

8.4 Problem 3

Learning Objectives

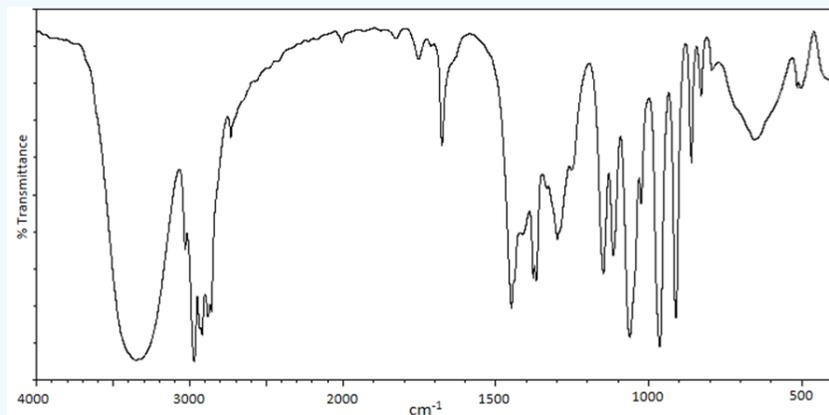
- Determine the structure for the following problem.

? Exercise 1

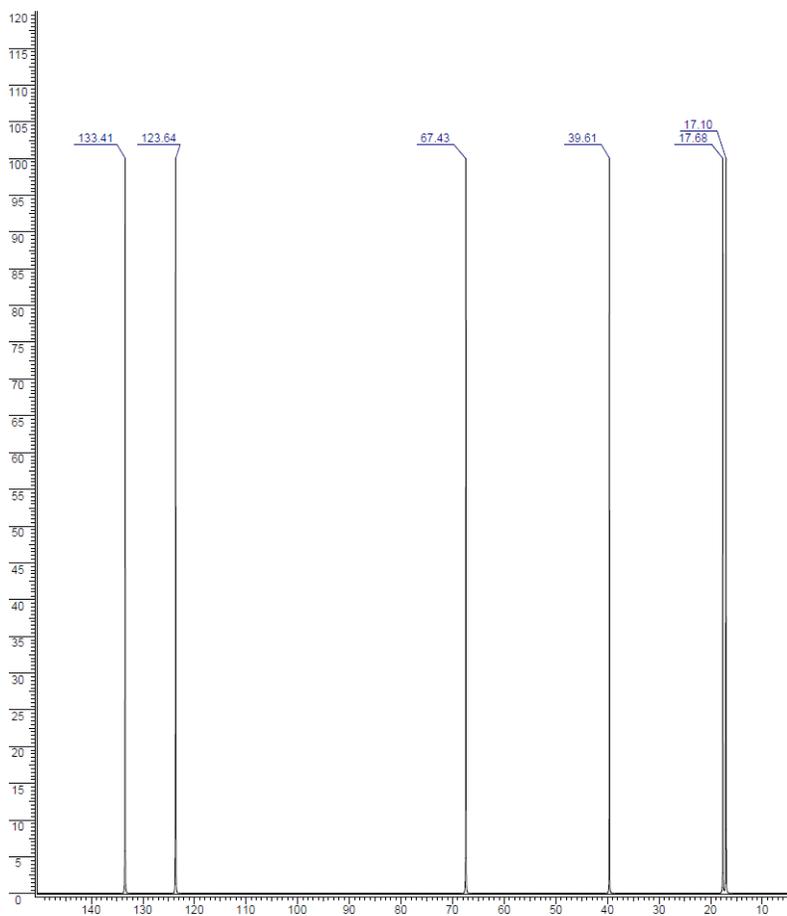
Solve the structure using the following spectral data.

Molecular Formula: $C_6H_{12}O$

IR spectrum:

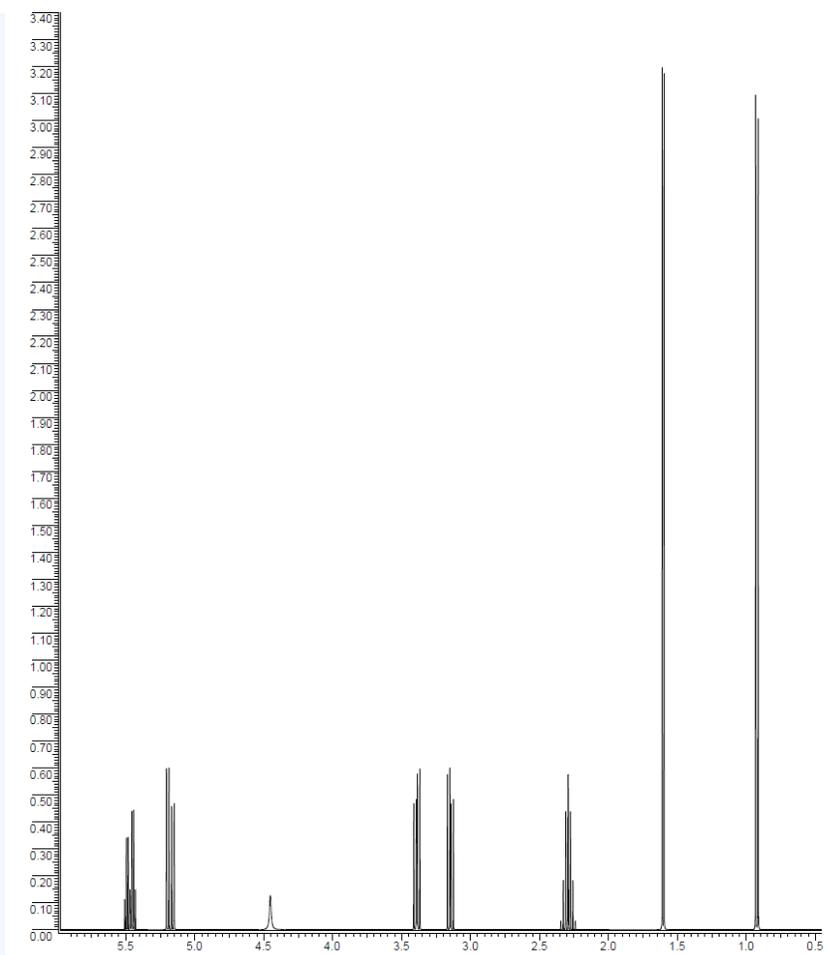


^{13}C Spectrum:

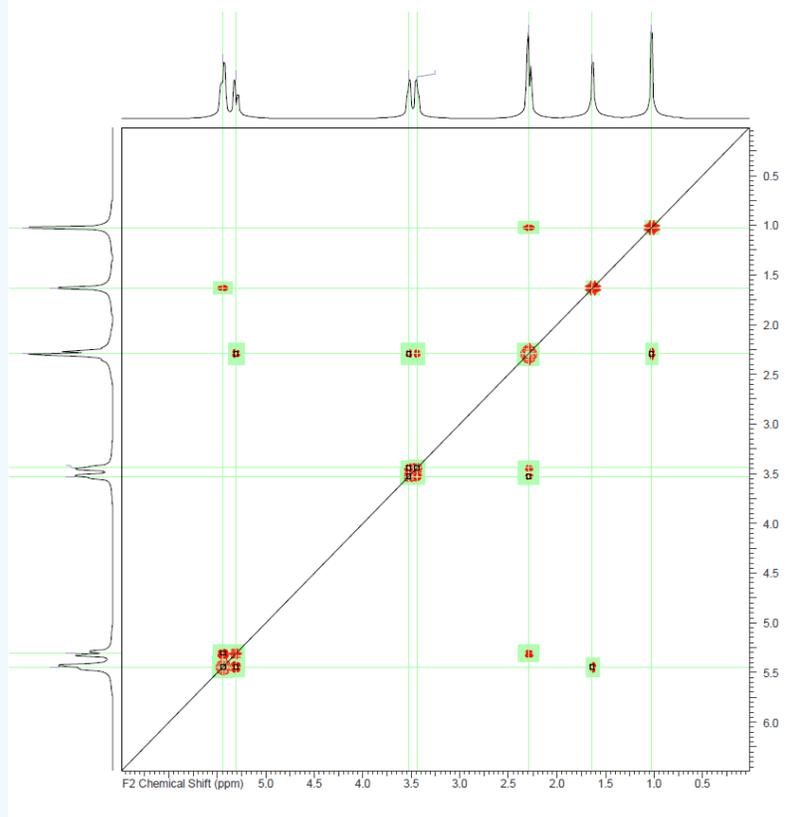


¹H Spectrum:

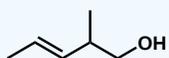
Integration: 1:1:1:1:1:3:3



COSY:



Answer



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