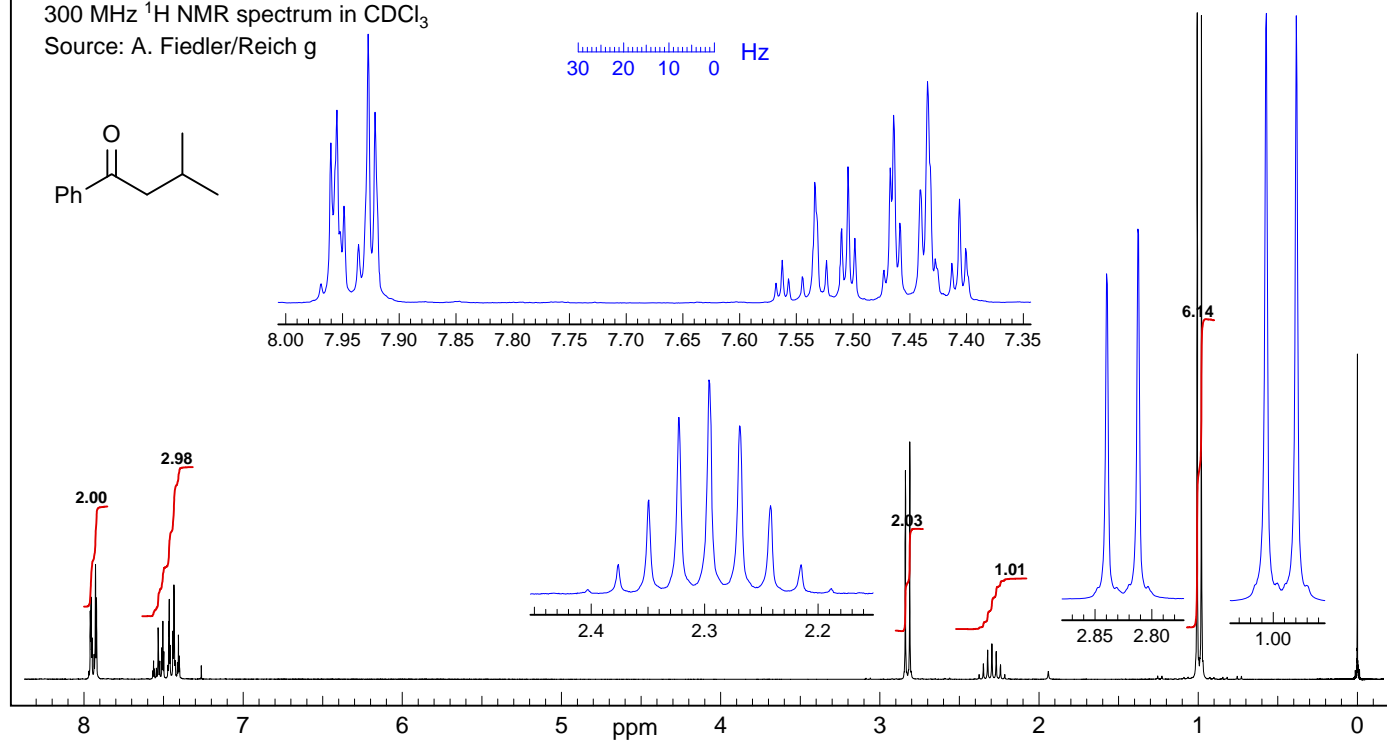
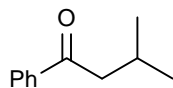
