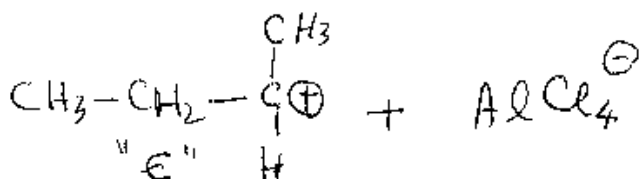
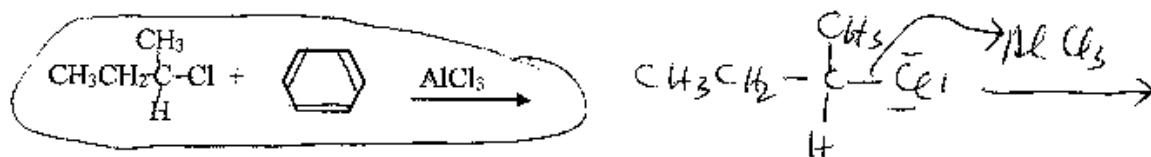
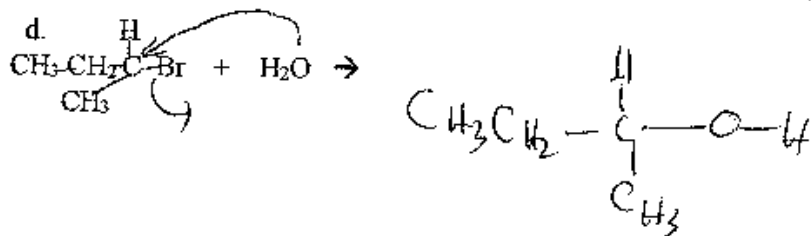
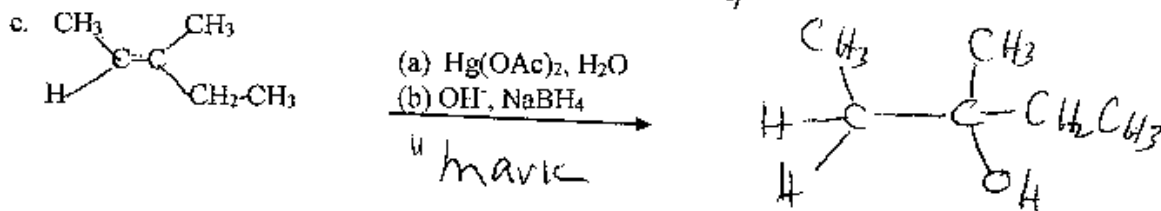
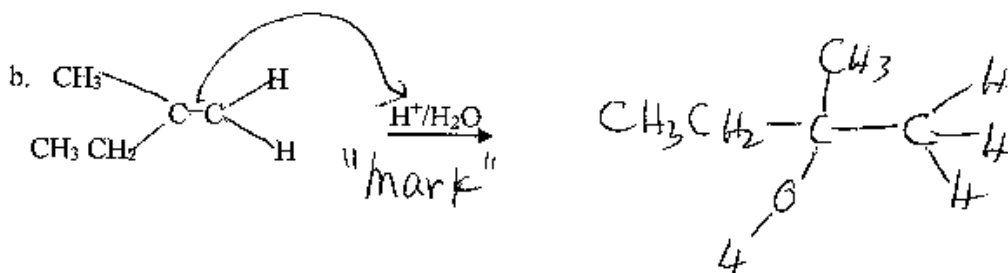
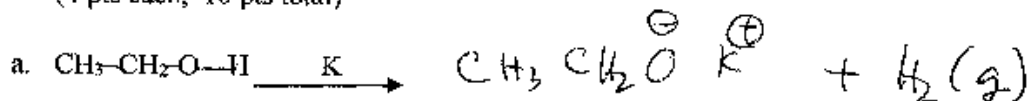


