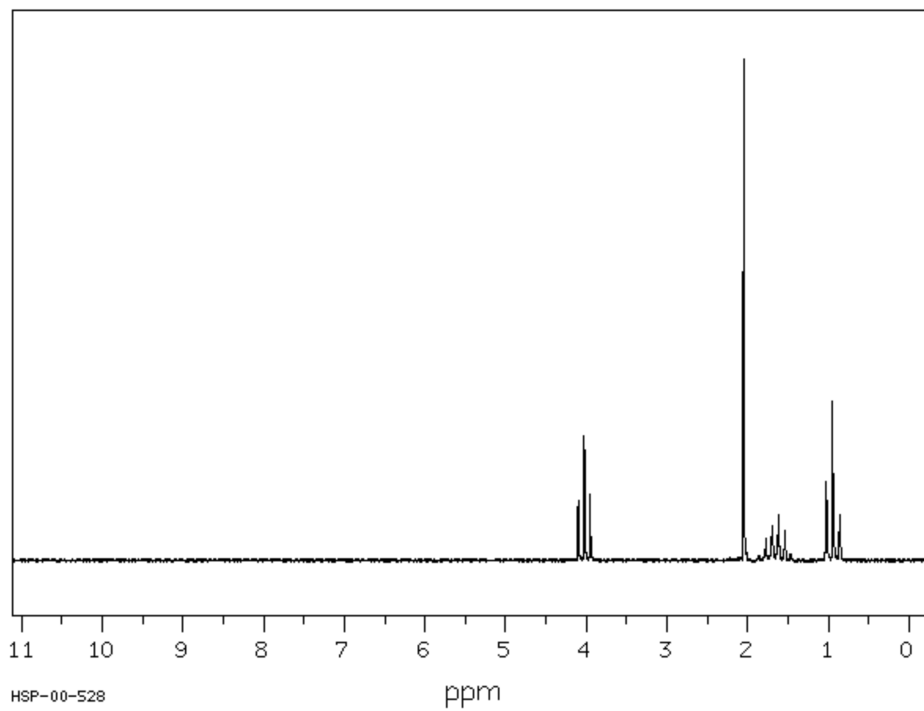
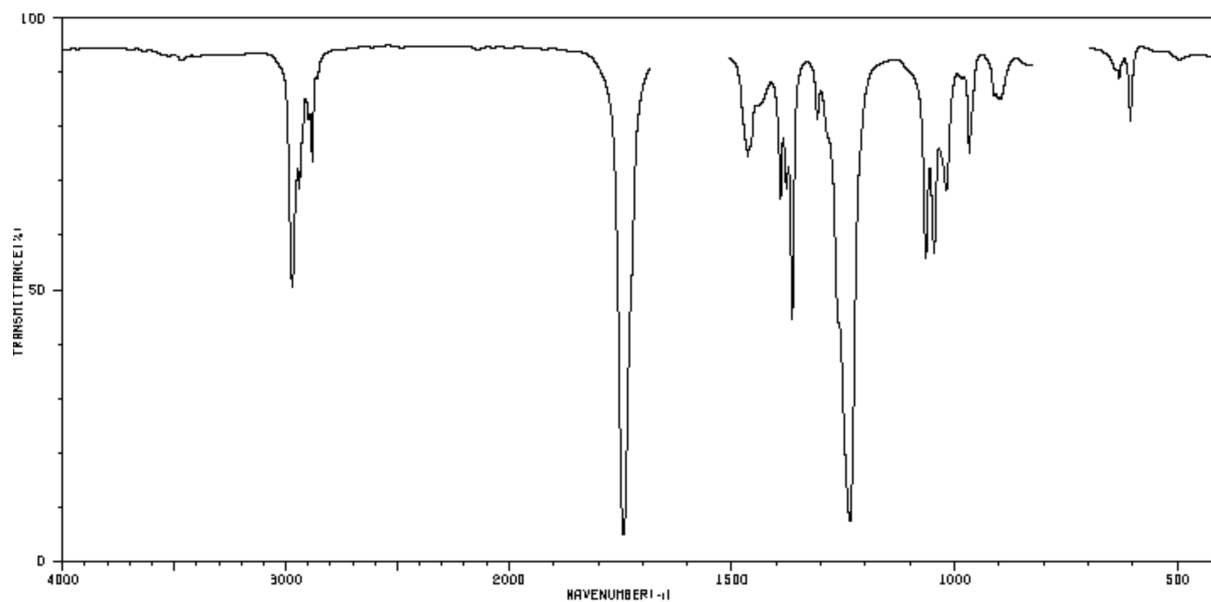
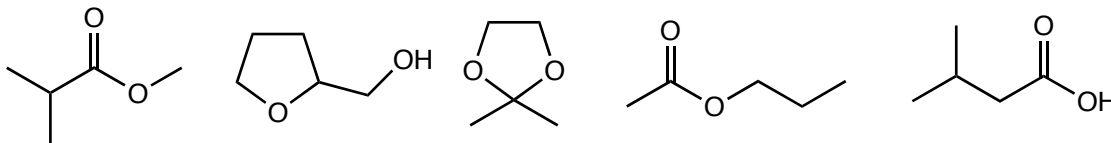


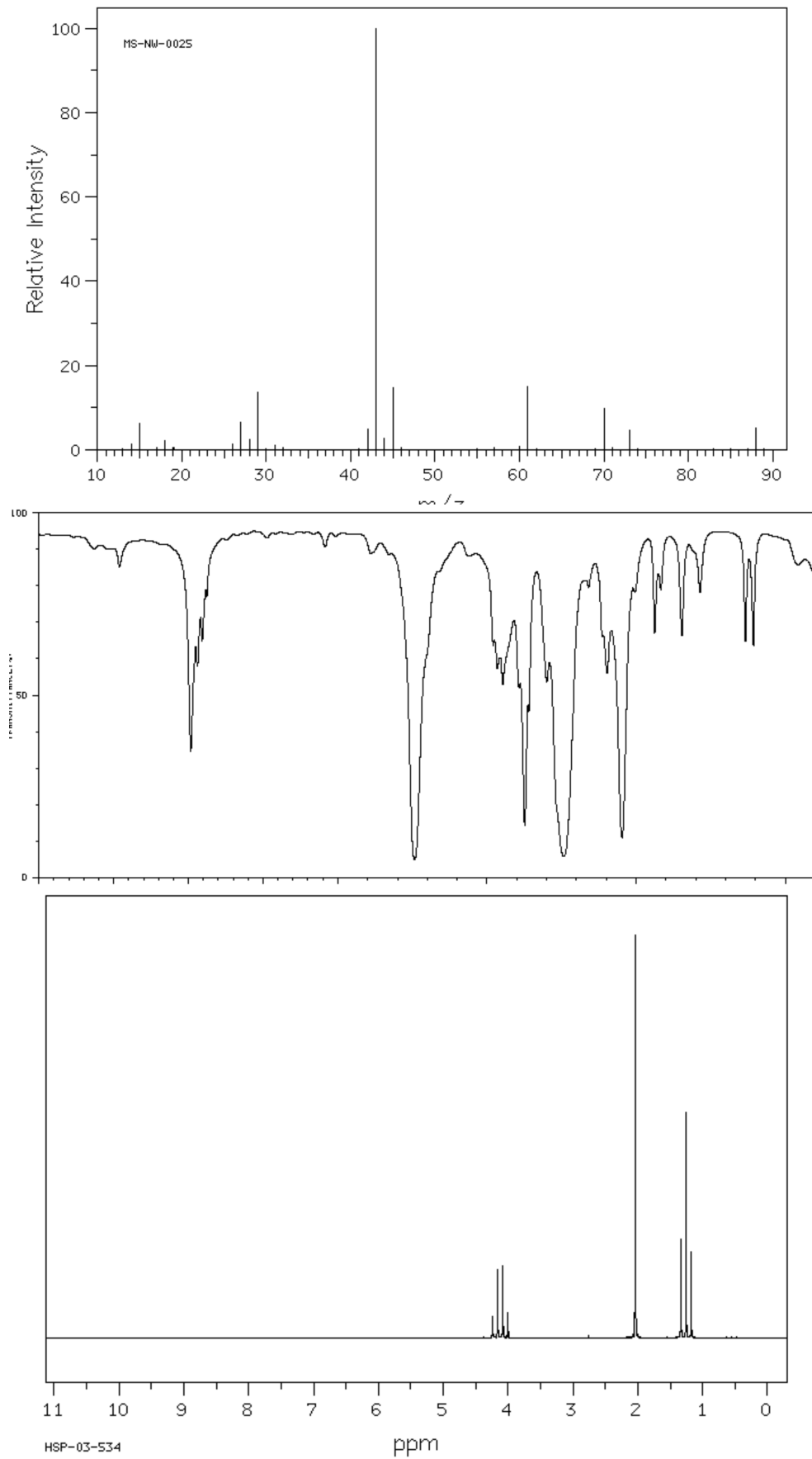
Spectroscopy Problem 1

Compound with molecular formula $C_5H_{10}O_2$
Possible Structures:

