

Alcohol $R-OH$

Aldehyde

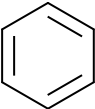
$$\begin{array}{c} O \\ || \\ R-C-H \end{array}$$

Alkene

$$\begin{array}{c} R & & R \\ & \backslash & / \\ & C=C \\ & / & \backslash \\ R & & R \end{array}$$

Alkyne $R-C \equiv C-R$

Aromatic



Ketone

$$\begin{array}{c} O \\ || \\ R-C-R \end{array}$$