

Retro synthesis - also slides

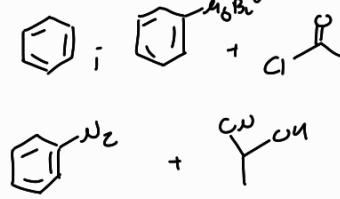
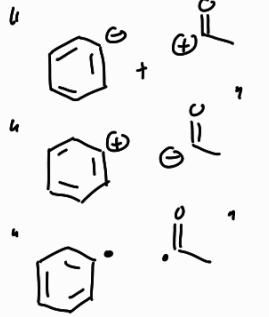
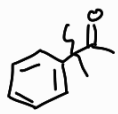
Look at molecule and look for disconnection decision into

Synthons

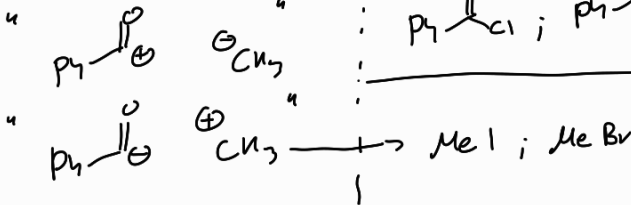
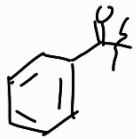
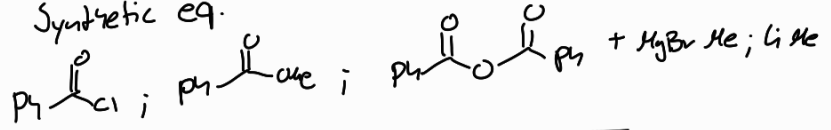
Synthons

Real molecule analogues

ex

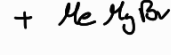
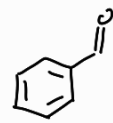
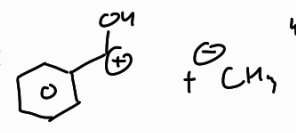
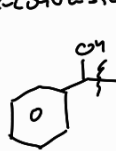
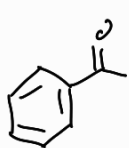


Synthetic eq.

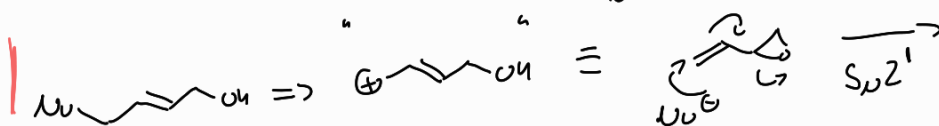
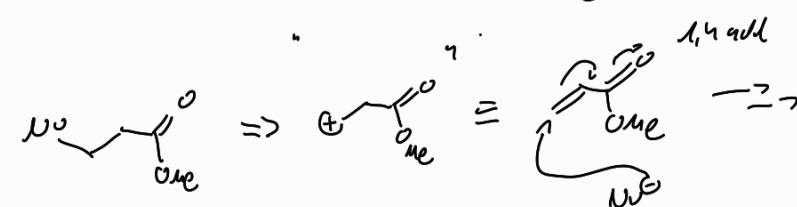
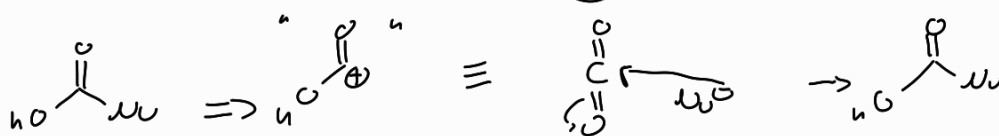
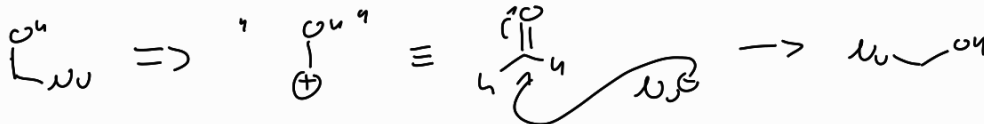
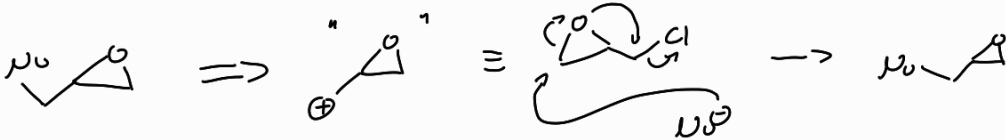


