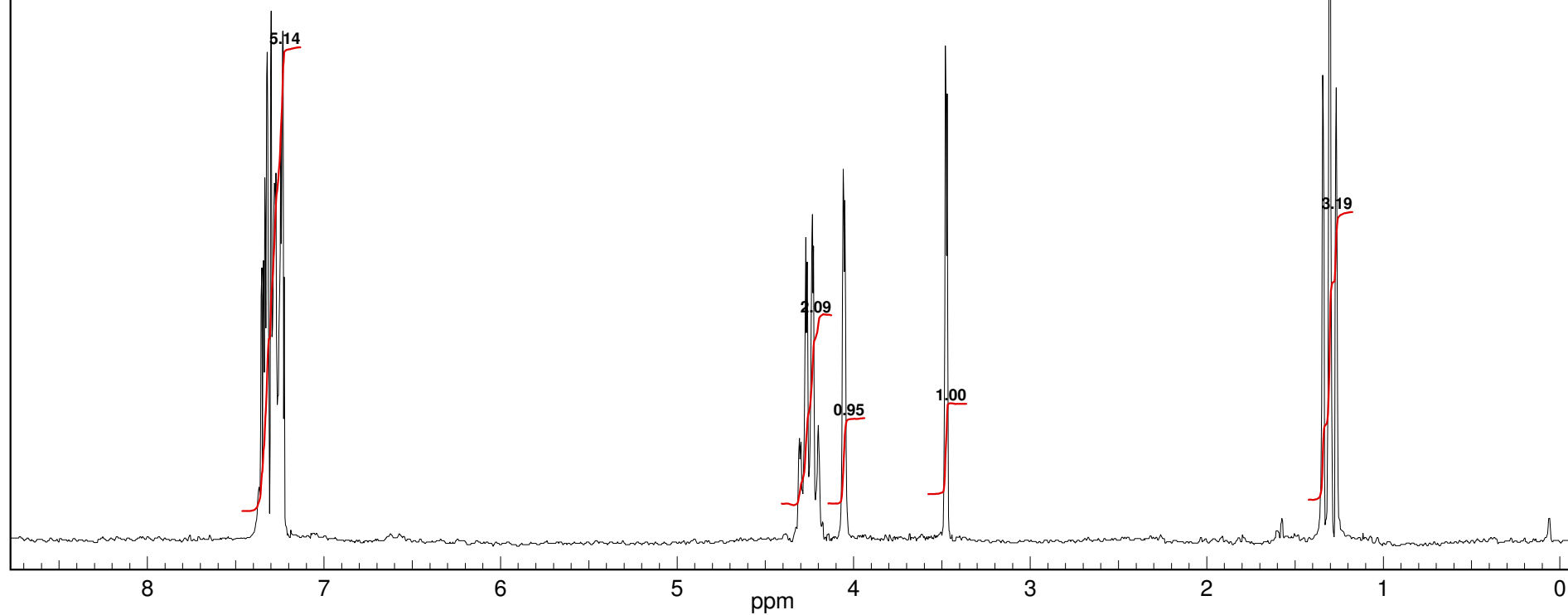
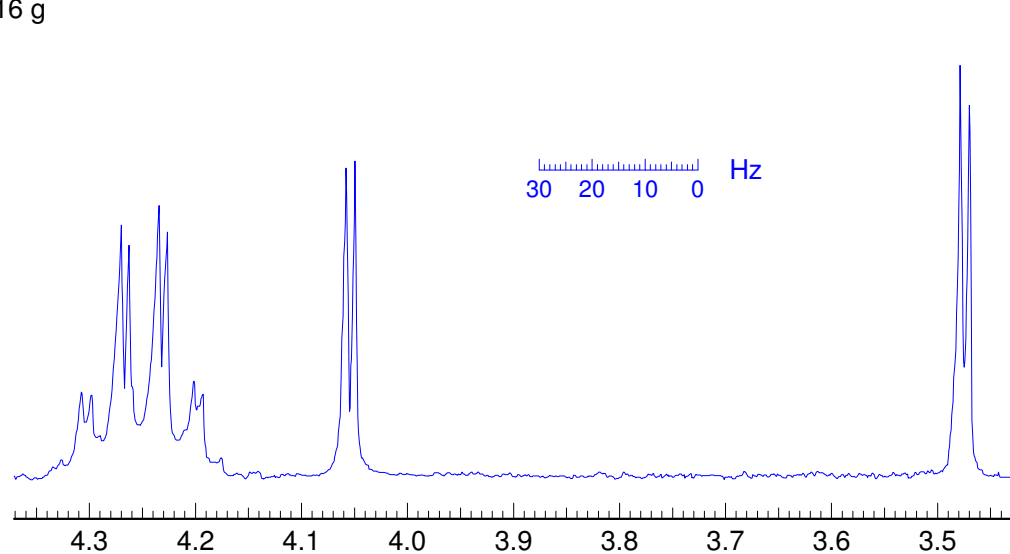
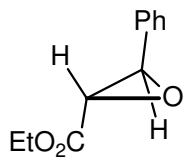
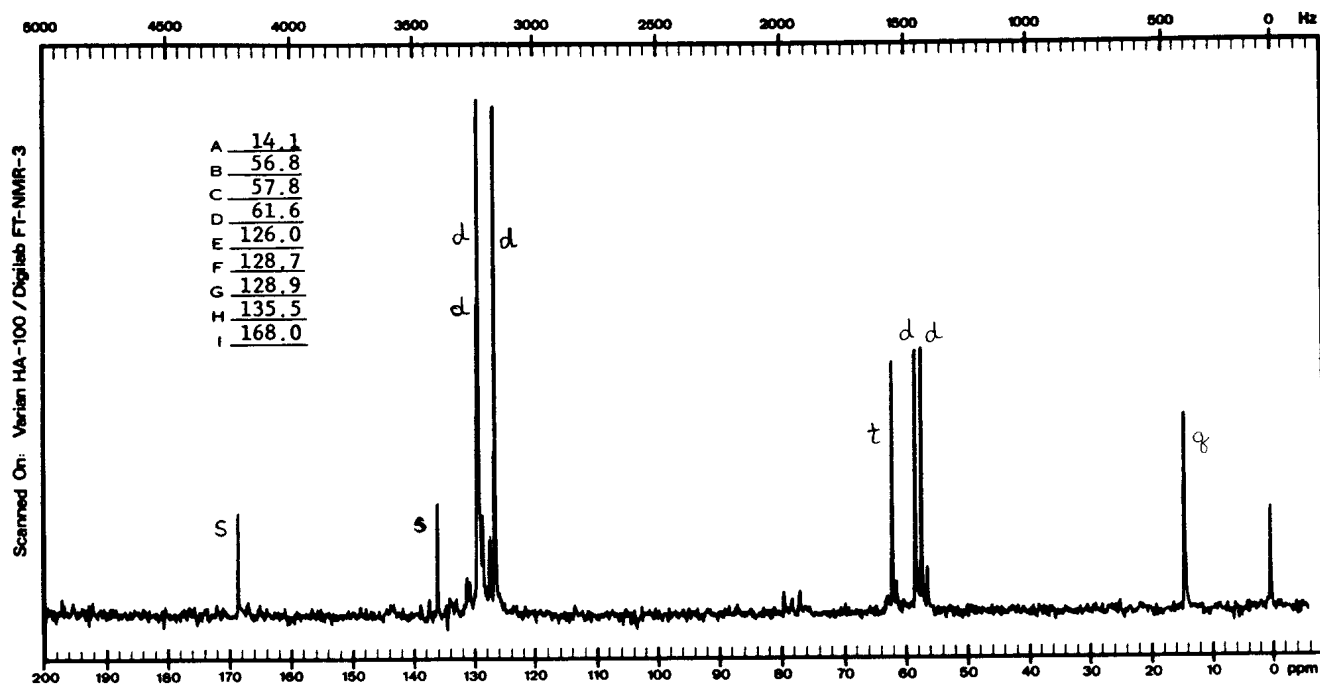


**Problem R-12H** ( $C_{11}H_{12}O_3$ ).  
200 MHz  $^1H$  NMR Spectrum in  $CDCl_3$ .  
Source: Tom Fleck/Vedejs 12-16 g



**Problem R-12H** ( $C_{11}H_{12}O_3$ ).  
 25 MHz  $^{13}C$  NMR Spectrum in  $CDCl_3$ .  
 Source: Sadtler



**Problem R-12H** ( $C_{11}H_{12}O_3$ ).  
 IR Spectrum neat.  
 Source: Sadtler

