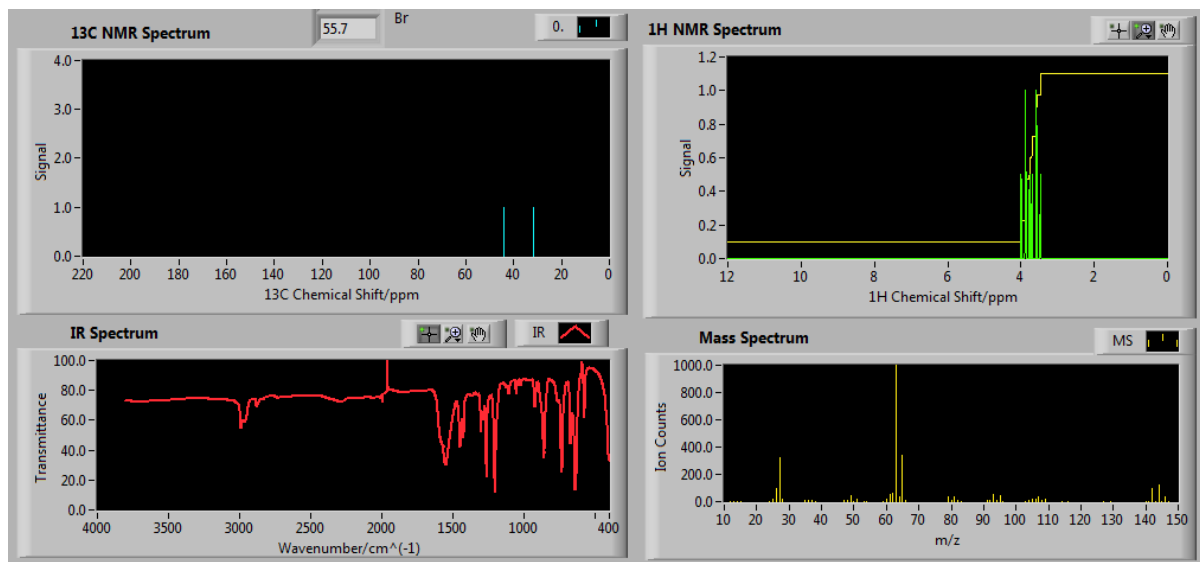


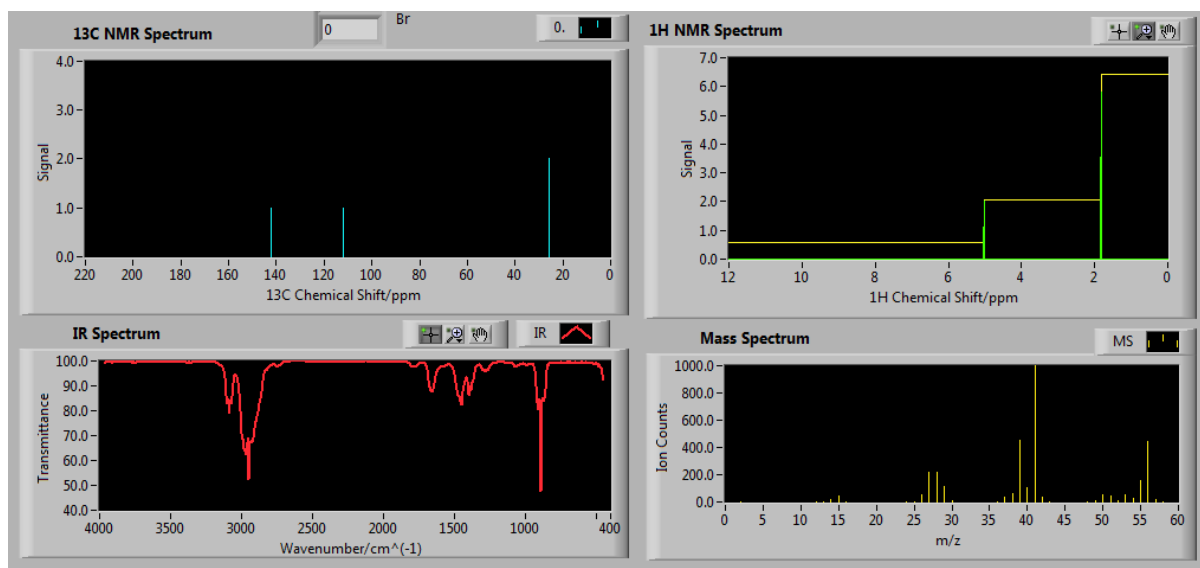
SPECTROSCOPY – COMPOUND IDENTIFICATION (SOURCE: CHEMICAL DETECTIVES)

