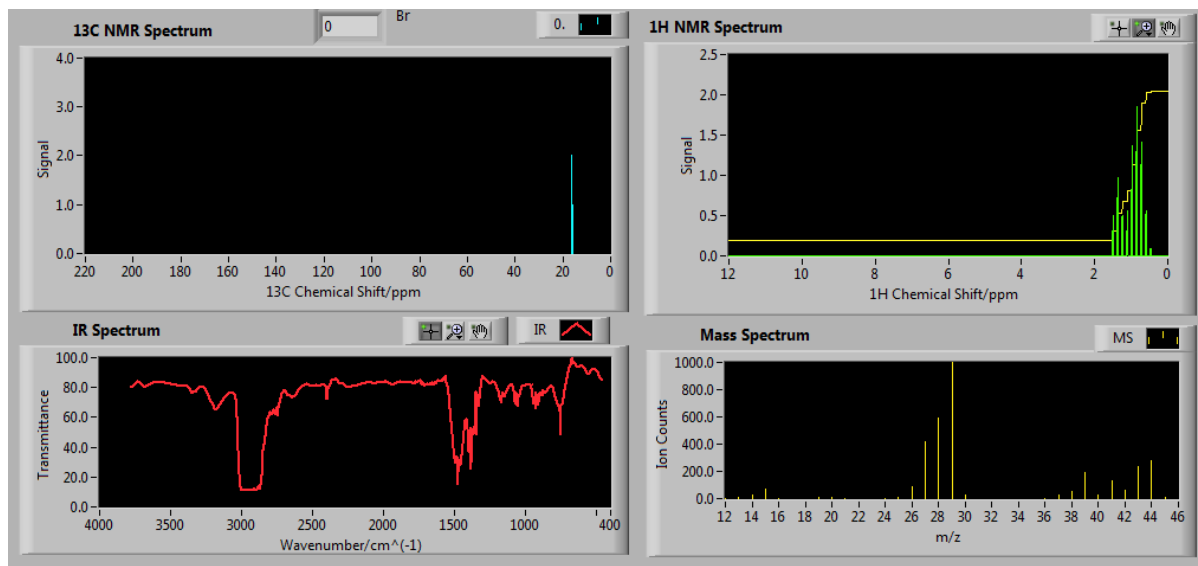


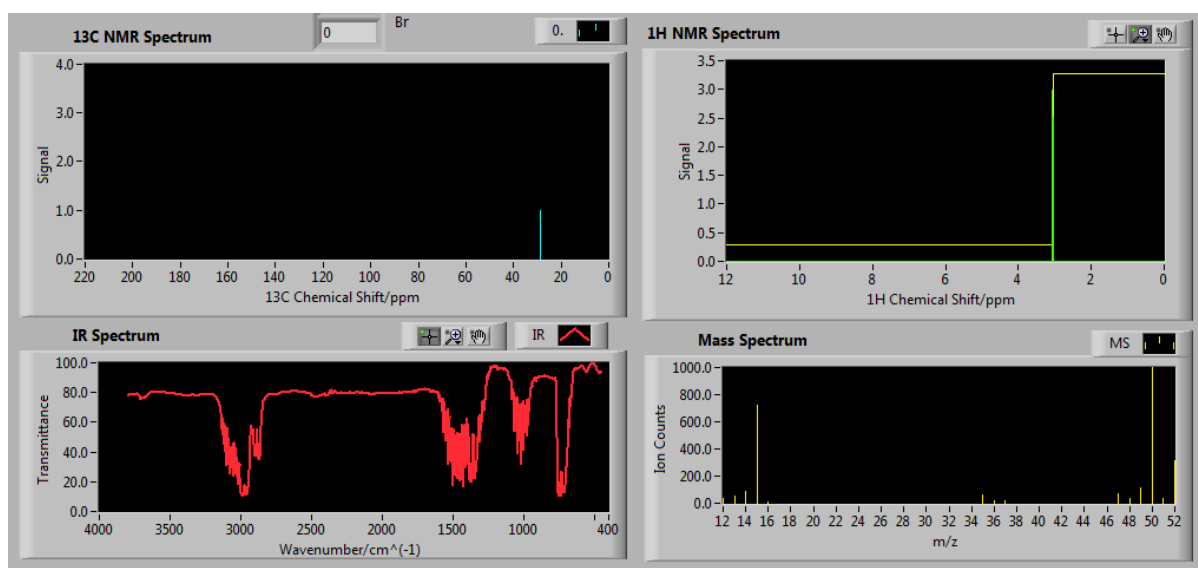
SPECTROSCOPY – COMPOUND IDENTIFICATION (SOURCE: CHEMICAL DETECTIVES)

TEST 1 (LEVEL = EASY)

