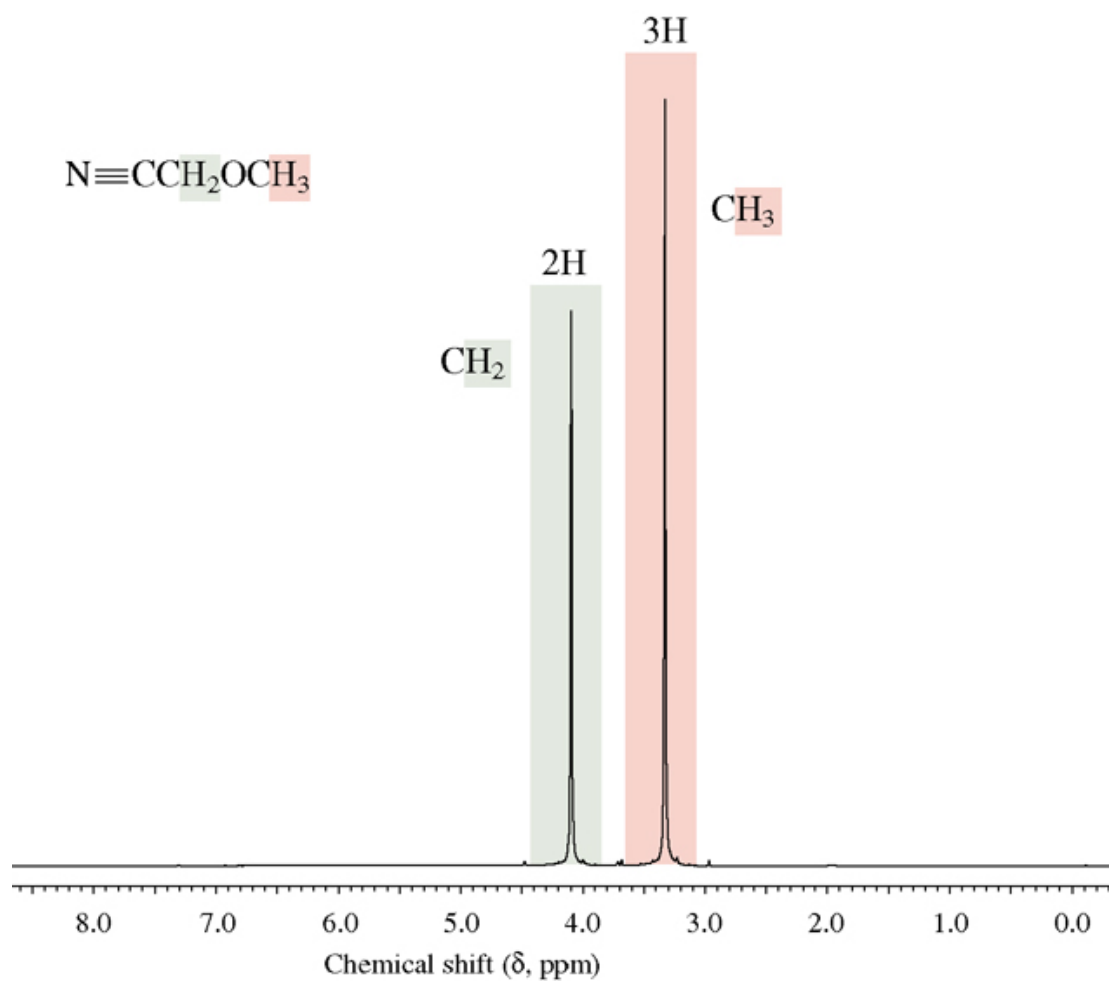




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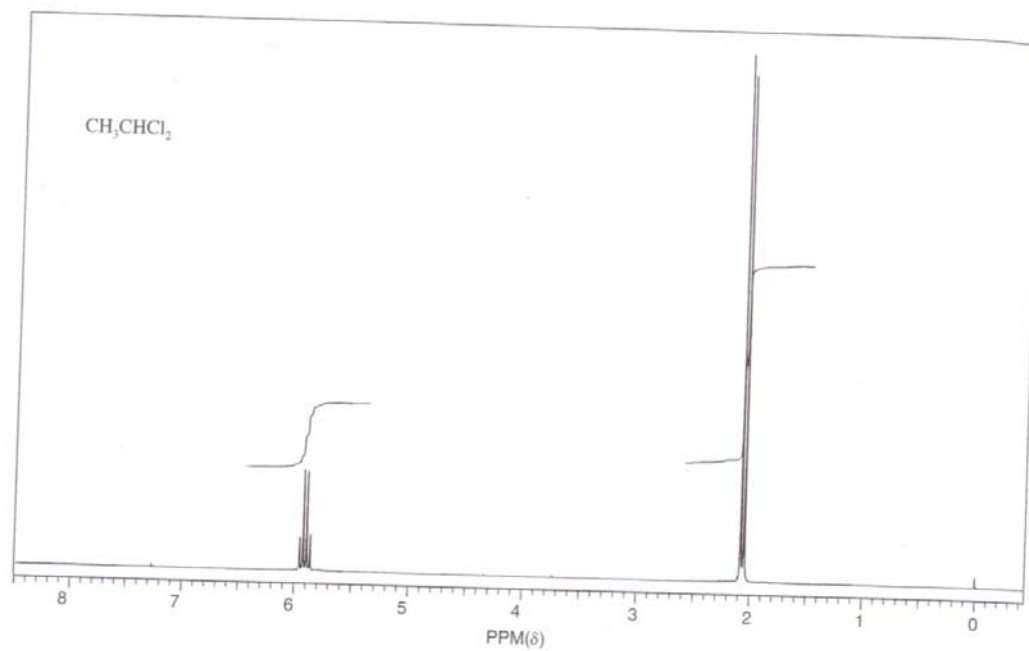
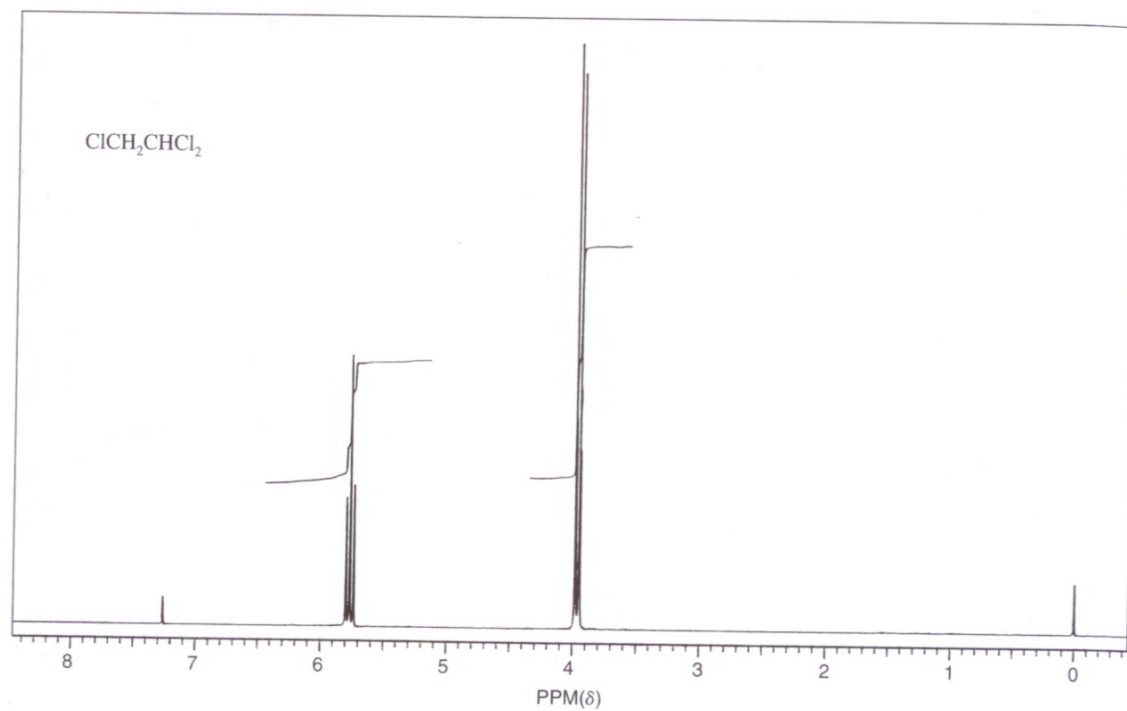


Figure 10.22

**Figure 10.20**

The proton magnetic resonance spectrum of 1,1,2-trichloroethane.

