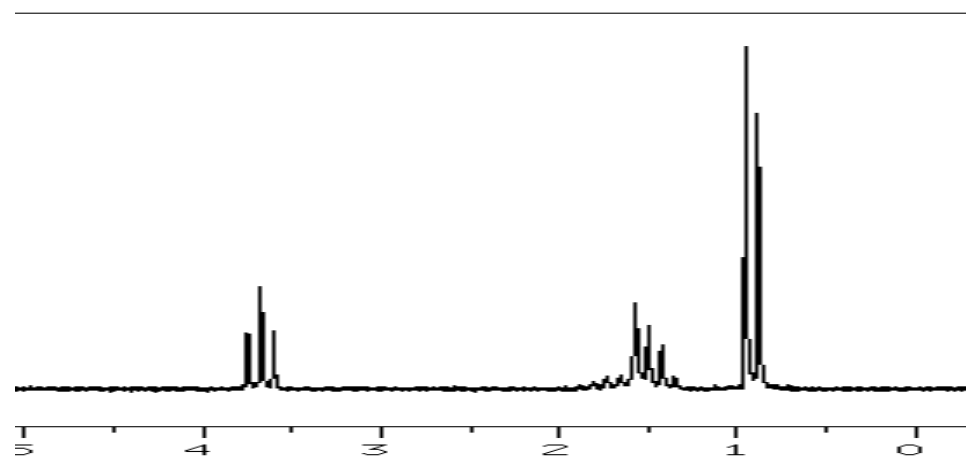
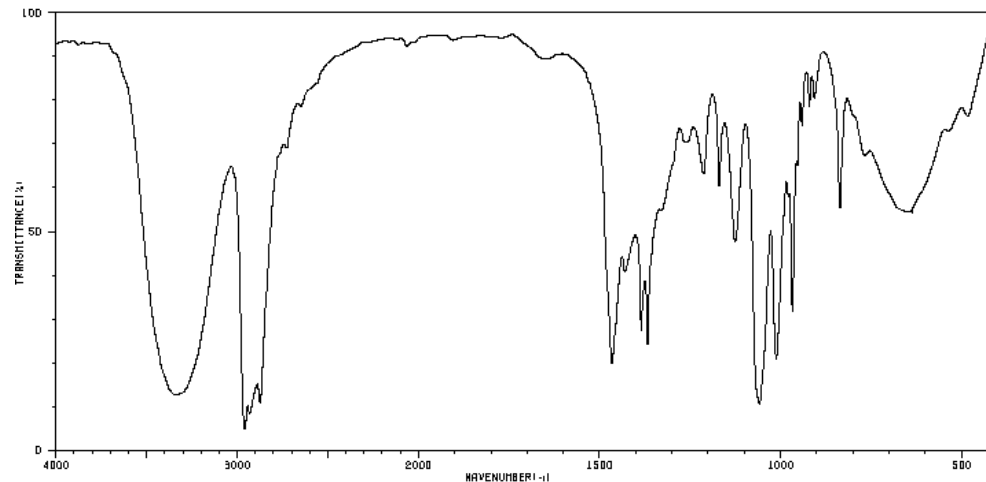


For the following IR & H-NMR spectra label the compound you believe produced the spectra and explain why, with respect to the IR & NMR. (predicted vs. actual)

