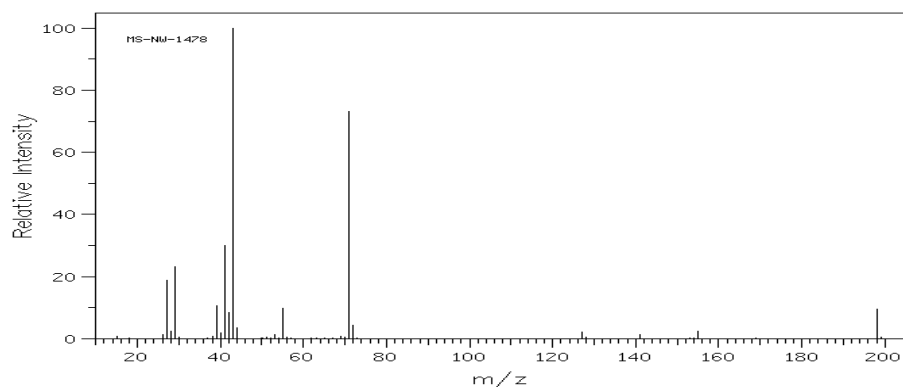


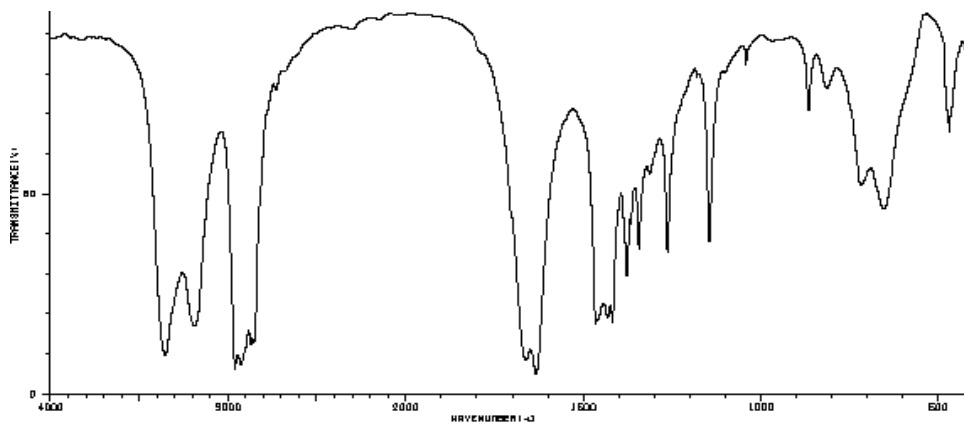
Name: _____

Organic II Lecture
Spring 2013
Quiz #1
(10 points)

1. Provide a possible structure for the compound represented in the following mass spectrum. (3 points, problem 12-27)



2. What functional group is contained in the compound represented by the following IR spectrum? Justify your answer by labeling key peaks. (2 points)



- Turn the page over -

3. Use the scale below to predict the ^1H NMR spectrum for the following compound. Correlate each peak with each proton environment. (5 points)