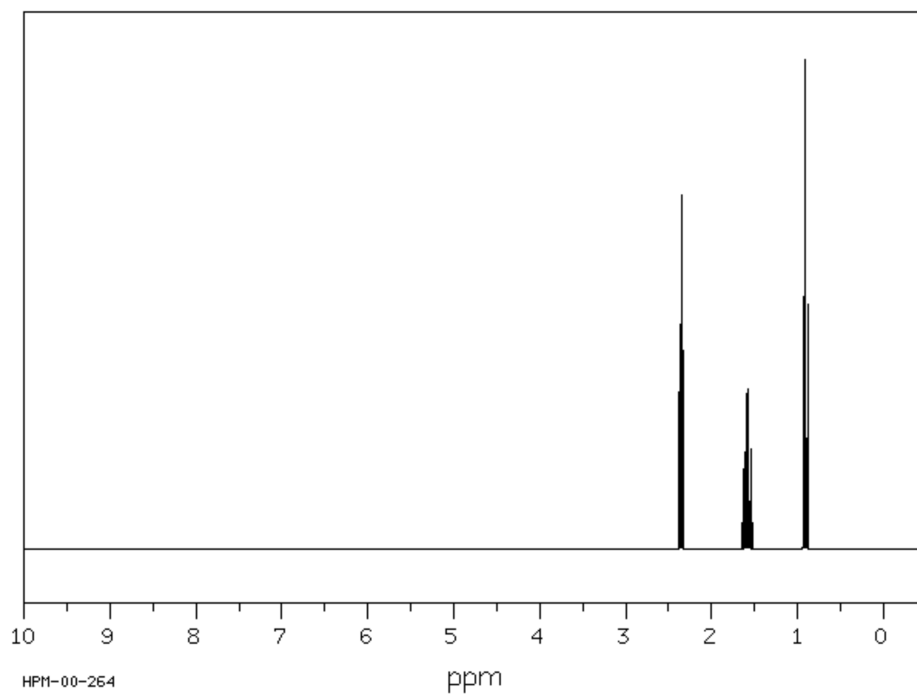
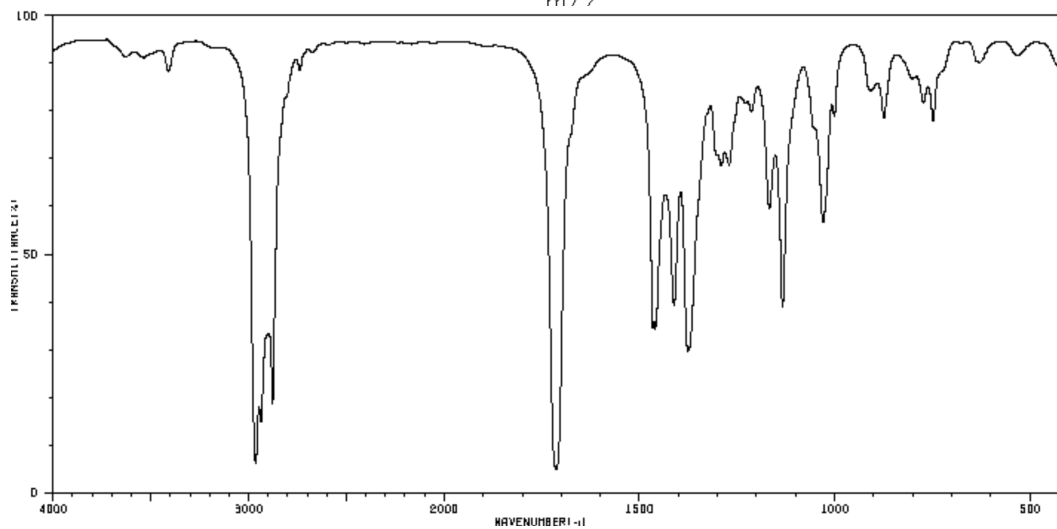
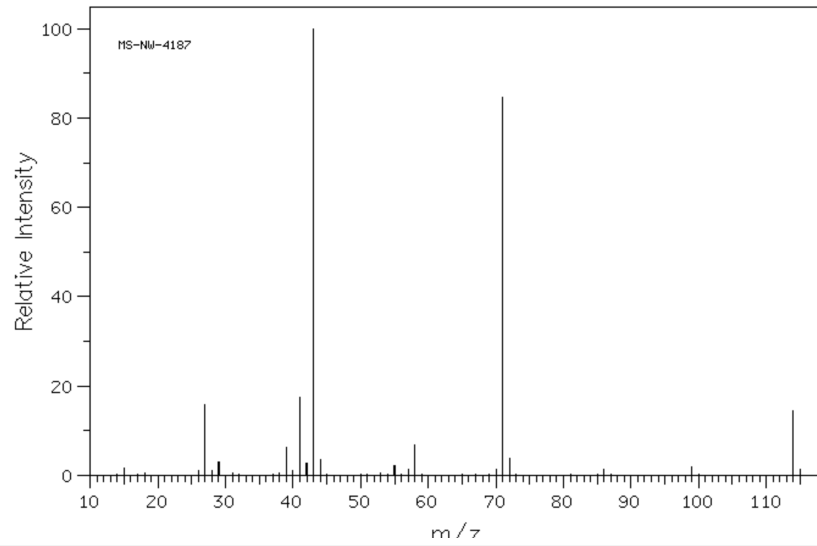


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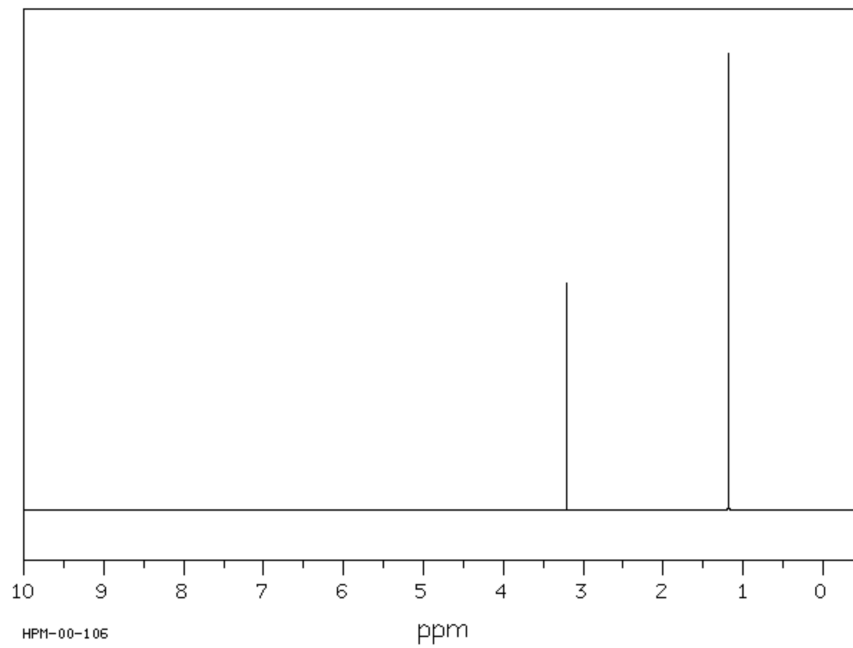
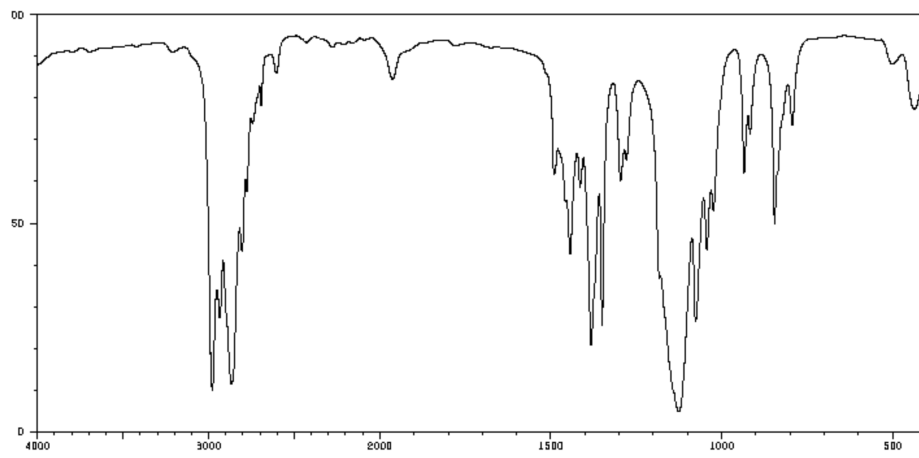
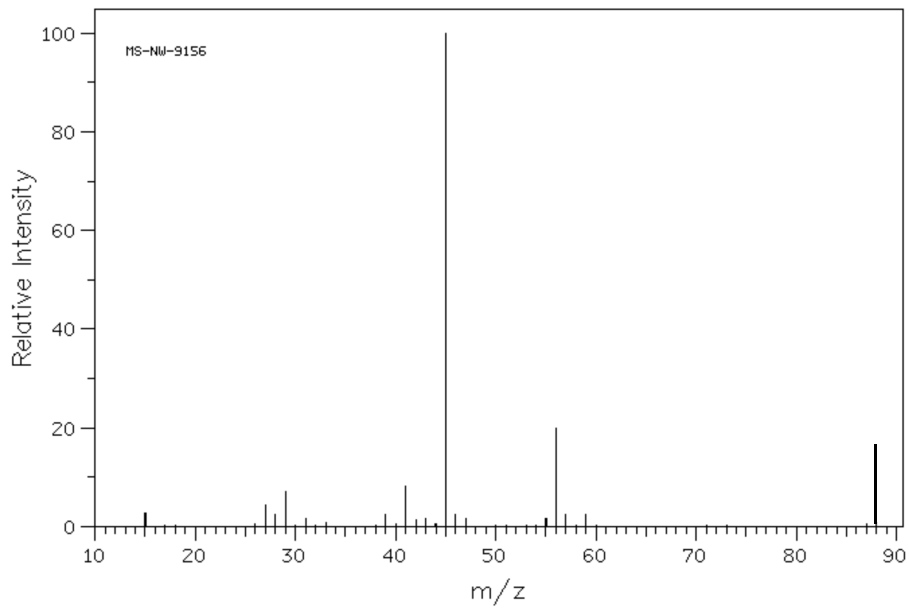
Spectroscopy Problem 2



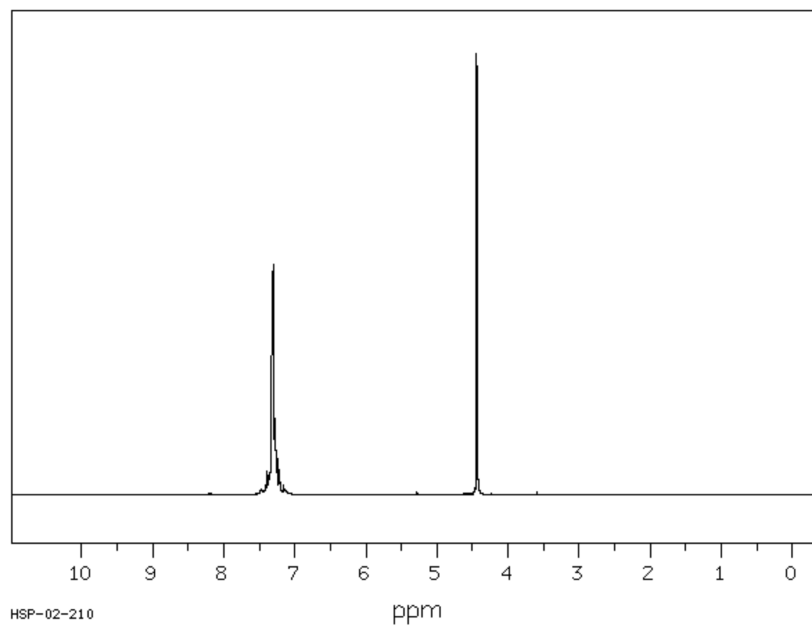
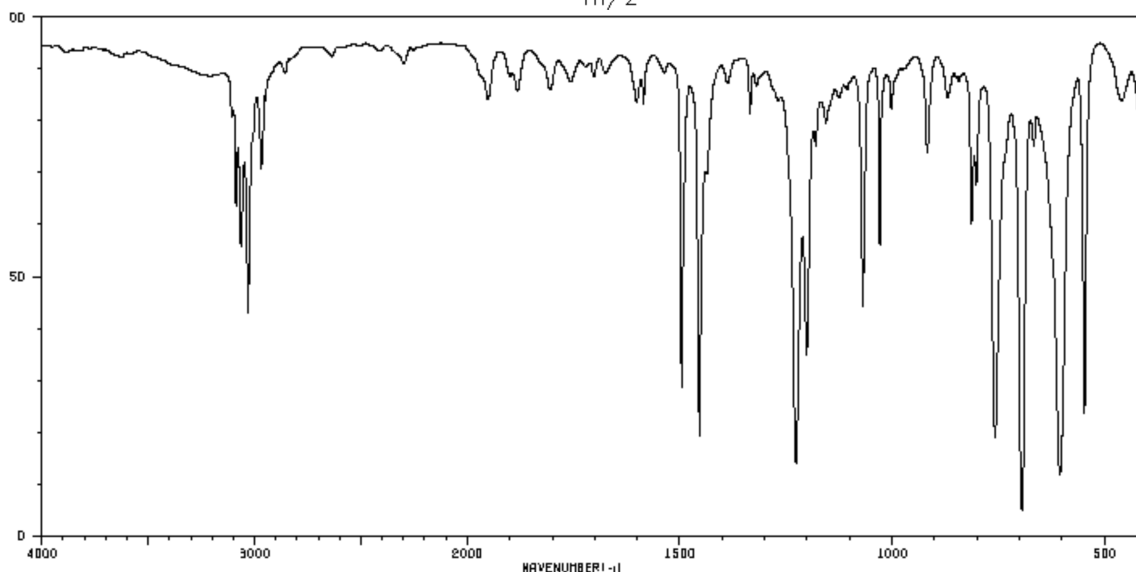
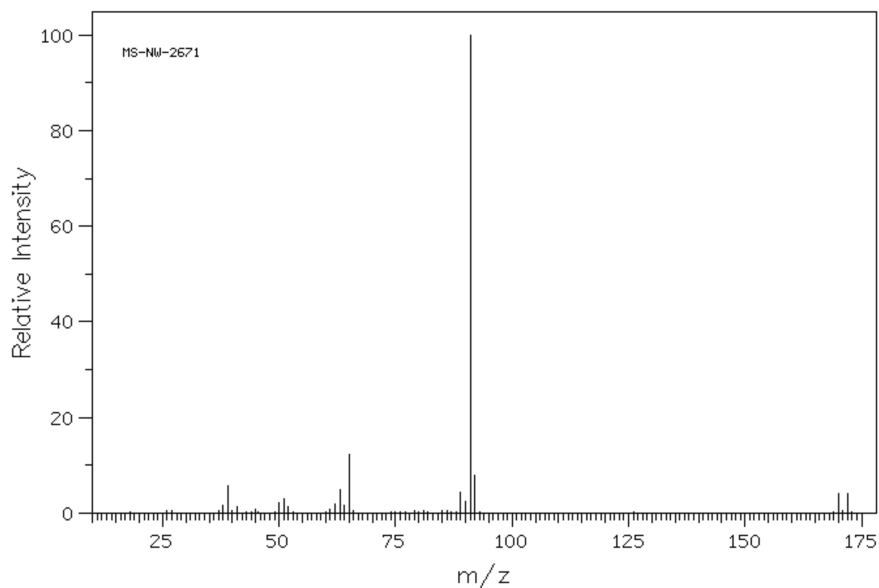
Spectroscopy Problem 3



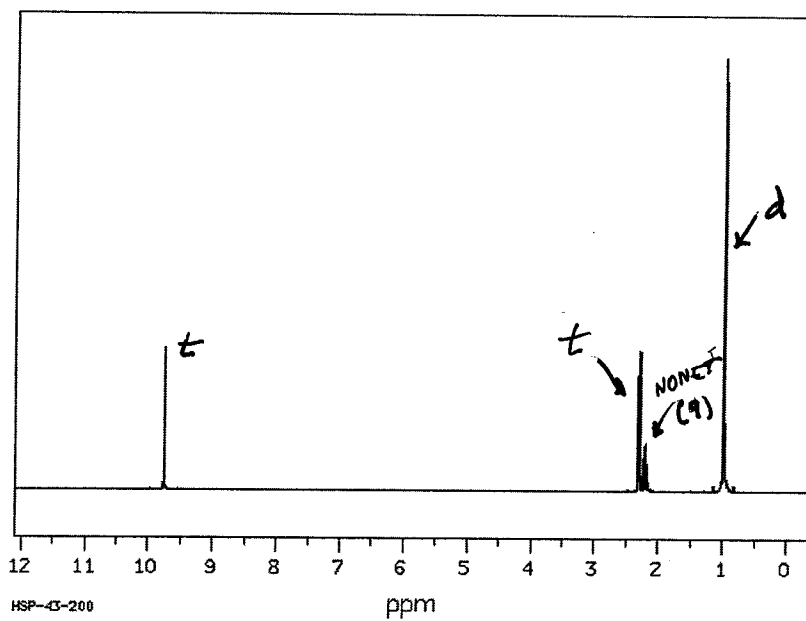
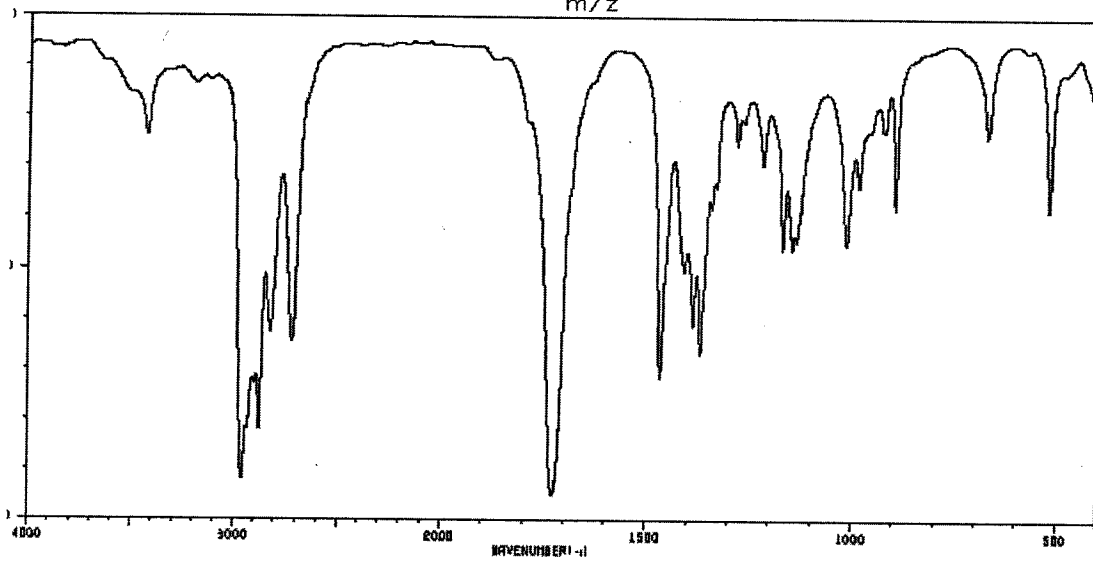
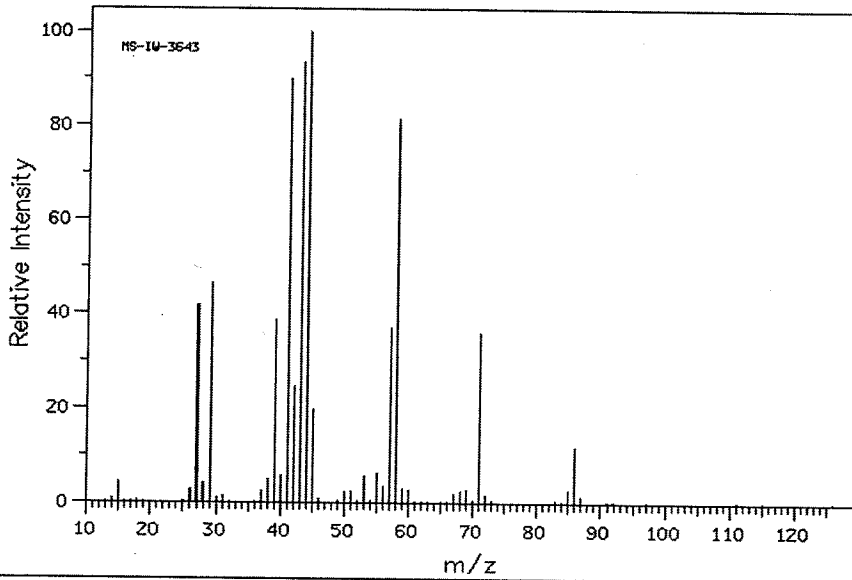
Spectroscopy Problem 4



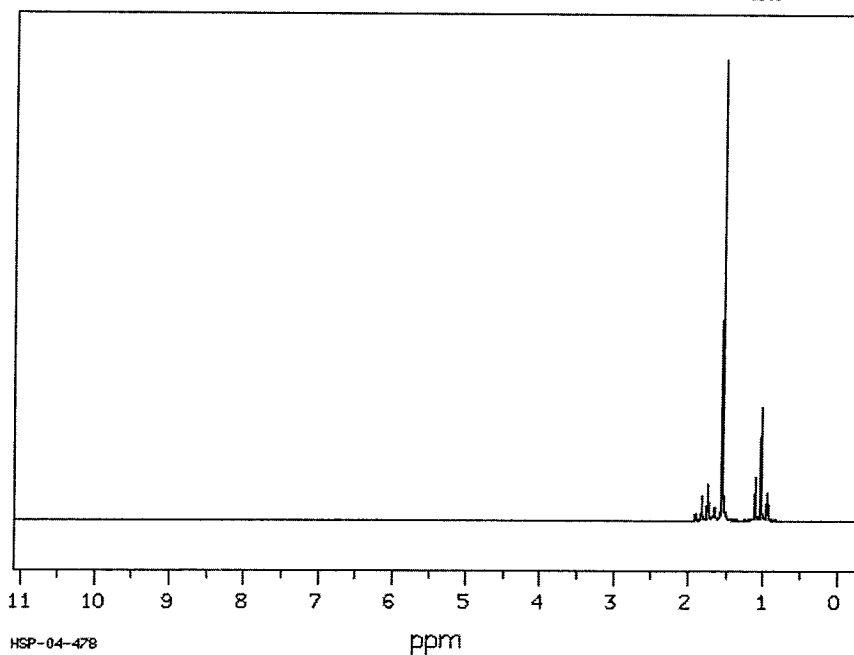
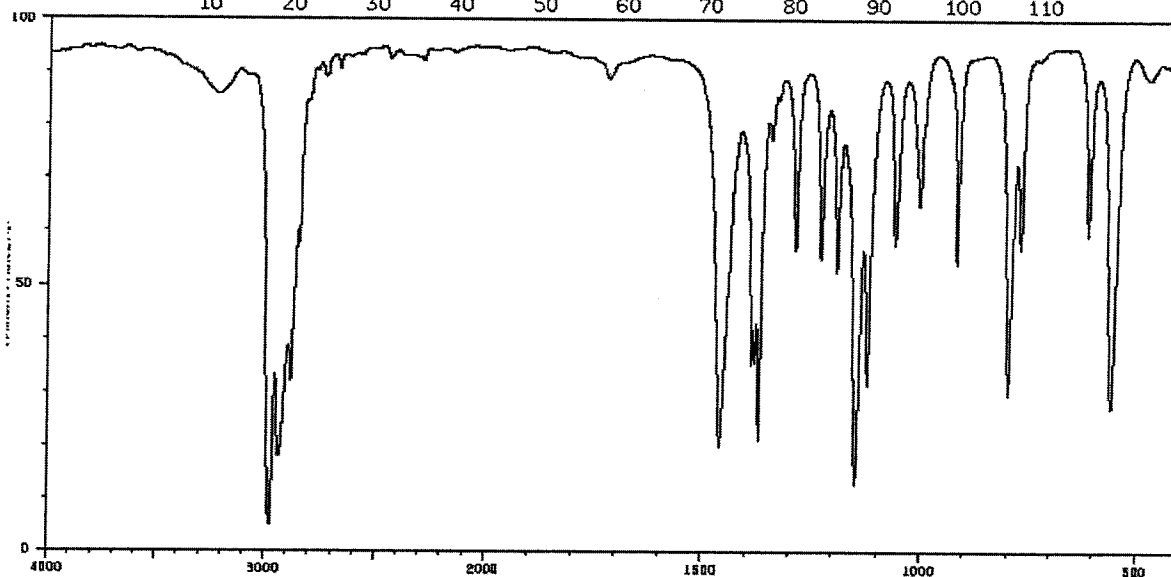
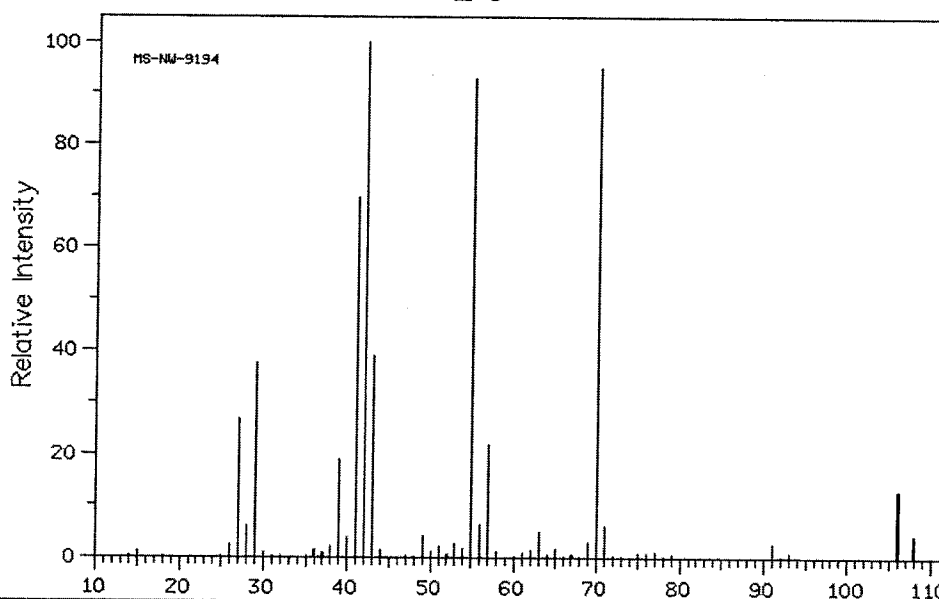
Spectroscopy Problem 5