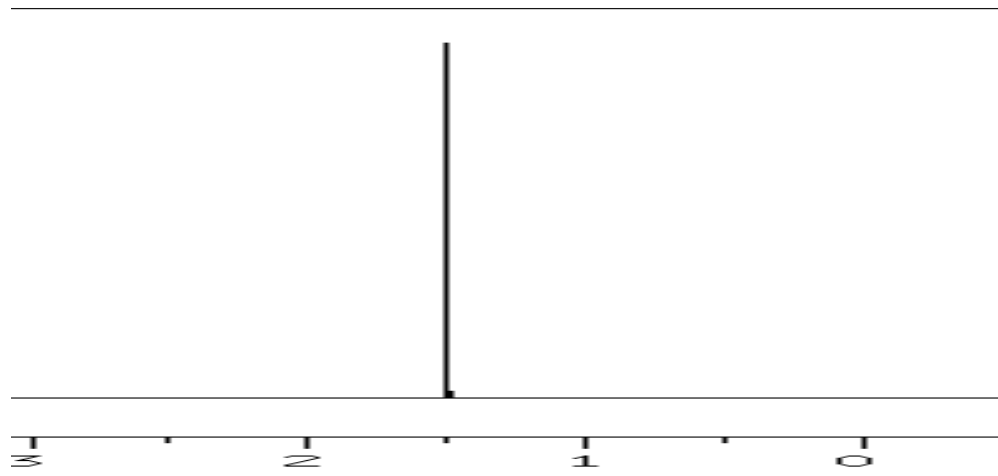
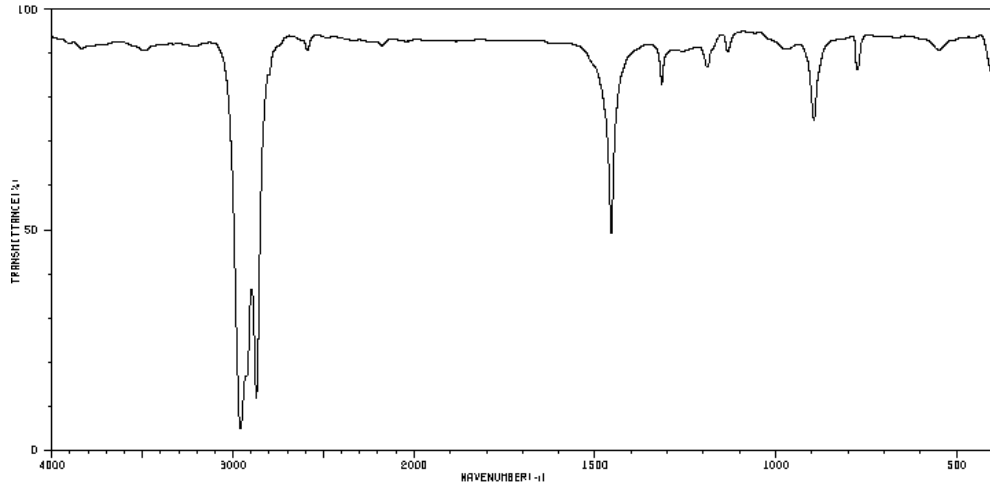
Possible unknowns

Urea, isopropyl benzene, heptanal, 1-iodopropyne, cyclopentane, 3-methyl-1-butanol, 2-butanone, allyl amine

