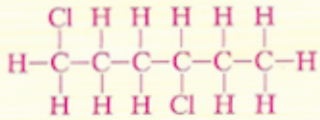
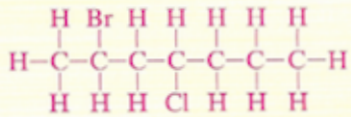
Answers to problems page 705

39. a.



b.

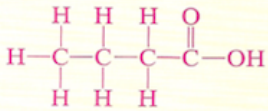


40. a. butanone

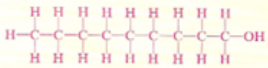
b. butanal

c. both formulas are C_4H_8O

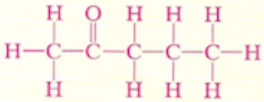
41. a.



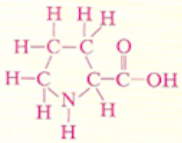
b.



c.



42.



43. a. iodomethane

b. 1,2-dichloroethane

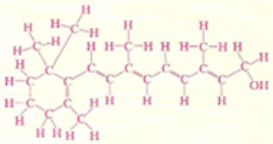
44. a. methanol

b. 1,2-propanediol

c. 2-butanol

d. 2-hexanol

45.



46. a.

b.

47. a. 3-hexanone

b. 3-bromo-1,1-dichlorobutane

c. cyclohexanol