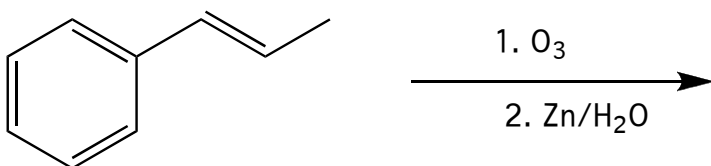
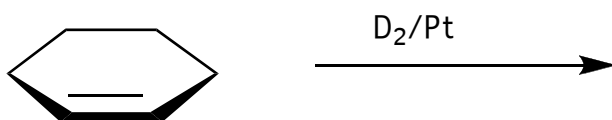
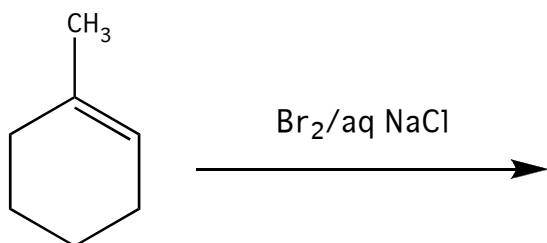
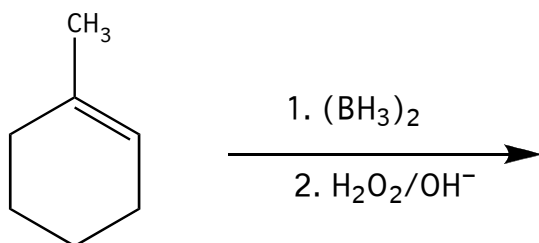
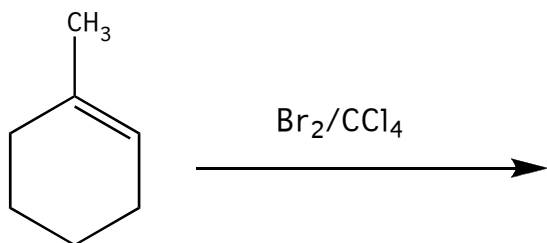
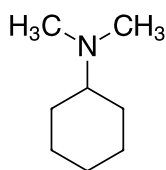


1) Draw the expected major organic products for the following reactions:

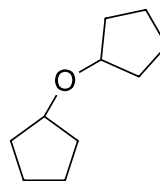


- 2) Fill in the table with the expected results* of the simple chemical tests for compounds A-D

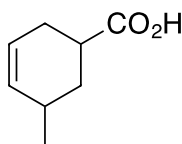
Test\Compound	A	B	C	D
soluble in water				
sol in conc H ₂ SO ₄				
sol in dil aq HCl				
sol in dil. aq NaOH				
sol in aq NaHCO ₃				
decolorizes Br ₂ /CCl ₄				



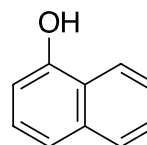
A



B



C



D

*Note: A zero for the solubility tests means the compound is insoluble in that reagent; a plus means the compound is soluble. A plus for Br₂/CCl₄ means the orange bromine color is discharged; a zero means the color remains. A zero for NaHCO₃ means no CO₂ bubbles are produced; a plus means CO₂ is evolved.

CHM 3343

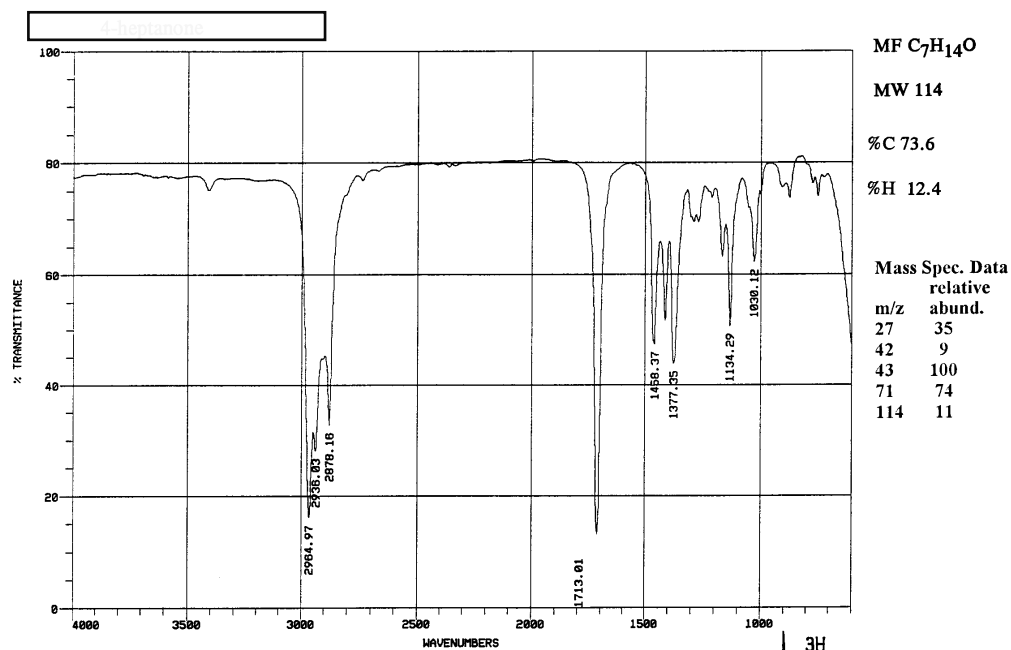
Homework Set 2

TUD Department of Chemistry

Spring 2017

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3) What is it?



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