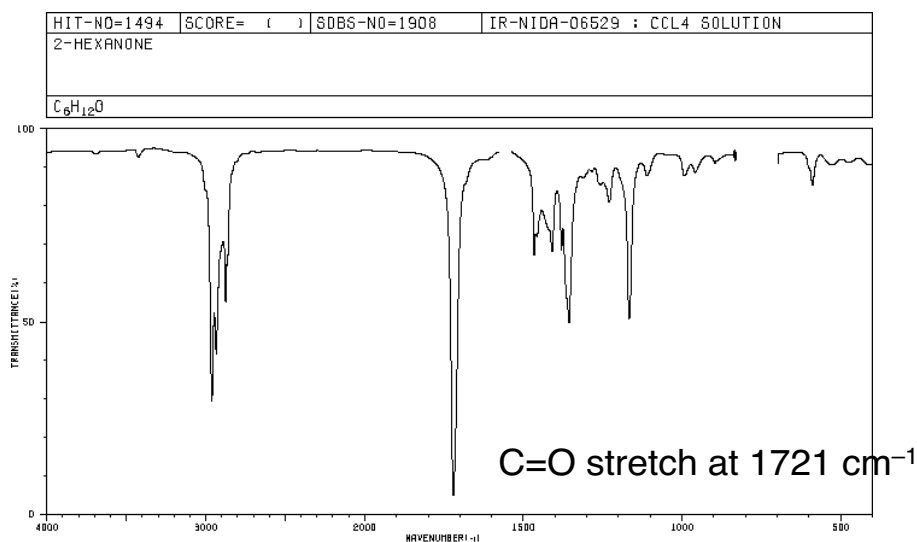


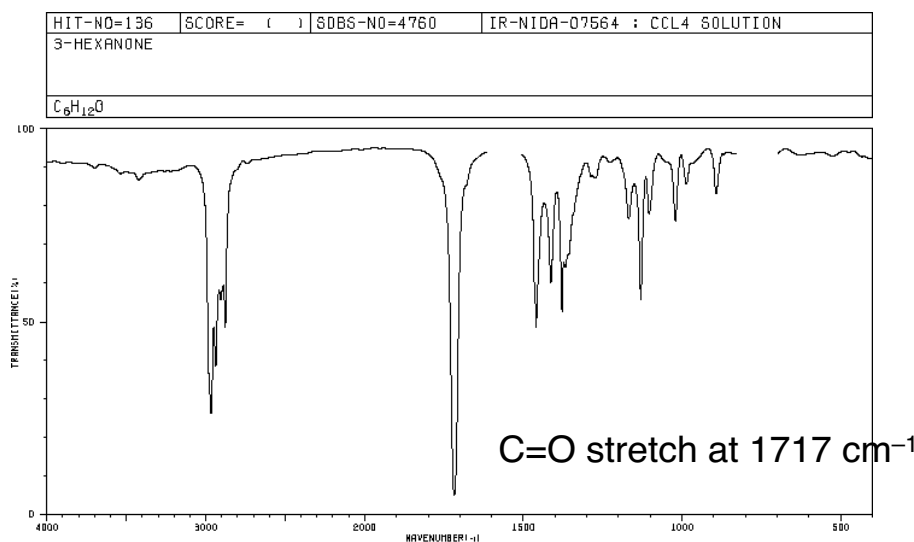
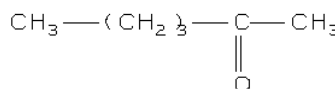
Notes for Lecture #4

Infrared Spectroscopy, MS Fragmentation Patterns, ^{13}C NMR (symmetry)

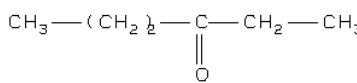
Infrared Spectra of 2-hexanone and 3-hexanone



2962	26	1466	64	1167	49
2934	39	1457	70	1111	84
2876	53	1420	70	994	84
2856	62	1410	66	959	84
1721	4	1380	66	802	86
1557	95	1358	47	595	84
1562	95	1230	77	589	81