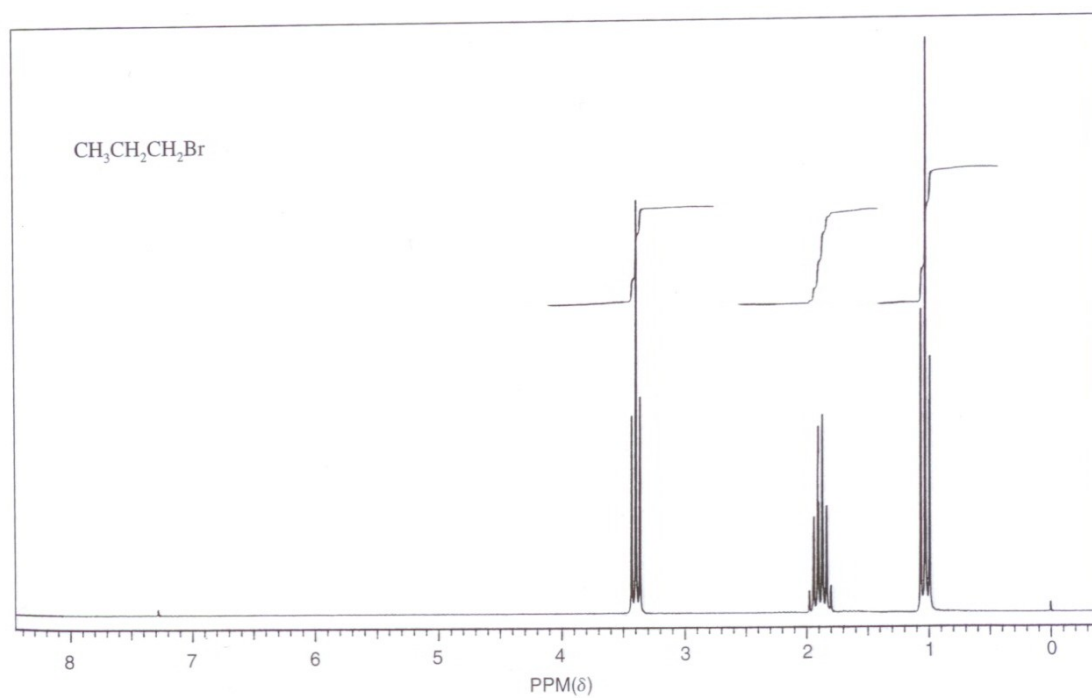
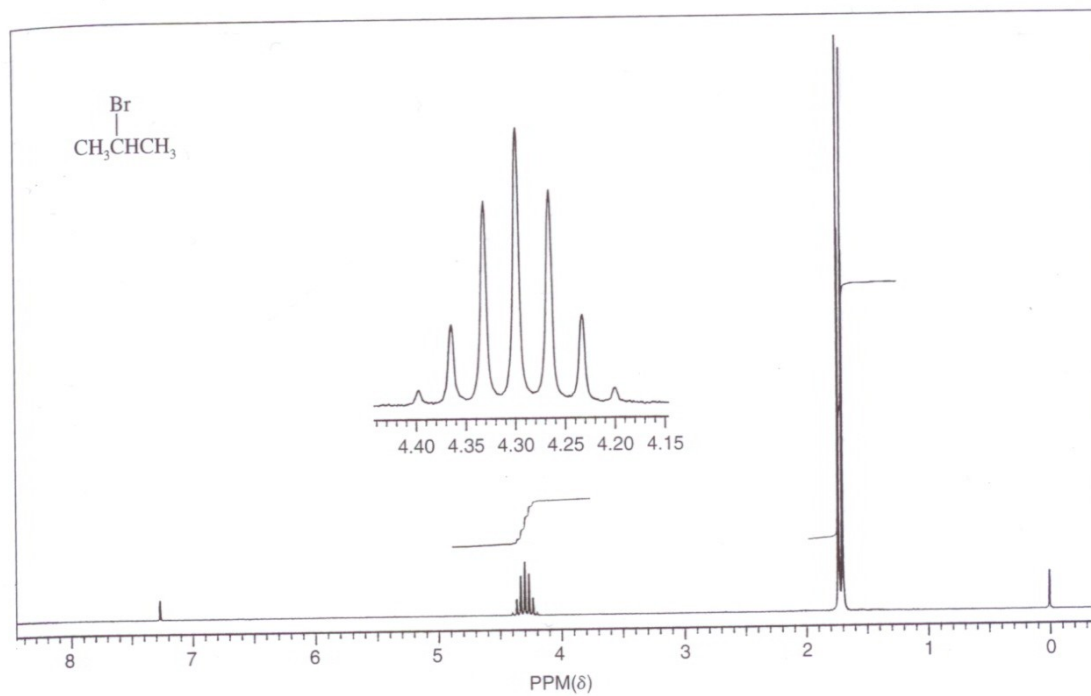


Figure 10.23
Proton magnetic resonance spectra of 2-bromopropane and 1-bromopropane.

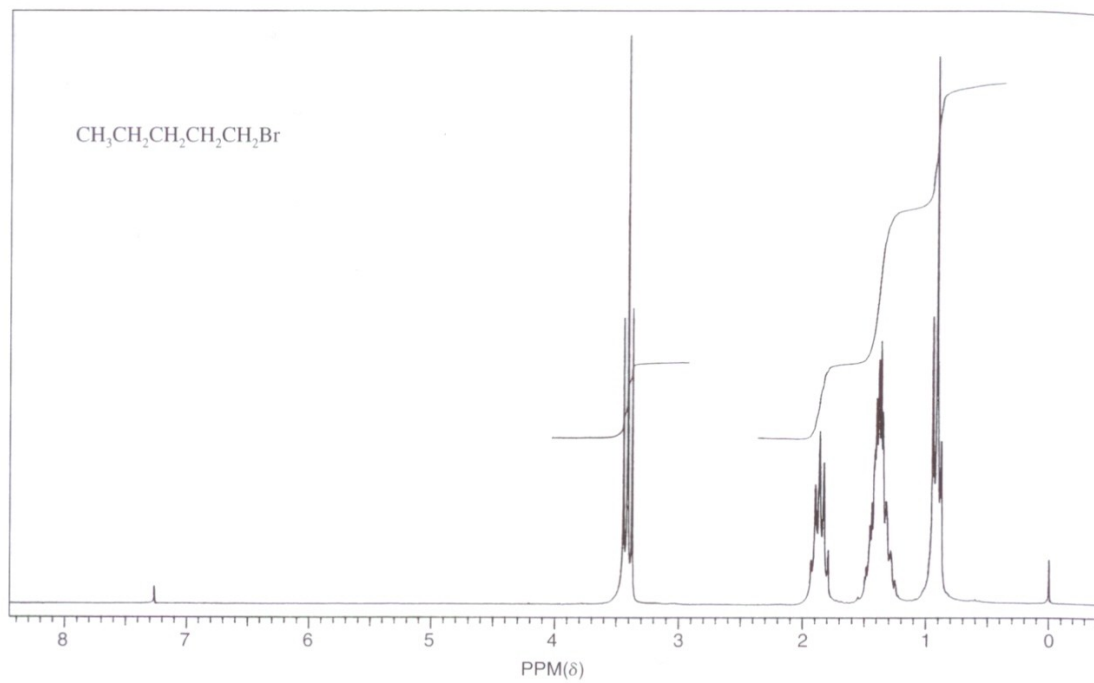


Figure 10.29
Proton magnetic resonance spectrum of 1-bromopentane.

