

1 Дано:

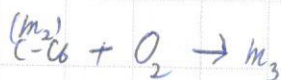
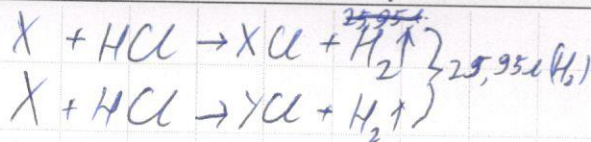
$$m_{\text{обс.}} = 29,2 \text{ г.}$$

$$V(\text{H}_2) = 25,95 \text{ л.}$$

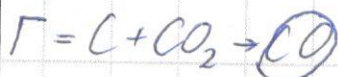
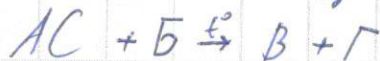
$$m_2 = 29,2 \text{ г.} - 19,44 \text{ г.} = 9,76 \text{ г.}$$

$$m_3 = 9,76 \text{ г.} + 28,43 \text{ г.} = 38,19 \text{ г.}$$

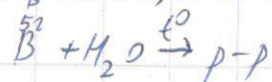
$$X - ? \quad Y - ? \quad \omega(X) - ? \quad \omega(Y) - ?$$



$$2) \text{ Дано: } A + \text{C}_{\text{исп.}} \rightarrow AC \quad \Gamma - (\text{CO}_2); \quad D - \frac{6761}{12} : \frac{13,38}{1} : \frac{19,01}{x} \quad X - \text{N}_2?$$



$$\omega_B(X) = 0,202$$



$$m(B - n\text{H}_2\text{O}) = 90,42$$

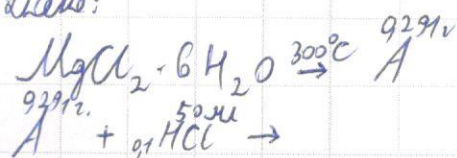
$$D: \omega(X_{\text{H}}) = 19,01\% = 0,1901$$

$$D: \omega(C) = 0,6761; \omega(H) = 0,1338$$

$$A, B, \Gamma, D - ?; n - ?$$

$$\begin{aligned} X - \text{N}_2 \\ D - \text{C}_4\text{H}_{10}\text{N} \\ B - \text{F}_2 \end{aligned} \quad \begin{aligned} D - \frac{5,63}{1,36} : \frac{13,38}{1,36} : \frac{1,36}{1,36} = 4 : 10 : 1 \\ \text{C}_4\text{H}_{10}\text{N} \end{aligned}$$

3) Дана:



4) Дана:

$$X = 3,75211$$