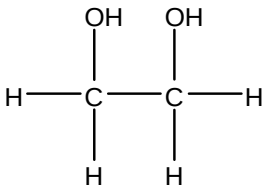
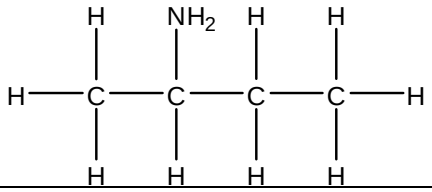
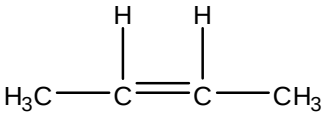
CHEM3.5 Worksheet 1 Level 2 Organic revisits Name _____

Question One- Complete the table

Name	Structure	Functional group(s)
2-methyl Pentane		Alkane
		
		
Propanoic acid		
1,1-dichloro ethane		
		
Ethyne		

Question Two- Complete the table

Reaction	Type of reaction	Reagents
Example: Ethene → Ethanol	Addition	H_2O/H^+ (or $H_2SO_{4\ (aq)}$)
Ethanol → Ethanoic acid		
Ethene → Ethan-1,2-diol		
Ethene → 1,2-dichloro ethane		
Ethanol → 1-chloro ethane		
1-chloroethane → 1-amino ethane		
1-chloroethane → Ethene		
1-chloroethane → Ethanol		
Ethanol → Ethene		
Ethanoic acid → sodium ethanoate		
1-amino ethane → ethyl ammonium chloride		