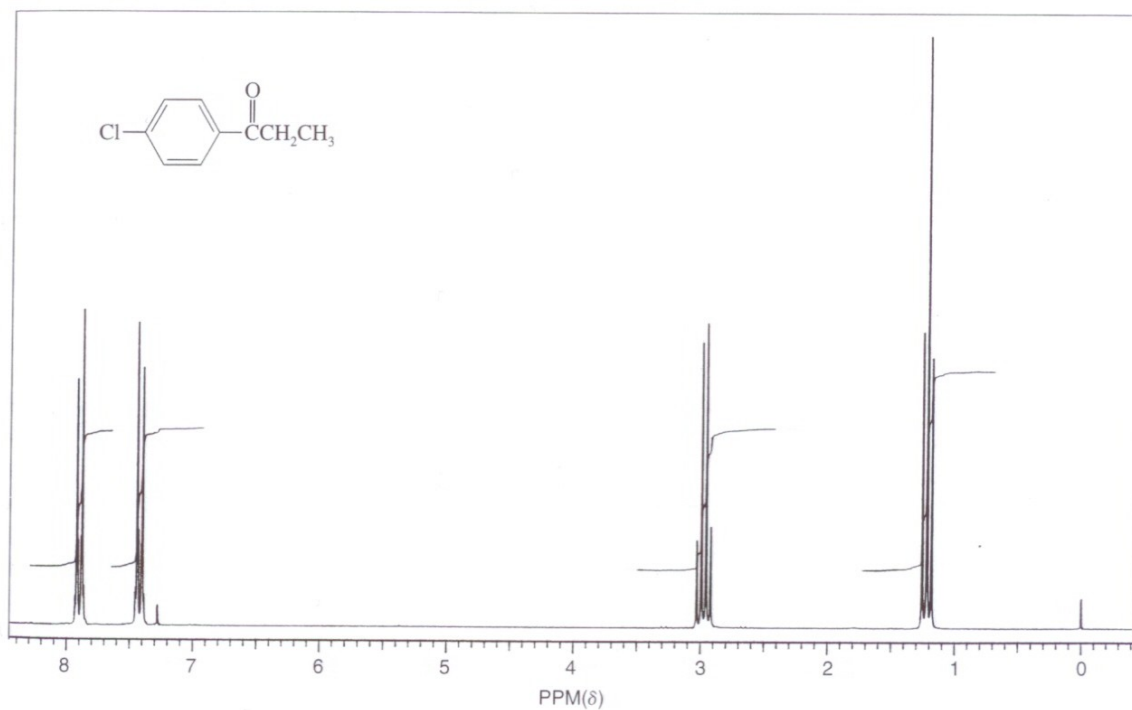
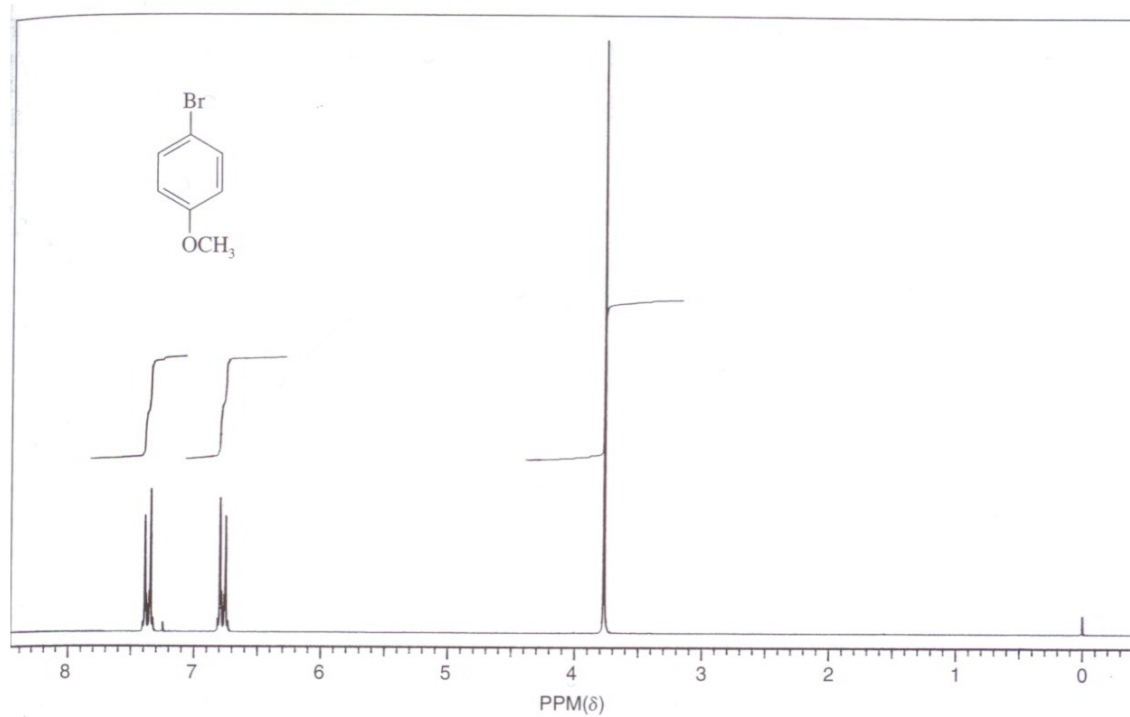


Figure 10.30
Proton magnetic resonance spectra of 1-bromo-4-methoxybenzene and 1-(4-chlorophenyl)-1-propanone.

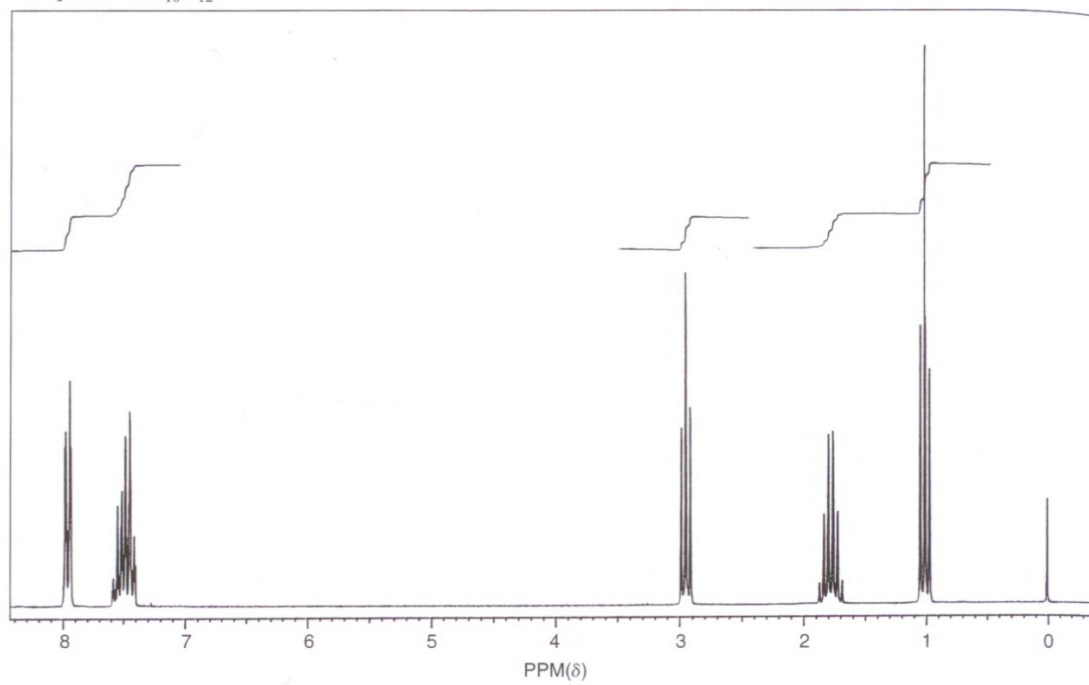
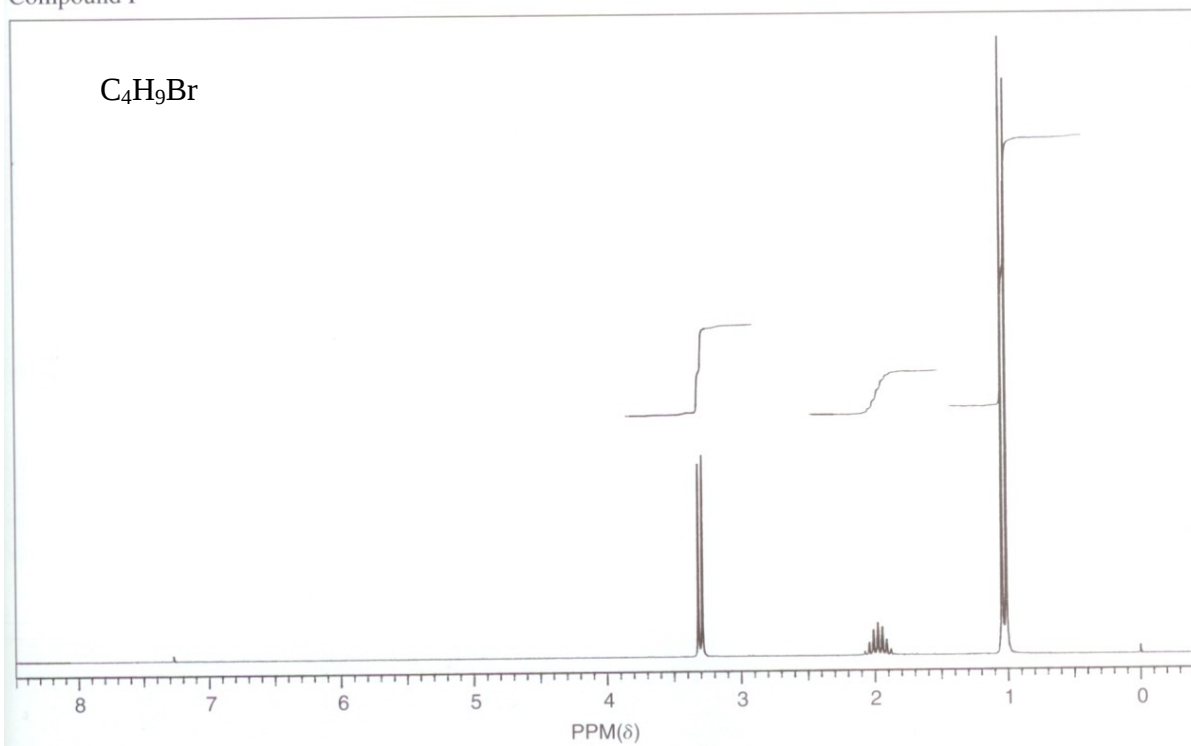
Compound E, $C_{10}H_{12}O$ 