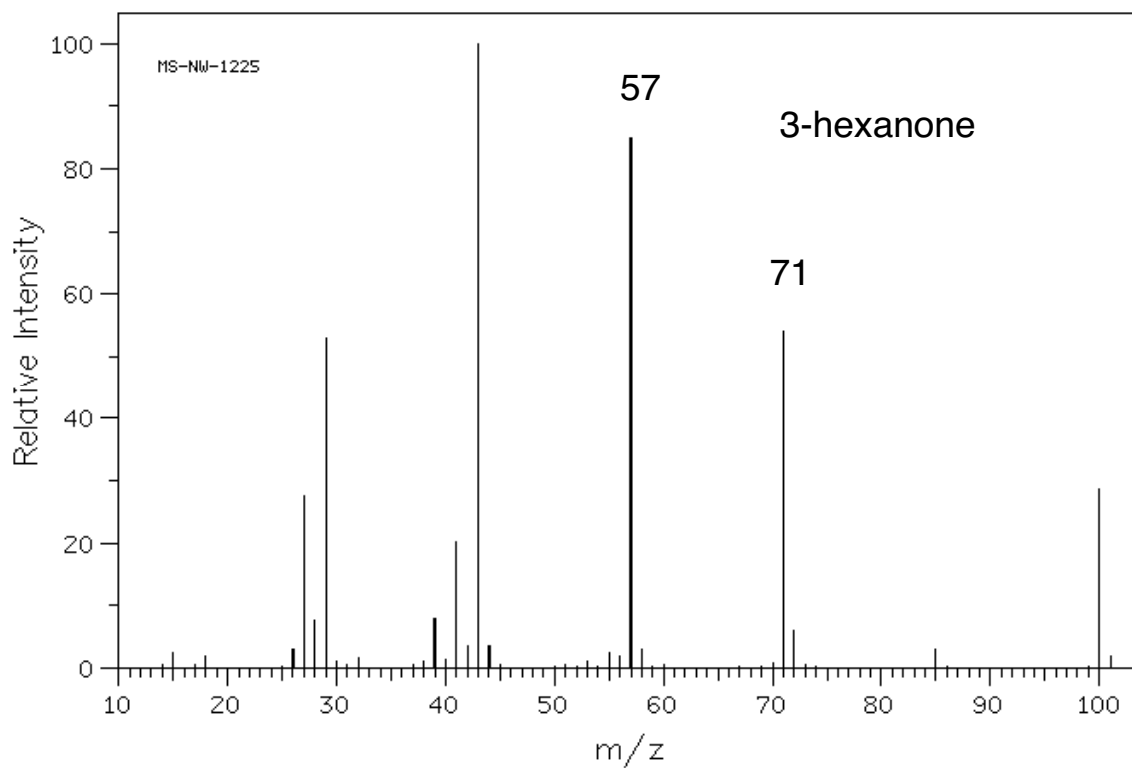
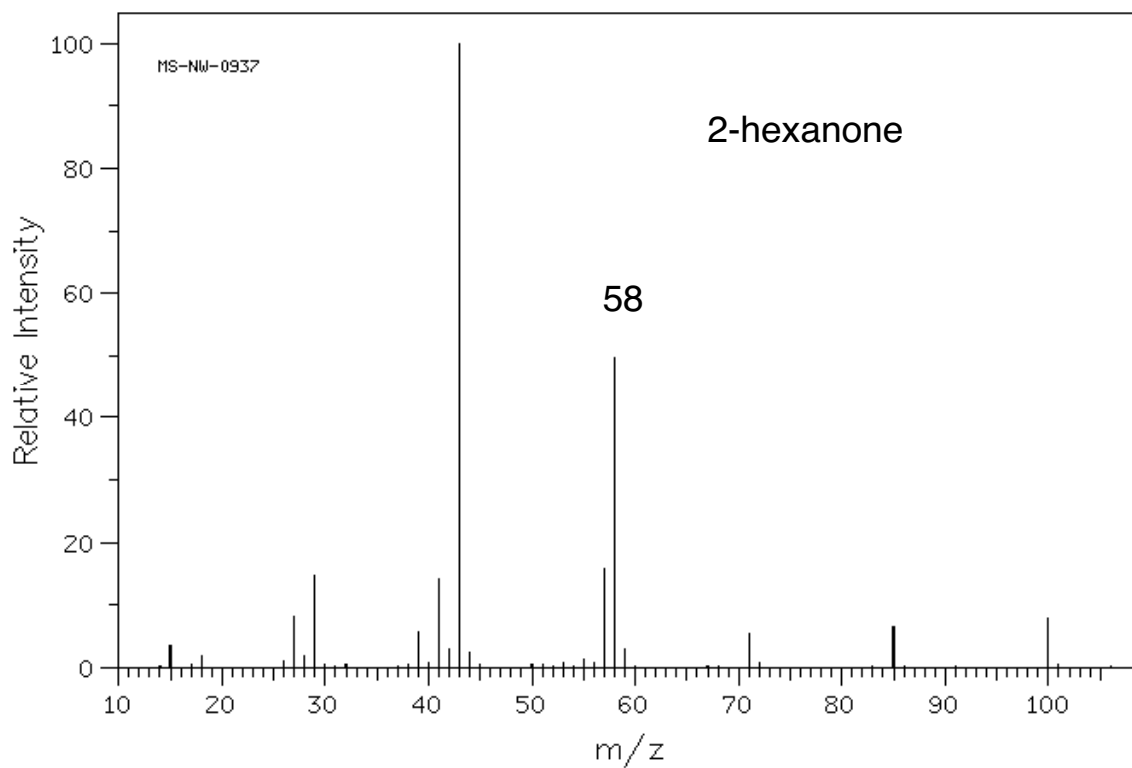


3420	84	1414	58	1168	74
2966	25	1379	50	1130	53
2936	36	1368	62	1104	74
2906	63	1360	64	1021	72
2877	46	1288	84	986	81
1717	4	1278	64	894	79
1460	46	1274	84		



Mass Spectrometry data for 2-hexanone and 3-hexanone

4-2



(Which is which?)

