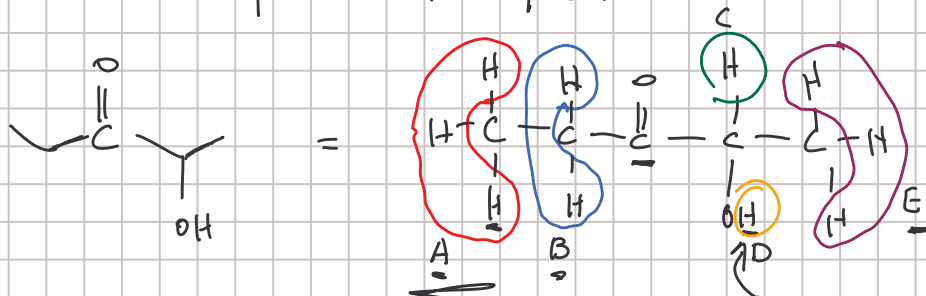
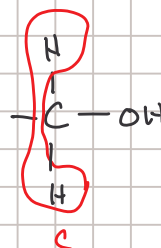
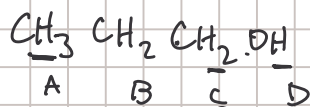
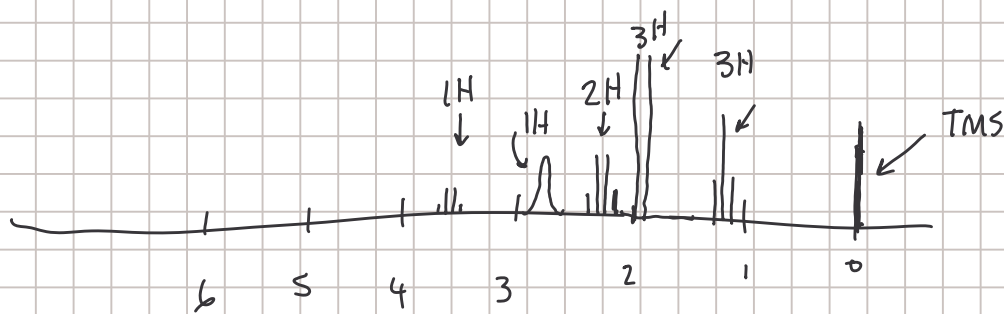


NMR

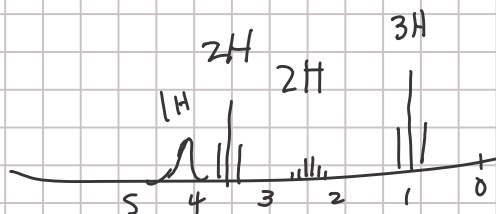
Predict the spectrum

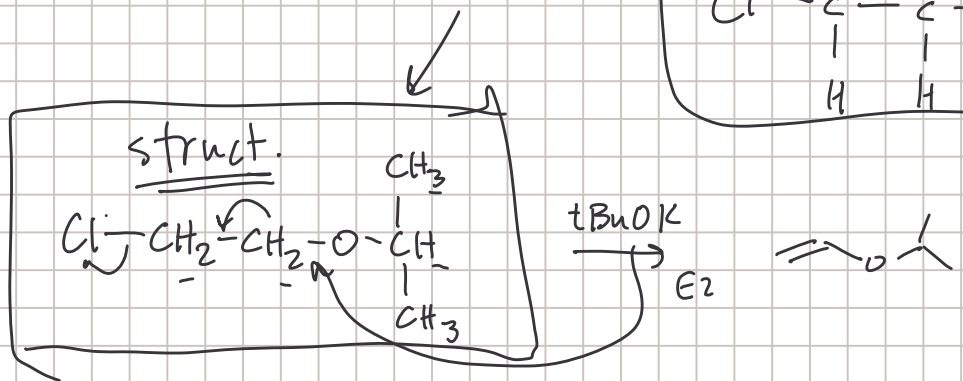
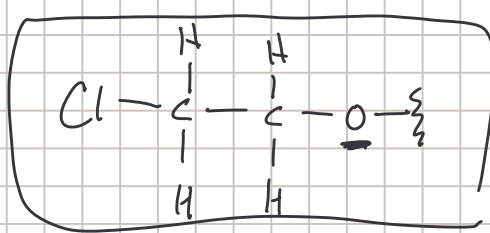
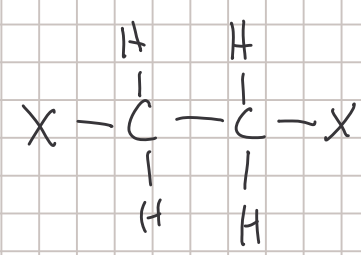
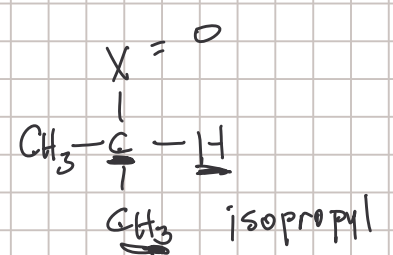
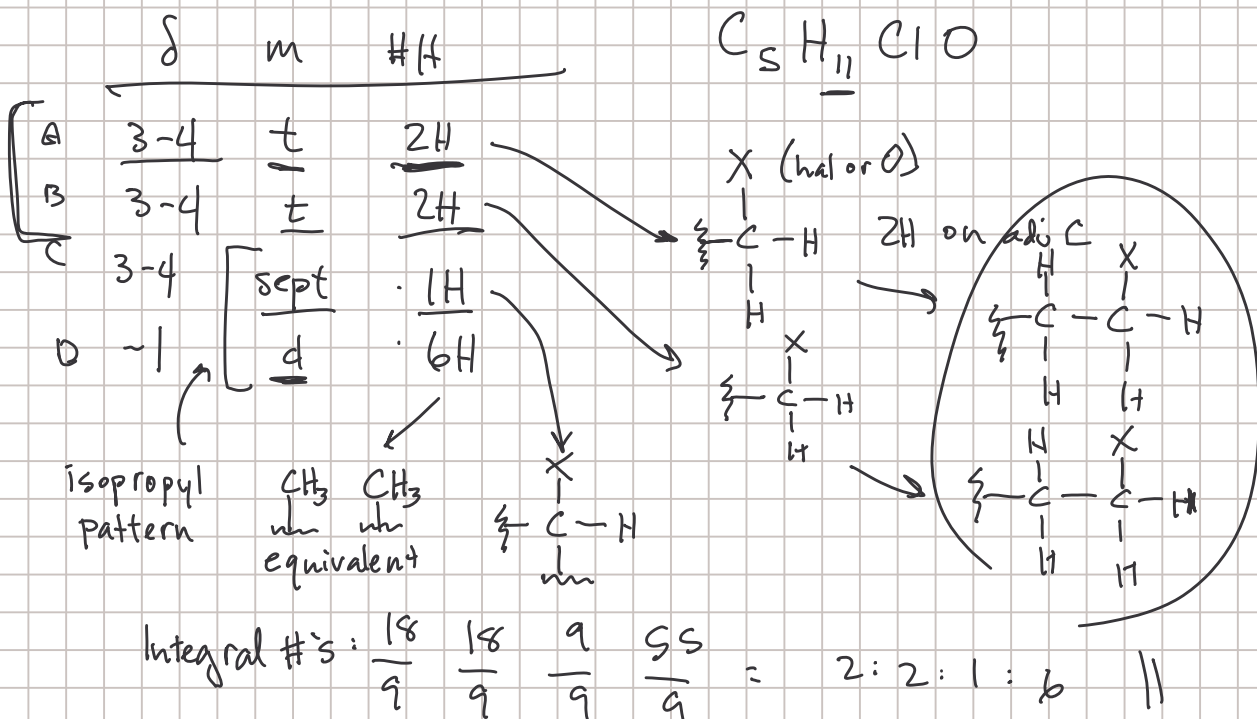


