Alcohol

Aldehyde

$$R > C = C < R$$

Alkene

$$R-C \longrightarrow C -R$$

Alkyne

Amide

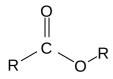
$$R-N < R$$

Amine



Aromatic

Carboxylic acid



Ester

$$R-O-R$$

Ether

Ketone

$$R-C\equiv N$$

Nitrile

Thiol