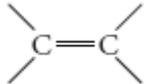
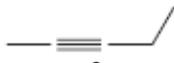
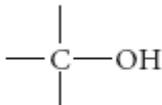
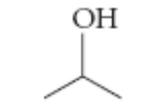
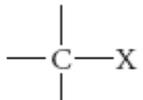
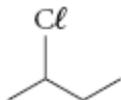
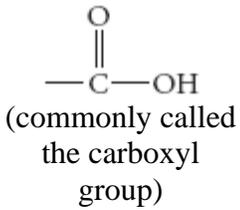
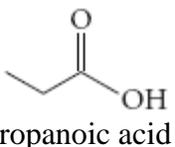
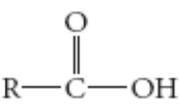
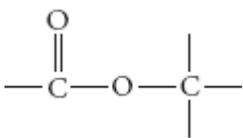
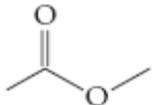


Common Chemical Families and Their Functional Groups

Family name	Suffix or prefix	Functional group	Example	Generic formula
alkene	-ene		 hept-3-ene	
alkyne	-yne		 pent-2-yne	
alcohol	-ol	 (commonly called the hydroxyl group)	 propan-2-ol	R—OH
alkyl halide	prefix varies with halogen	 X = a halogen	 2-chlorobutane	R—X
carboxylic acid	-oic acid	 (commonly called the carboxyl group)	 propanoic acid	
ester	-oate		 methyl ethanoate	