

1/30/12

L1

Pre-lab for experiment 3 due 2/1/12

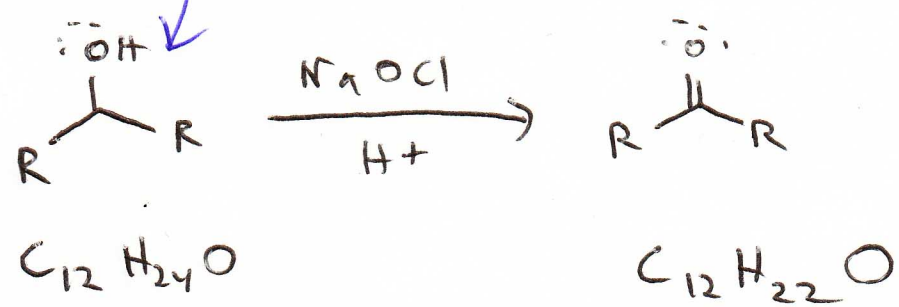
Lab report exp. 1 - due 2/6/12

Lab report exp. 2 - due 2/8/12

Lab reports 1+2

- title
- spectra
- spectral analysis
- % yield

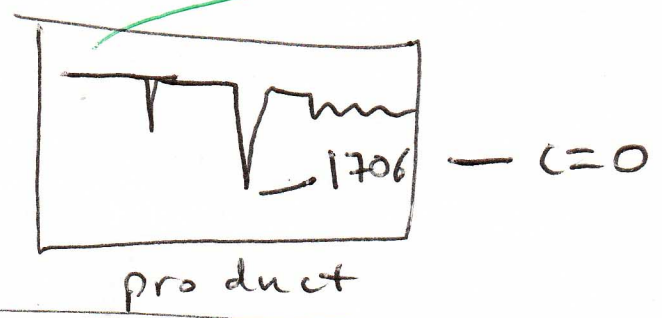
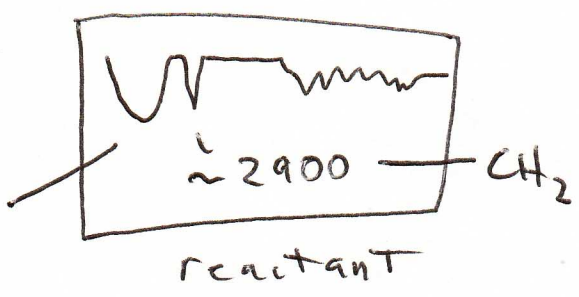
limiting reagent



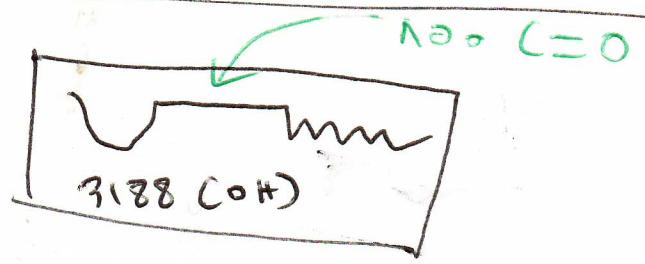
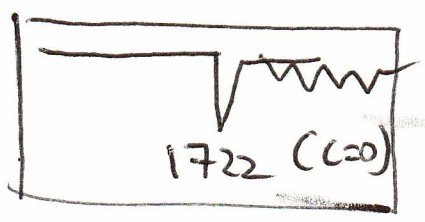
$$\text{theoretical yield} = \frac{0.5000 \text{ g C}_{12}\text{H}_{24}\text{O}}{1} \times \frac{1 \text{ mol alcohol}}{\text{MM}[\text{C}_{12}\text{H}_{24}\text{O}]} \times \frac{1 \text{ mol ketone}}{1 \text{ mol alcohol}} \times \frac{\text{MM}[\text{C}_{12}\text{H}_{22}\text{O}]}{1 \text{ mol ketone}} =$$

$$\% \text{ yield} = \frac{\text{mass obtained}}{\text{theoretical mass}} \times 100\%$$

Lab 1

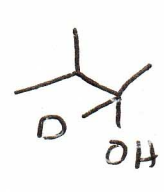
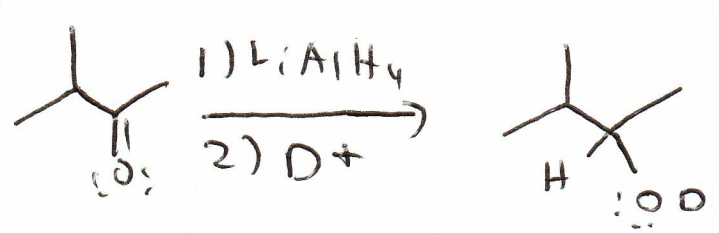
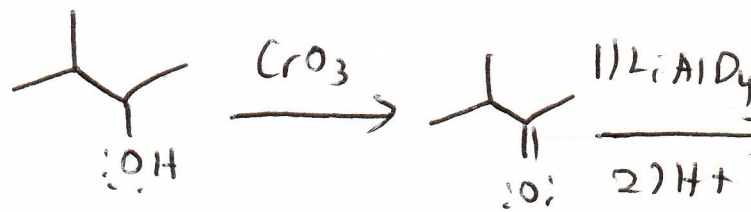
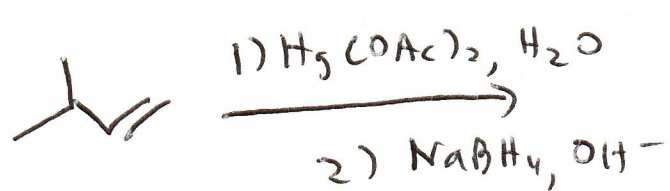
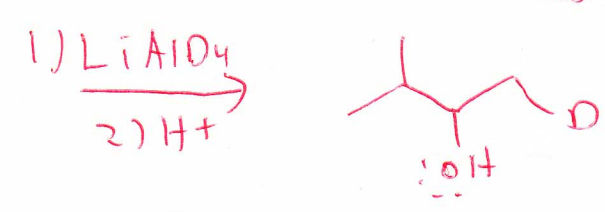
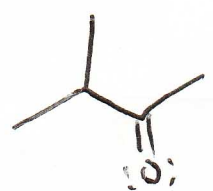
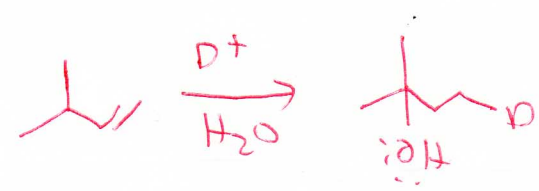
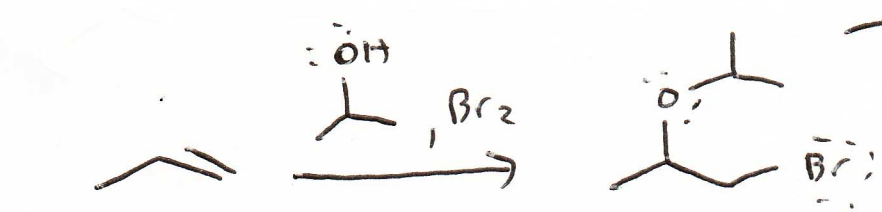
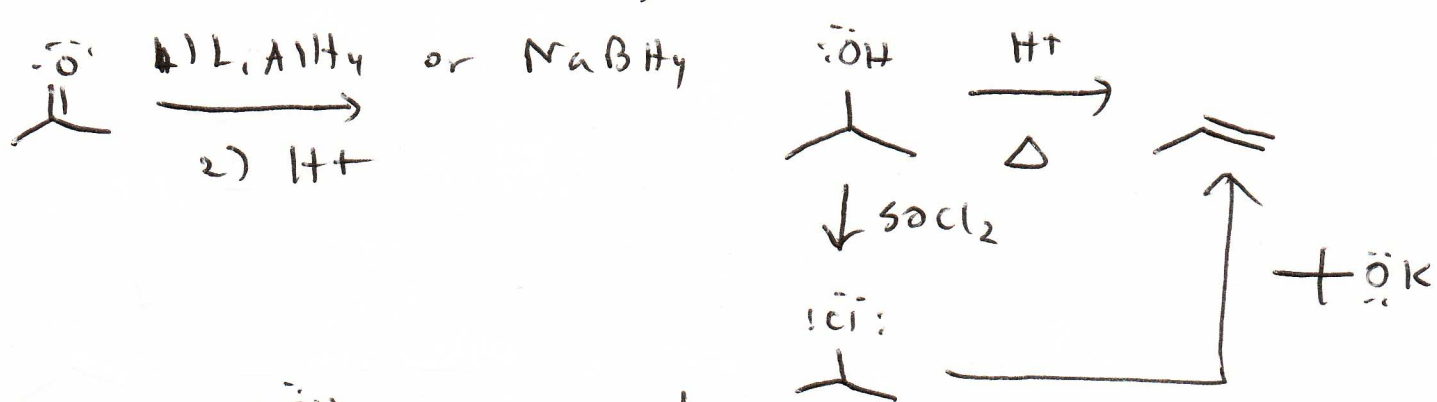
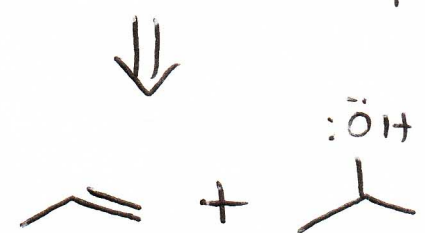
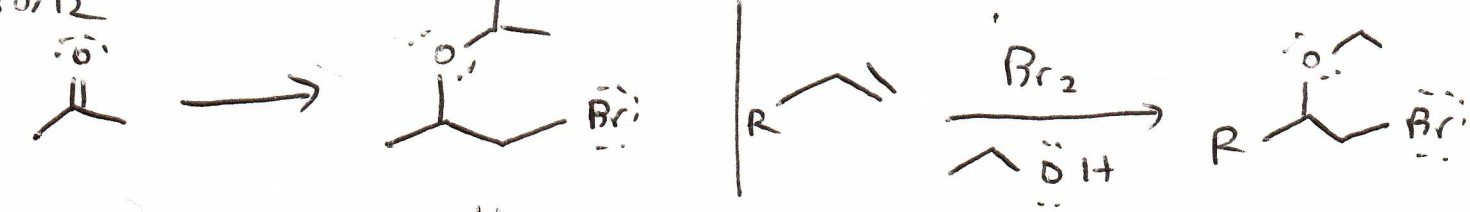