TEST 2 (LEVEL = MEDIUM)

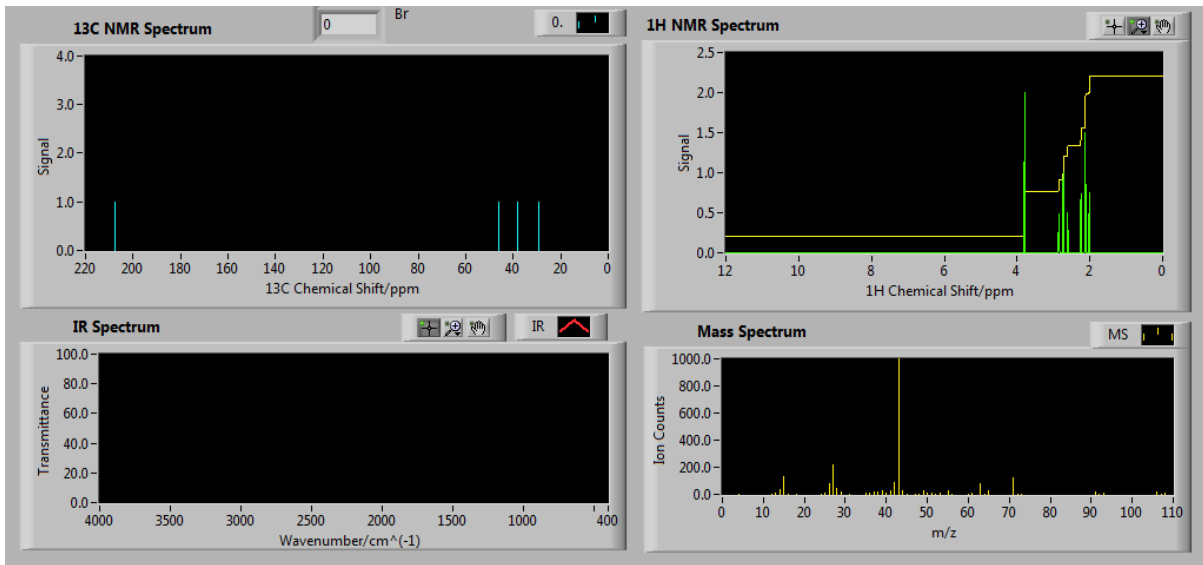
CHEMICAL NUMBER = 3



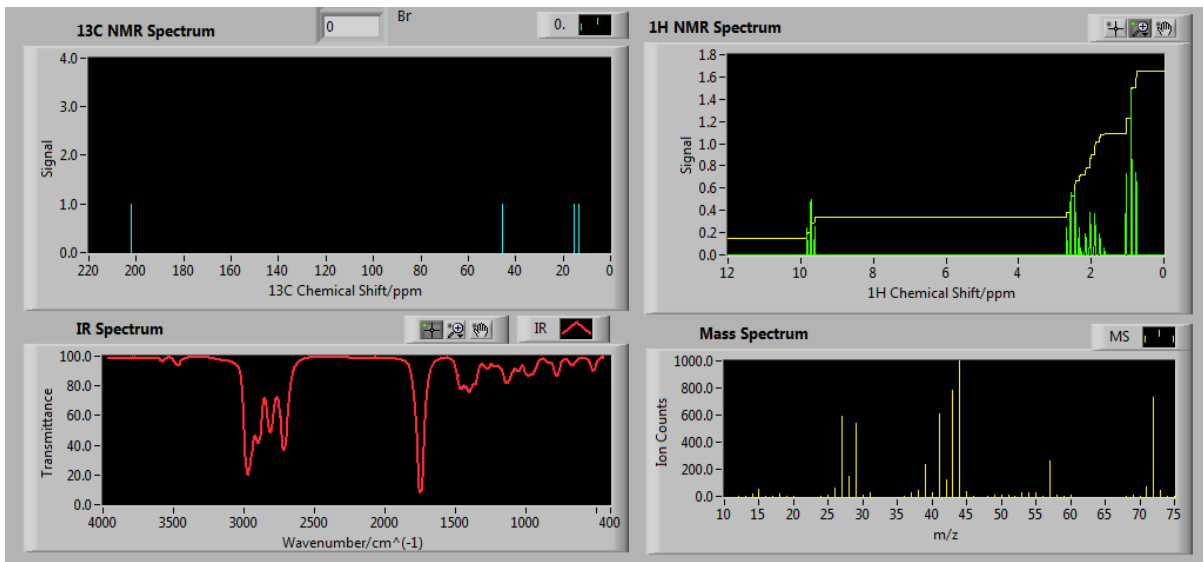
CHEMICAL NUMBER = 17



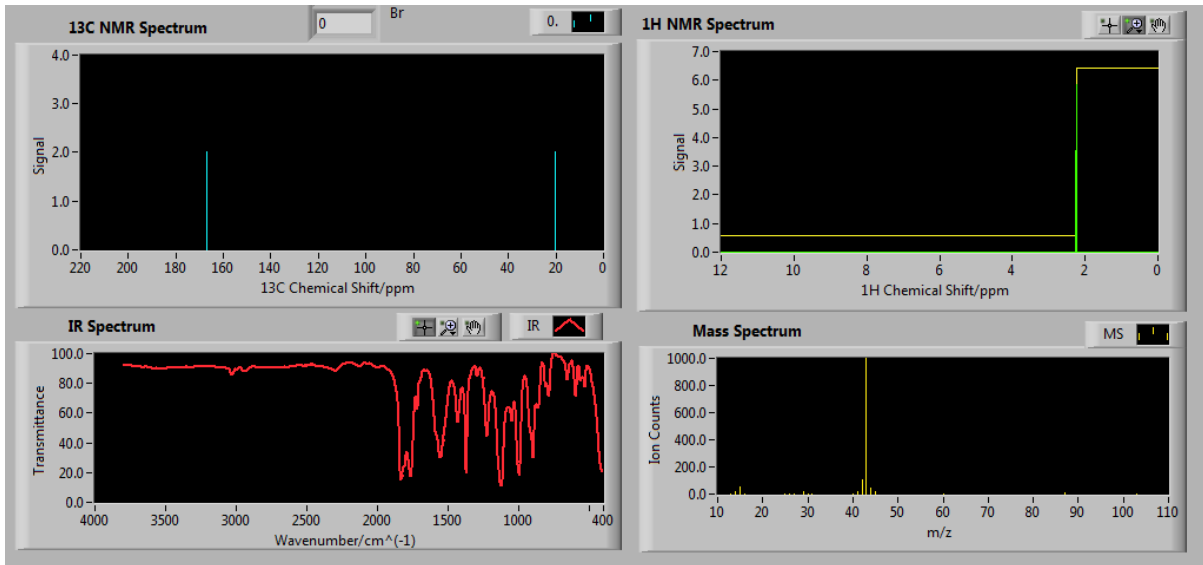
CHEMICAL NUMBER = 19



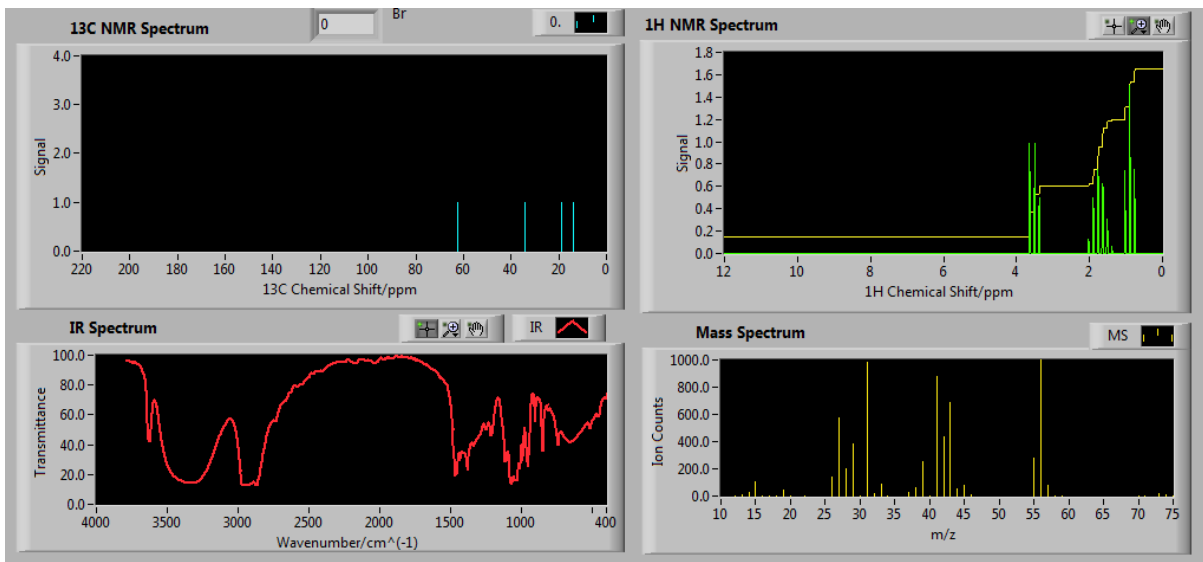
