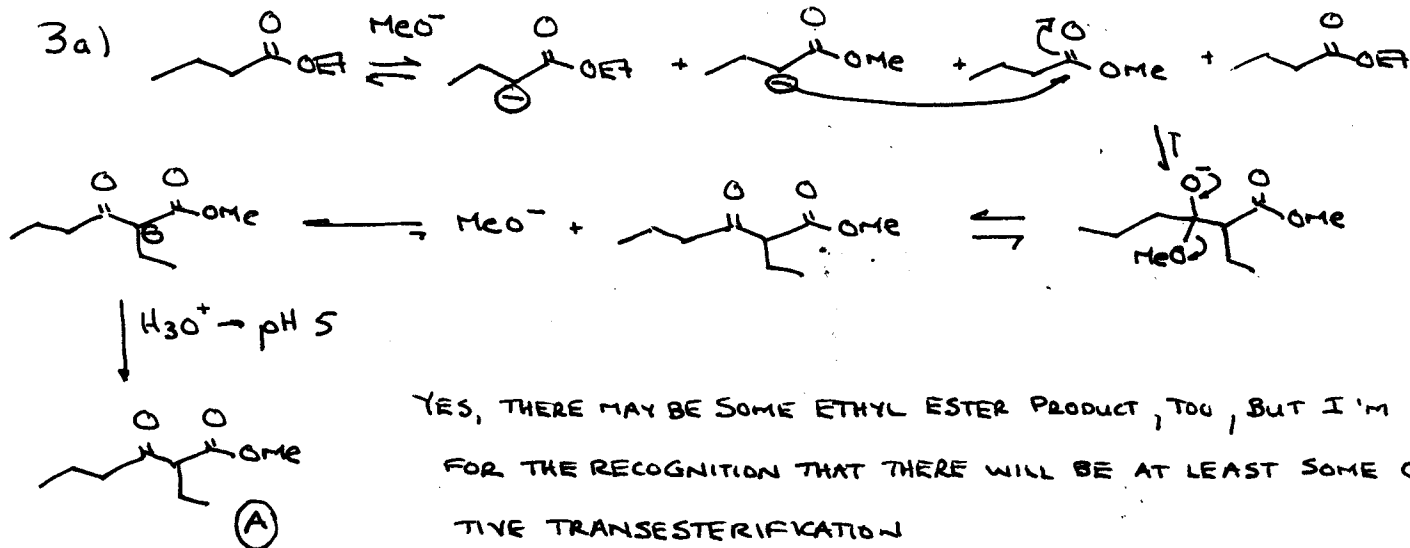
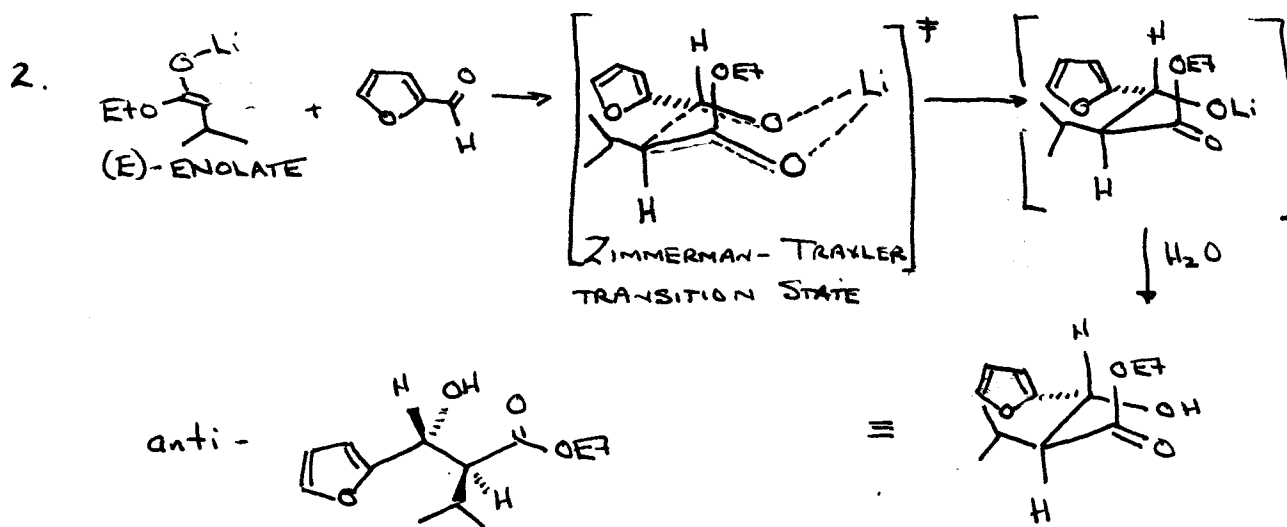
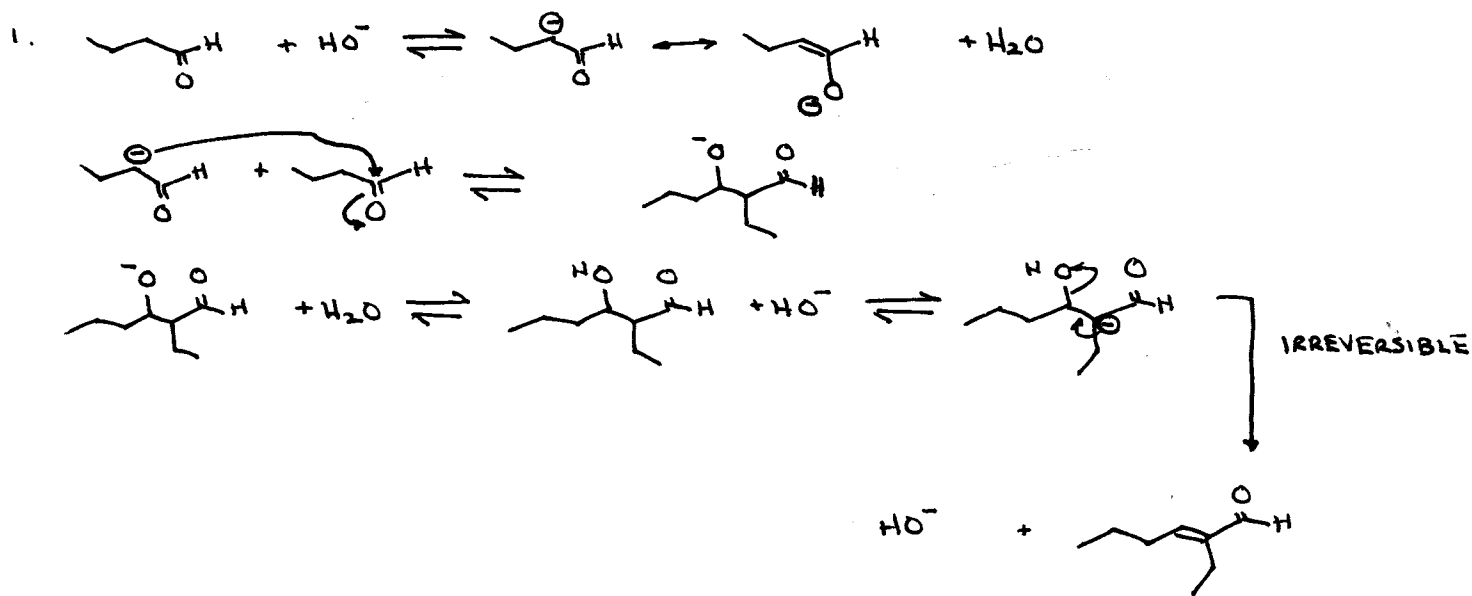
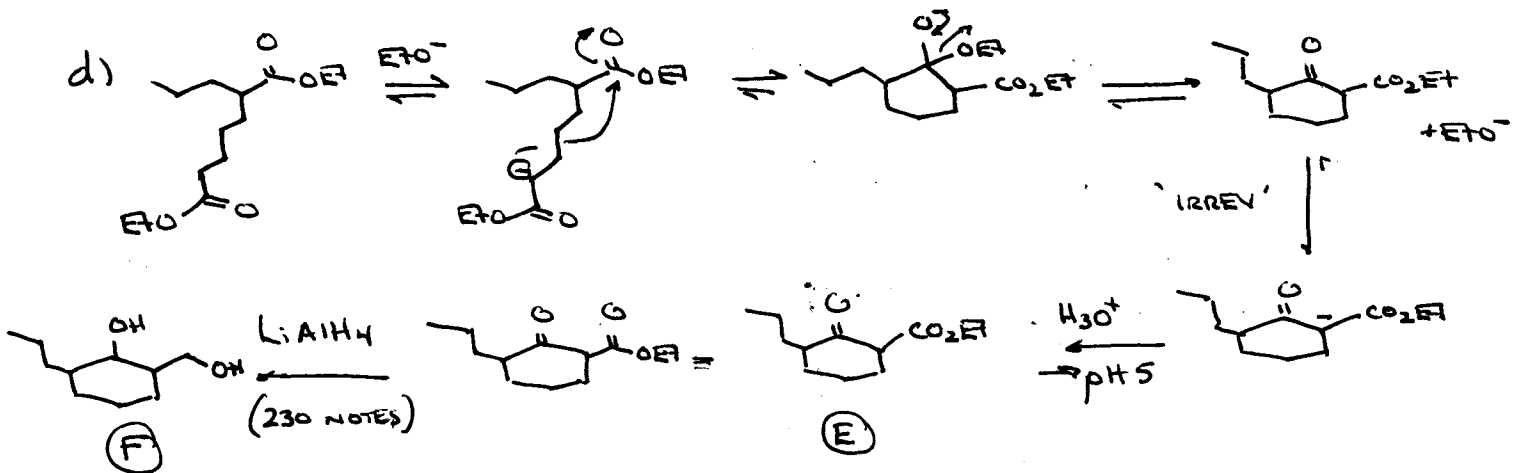
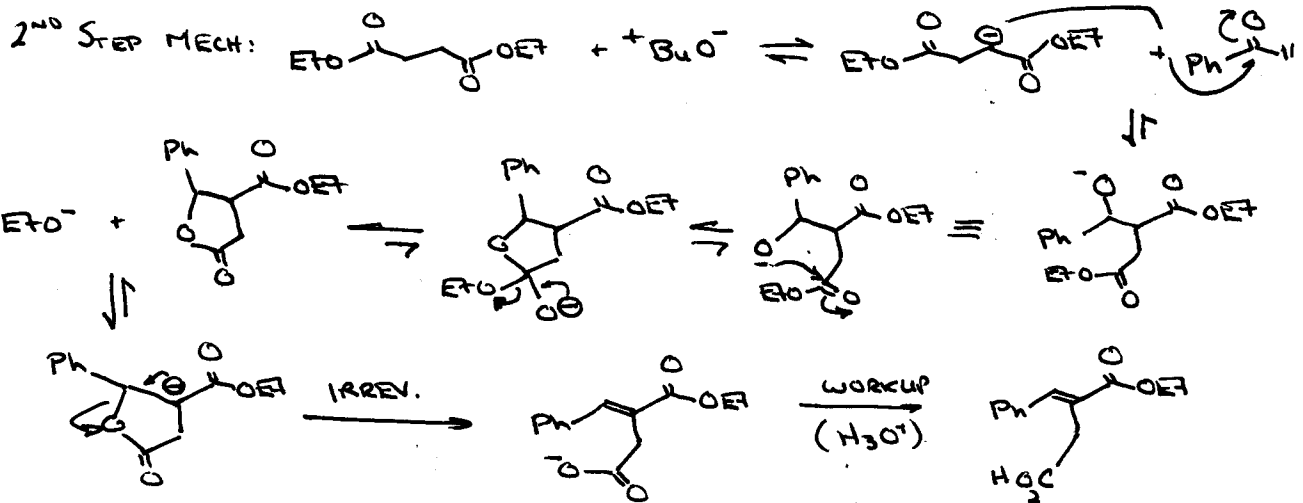