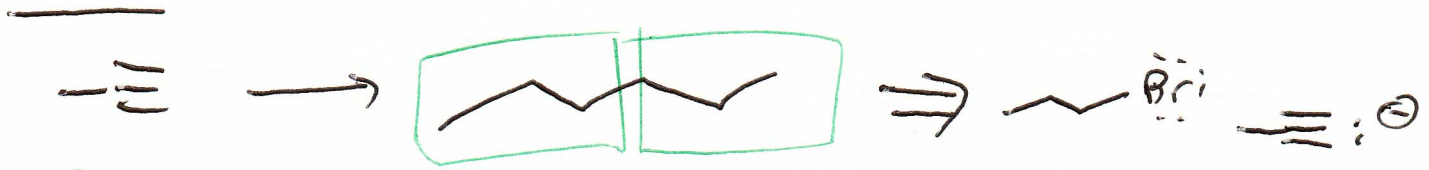
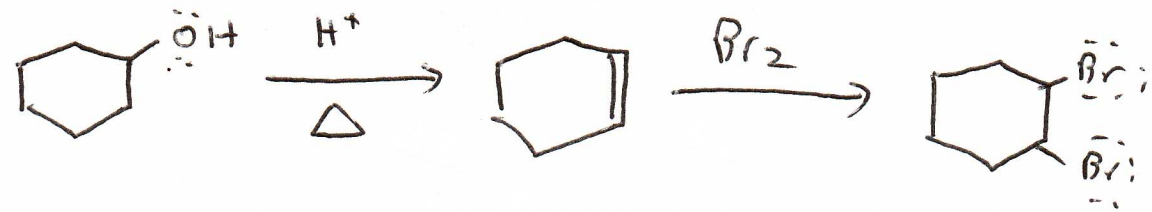
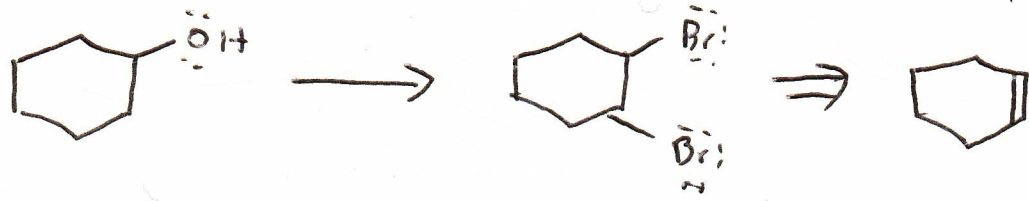
Lab 2



1/30/12

12





3c