FGI

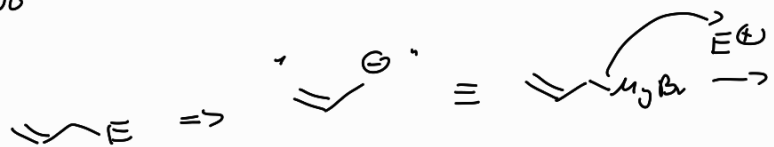
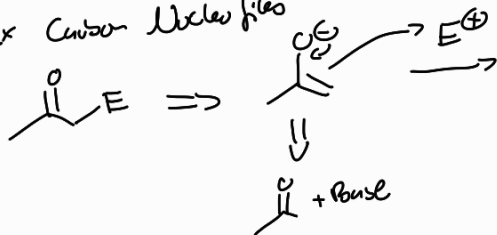
= Functional group interconversion

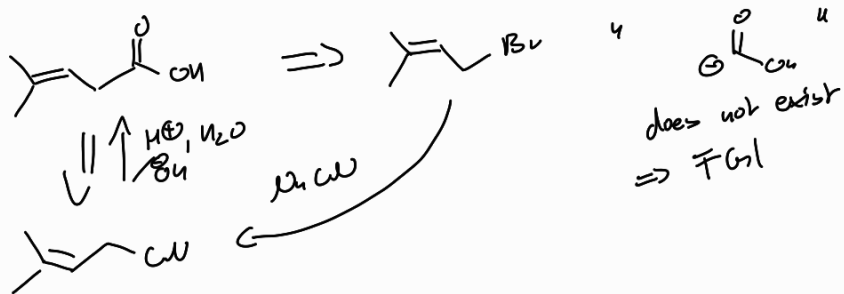


ex Electrophiles

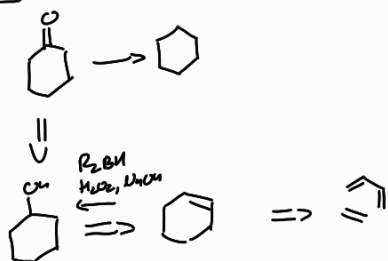


