

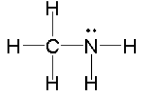
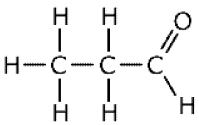
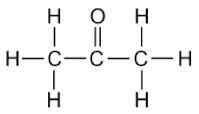
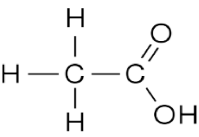
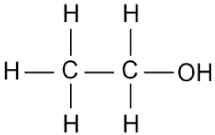
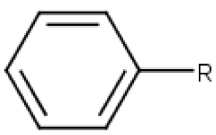
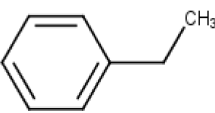
Functional group	Structure formula	Class of compound	Example
Amino	-NH <sub>2</sub>	Amines	 Methylamine
Carbonyl	-CHO	Aldehydes	 Acetaldehyde
Carbonyl	-CO	Ketone	 Acetone
Carboxyl	R-COOH	Carboxylic acid	 Acetic acid
Hydroxyl	R-OH	Alcohols	 Ethanol
Phenyl		Cyclic/aromatic	 Benzyl

Table 1: A breakdown of various functional groups and their structure formulas

