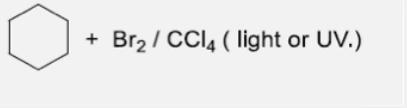
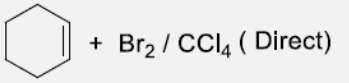
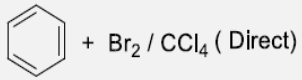
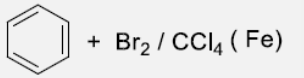
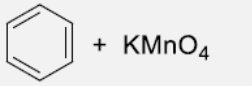
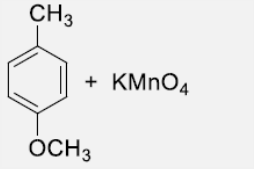
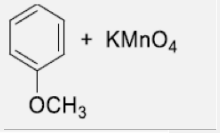
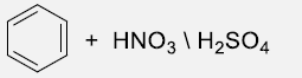
Laboratory Report (109 chem)

Student Names: …… Section No: ……

Experiment (3): Aliphatic Hydrocarbons

Test	Observation	Result	Chemical equation
 + Br_2 / CCl_4 (light or UV.)	In sun light, orange-red color of bromine disappeared		
 + Br_2 / CCl_4 (Direct)	orange-red color of bromine disappeared		
 + $KMnO_4$ 1ml cyclohexene+1drop $KMnO_4$			

Experiment (4): Aromatic Hydrocarbons

Test	Observation	Result	Chemical equation
	The color of bromine doesn't disappeared		
	The color of bromine disappeared		
			
	The purple color of KMnO4 disappeared with formation of brown precipitate		
	No formation of brown precipitate		
	Appearance of faint yellow color		

Name	Class	Functional Group	Molecular Formal	Structure Formala
Cyclohexene				
Benzene				