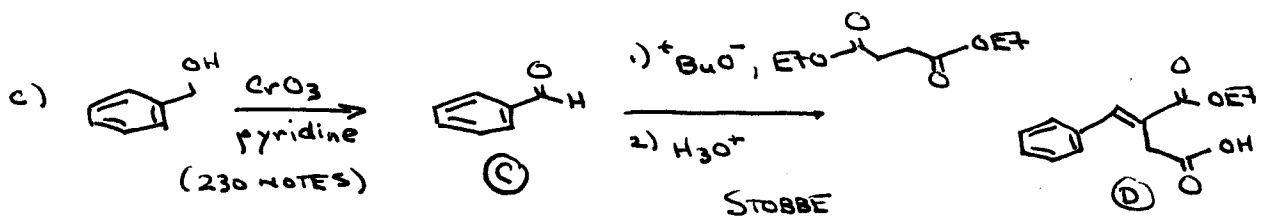
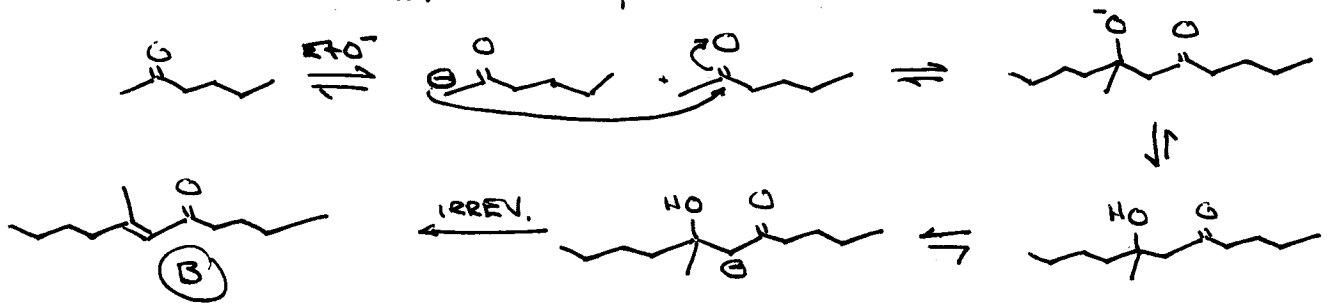


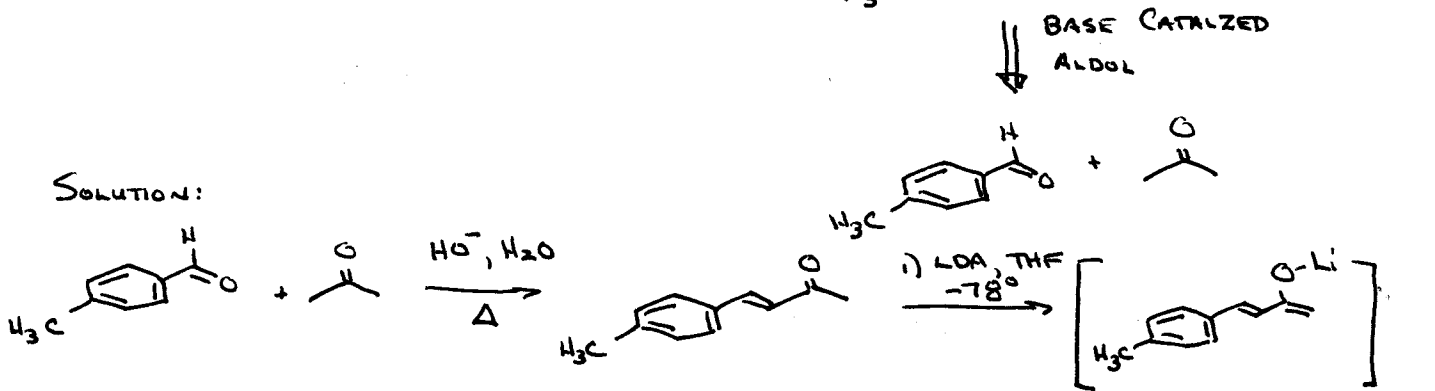
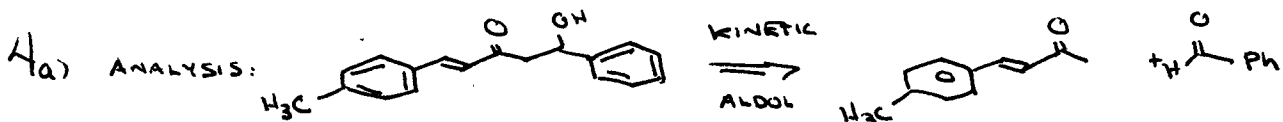