Spectroscopy Problem 6



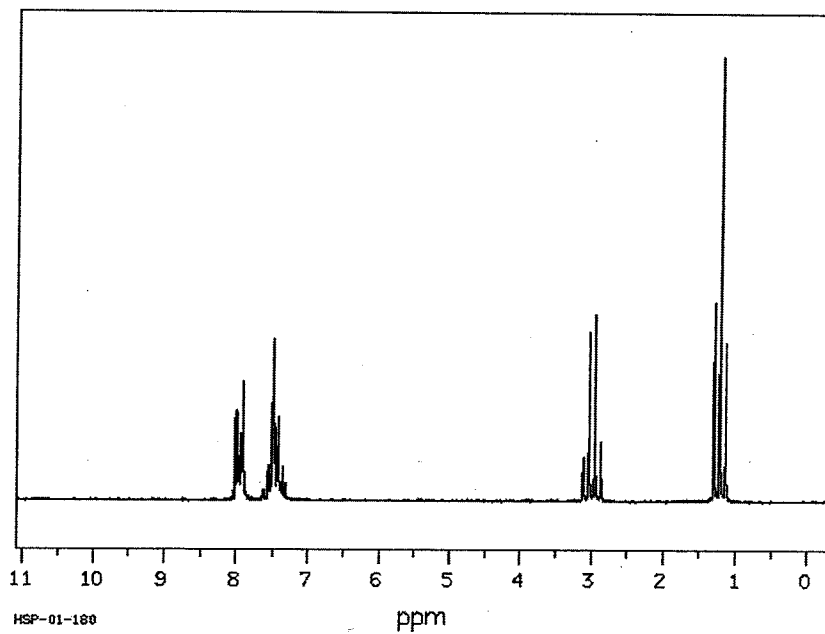
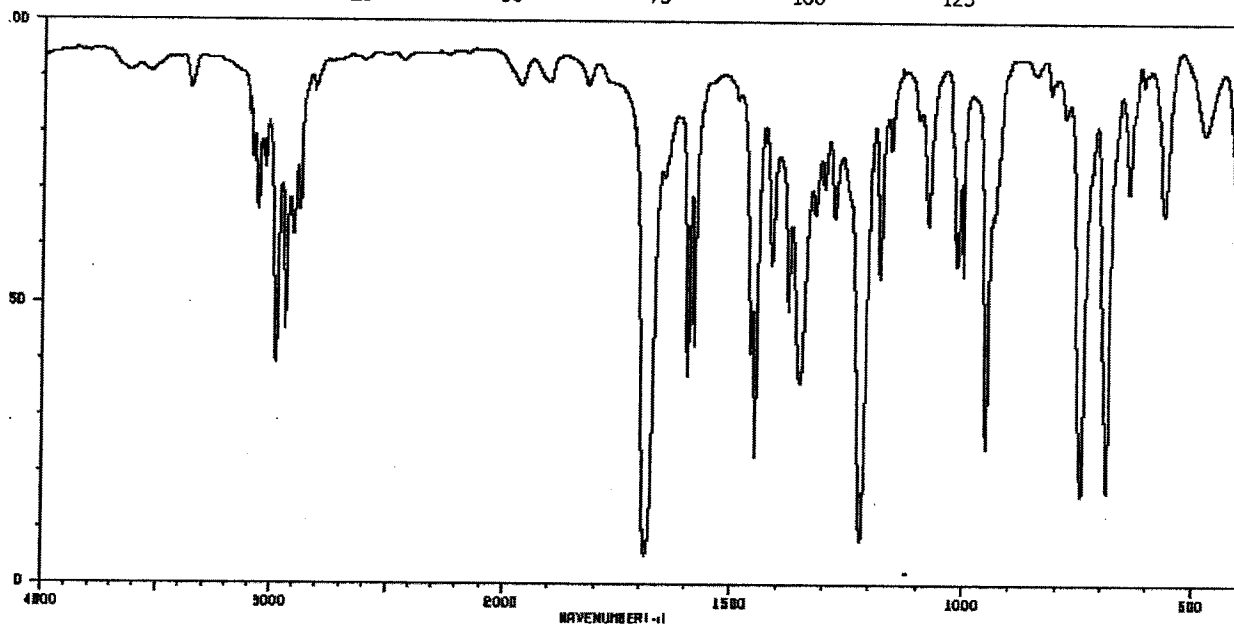
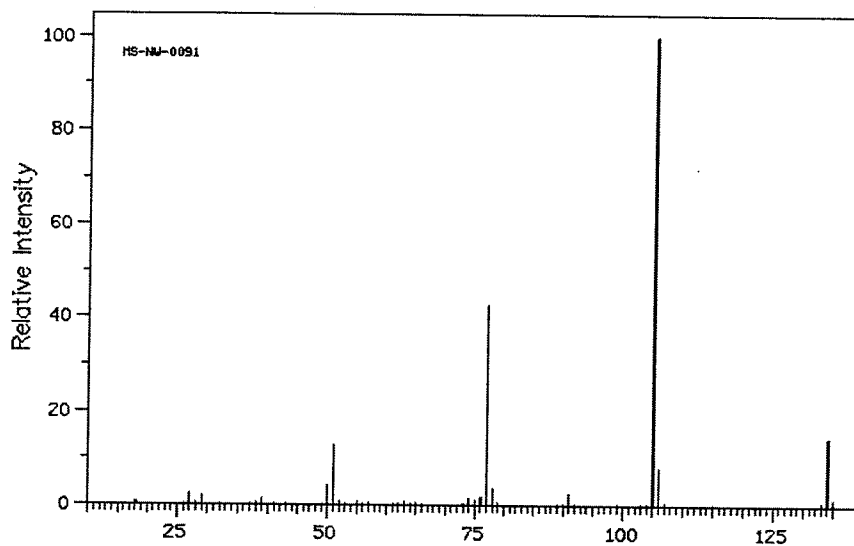
Spectroscopy Problem 7



