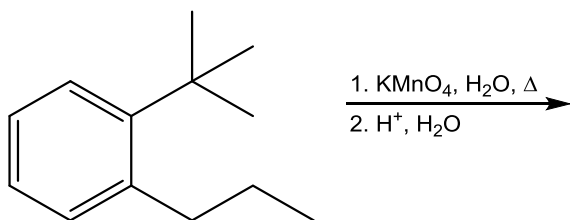
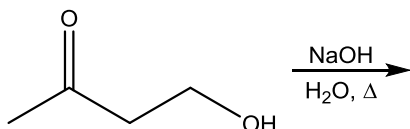


Carboxylic Acids 1**Ex. 1:** Predict the major product for the following:

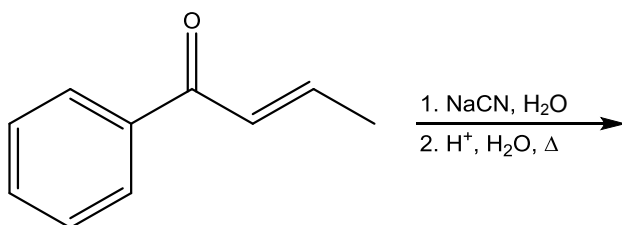
a)



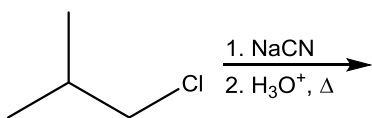
b)



c)



d)

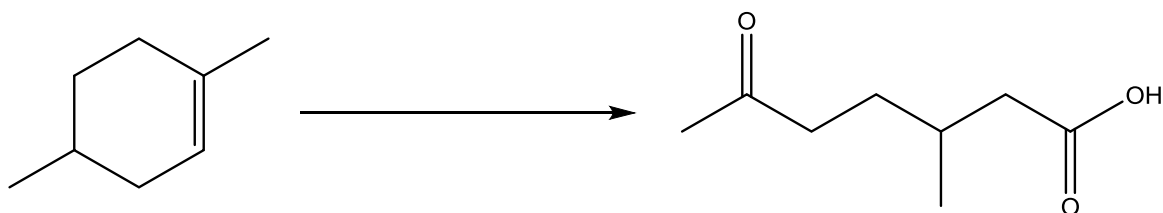
**Ex. 2:** Propose a mechanism for **Ex. 1d**.

Ex. 3: Propose a synthesis for the following transformations:

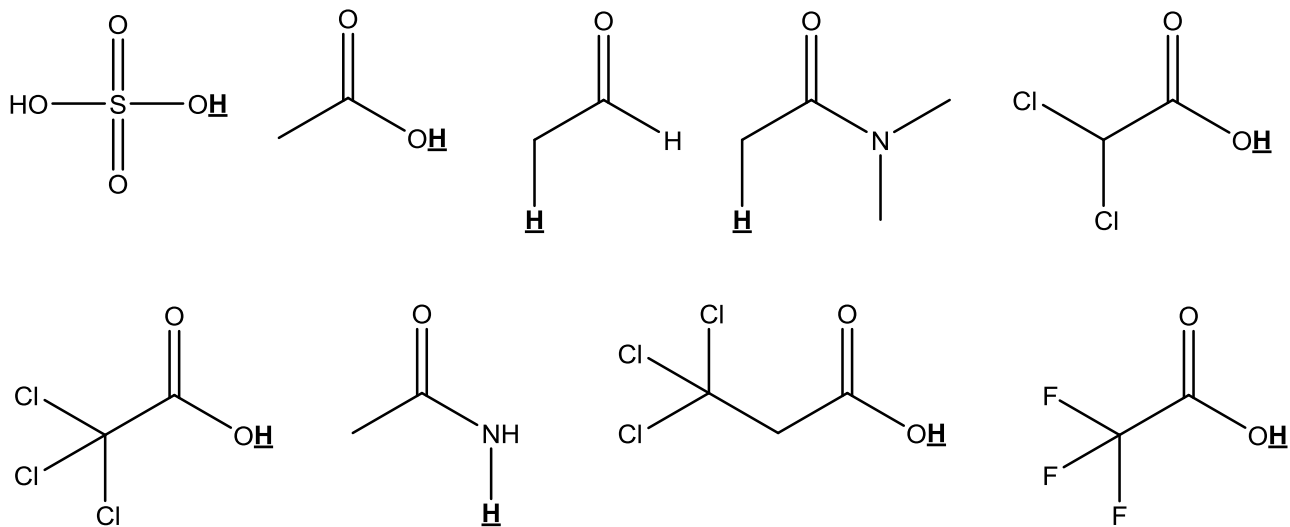
a)



b)



Ex. 4: Rank the following from most (A) to least (I) acidic H:



Ex. 4: Rank the following from most (A) to least (E) acidic H:

