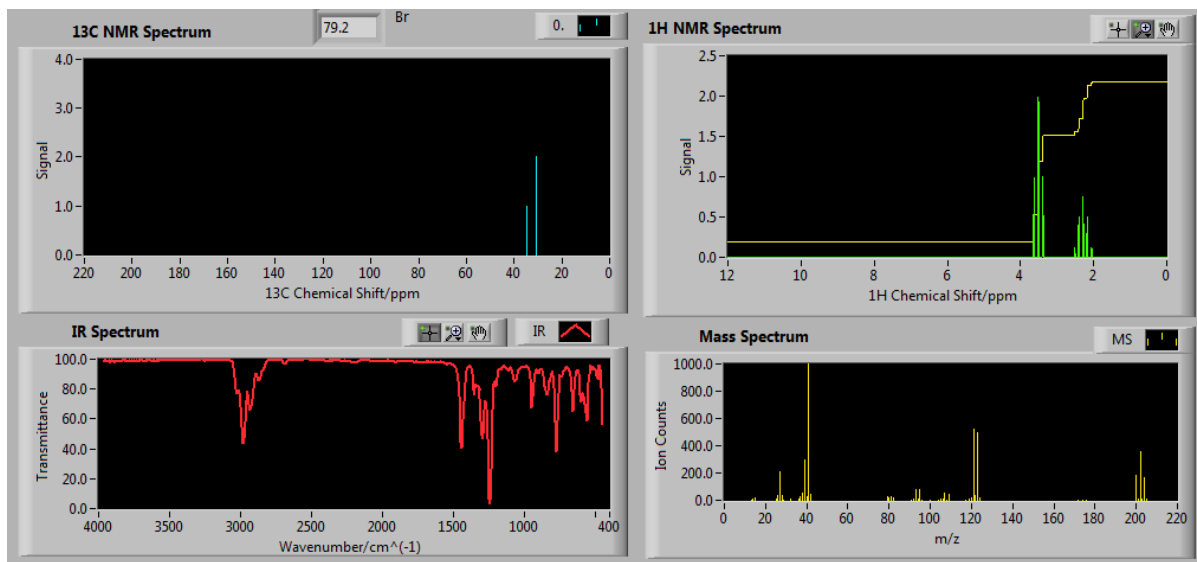


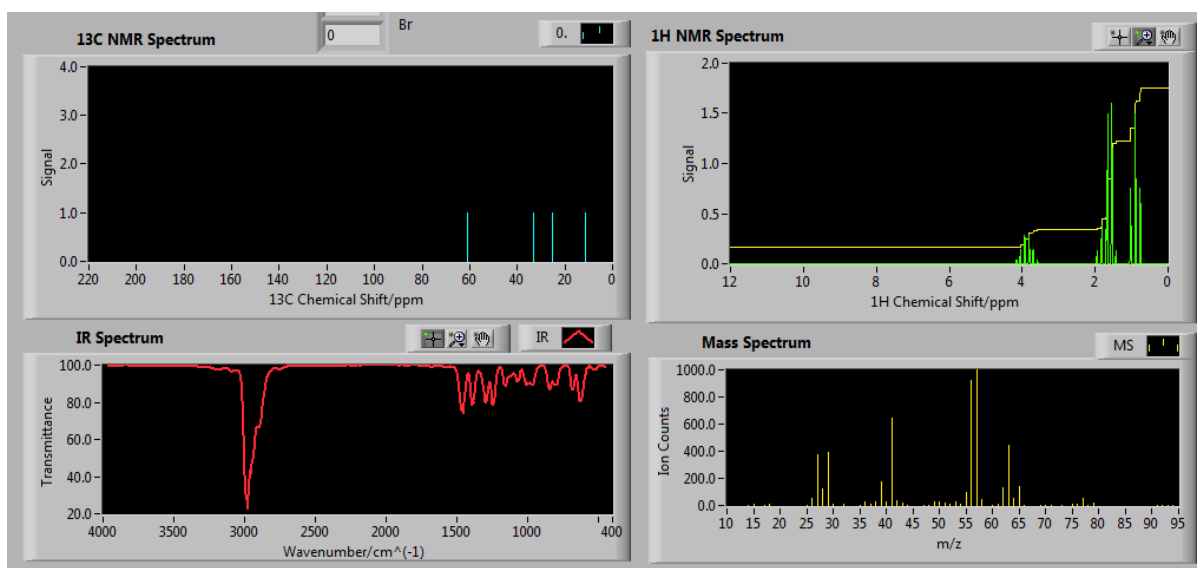
SPECTROSCOPY – COMPOUND IDENTIFICATION (SOURCE: CHEMICAL DETECTIVES)