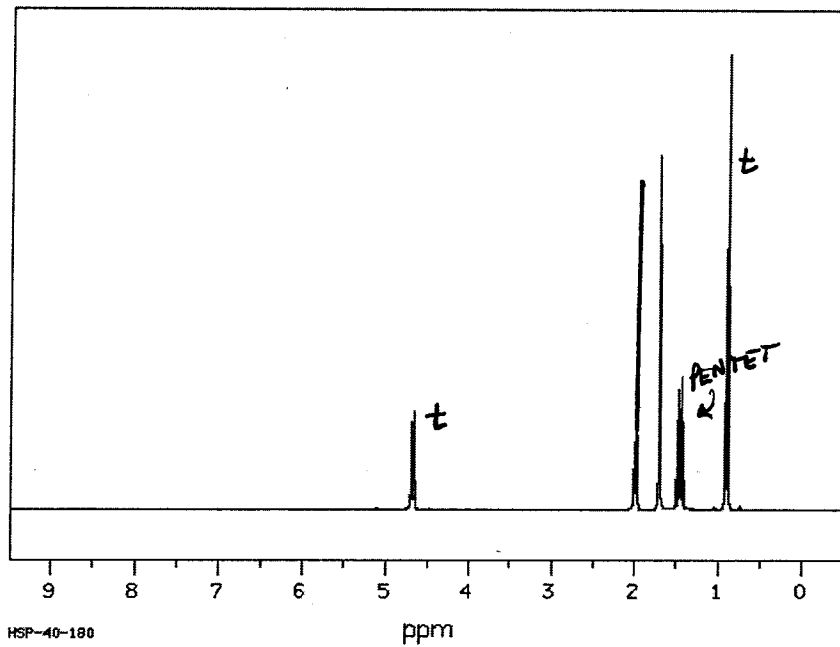
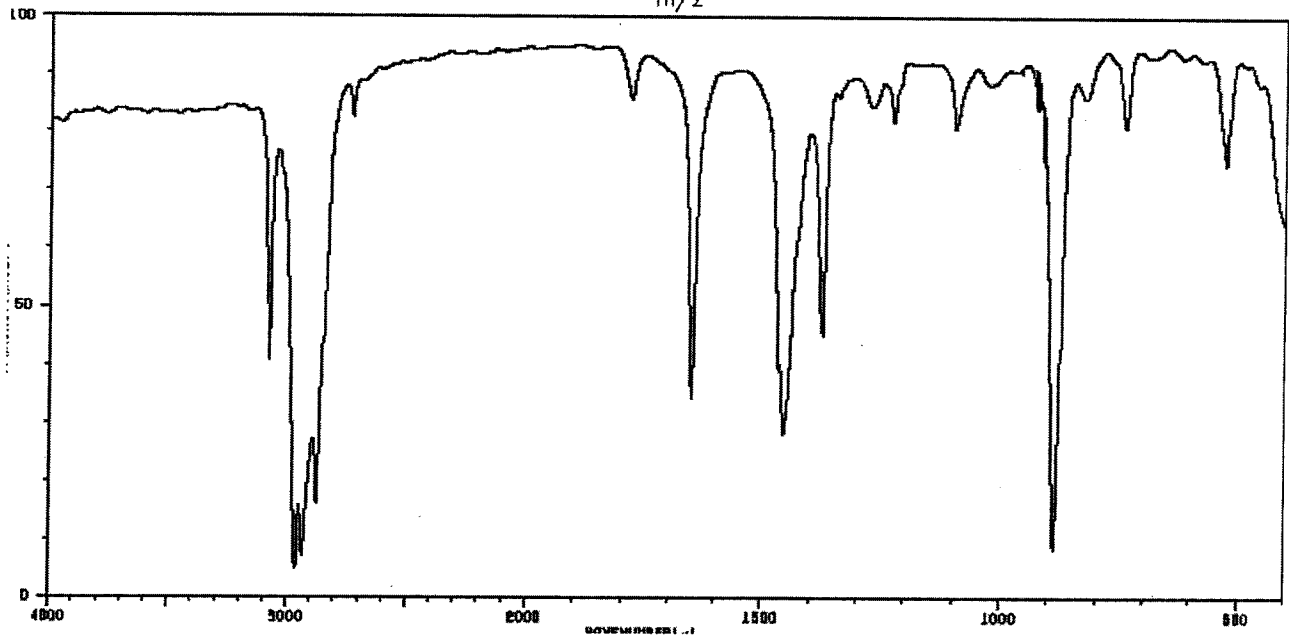
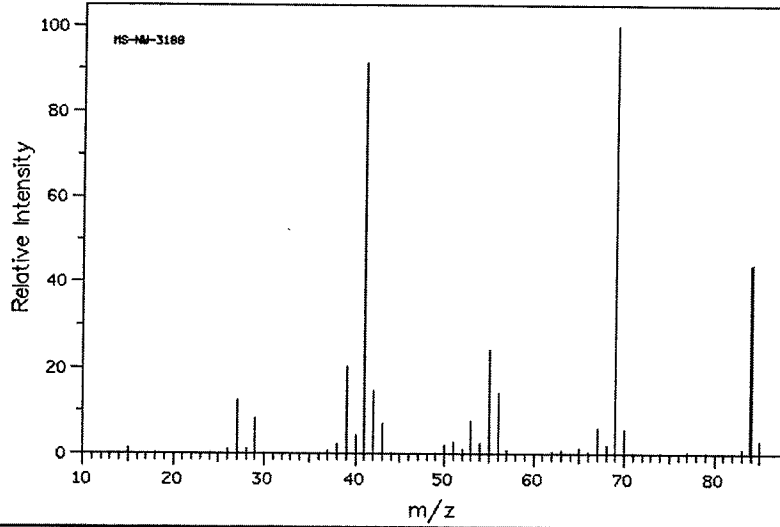
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ppm