ex Carbon Nucleophiles

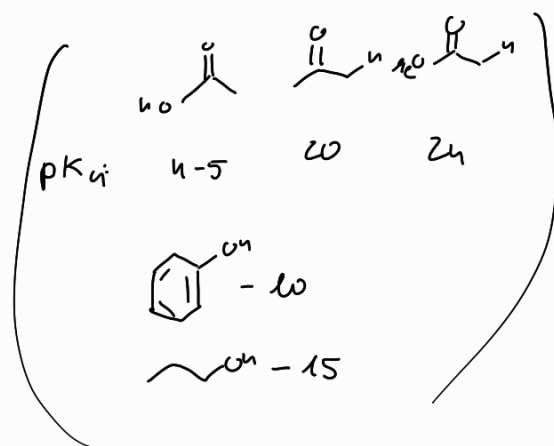
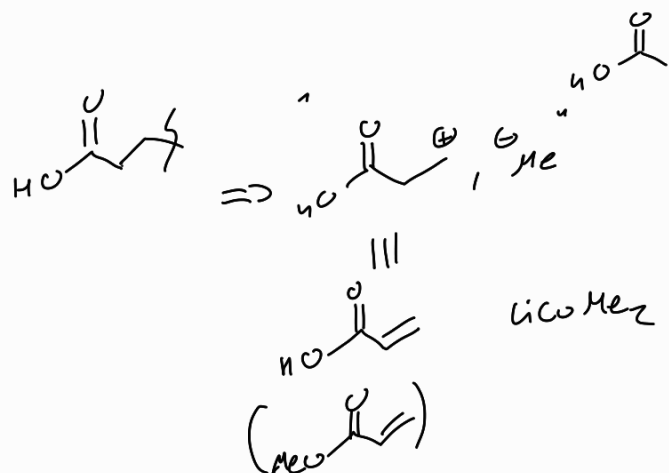
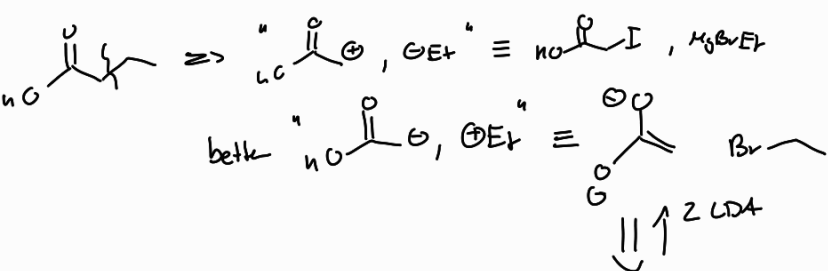
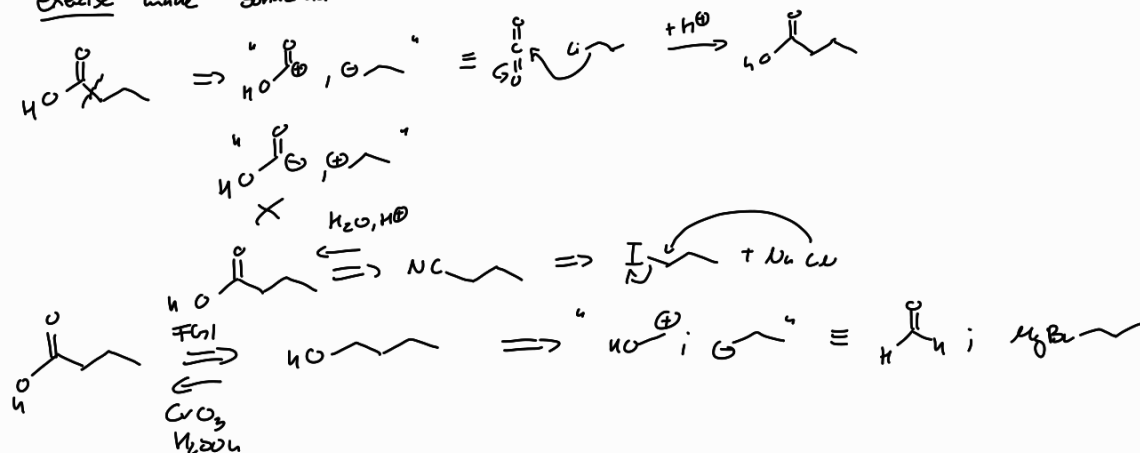


