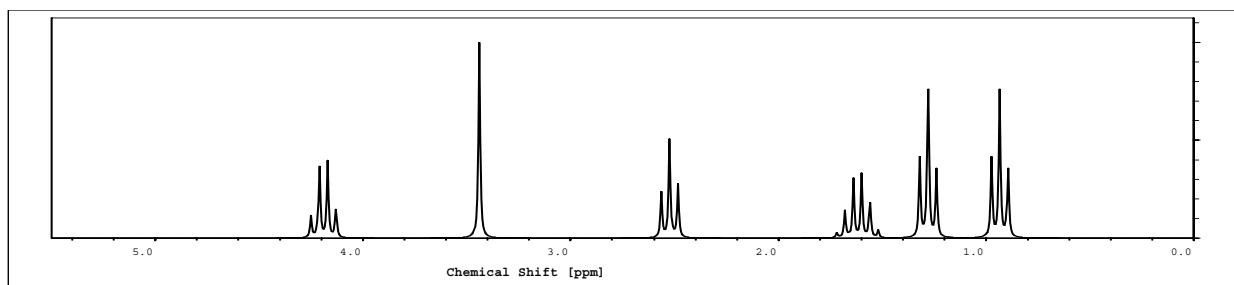
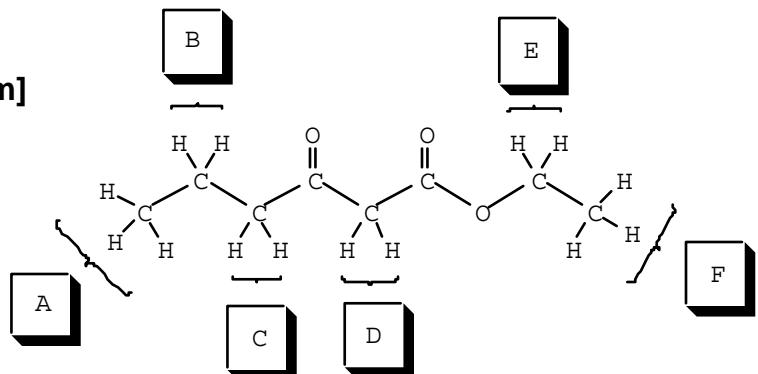


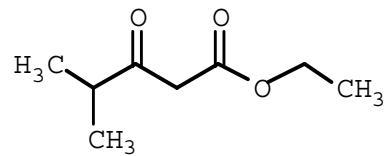
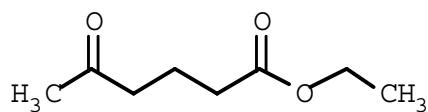
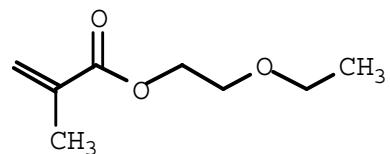
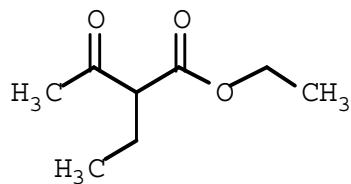
CH 203 Fall 2010: Sample NMR problems

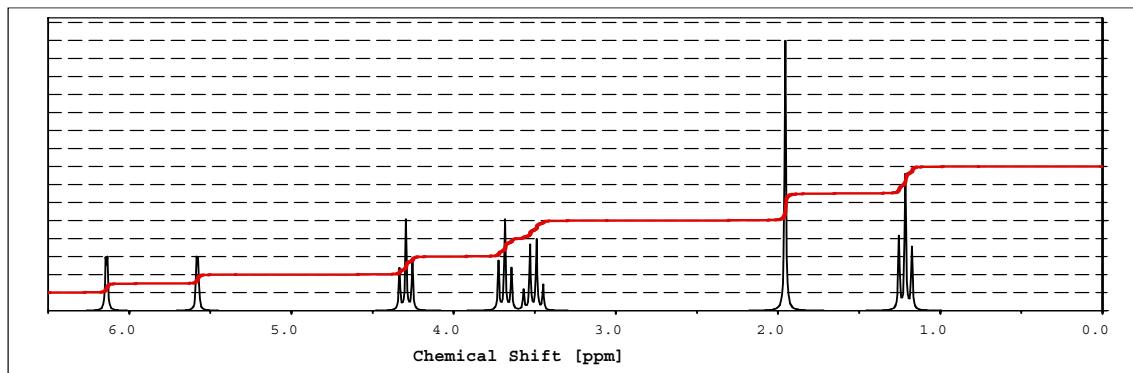
(1) Assign the signals in the NMR spectrum of this compound to the appropriate set of protons.

Assign.	Chemical shift [ppm]
_____	δ 0.93
_____	δ 1.28
_____	δ 1.62
_____	δ 2.52
_____	δ 3.44
_____	δ 4.19

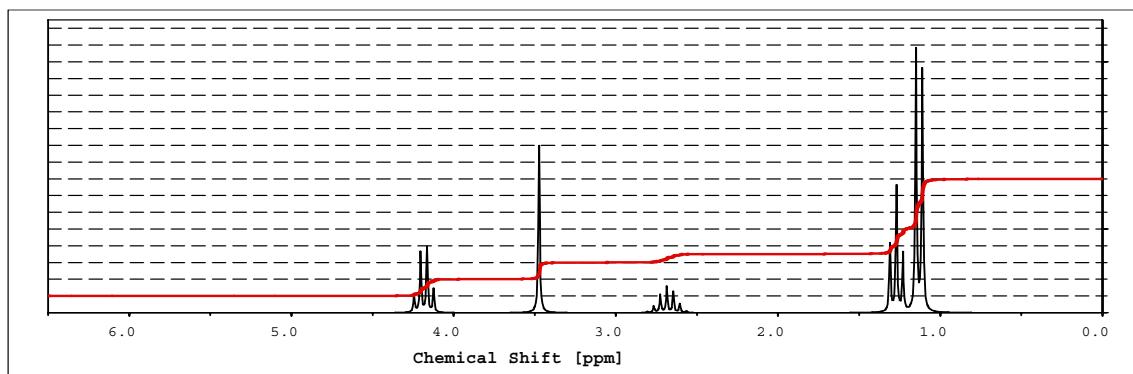


(2) Match each C₈H₁₄O₃ isomer to its NMR spectrum.

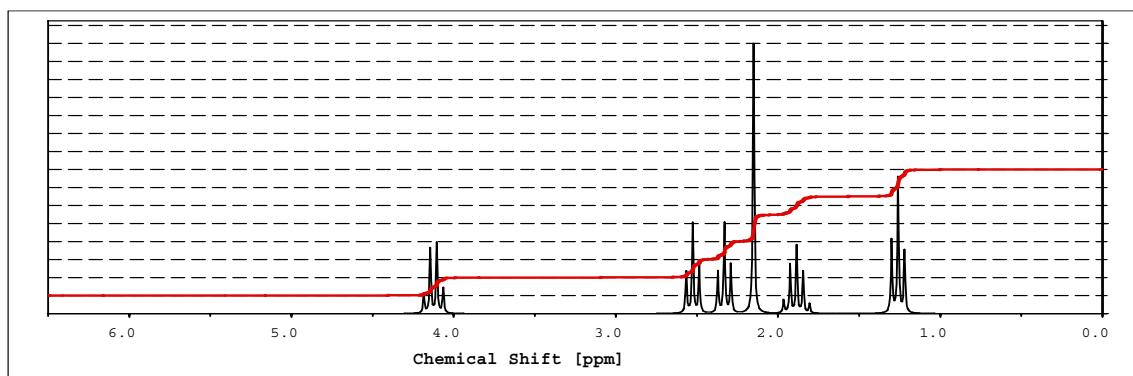




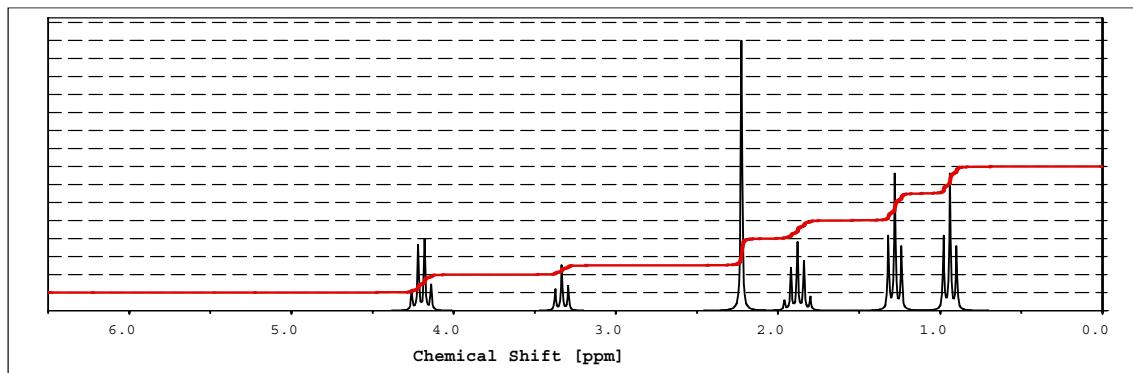
A



B



C



D