

## Mark schemes

Q1.

D

*An increase in pressure increases the value of  $K_c$* 

[1]

Q2.

C

 $C_6H_5COCH_3$ 

[1]

Q3.

B

*Biofuel ethanol is purified by fractional distillation*

[1]

Q4.

D

*3-methylbutan-2-ol*

[1]

Q5.

D

*pentan-2-ol*

[1]

Q6.

C

[1]

Q7.

A

[1]

Q8.

A

[1]

**Q9.**  
**B**

**[1]**