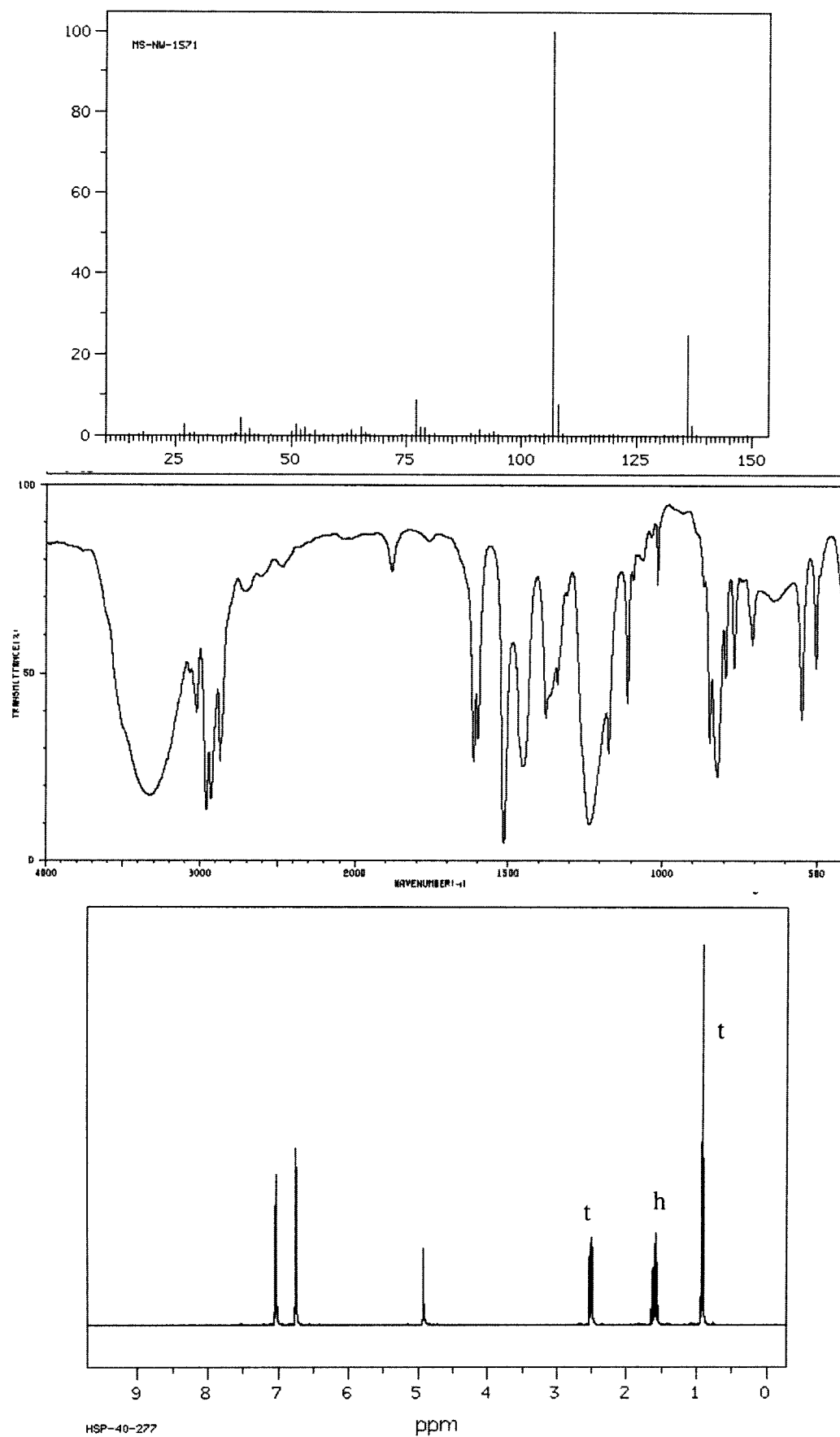
Spectroscopy Problem 8



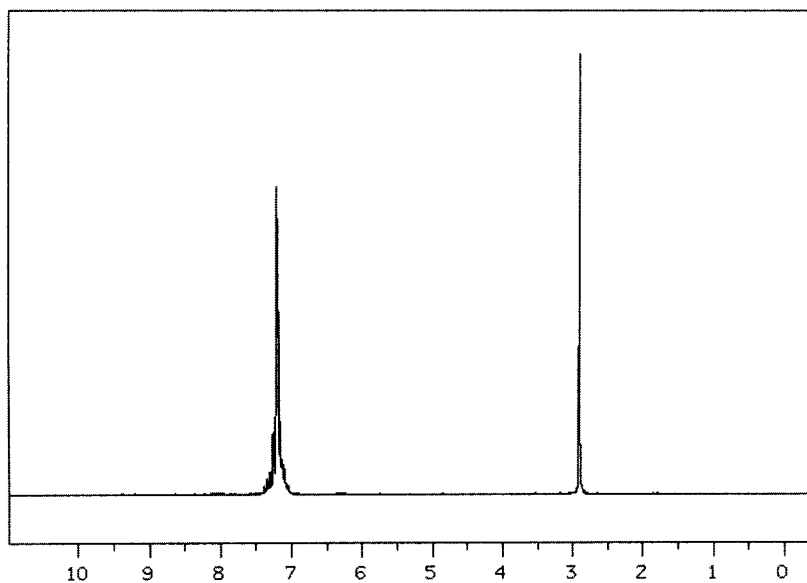
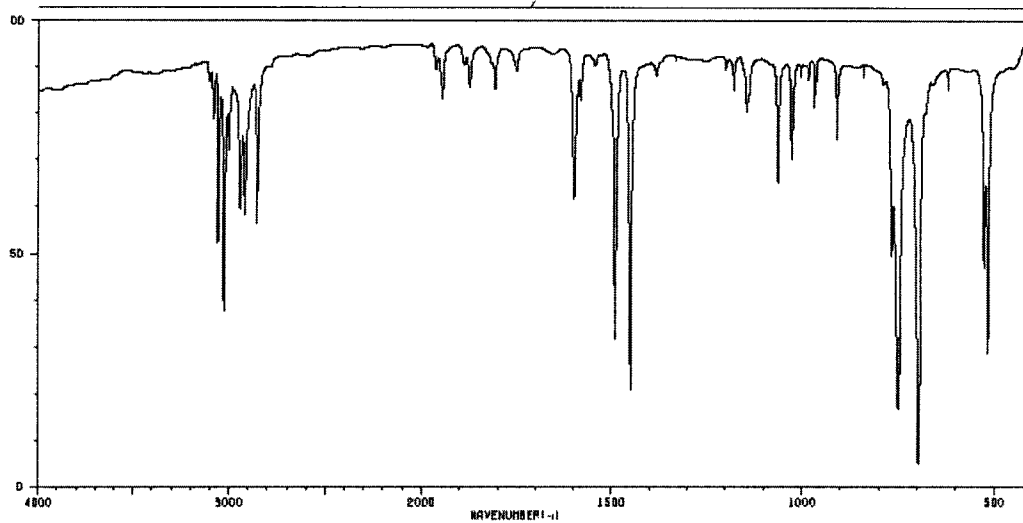
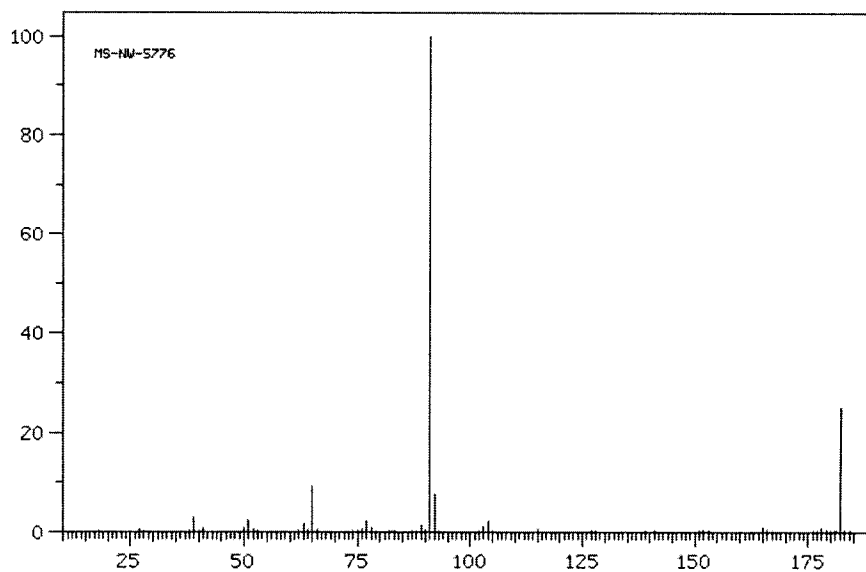
Spectroscopy Problem 9



