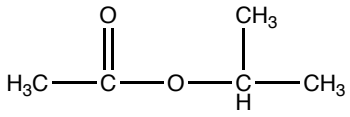
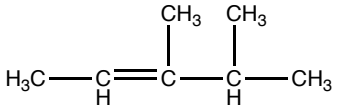
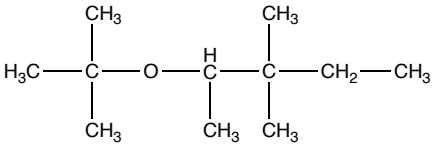
NMR (A)

For the ^{1}H NMR spectrum of each of the following compounds, predict

- the number of signals
- the relative intensity of the signals
- the splitting pattern of each signal
- the chemical shift (δ) of each signal

compound	number of signals	signal	relative intensity	splitting pattern	chemical shift (δ)
	3	a	3	s	2.1-2.6
		b	1	m	3.7-4.1
		c	6	d	0.7-1.2
		d			
		e			
		f			
	5	a	3	d	0.7-1.2
		b	1	q	4.5-6.0
		c	3	s	0.7-1.2
		d	1	m	1.4-1.6
		e	6	d	0.7-1.2
		f			
	6	a	9	s	0.7-1.2
		b	1	q	3.1-3.9
		c	3	d	0.7-1.2
		d	6	s	0.7-1.2
		e	2	q	1.2-1.4
		f	3	t	0.7-1.2