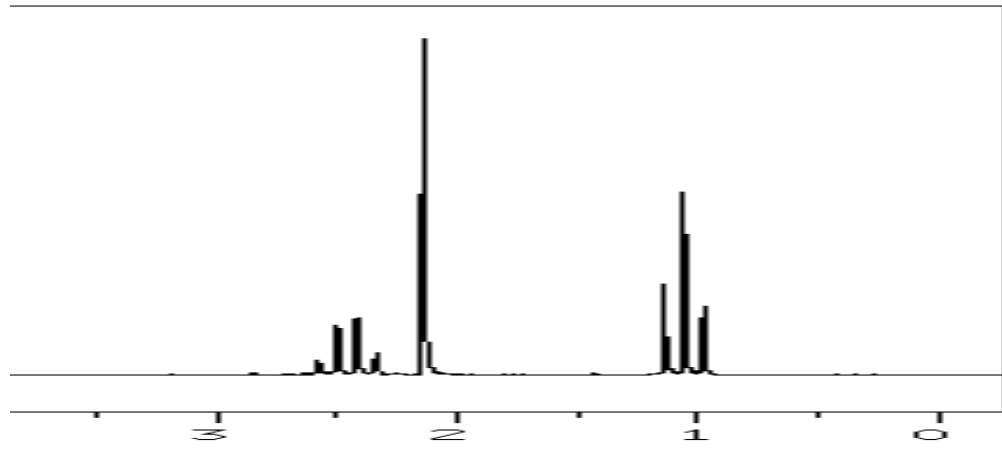
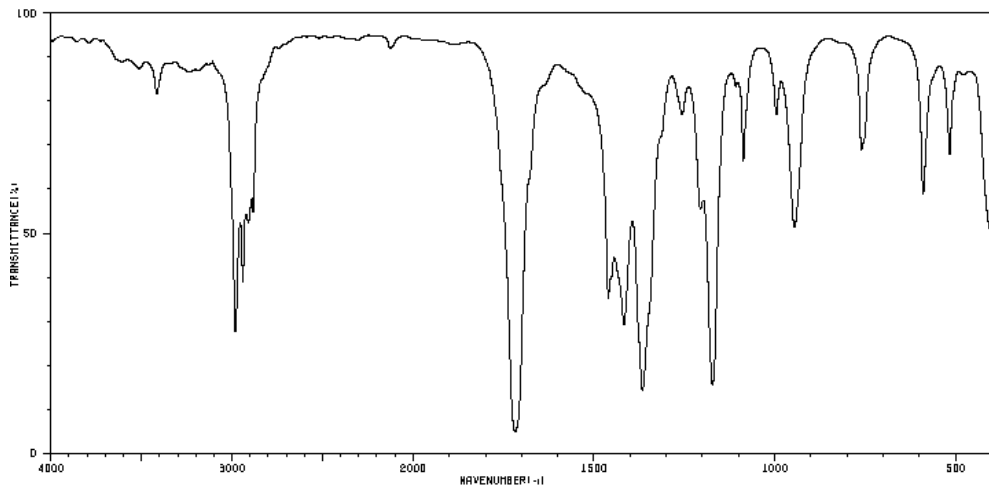
1.



