

6(a)(i)	M1: (R_f value) is distance moved by a component / spot / solute AND divided by distance moved by solvent OR (R_f value) is the ratio of distance moved by a component / spot / solute AND by distance moved by solvent M2: (retention time) is (the time) between injection and detection (of a component)						
6(a)(ii)	thin-layer chromatography: polar solvent OR non-polar solvent OR named solvent gas-liquid chromatography: non-volatile liquid OR high boiling point liquid						
6(b)	A is more soluble in the mobile phase OR A has less adsorption to the stationary phase						
6(c)(i)	<table border="1"> <thead> <tr> <th>compound</th><th>number of peaks observed</th></tr> </thead> <tbody> <tr> <td>Y</td><td>2</td></tr> <tr> <td>Z</td><td>2</td></tr> </tbody> </table>	compound	number of peaks observed	Y	2	Z	2
compound	number of peaks observed						
Y	2						
Z	2						
6(c)(ii)	M1: Y (two) singlet(s) M2: Z triplet AND quartet						