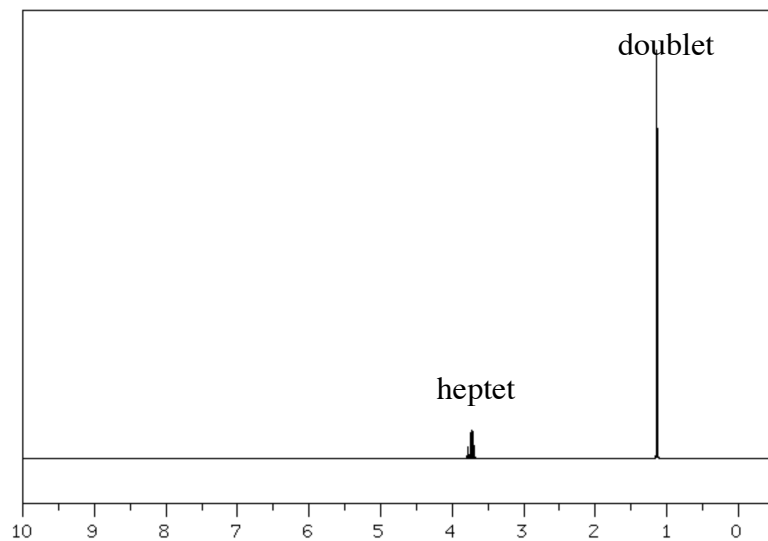
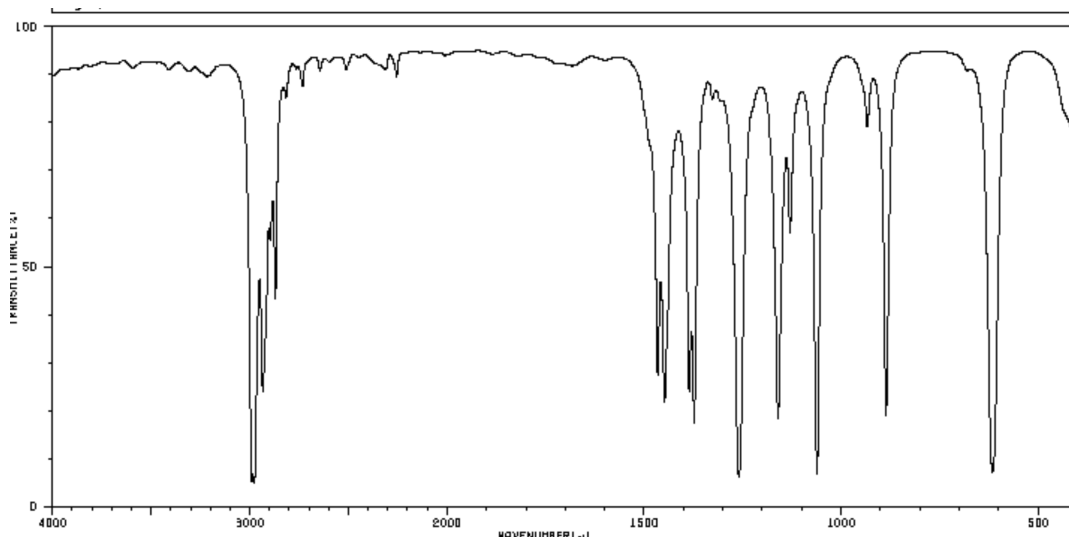
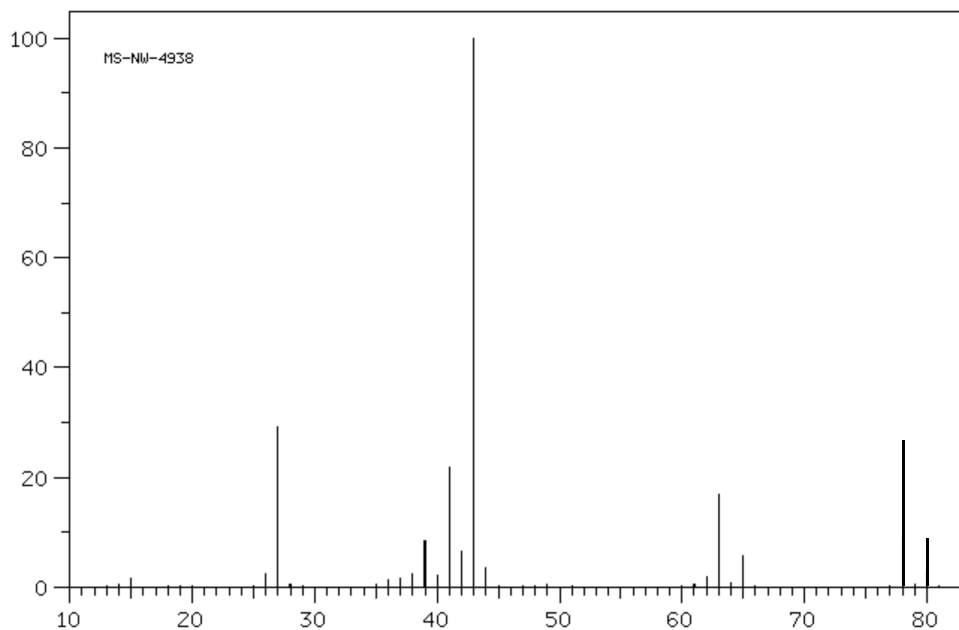
Spectroscopy Problem 10



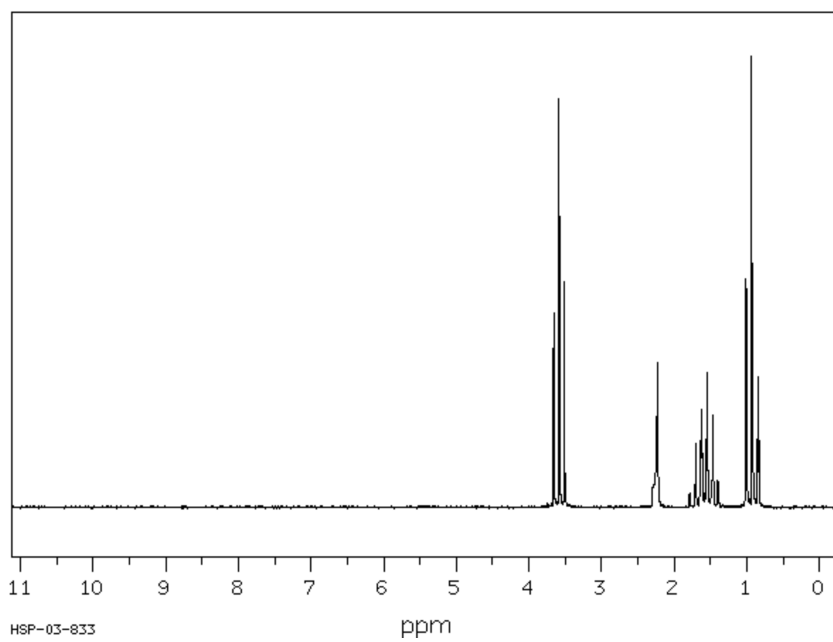
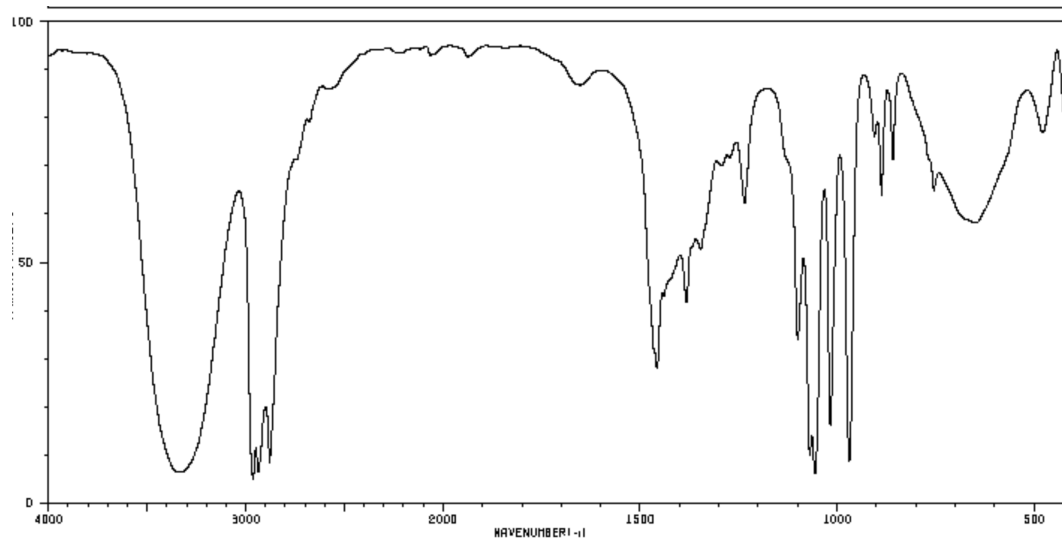
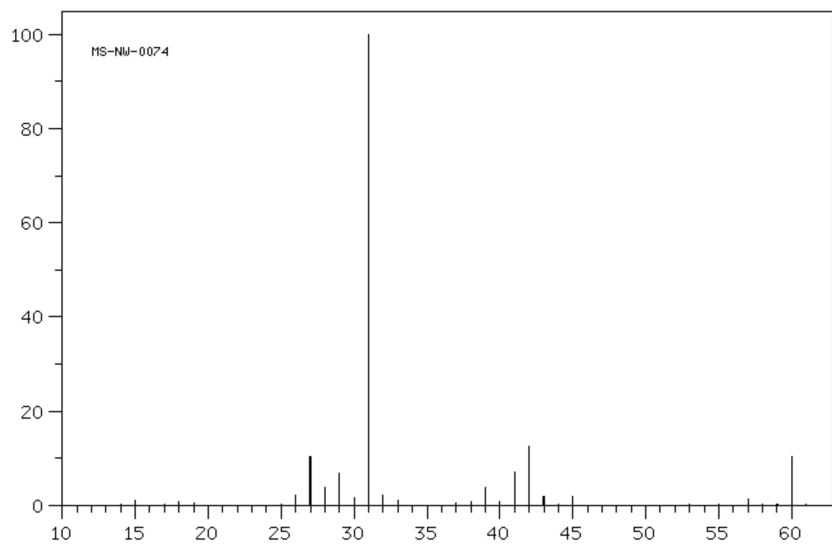
Spectroscopy Problem 11 (challenge!)



Spectroscopy Problem 12



Spectroscopy Problem 13



Spectroscopy Problem 14