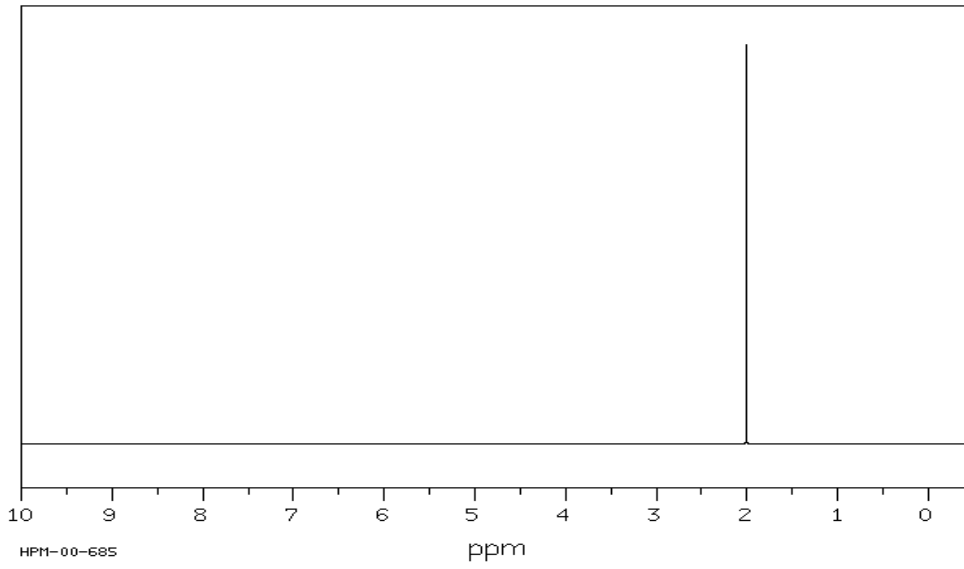
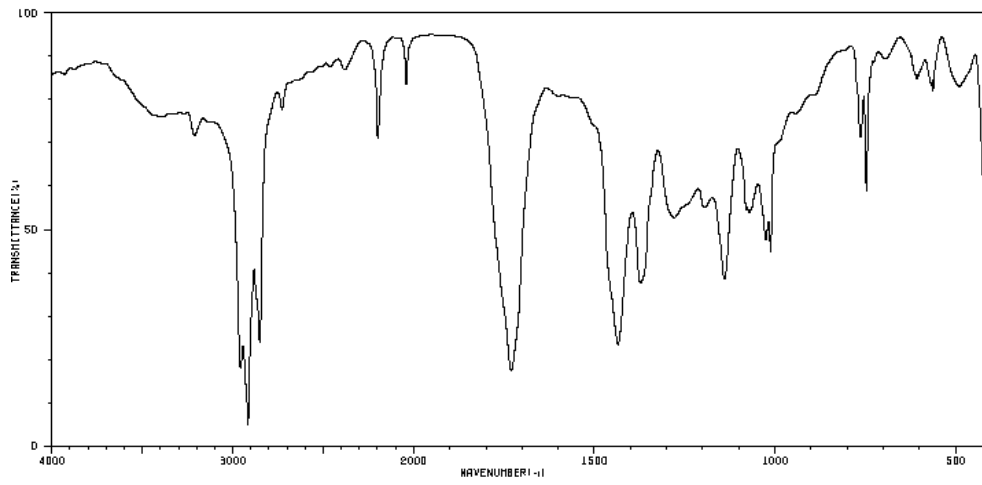
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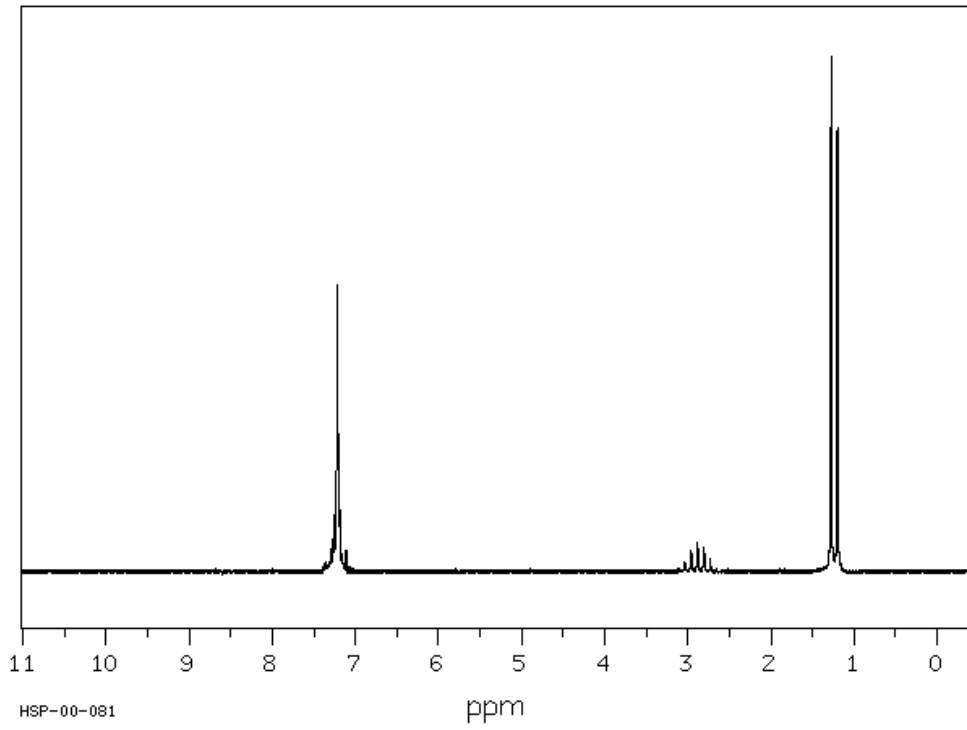
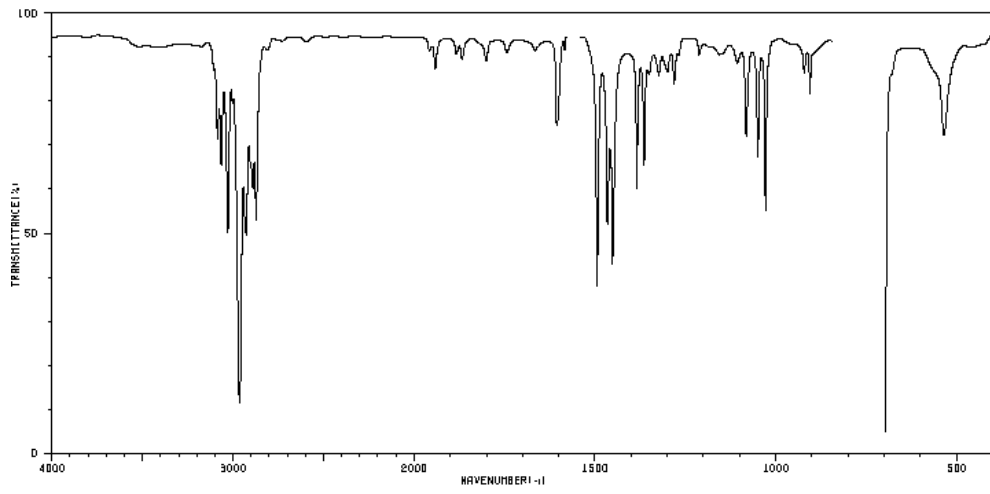
3.