CHEMICAL NUMBER = 32



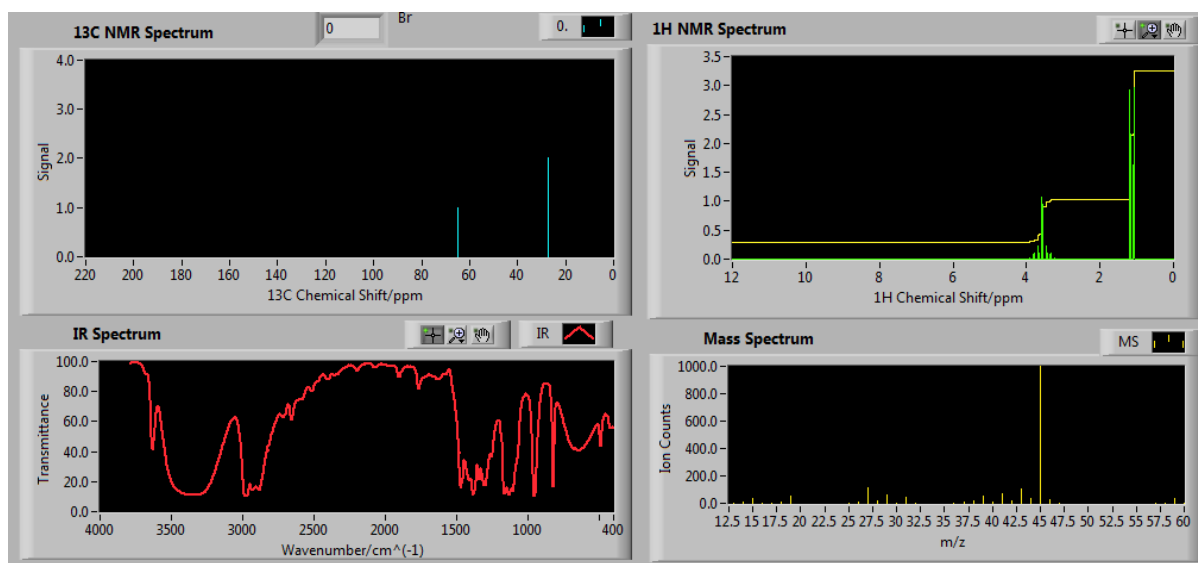
CHEMICAL NUMBER = 69



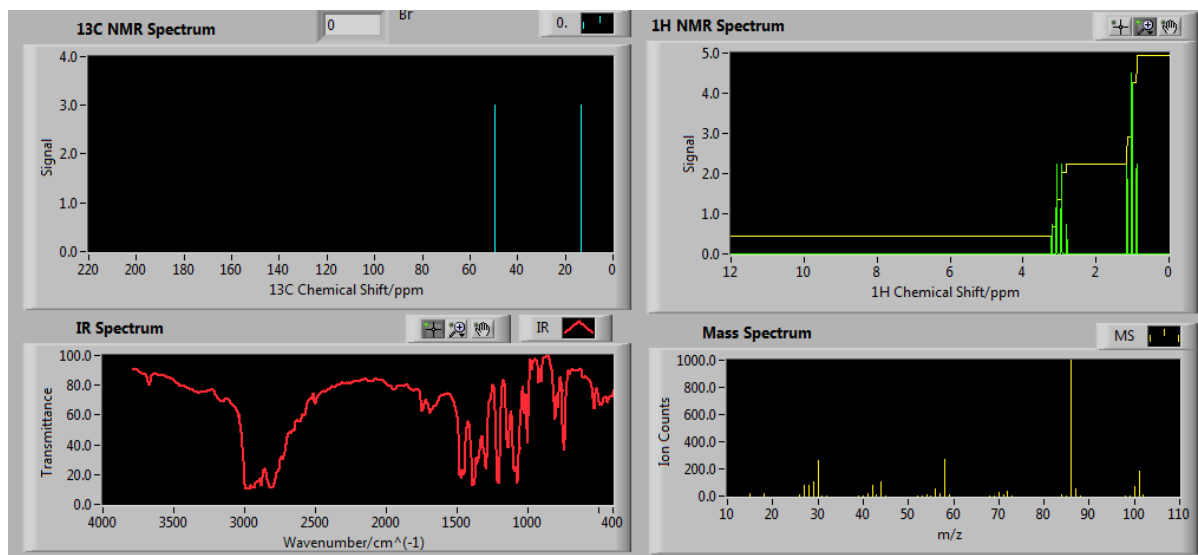
CHEMICAL NUMBER = 73



CHEMICAL NUMBER = 100

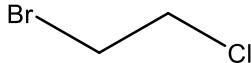
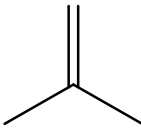
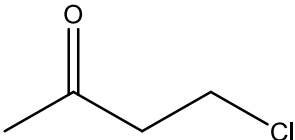
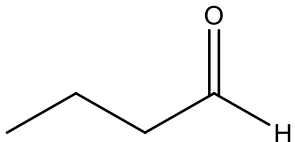
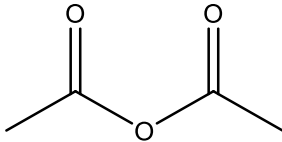
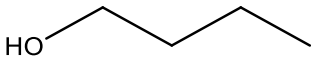
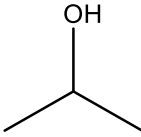


CHEMICAL NUMBER = 105



ANSWERS

* Name not required at VCE level

Systematic Name	Chemical Number	Functional Group	Structure
1-bromo-2-chloroethane	3	Halogen	
2-methylprop-1-ene	17	Hydrocarbon	
4-chlorobutan-2-one*	19	Ketone	
Butyraldehyde*	32	Aldehyde	
Acetic Anhydride*	69	Esters	
Butanol	73	Alcohol	
Propan-2-ol	100	Alcohol	
Triethylamine	105	Amine	