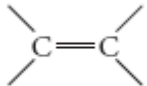


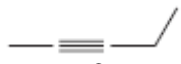
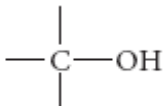
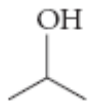
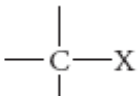
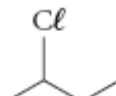
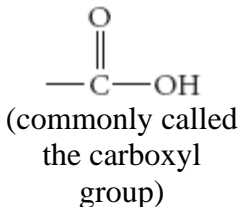
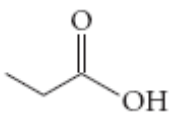
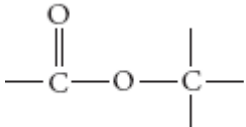
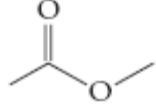


CHAPTER 14	Common Chemical Families and Their Functional Groups	BLM 14.3.4
OVERHEAD		

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	$R-C(=O)OH$
ester	-oate		 methyl ethanoate	$R_1-C(=O)OR_2$