4.

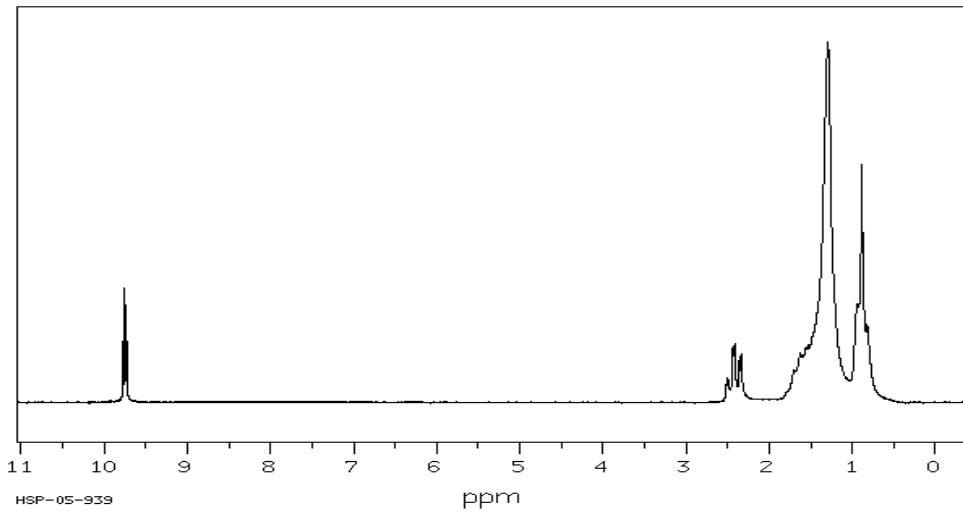
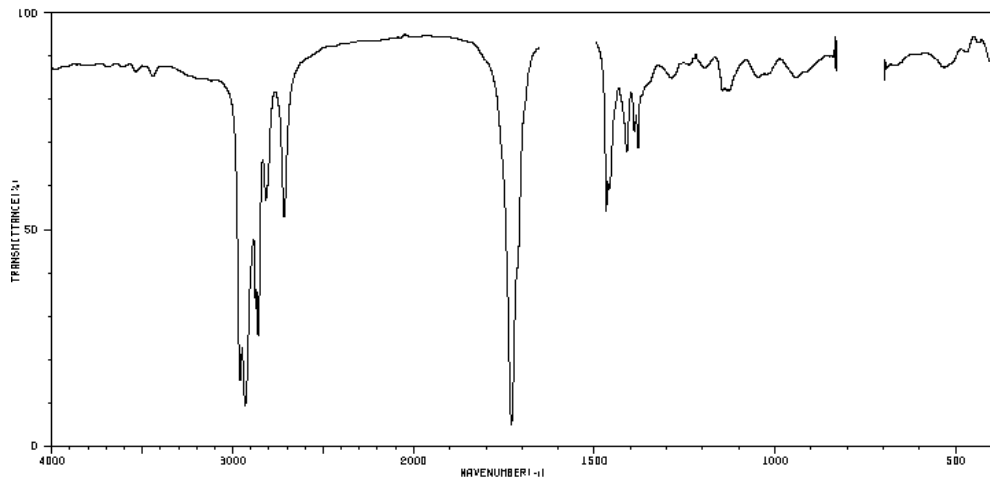


5.



