## %Composition By Mass

Key

## Data

Mass of empty beaker = 36.95 g Mass of beaker with CCl4 = 43.62 g Mass of beaker with carbon only = 37.47 g

a) How much CCl4 was originally present?

b) What mass of CCl4 in this sample is due to carbon? Chlorine?

6.67-0.79= 5.88g Cl

c) Calculate the % composition of carbon and chlorine in the compound CCl4.

d) What would be the mass of Cl in a 365 gram sample of CCl4?