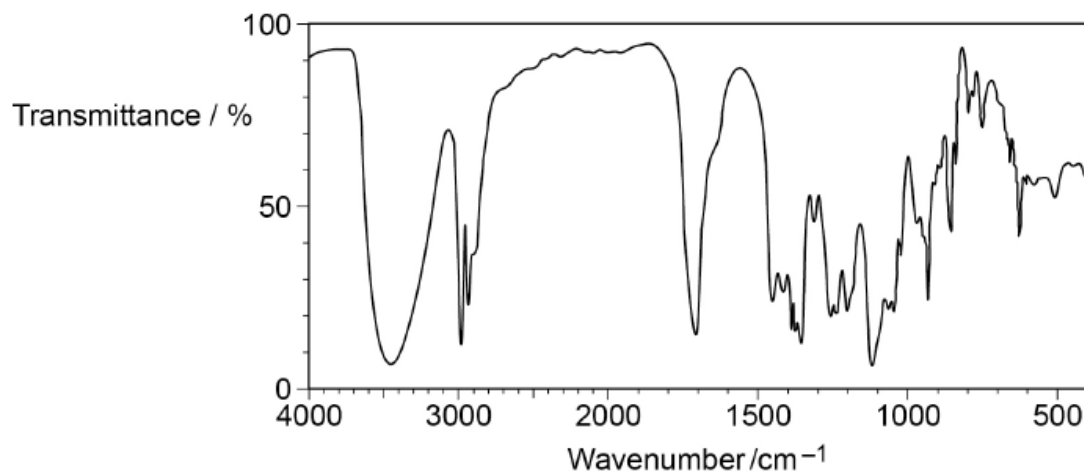
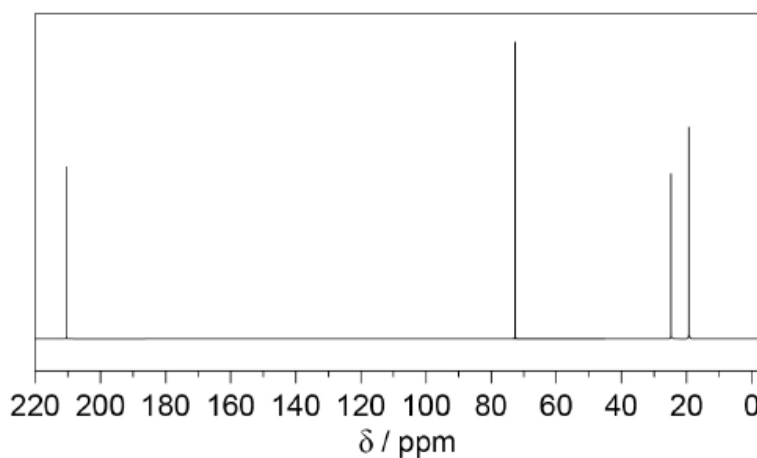


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This question is about compound **X** with the empirical formula C_2H_4O **Figure 2** shows the infrared spectrum of **X**.**Figure 3** shows the ^{13}C NMR spectrum of **X**.The 1H NMR spectrum of **X** shows four peaks with different chemical shift values. **Table 3** gives data for these peaks.**Figure 2****Figure 3****Table 3**

Chemical shift δ / ppm	3.9	3.7	2.1	1.2
Splitting pattern	quartet	singlet	singlet	doublet
Integration value	1	1	3	3