HSP-00-081

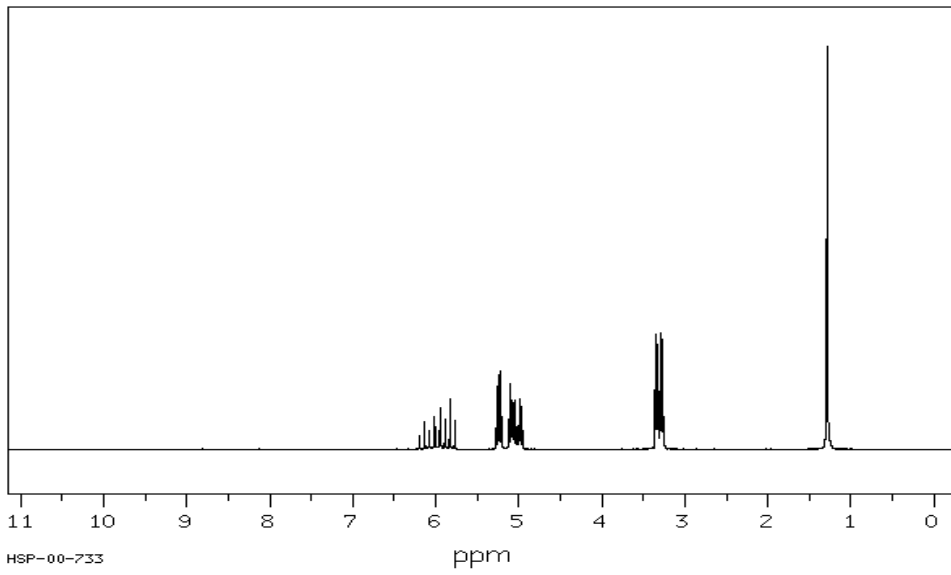
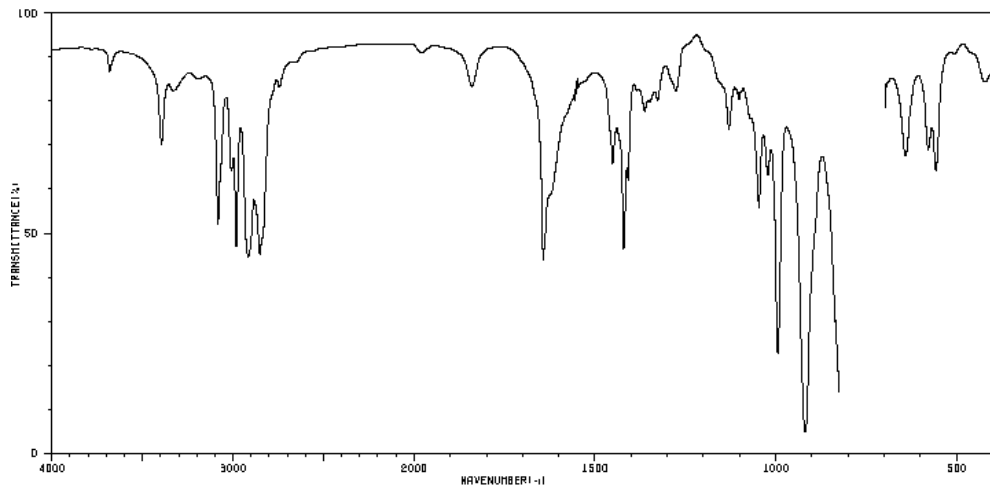
6.