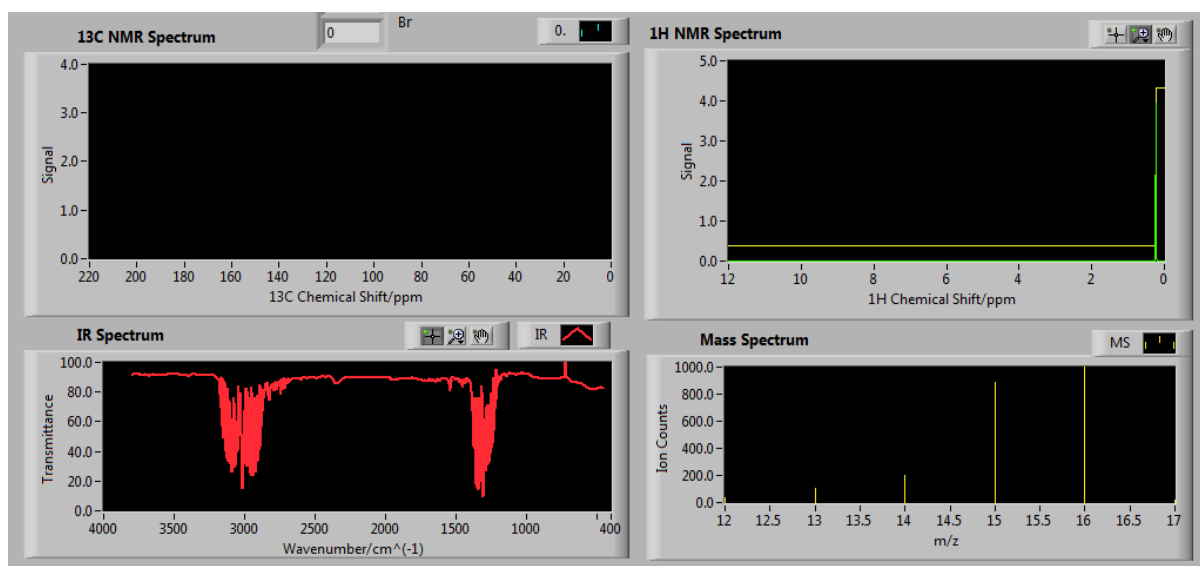
CHEMICAL NUMBER = 55



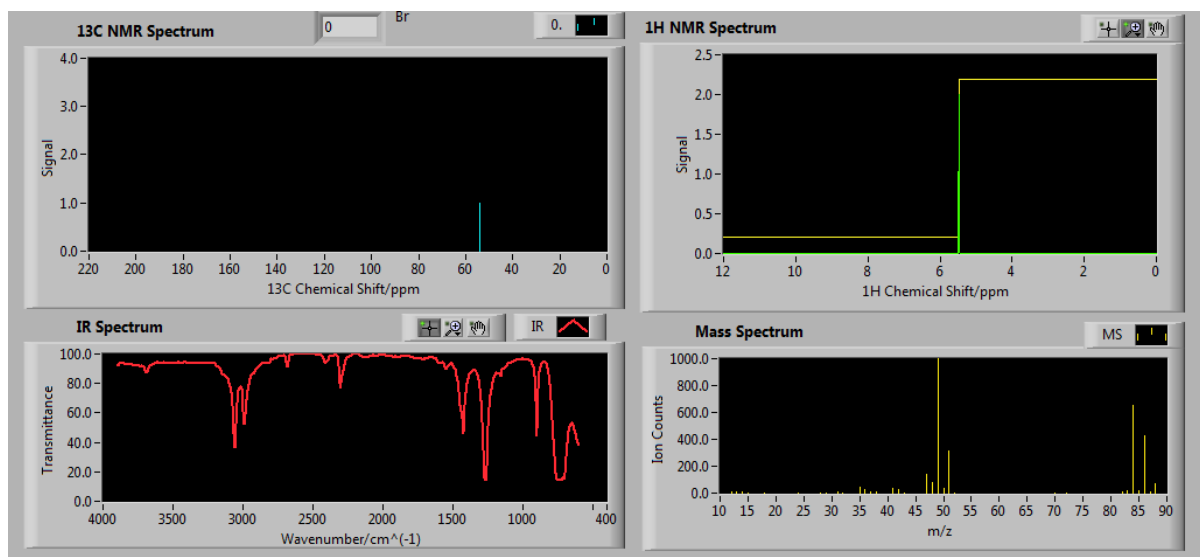
CHEMICAL NUMBER = 33



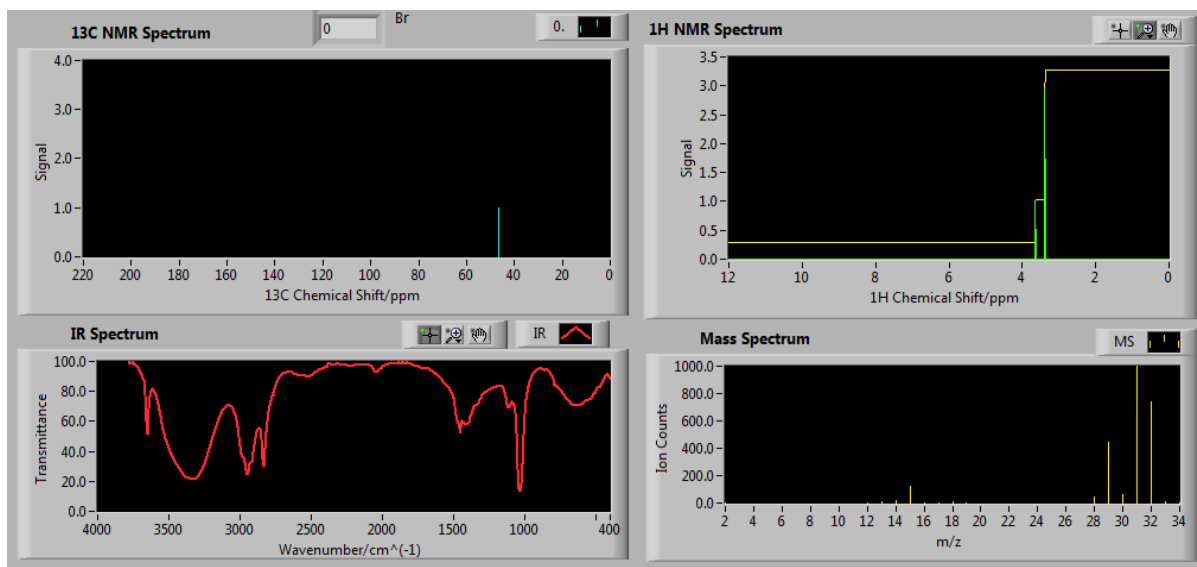
CHEMICAL NUMBER = 44



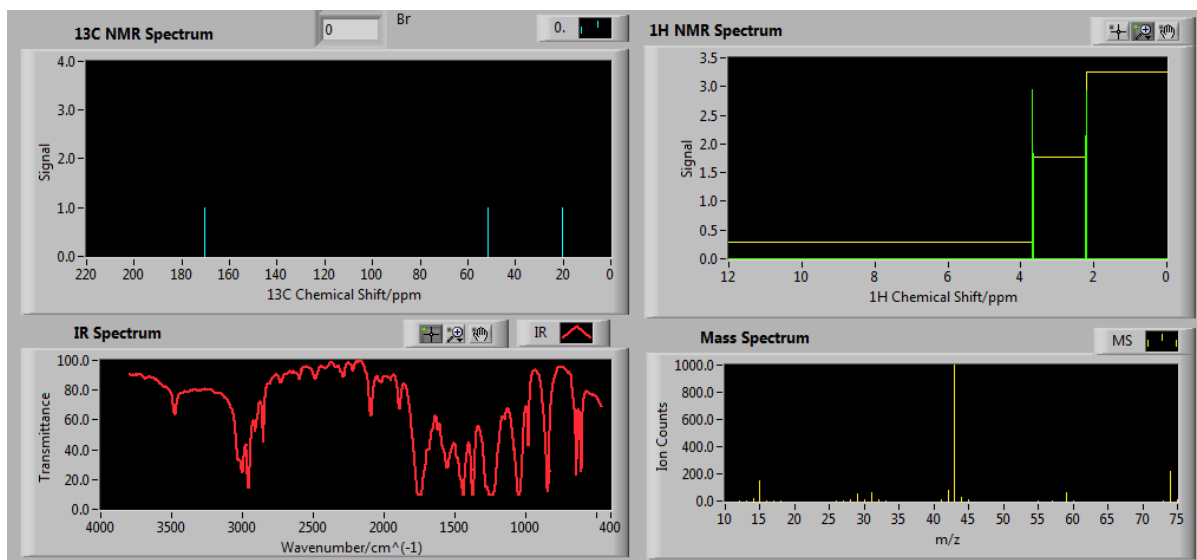
CHEMICAL NUMBER = 74



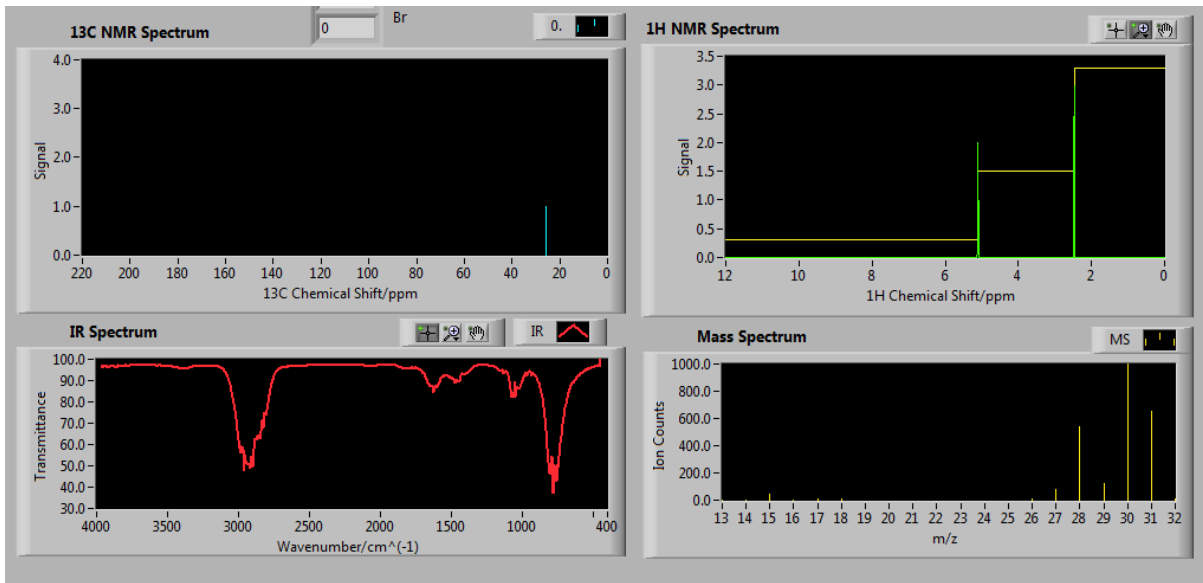
