¹H NMR Analysis of β -ionone β -ionone

Signal	Integration (#H's)	Splitting (exp/obs)	Chemical Shift, Expected	Chemical Shift, Observed (Fig 20.3)
A	3			
B	1			
C	1			
D	-- N/A --			
E	3			
F	3			
G	3			
H	2			
I	2			
J	2			

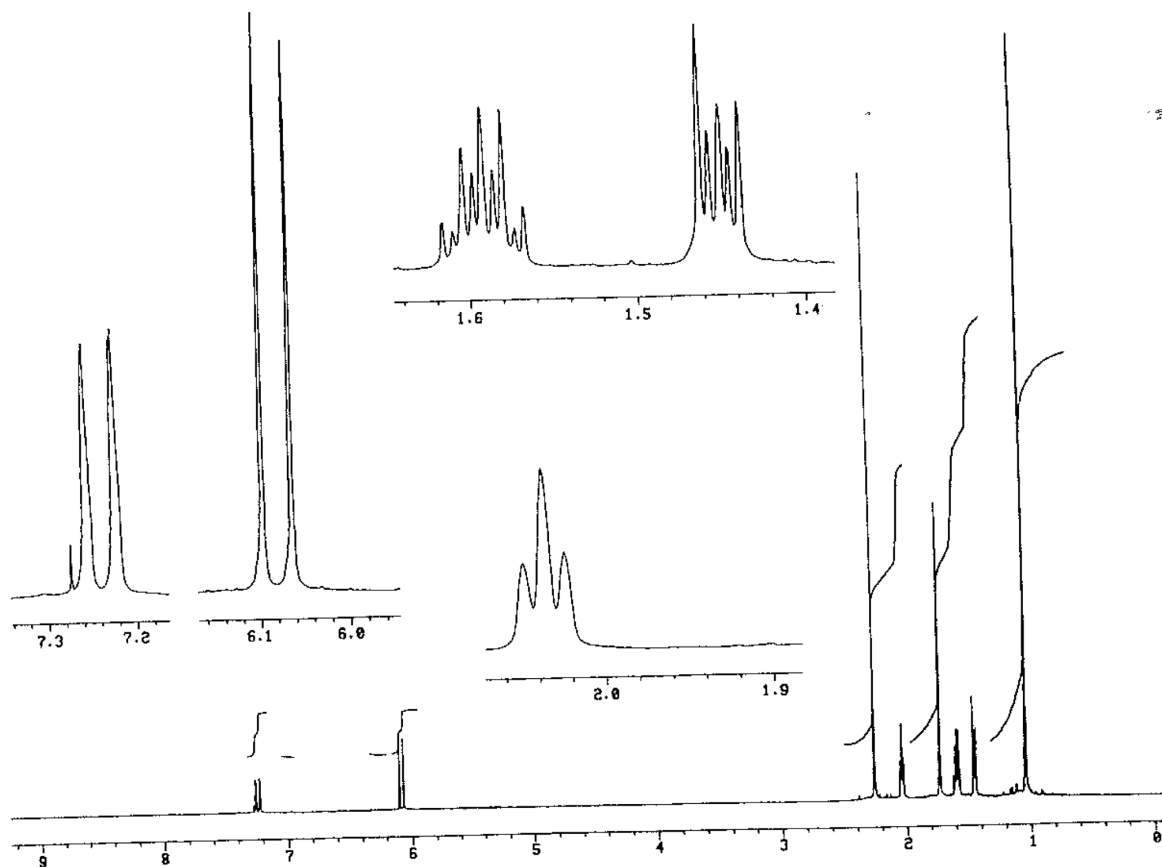
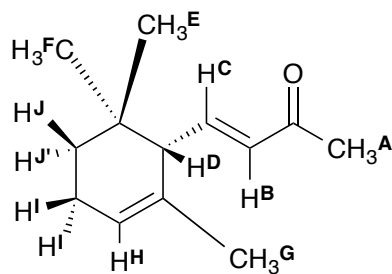
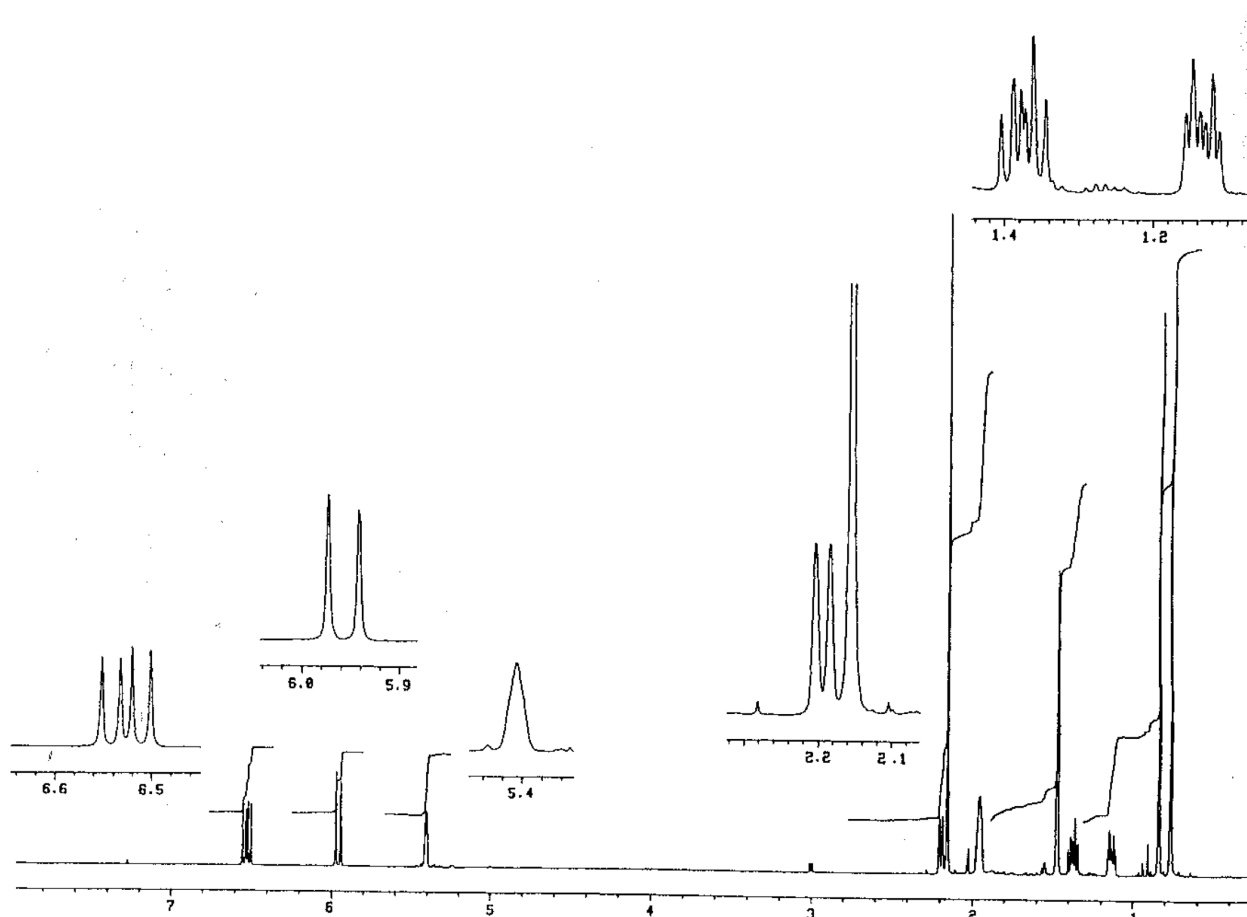


Figure 23.15 500-MHz ¹H-NMR spectrum of β -ionone in CDCl₃.

 ^1H NMR Analysis of α -ionone

Signal	Integration (#H's)	Splitting (exp/obs)	Chemical Shift, Expected	Chemical Shift, Observed (Fig 20.3)
A	3			
B	1			
C	1			
D	1			
E	3			
F	3			
G	3			
H	1			
I	2			
J	1			
J'	1			

Figure 23.12 500-MHz ^1H -NMR spectrum of α -ionone in CDCl_3 .