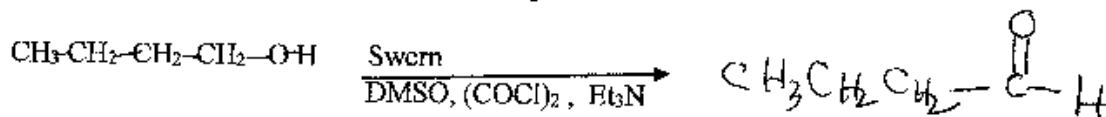
1. Show the mechanism of the generation of the electrophile for the following Friedel Crafts alkylation. (don't give me the rest of the "E" aromatic substitution - I won't grade it.) (9 pts)



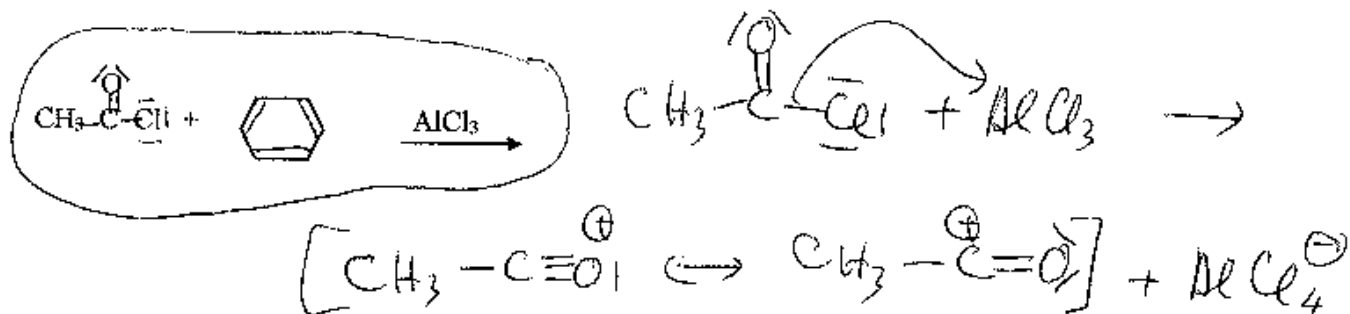
2. Complete the following reactions by giving the organic product. (DO NOT GIVE A MECHANISM) (4 pts each, 16 pts total)



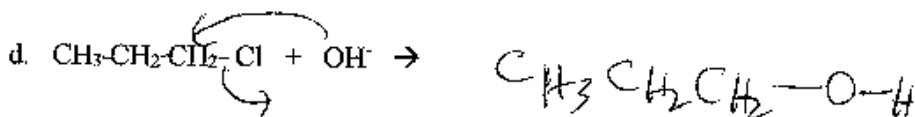
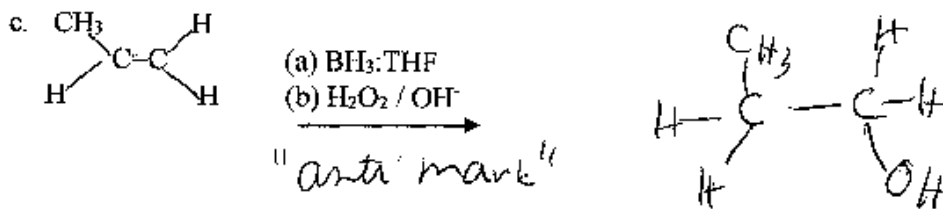
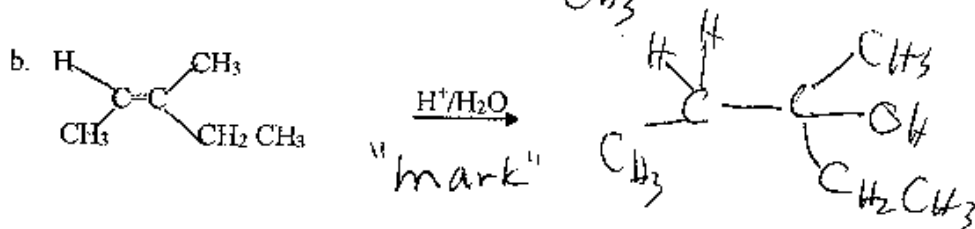
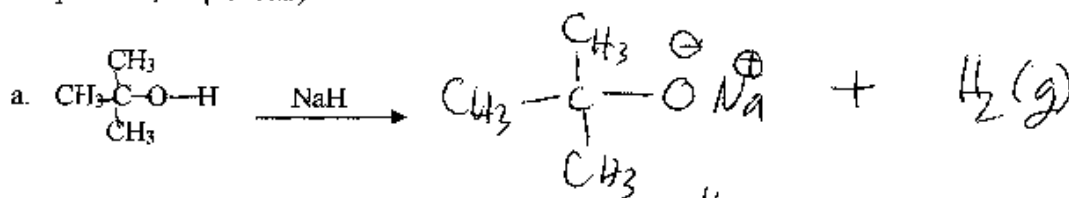
Extra Credit: (2 pts) Complete the following reaction.