CHEMICAL NUMBER = 86



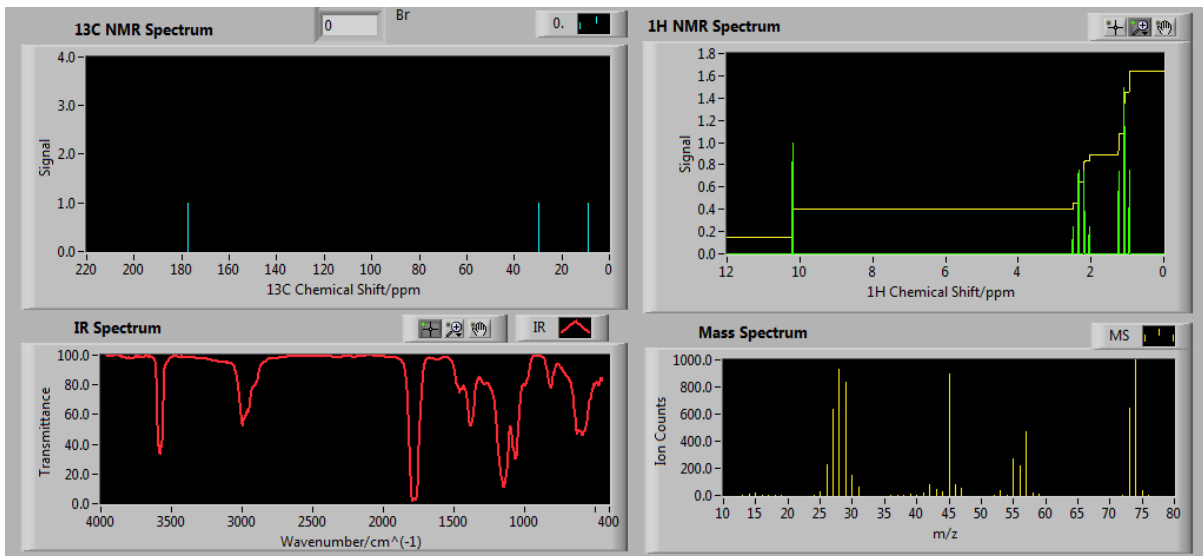
CHEMICAL NUMBER = 89




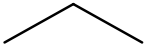
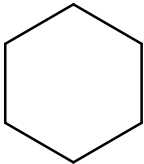
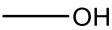
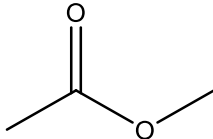
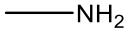
CHEMICAL NUMBER = 90



CHEMICAL NUMBER = 102



ANSWERS

Systematic Name	Chemical Number	Functional Group	Structure
Chloromethane	33	Halogen	
Methane	44	Hydrocarbon	CH_4
Propane	55	Hydrocarbon	
Cyclohexane	74	Hydrocarbon	
Methanol	86	Alcohol	
Methylethanoic acid	89	Ester	
Methylamine	90	Amine	
Propanoic acid	102	Carboxylic acid	