Formula molecular

Ejercicios

1)

$C = 40_g / 12_g \neq mol = 3.33 \div 3.33 = 1$

$H = 6.7_g / 1_g / mol = 6.7 \div 3.33 = 2$

$O = 53.3_g / 16_g / mol) = 3.33 \div 3.33 = 1$

$C = 12 \times 1 = 12$

$H = 1 \times 2 = 2$

$O = 16 \times 1 = \underline{16}$

$30$

$n = 90_g / 30 = 3$

R//: $C_3 H_6 O_3$

2)

$C = 37.8_g / 12_g / mol = 3.15 \div 1.5_a = 1$

$H = 6.3_g / 1_g / mol = 6.3 \div 1.5_a = 3$

$O = 55.8_g / 35_g / mol = 1.5_a \div 1.5_a = 1$

$C = 12 \times 1 = 12$

$H = 1 \times 3 = 3$

$Cl = 35 \times 1 = 35$

$$\overline{\phantom{xxxx}}$$

$50$

$127 / 50 = 2$

$CH_3Cl$

$B//: C_2H_6Cl_2$