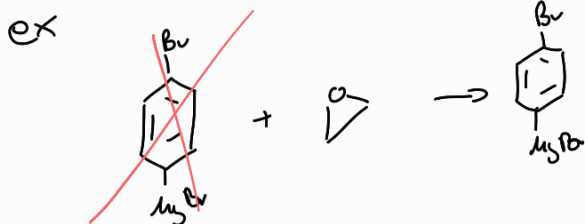
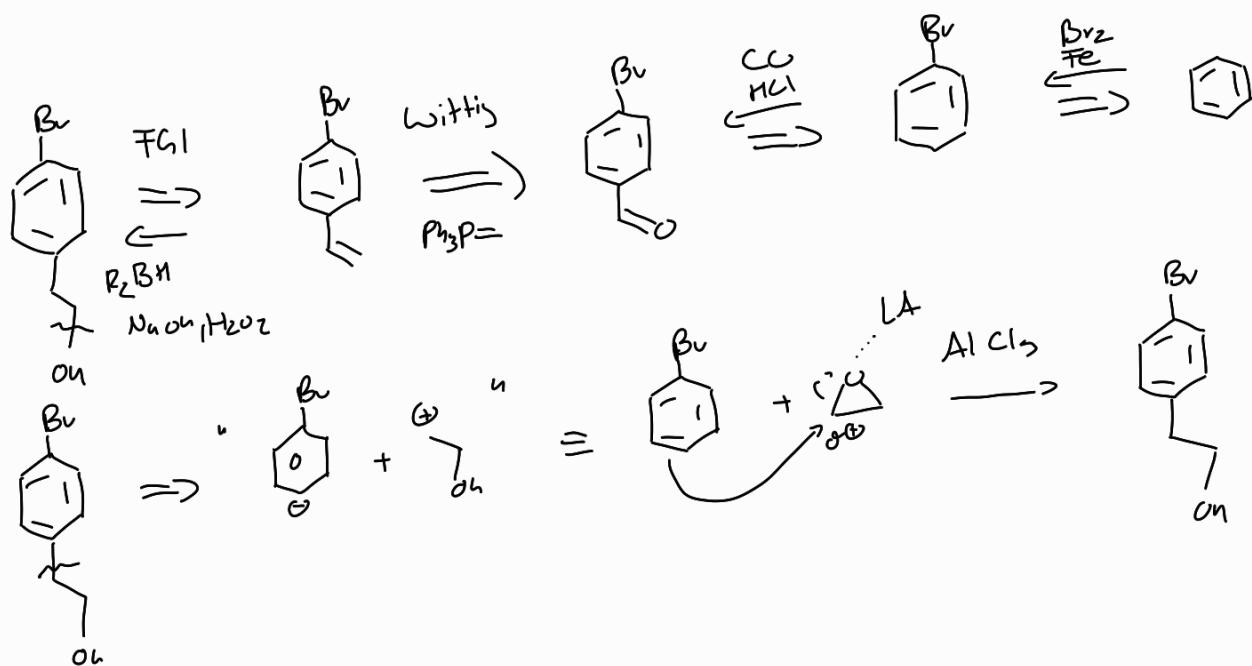
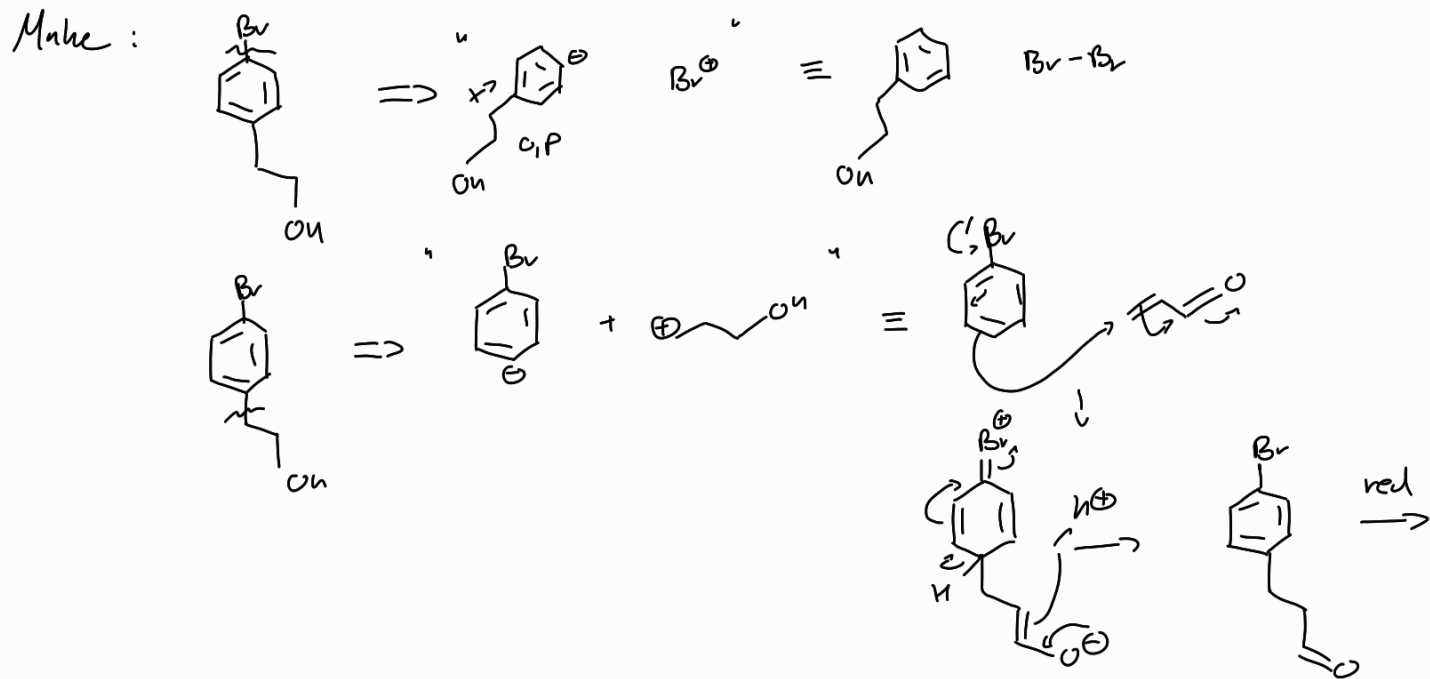