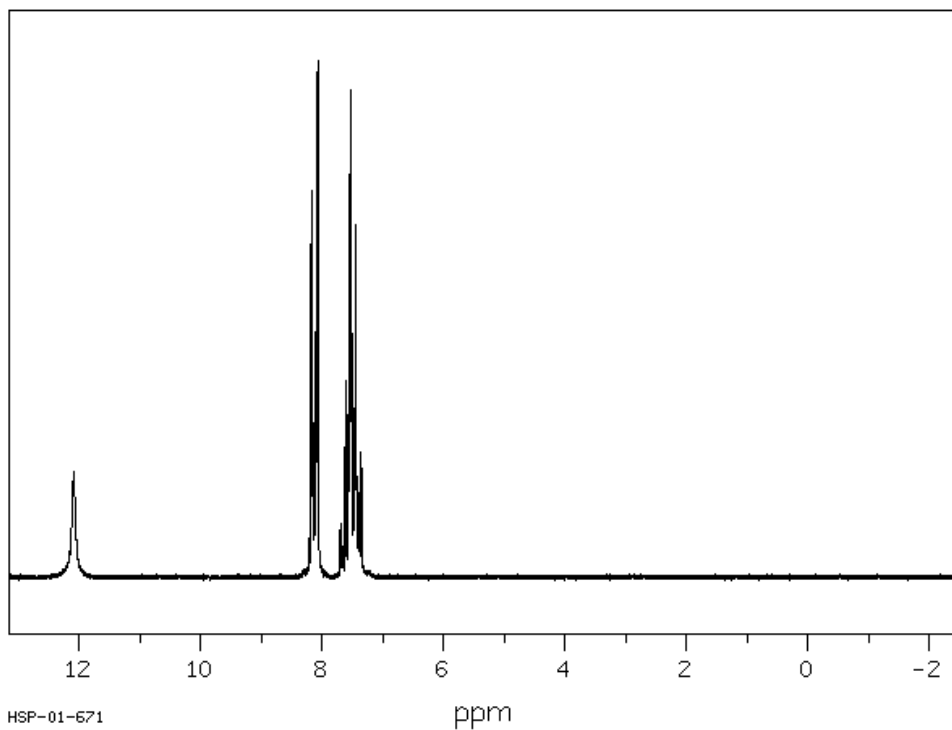
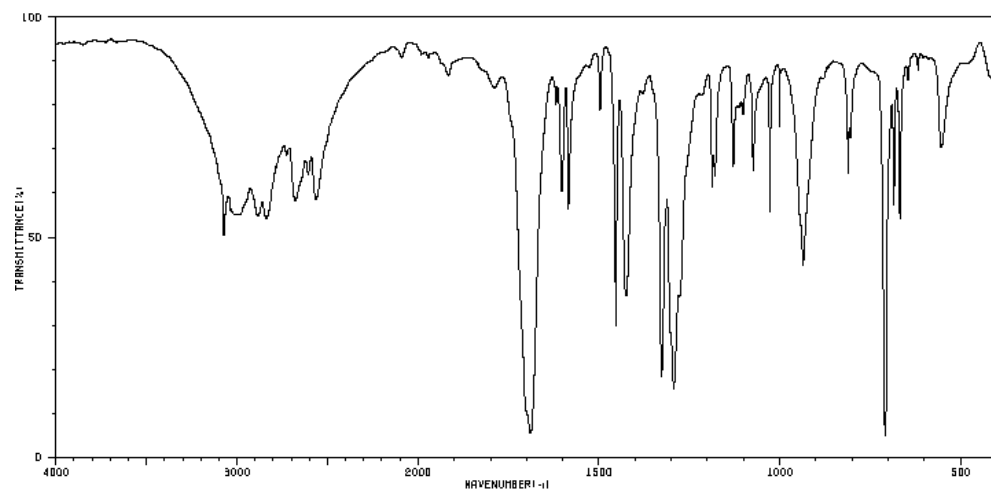
HSP-05-939

ppm

7.



8.



HSP-01-671



9.

