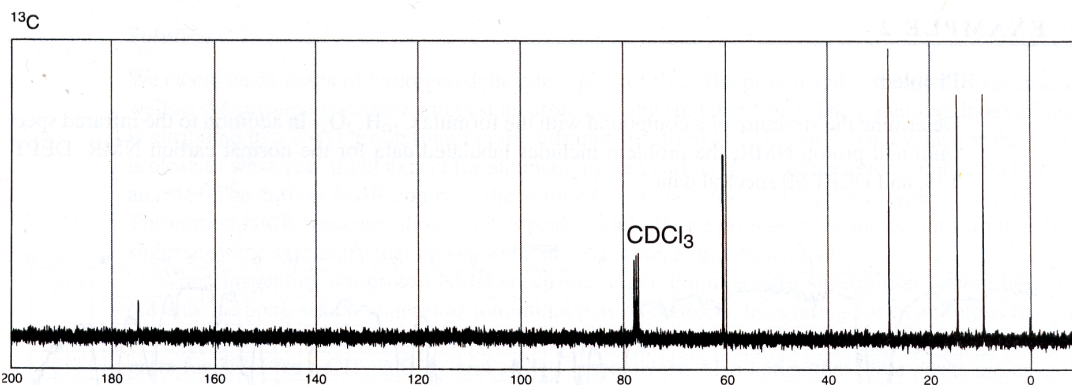
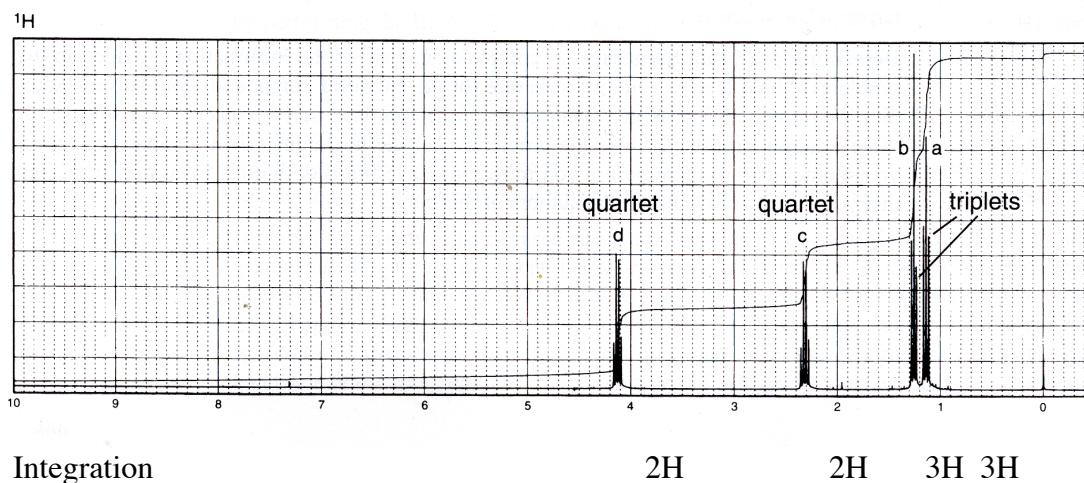
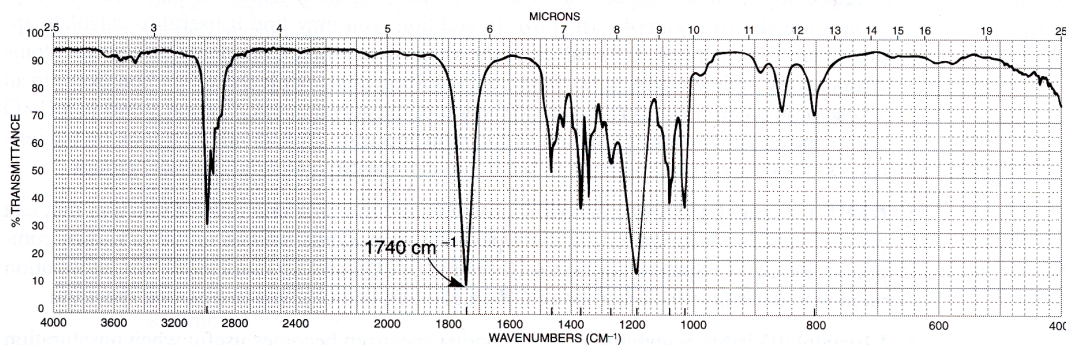


FEEL FREE TO PRINT THIS PAGE AND WRITE YOUR ANSWERS ON THIS SHEET

1. Determine the structure of a compound with the formula $C_5H_{10}O_2$ given the IR, 1H -NMR, and ^{13}C -NMR provided below. Assign the appropriate peaks in the IR and NMR spectra (on the spectra below) and providing a short narrative (on the following page) describing what structural information each piece of data provided..



Chemistry 256
Prof. Loyd Bastin

Startup #10

Spring 2016
Due: 04/01/16

2. Provide the products produced from each of the following reactions.

