

Homework Answers
Hill-Petrucci
P117 #31,32,35,36,37

31. a. 45.94% K, 16.46% N, 37.60% O
b. 64.81% C, 13.60% H, 21.59% O
c. 10.22% Al, 35.21% P, 54.57% O
d. 4.80% H, 19.05% C, 76.15% O

32. a. 45.14% Ba, 23.31% Cl, 31.56% O
b. 12.17% N, 4.38% H, 27.86% O, 55.59% S
c. 64.56% C, 5.42% H, 30.02% Fe
d. 58.34% C, 3.50% H, 22.21% O, 15.95% Na

35. a. N_2O_5
b. C_5H_{11}

36. a. $\text{C}_2\text{H}_4\text{O}$ b. $\text{C}_4\text{H}_9\text{O}$

37. a. $\text{C}_6\text{H}_4\text{Cl}_2$ b. $\text{C}_6\text{H}_{12}\text{O}_6$