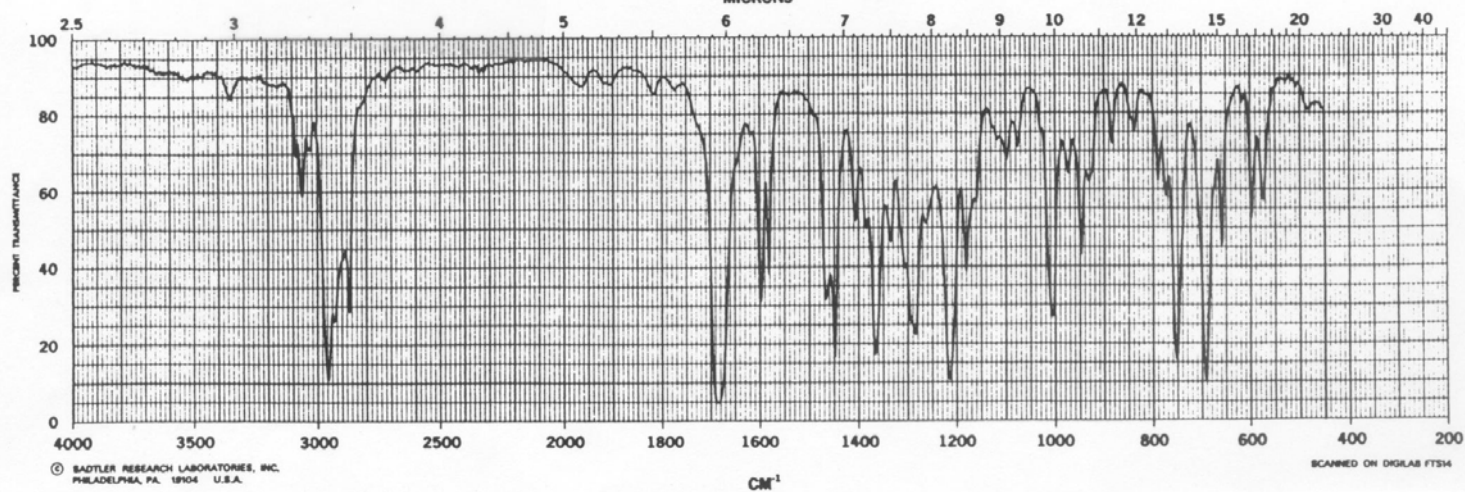
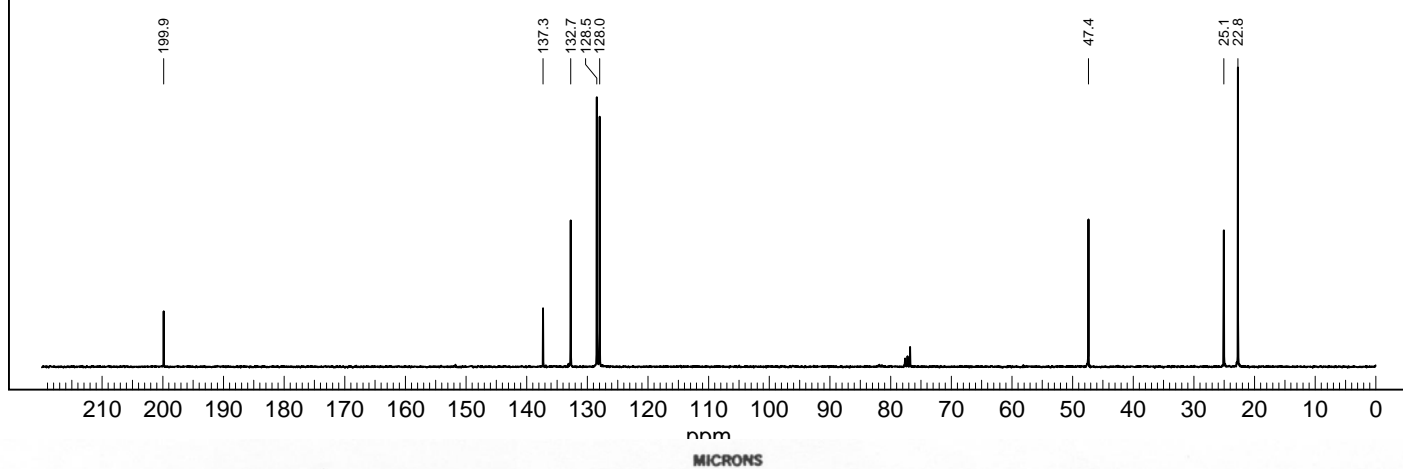


Problem R-27M ($C_{11}H_{14}O$)300 MHz 1H NMR spectrum in $CDCl_3$

Source: A. Fiedler/Reich g

**Problem R-27M** ($C_{11}H_{14}O$)75 MHz ^{13}C NMR spectrum in $CDCl_3$

Source: Aldrich Spectra Collection/Reich



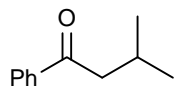
Problem R-27M ($C_{11}H_{14}O$)

 300 MHz 1H NMR spectrum in $CDCl_3$

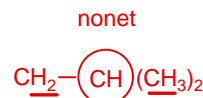
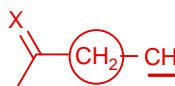
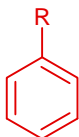
Source: A. Fiedler/Reich g

IHD = 5

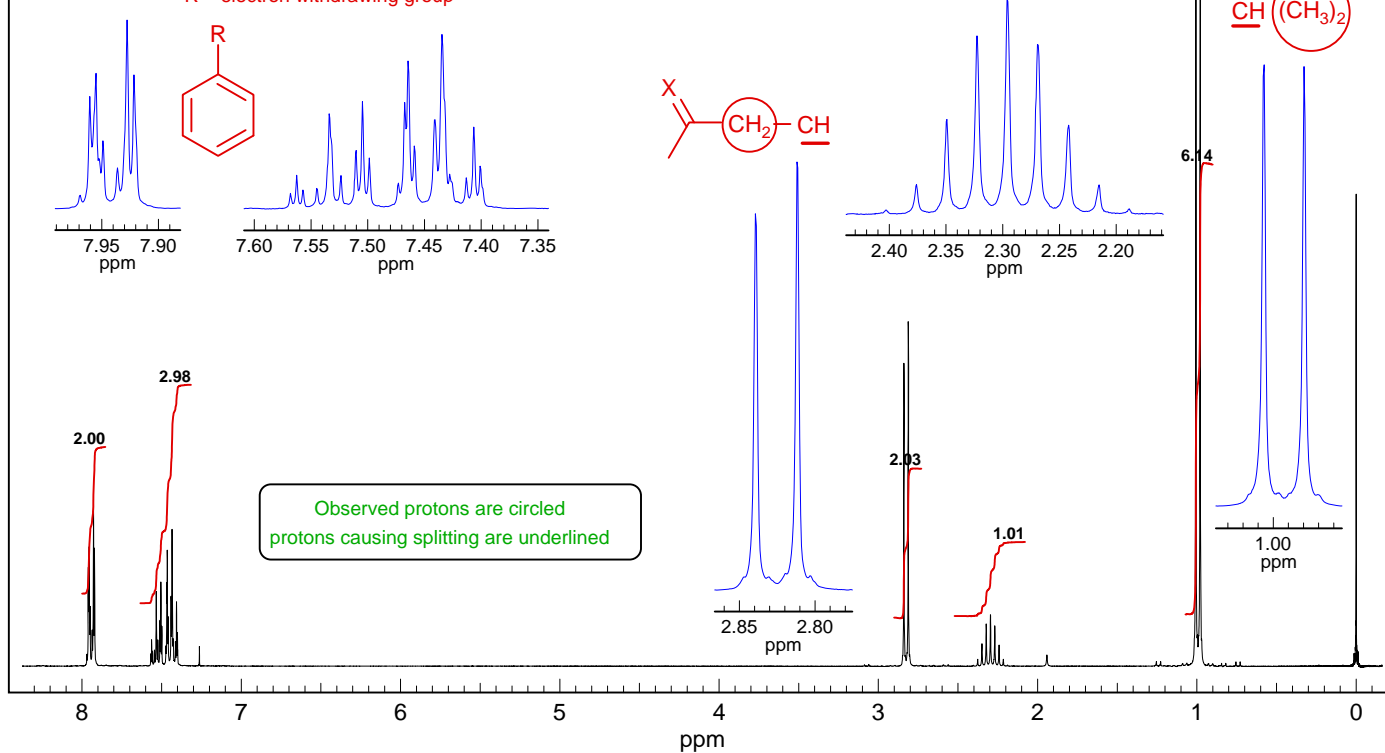
30 20 10 0 Hz



R = electron withdrawing group



nonet


Problem R-27M ($C_{11}H_{14}O$)

 75 MHz ^{13}C NMR spectrum in $CDCl_3$

Source: Aldrich Spectra Collection/Reich

