

Quiz #7

Name: _____.

1) (2 pts) Show mechanism (arrows) of the McLafferty rearrangement of propyl hexanoate.

2) (1 pt each) Draw representatives of the following functional groups:

a) urea

b) carbamate

c) carbonate

d) peroxide

e) disulfide

3) (3 pts) Describe two regions of the following IR spectrum (i.e. what functional groups are causing the signals you choose?) Suggest a possible structure based on the IR spectrum and the fact that the formula is: $C_7H_6O_2$ (hint: there is no carboxylate)