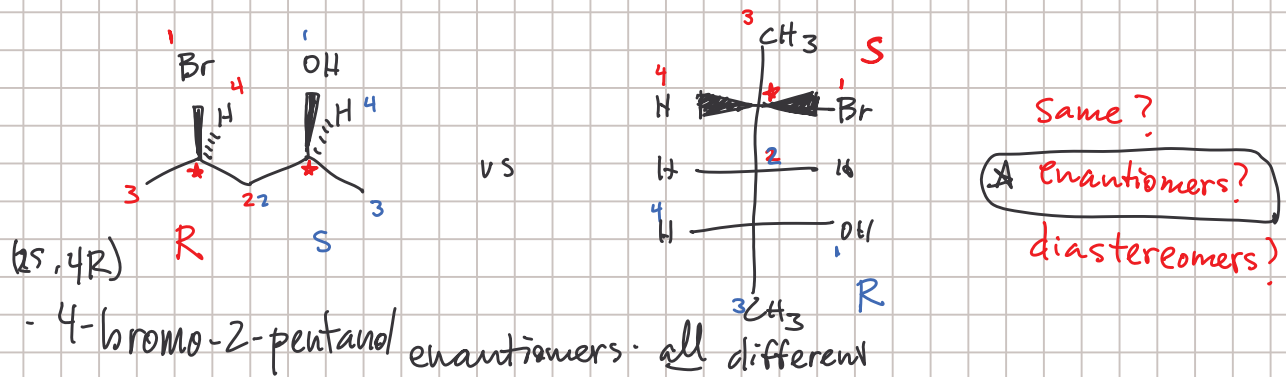
H	δ	shape	m	#H
A	1-1.5		t	3
B	2-2.5		q	2
C	3-4		q	1
D	2-6 (?)	broad.	s	1
E	~ 2		d	3



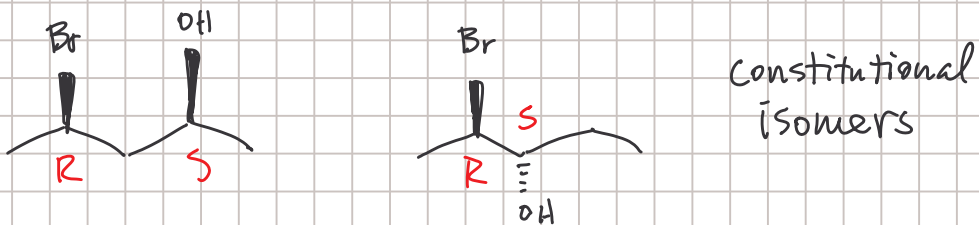
H	δ	m	#H
A	1	t	3
B	2-3	Sextet	2
C	3-4	t	2
D	var. (2-6)	br. s	1







Diastereomers: some same, some different
 same: all same



allylic bromination

ways to form
 carbon-carbon bonds

- 1) Grignard
- 2) Acetylide ions