Figure 10.25
Proton magnetic resonance spectra of Compound E.

NMR Spectroscopy Unknowns

Compound F



Compound G

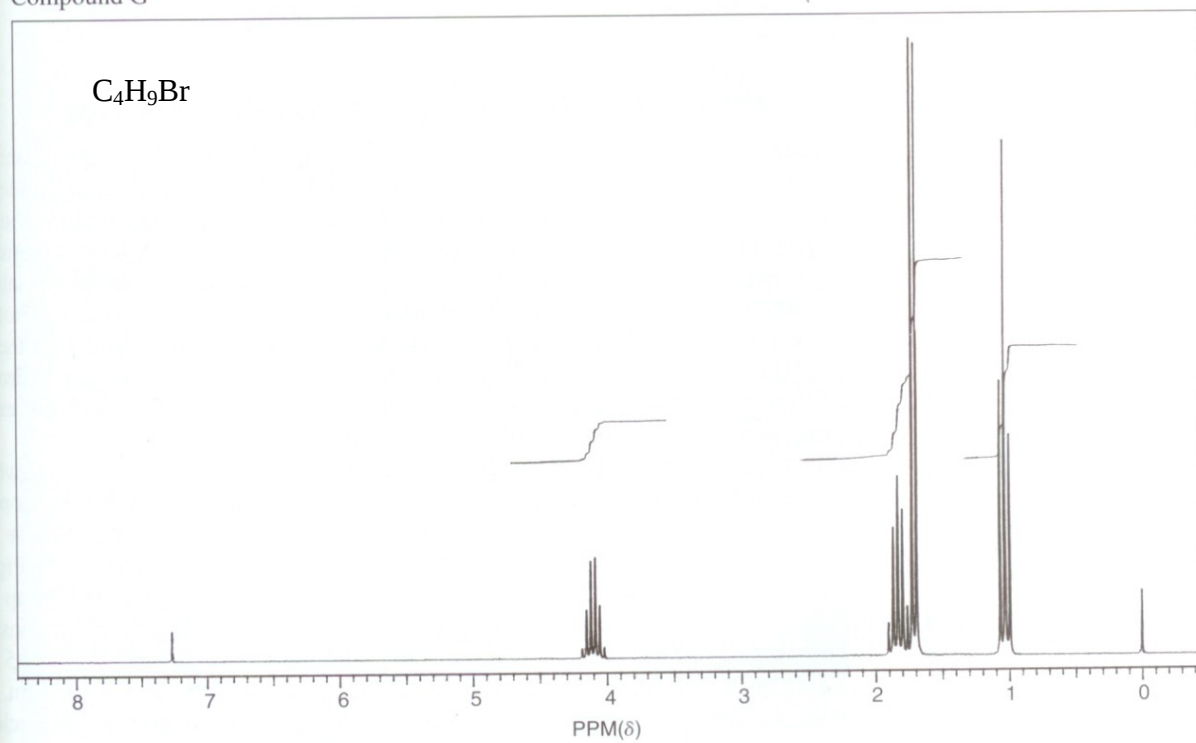


Figure 10.32

Compound H, $C_4H_8O_2$

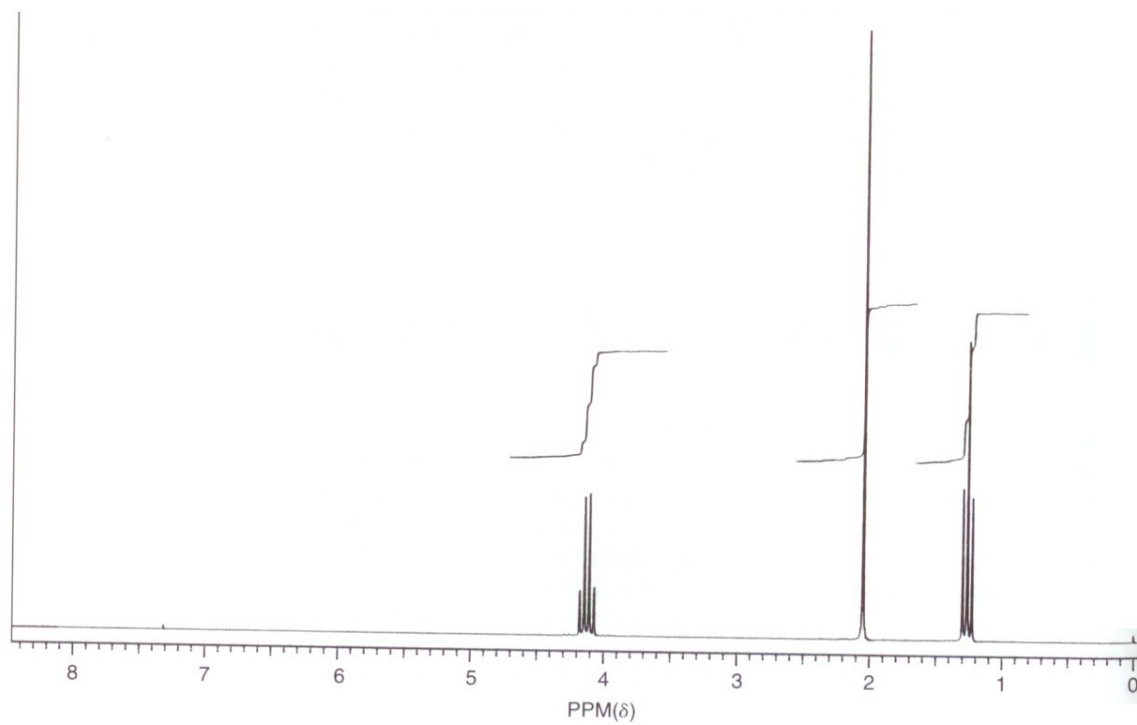


Figure 10.35

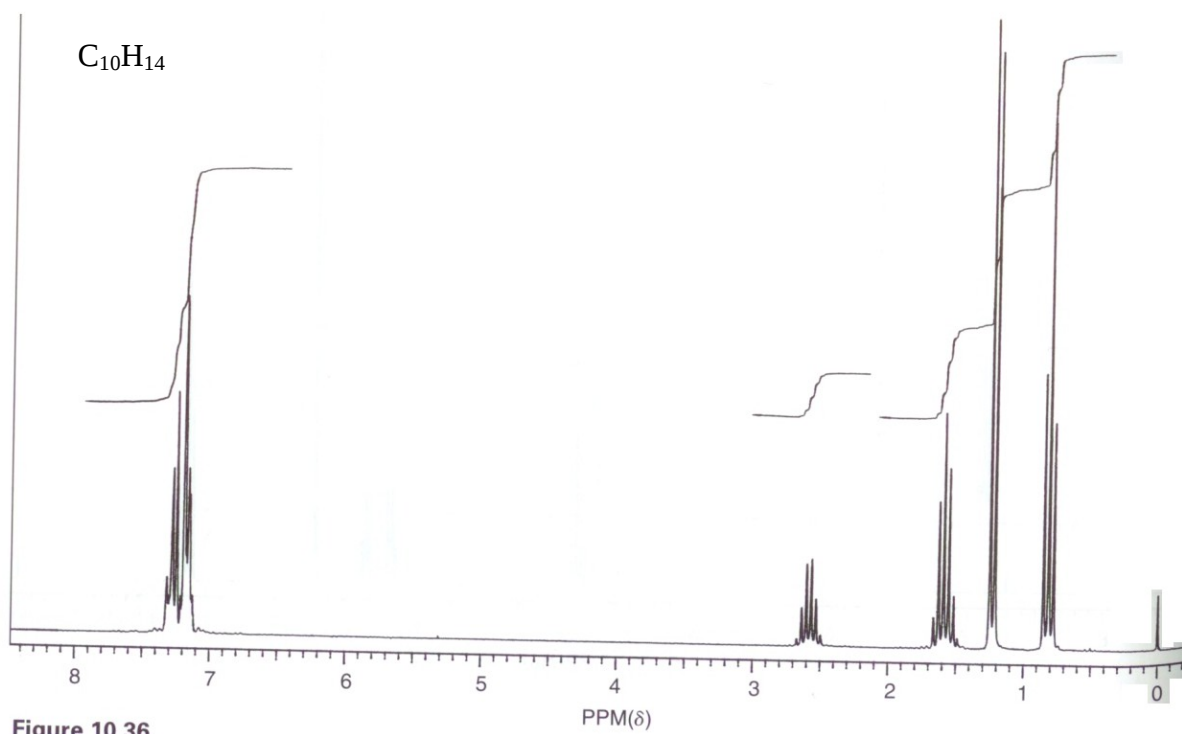


Figure 10.36

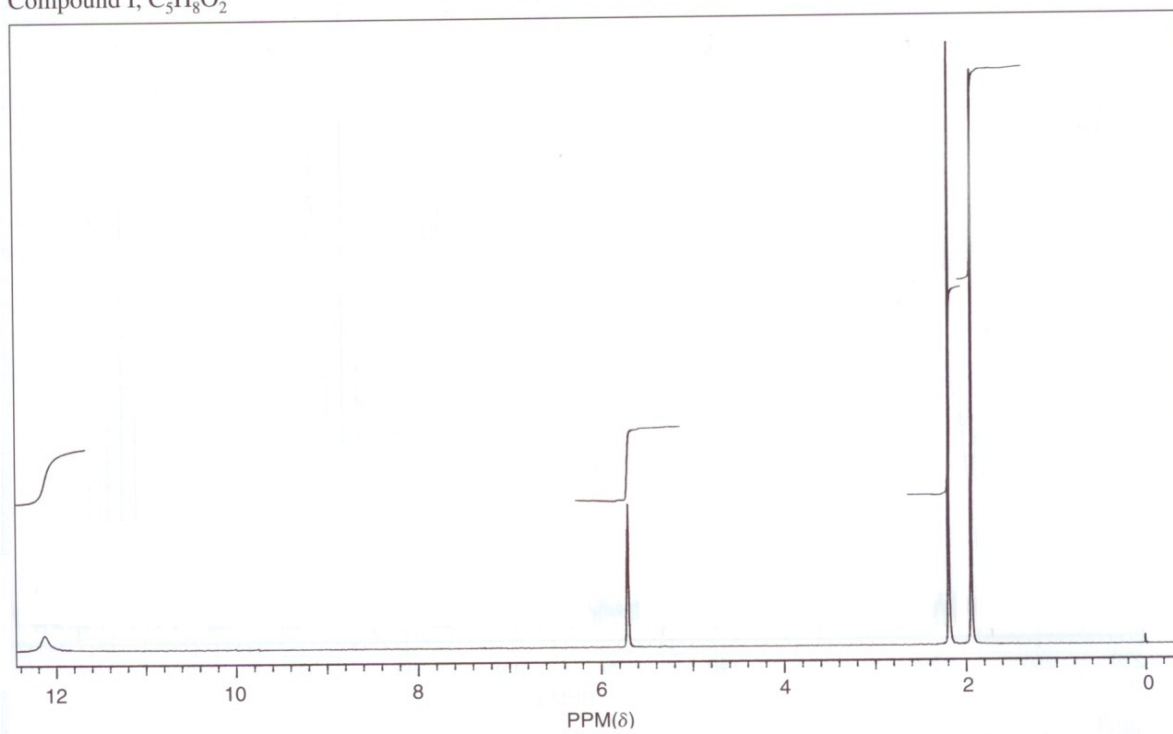
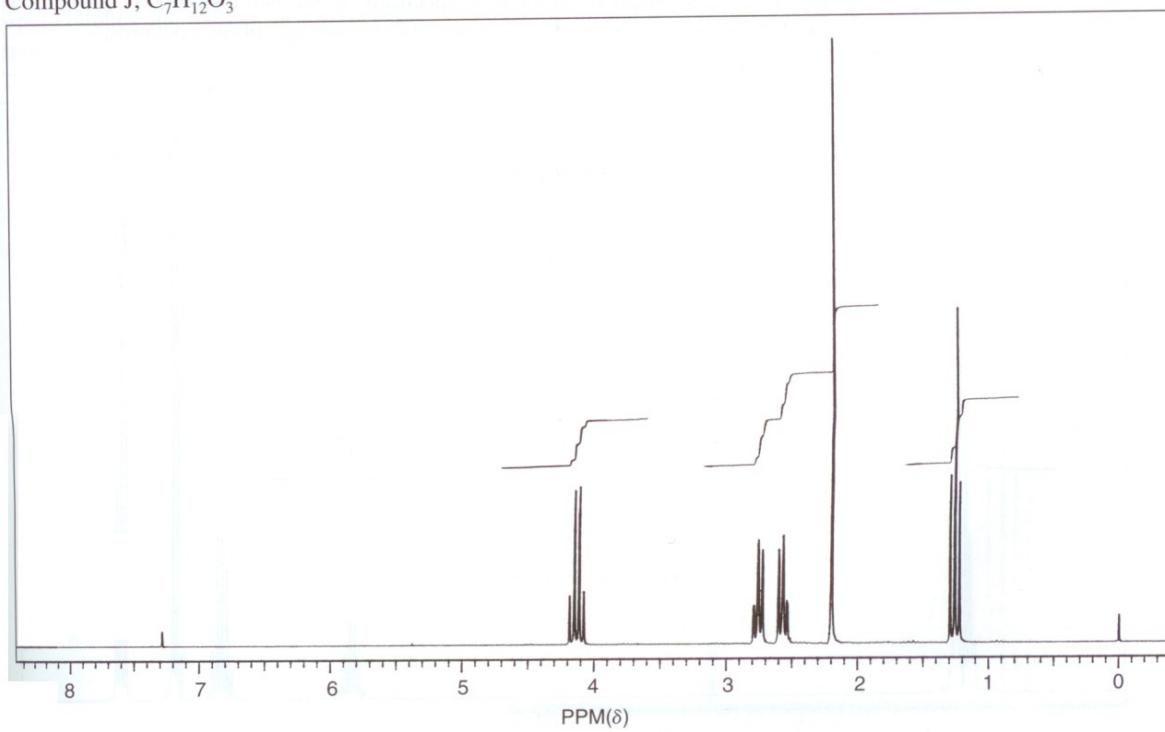
Compound I, $C_5H_8O_2$ Compound J, $C_7H_{12}O_3$ 

Figure 10.35 (Continued)