TEST 1 (LEVEL = MEDIUM)

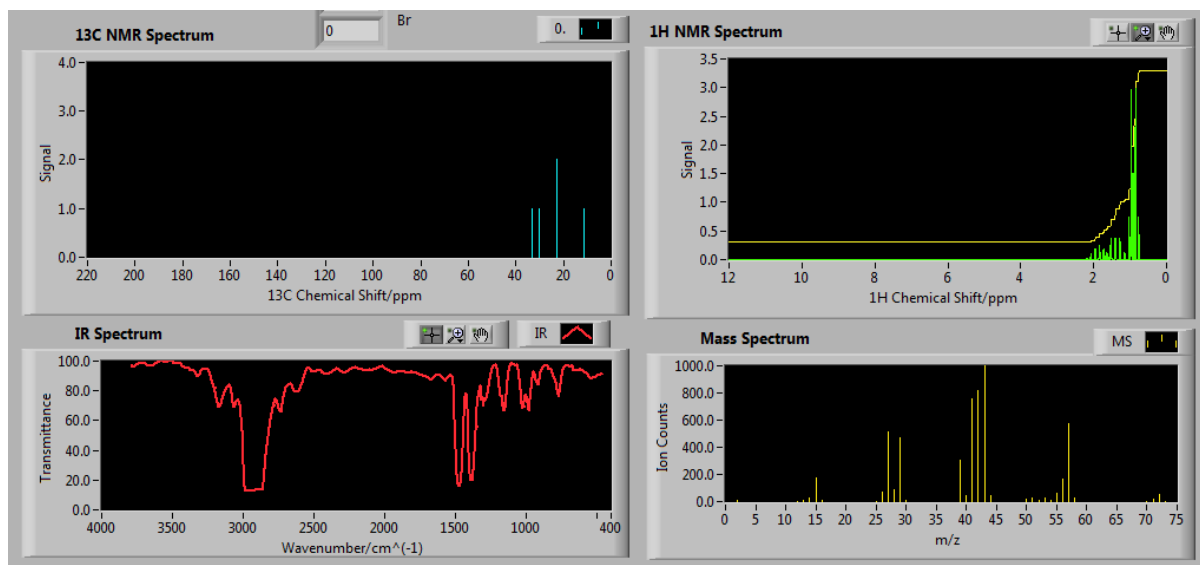
CHEMICAL NUMBER = 2



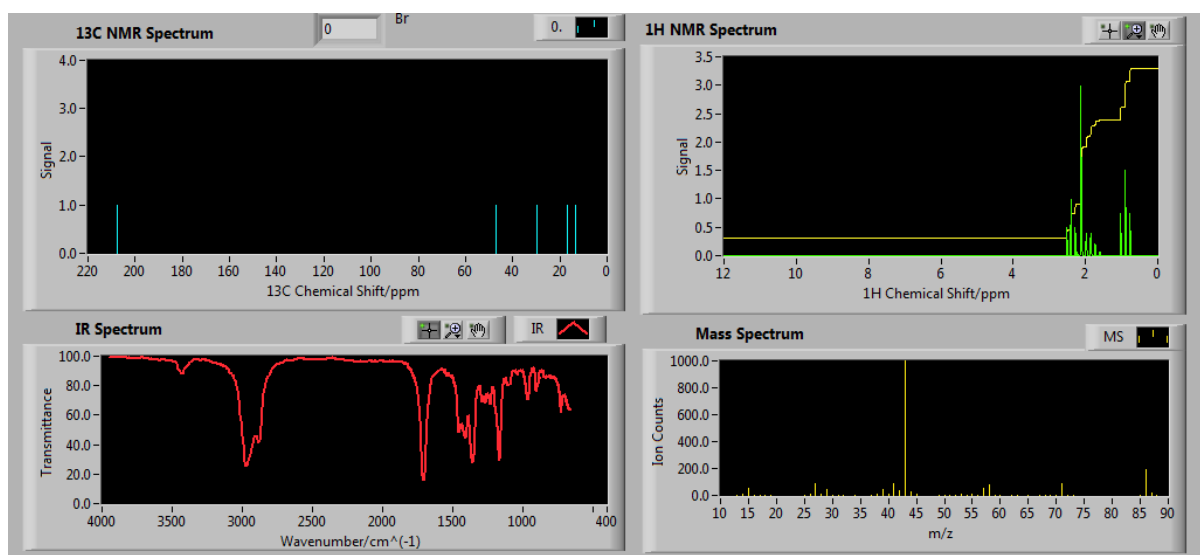
CHEMICAL NUMBER = 14



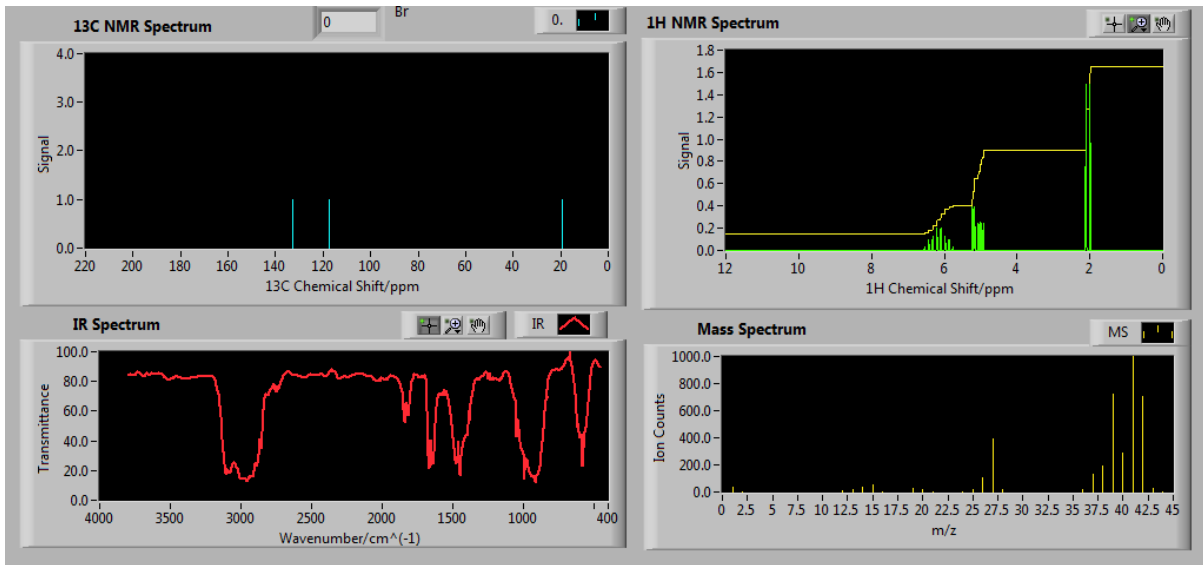
CHEMICAL NUMBER = 16



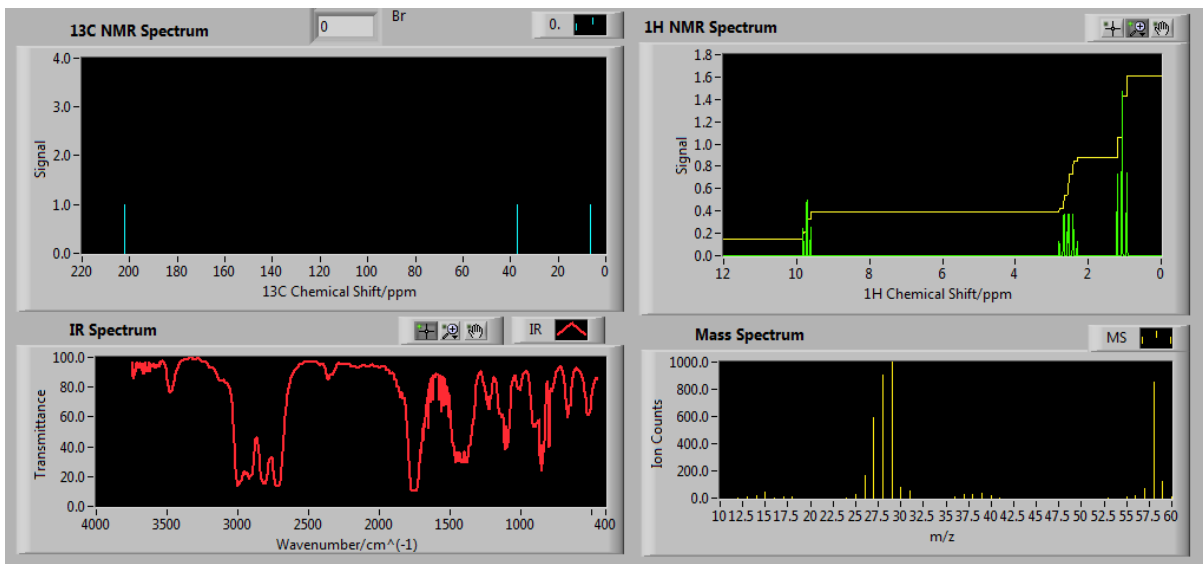
CHEMICAL NUMBER = 49



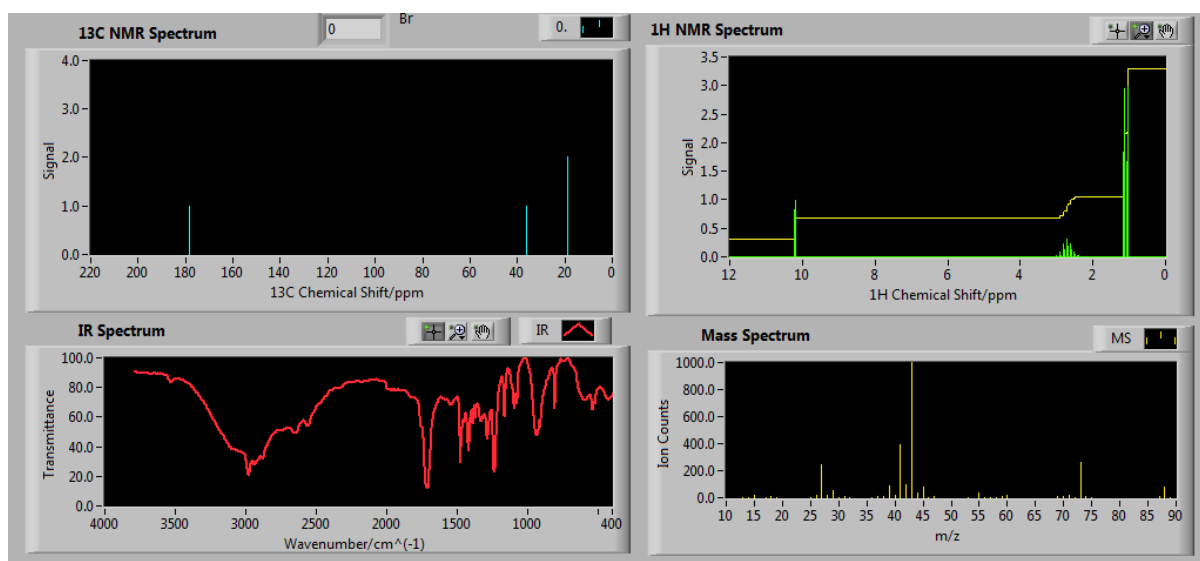
CHEMICAL NUMBER = 52



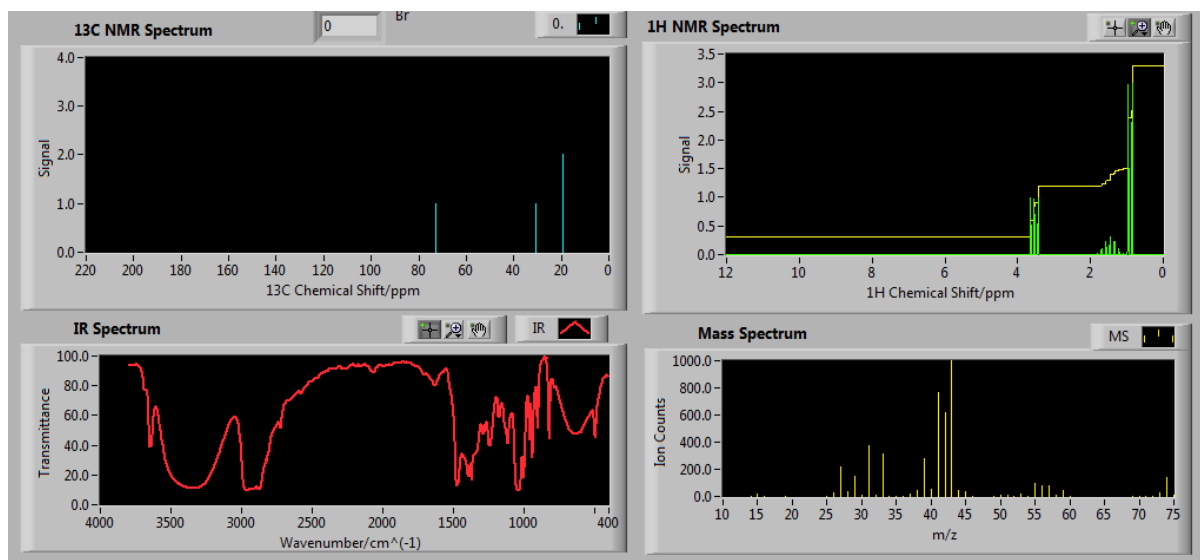
CHEMICAL NUMBER = 56



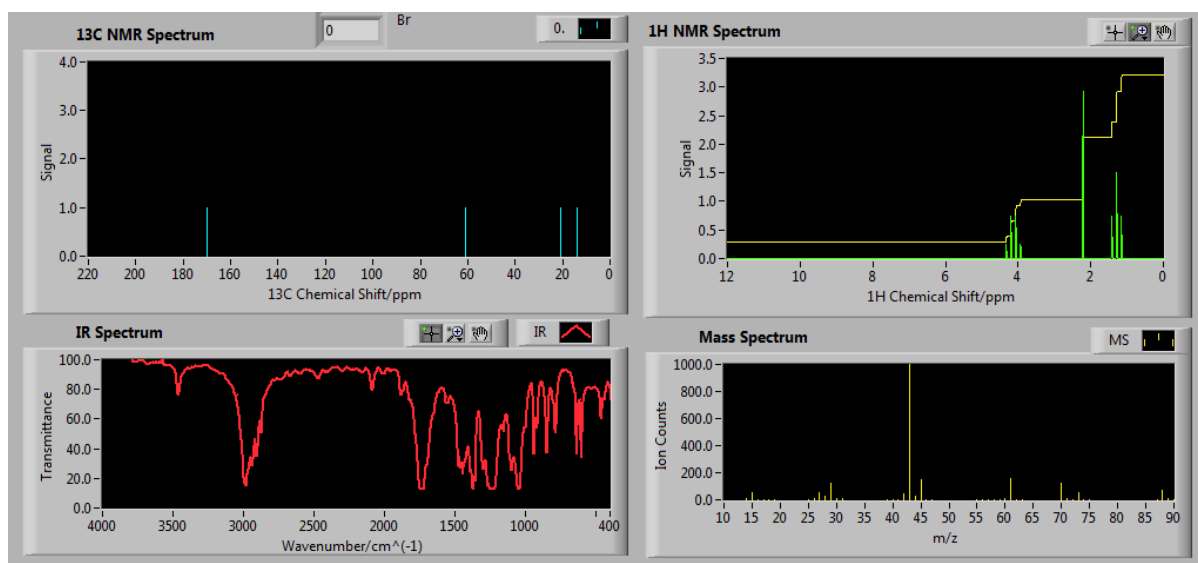
CHEMICAL NUMBER = 63



CHEMICAL NUMBER = 65

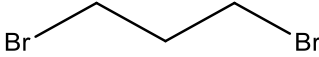
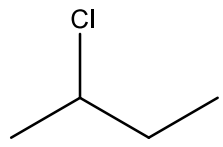
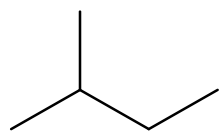
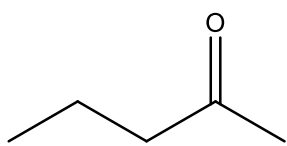
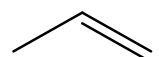
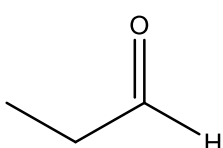
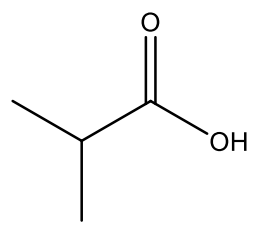
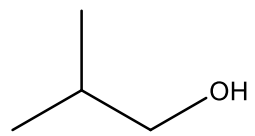


CHEMICAL NUMBER = 81



ANSWERS

* Name not required at VCE level

Systematic Name	Chemical Number	Functional Group	Structure
1,3-dibromopropane	2	Halogen	
2-chlorobutane	14	Halogen	
2-methylbutane	16	Hydrocarbon	
Pentan-2-one*	49	Ketone	
Prop-1-ene	52	Hydrocarbon	
Propionaldehyde*	56	Aldehyde	
2-methylpropionic acid	63	Carboxylic acid	
2-methylpropan-1-ol	65	Alcohol	
Ethyl acetate	81	Ester	