

0.1

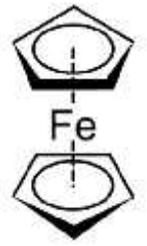
0.00187 , $2 \times 0.00187 = 0.00374$, (1)
 $P = nRT/V = 0.00374 \times 0.082 \times 593.15 / 1 = 0.18$. (1) 5
, 0.94 . (2)

:

	m=0.1	m=5
160 °	$1.3 \cdot 10^{-3}$	0.18
320 °	$1.3 \cdot 10^{-3}$	0.94

:

2. 1951 . . .



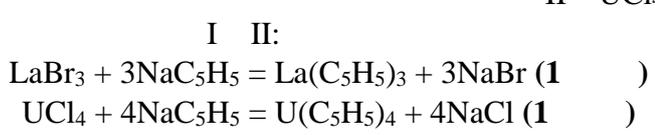
‘ - (. .). , « » , - , 36.68% NaC_5H_5 , (62,63%) I, 73,16% , II, 77,78% , 30,67% , III, 53,36%

1. ?
 $5H_5MgBr$.
 2. I-III.
 3. ?
 4. III. , III 8
 (2),
 ? -
 ?
 (20)



2. I MX_n .

$$0,3668 = \frac{M}{M+n}$$
 , n - , n=1, 2, 3 = 19, 35.5 . . ,
 $LaBr_3$. (3)
 UCl_4 . (3)



$$0,3067 = \frac{23x}{23x + 12y + z}$$

$$52x = 12y + z$$

$$= 1$$

$$= 2$$

$$12y + z = 104$$

$$y = 8, x = 8$$

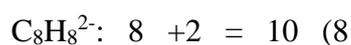
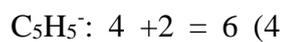
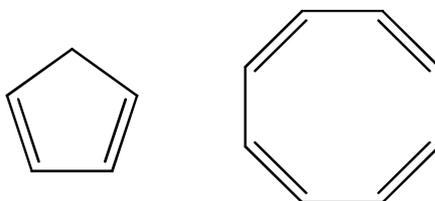


III:



I-III

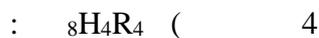
3.



4.

III

(1)



4

),



$$0,232 = \frac{238}{238 + 12 \cdot 16 + 8 + 8R}$$

$$R \approx 74 / 8$$

$$(77 /). \text{ (2)}$$

() ,

. (1)

4.

B 40%-

B.

C,

D.

, B, C D

B

F.

B D,

1:1

E.

40

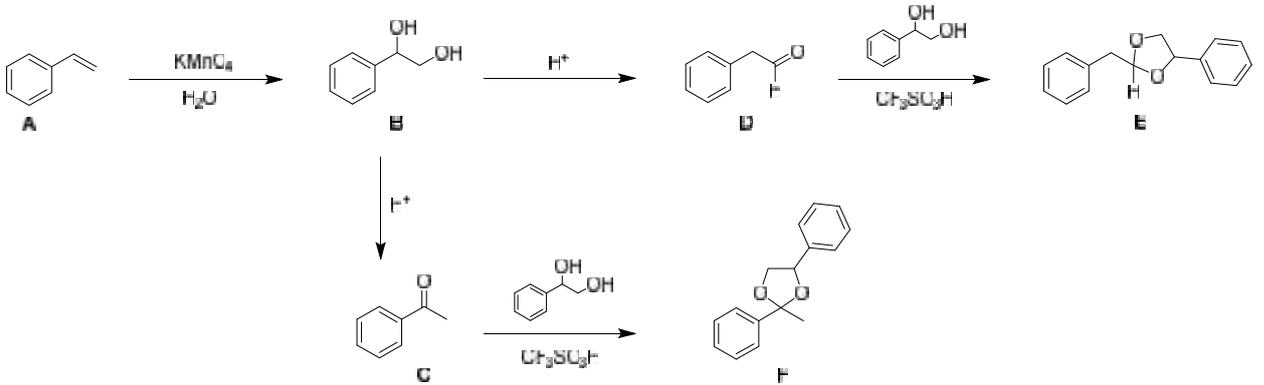
E F

E, F 40

: 79.97%, H: 6.71%, : 13.32%.

- F

(20)



3

0,5

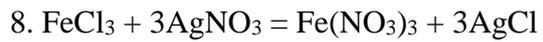
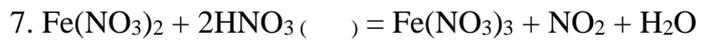
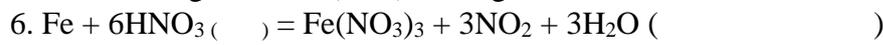
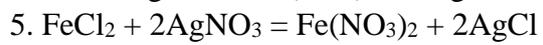
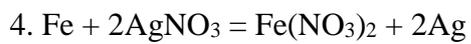
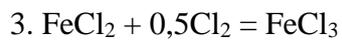
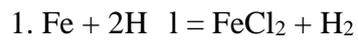
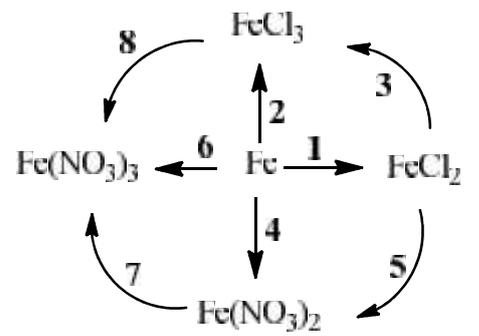
2

)

(

5.

()



2,5