Question:

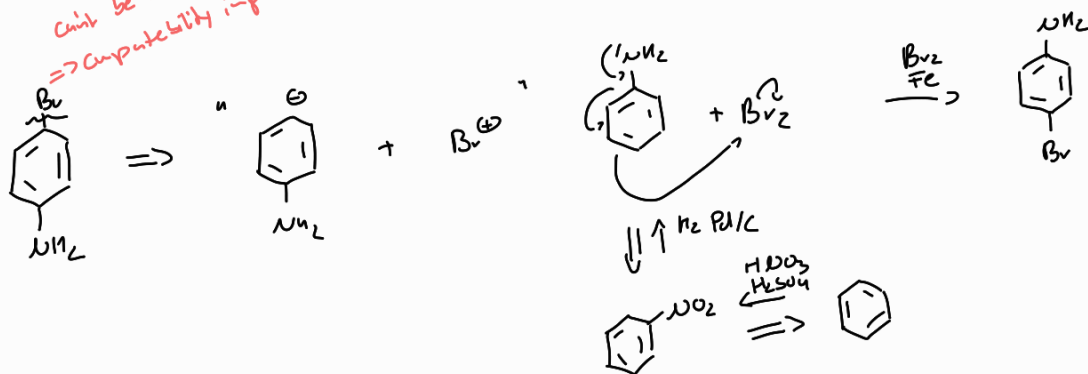


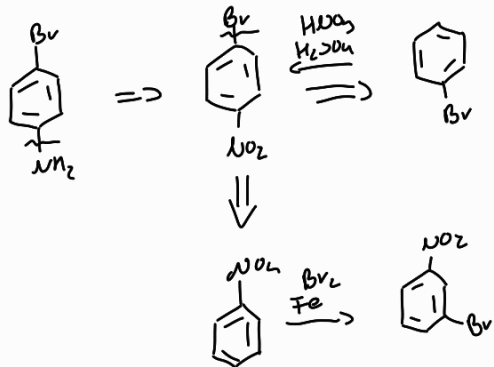
Exercise make citric acid





can't be made
 \Rightarrow computability issue





Workshop after course