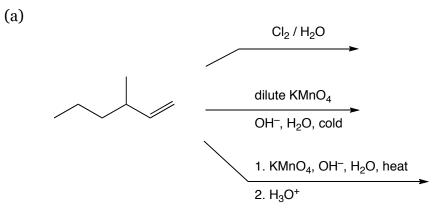
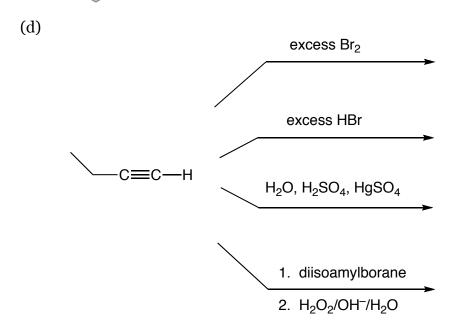
Recitation Week 13 4/17/13

1. Give the major organic products of these reactions:



(c)
$$\frac{\text{(1) O}_3}{\text{(2) Me}_2\text{S}}$$



2. Draw the mechanism for the following reaction:

3. How many signals would you expect to observe in the ¹H NMR spectrum of each of these compounds? For each signal, predict its approximate chemical shift, and give its relative integration (if there is more than one signal).

(d)