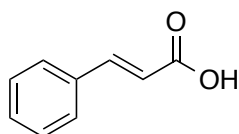
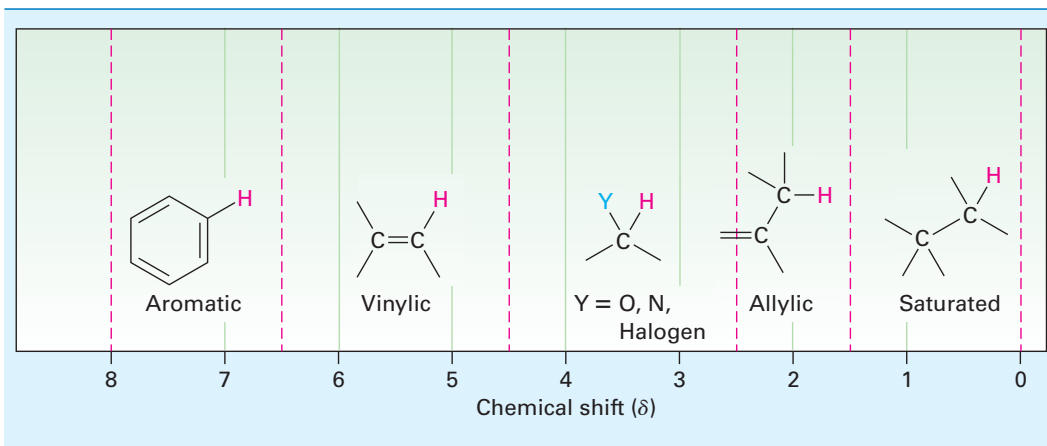
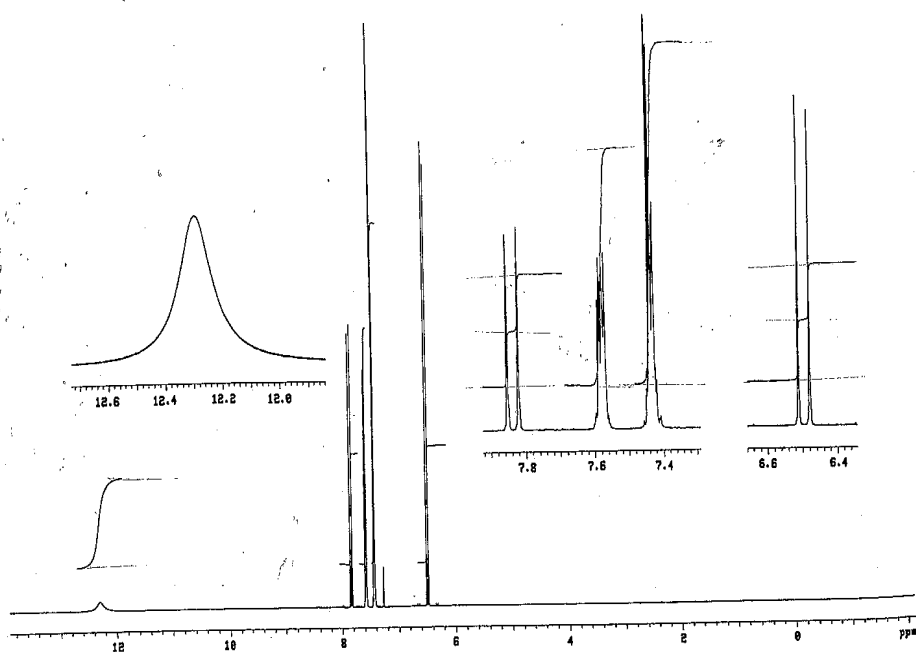
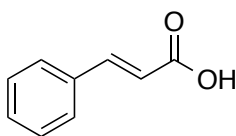
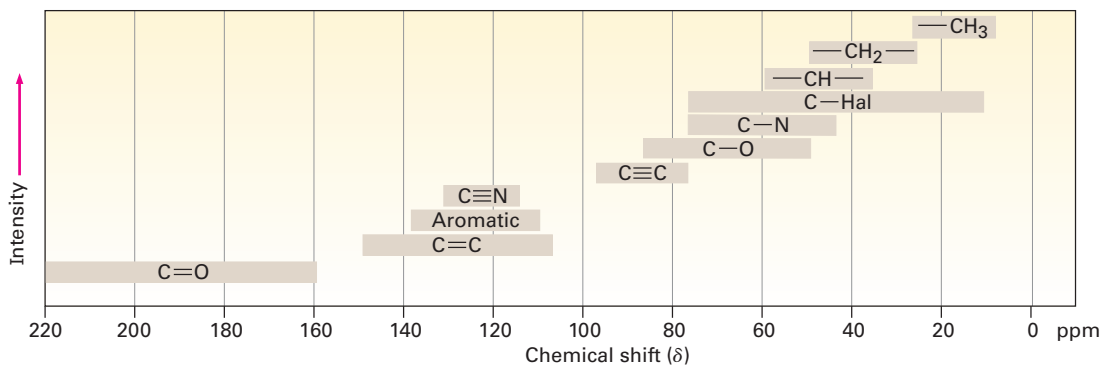


^1H NMRTable 13.2 Regions of the ^1H NMR Spectrum

Signal	Integration (#H's)	Splitting (Exp/Obs)	Chemical Shift, Expected	Chemical Shift, Observed
A				
B				
C				
D				
E				
F				



^{13}C NMR

Signal	Chemical Shift, Estimated	Chemical Shift, Observed
A'		
B'		
C'		
D'		
E'		
F'		
G'		

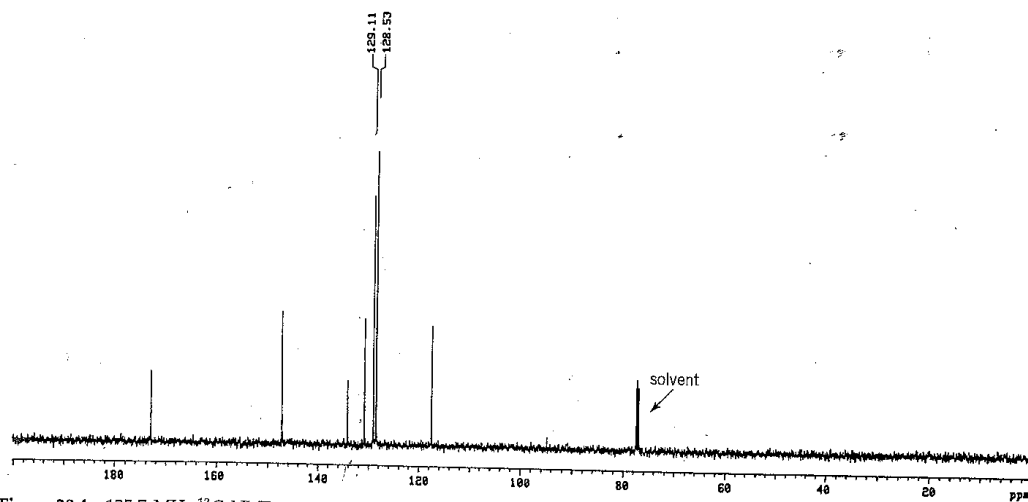


Figure 20.4 125.7-MHz ^{13}C -NMR spectrum of *trans*-cinnamic acid in CDCl_3 .