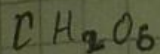
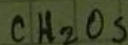


Solucian

$$\begin{array}{l}
 \text{C: } \frac{40\text{g}}{12} = 3.333 \div 3.33 = 1 \\
 \text{H: } \frac{6.7\text{g}}{1} = 6.7 \div 3.33 = 2 \\
 \text{O: } \frac{53.3\text{g}}{16} = 17.76 \div 3.33 = 5
 \end{array}$$



C: 12 · 1 = 12

H: 1 · 2 = 2

O: 16 · 5 = $\frac{80}{94}$

n = 94g / 94 = 0.957

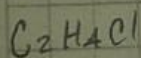
Formula mol: C₂ H₂ O₆

2.

C: $\frac{37.8\text{g}}{12} = 3.15 \div 1.571 = 2$

H: $\frac{6.3\text{g}}{1} = 6.3 \div 1.571 = 4$

Cl: $\frac{55.9\text{g}}{35.5} = 1.571 \div 1.571 = 1$



C: 12 · 2 = 24

H: 1 · 4 = 4

Cl: 35.5 · 1 = $\frac{35.5}{63.5}$

n = 127 / 63.5 = 2

Formula mol: C₄ H₈ Cl₂