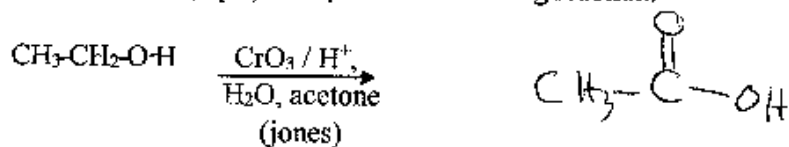
1. Show the mechanism of the generation of the electrophile for the following Friedel Crafts acylation. (don't give me the rest of the "E" aromatic substitution - I won't grade it.) (9 pts)



2. Complete the following reactions by giving the organic product. (DO NOT GIVE A MECHANISM) (4 pts each, 16 pts total)



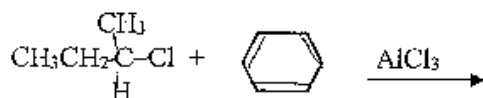
Extra Credit: (2 pts) Complete the following reaction.



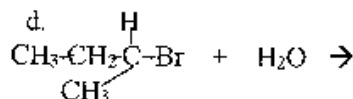
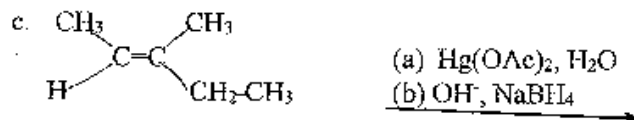
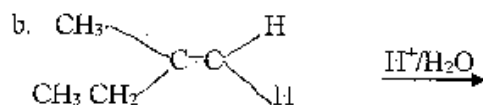
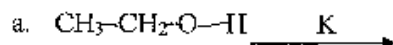
Please show work on all questions for partial credit even on questions which do not specify. (25 pts)

color

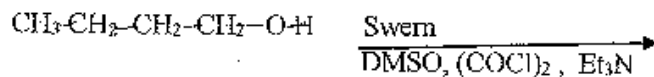
1. Show the mechanism of the generation of the electrophile for the following Friedel Crafts alkylation. (don't give me the rest of the "E" aromatic substitution - I won't grade it.) (9 pts)



2. Complete the following reactions by giving the organic product. (DO **NOT** GIVE A MECHANISM) (4 pts each, 16 pts total)



Extra Credit: (2 pts) Complete the following reaction.

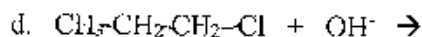
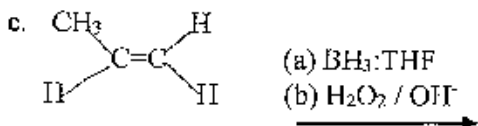
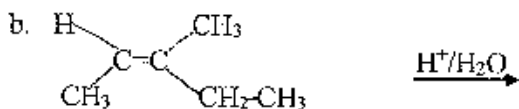
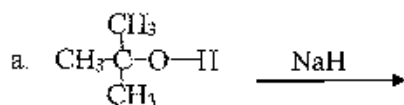


Please show work on all questions for partial credit even on questions which do not specify. (25 pts)

1. Show the mechanism of the generation of the electrophile for the following Friedel Crafts acylation. (don't give me the rest of the "E" aromatic substitution - I won't grade it.) (9 pts)



2. Complete the following reactions by giving the organic product. (DO **NOT** GIVE A MECHANISM) (4 pts each, 16 pts total)



Extra Credit: (2 pts) Complete the following reaction.

