acid

Aldehydes

Structure	Trivial Name	IUPAC
$CH_3-CH_2-CH_2-CHO$	Butyraldehyde	Butanal
$(CH_3)_2CH-CHO$	Isobutyraldehyde (α-methyl propionaldehyde)	2-methyl propanal
$CH_2=CH-CHO$	Acrolein	prop-2-enal
$(CHO)_2$	Oxaldehyde (Glyoxal)	Ethanedial
	Benzaldehyde	(Benzene carbaldehyde)
	o-Tolualdehyde	2-methyl benzaldehyde
	Salicylaldehyde	2-hydroxy benzaldehyde
	Phthalaldehyde	Benzene-1,2-dicarboaldehyde
	Cyclohexane aldehyde	Cyclohexane carbaldehyde