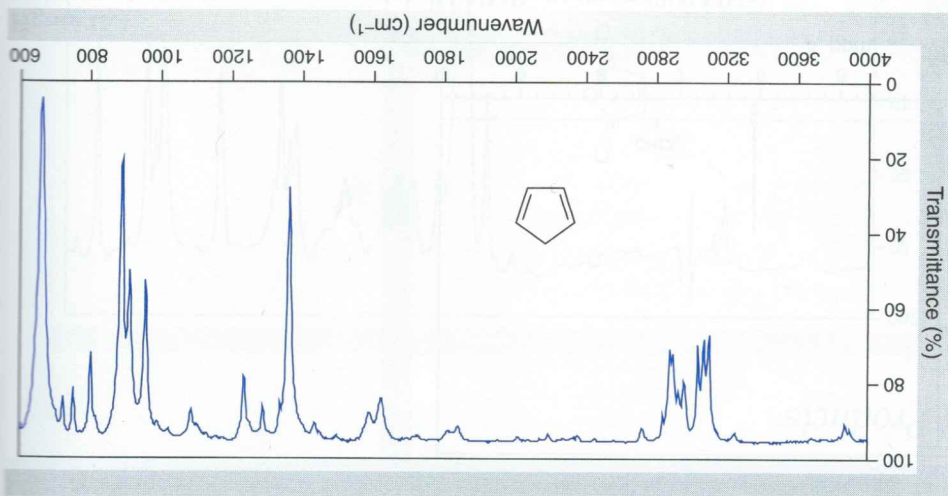
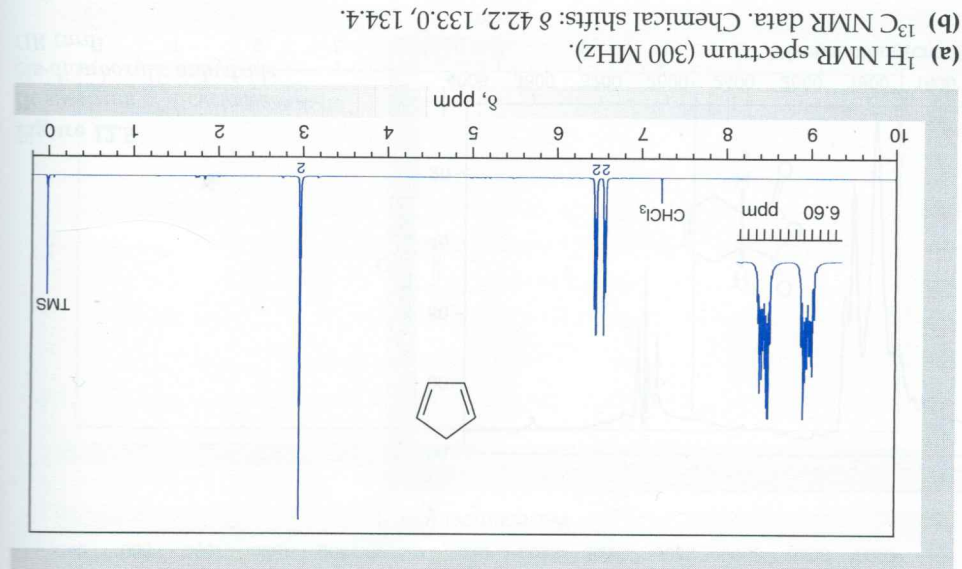


**Figure 12.7** IR spectrum of 1,3-cyclopentadiene (neat).



**Figure 12.8** NMR data for 1,3-cyclopentadiene ( $\text{CDCl}_3$ ).



**Figure 12.9** IR spectrum of bicyclo[2.2.1]hept-5-ene-endo-2,3-dicarboxylic anhydride (IR card).