SUGGESTED SOLUTIONS  
ASSIGNMENT #1

WINTER '04

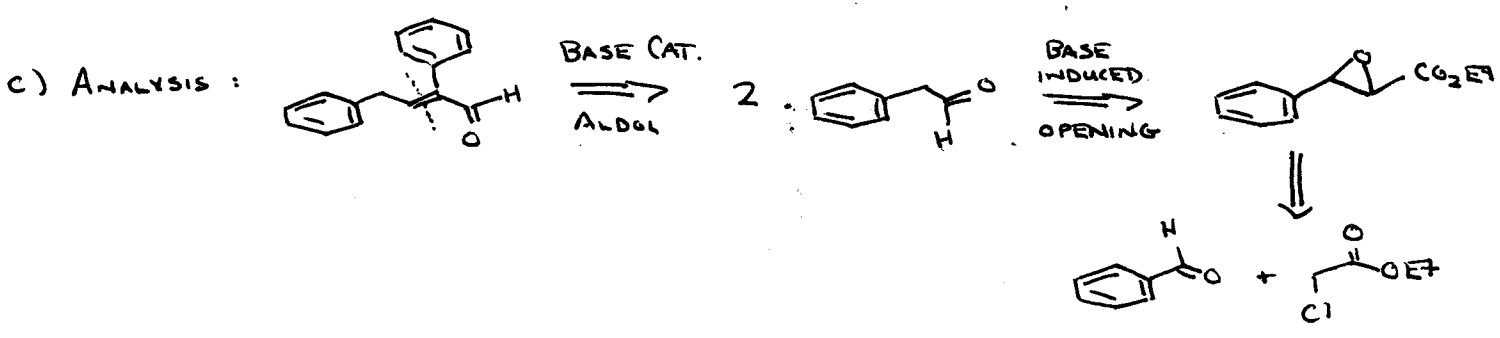
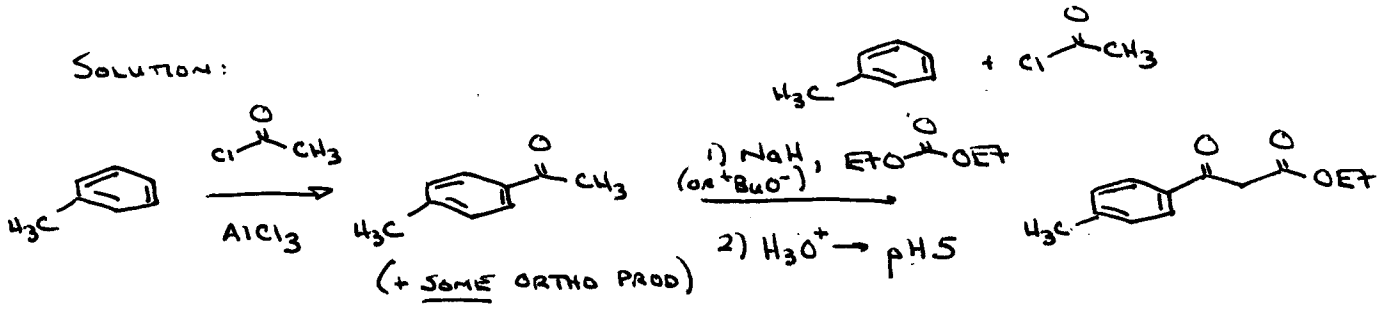
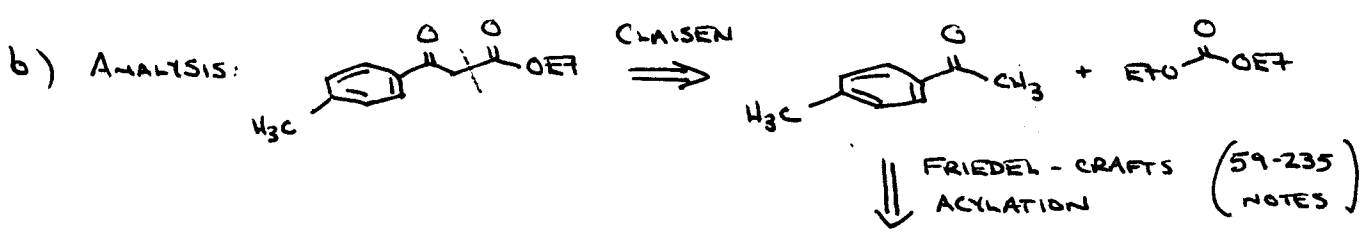


b) RECALL, IN UNSYMMETRICAL CASES, THE REACTION GOES THROUGH THE LESS SUBSTITUTED SIDE OF THE KETONE, DUE TO THE MORE RAPID 'IRREVERSIBLE' ELIMINATION STEP. THEREFORE,





NOTE: WE CAN'T REVERSE THE SEQUENCE OF THESE STEPS, BECAUSE IF WE MADE Cc1ccc(cc1)C(O)C(=O)c2ccccc2 FIRST, IT WOULD NOT STAND UP TO THE  $HO^-, H_2O, \Delta$  CONDITIONS REQUIRED IN THE 2<sup>ND</sup> STEP



SOLUTION:

