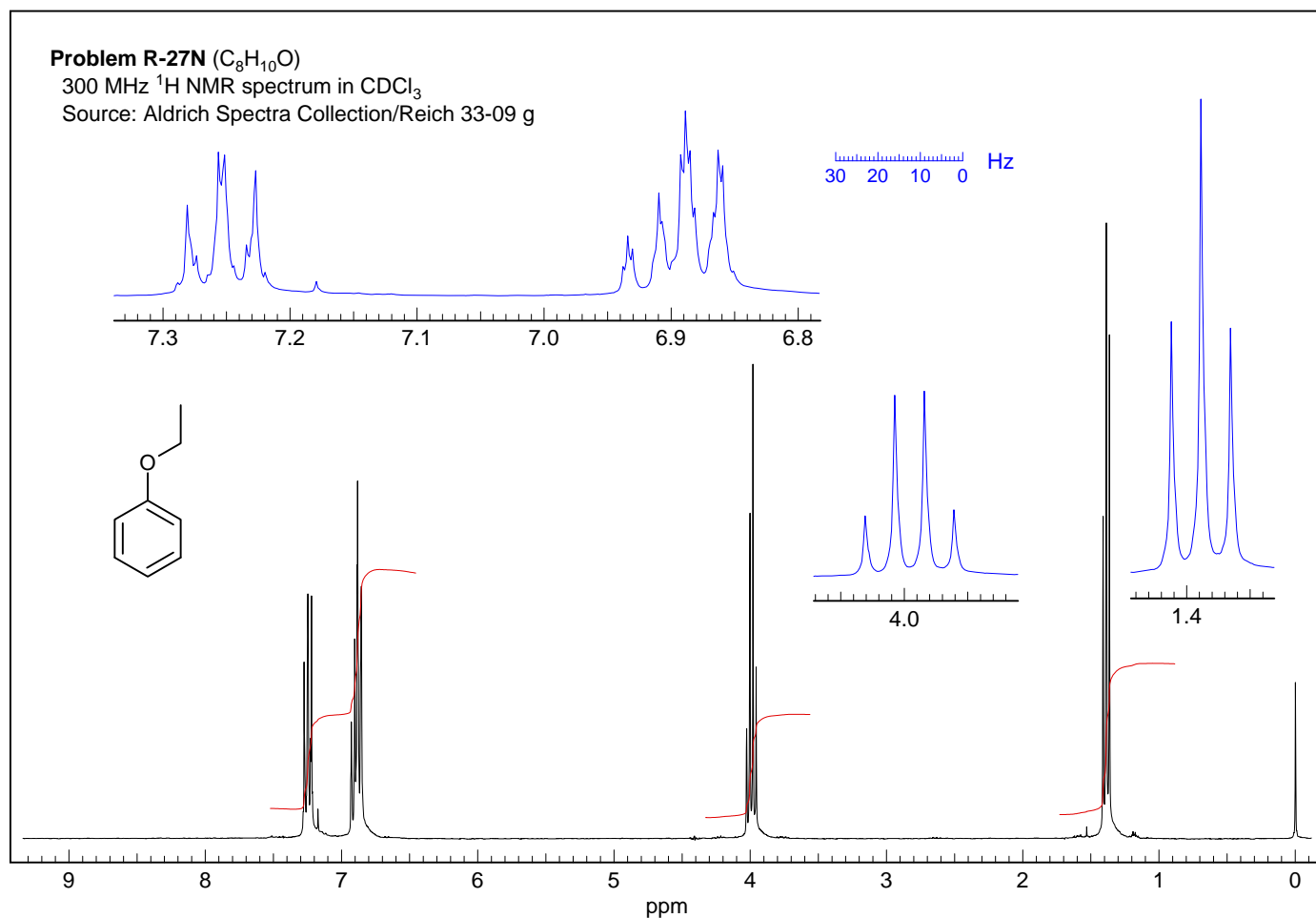
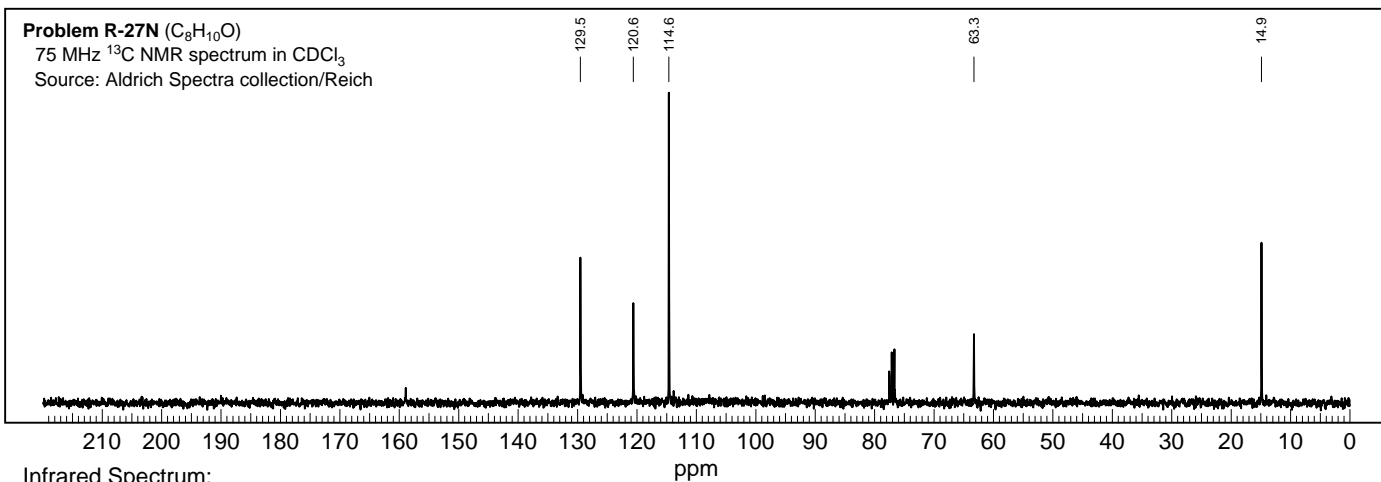


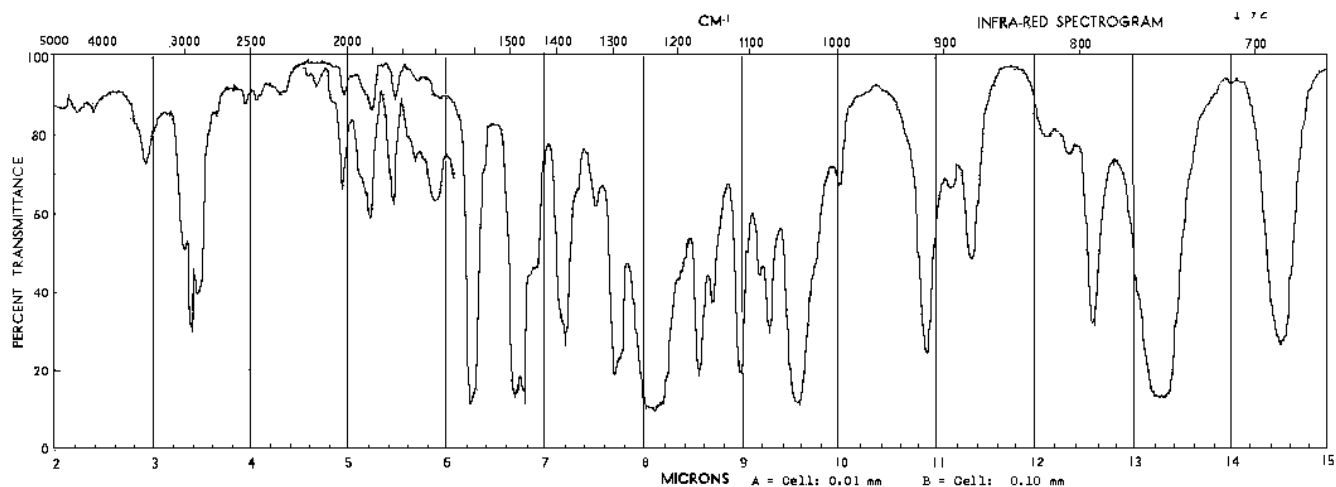
Problem R-27N (C₈H₁₀O)
 300 MHz ¹H NMR spectrum in CDCl₃
 Source: Aldrich Spectra Collection/Reich 33-09 g



Problem R-27N (C₈H₁₀O)
 75 MHz ¹³C NMR spectrum in CDCl₃
 Source: Aldrich Spectra collection/Reich



Infrared Spectrum:



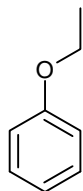
Problem Set 1 - NMR Spectra

Problem R-27N (C₈H₁₀O)

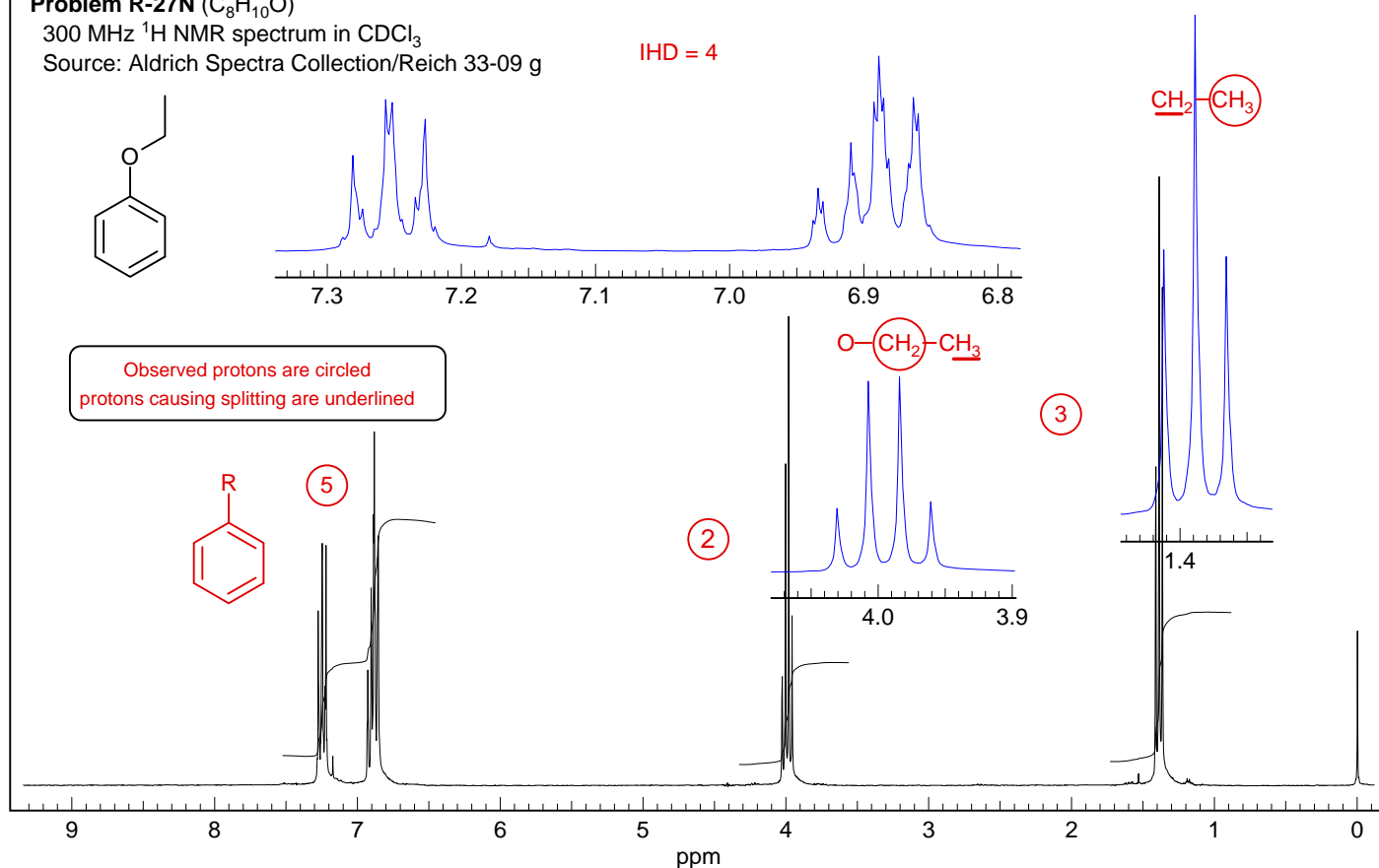
300 MHz ¹H NMR spectrum in CDCl₃

Source: Aldrich Spectra Collection/Reich 33-09 g

IHD = 4



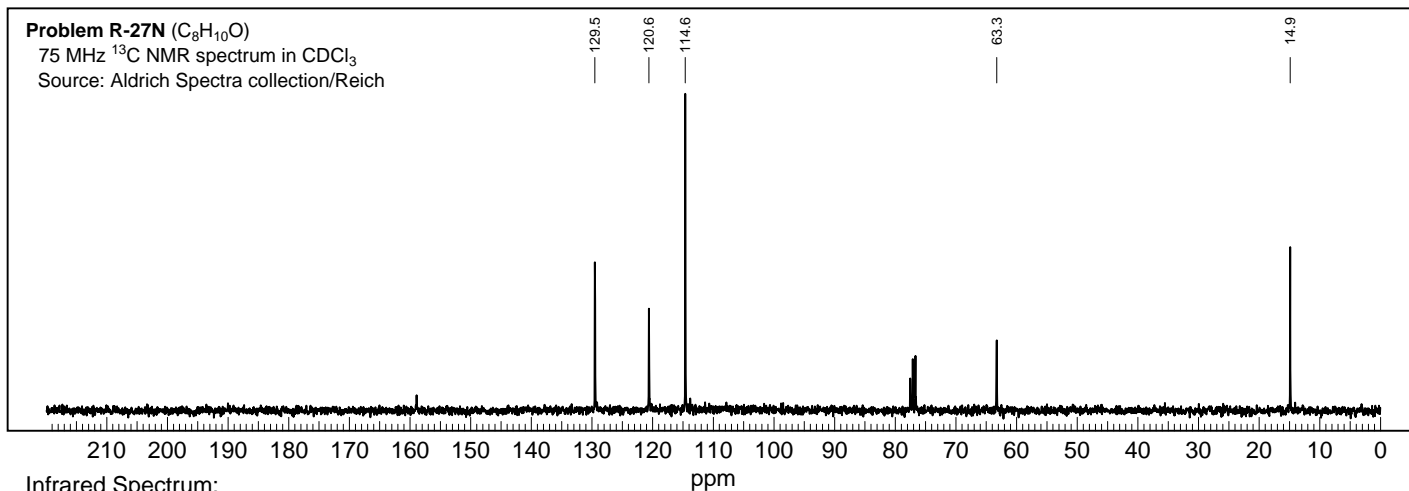
Observed protons are circled
protons causing splitting are underlined



Problem R-27N (C₈H₁₀O)

75 MHz ¹³C NMR spectrum in CDCl₃

Source: Aldrich Spectra collection/Reich



Infrared Spectrum:

