Table 3. Molecular products of TFE fluorination in organofluoric media.

Fluorination conditions				TFE conversion, mole%	Content of burnt TFE, mole %	Molecular products of fluorination, mole %				Content of fluorinated medium molecules, mole %
№	Medium, mole %	T,K	[F2]/[TFE] in original mixture, mole			CF_4	C_2F_4	C_3F_8	C_2F_6	
1	$(HFP)_2$	243	1.0/1	95.2	5.35	0.85	4.3	-	84.7	No
2	$(HFP)_2$	203	1.1/1	99.8	5.03	5.9	0.2	0.7	87.97	No
3	$(HFP)_2$	243	1.1/1	100	6.26	1.5	-	-	92.24	No
4	$(HFP)_2$	263	1.05/1	100	2.0	1.8	-	-	96.2	1.3
5	$(HFP)_2$	278	1.1/1	100	3.43	2.2	-	0.1	94.27	2.4
6	$(HFP)_2$	283	1.1/1	NN.N	32	20.7	6.4	2.2	27.5	8.0
7	(HFP)з	243	1.05 1	100	1.96	1.3	-	-	96.74	No
8	(HFP)з	273	1.05/1	100	2.08	1.9	-	-	96.2	0.6
9	(HFP)з	2S3	1.1/1	99.1	30.87	27.8	0.6	4.3	35.53	7.5
10	$(HFP)_3$:$(HFP)_2$ = (84.0:16.0)	213	1.05/1	100	2.7	2.0	-	-	95.3	No
11	(HFP)з:$(HFP)_2$ = (84.0:16.0)	233	1.05/1	100	2.3	1.8	-	-	95.94	No
12	$(HFP)_3$:$(HFP)_2$ = (84.0:16.0)	243	1.05/1	100	1.96	1.7	-	-	96.34	No
13	(HFP)з:$(HFP)_2$ = (84.0:16.0)	243	1.1/1	100	7.0	1.7	-	-	91.3	No
14	$(HFP)_3$:$(HFP)_2$ = (84.0:16.0)	243	1.2/1	100	11.78	4.5	-	0.7	83.02	No
15	C_9F_{20}	253	1.05/1	96.5	30	54.1	0.2	4.5	7.7	12
16	PFH	243	1.1/1	95.8	32.7	50.4	2.6	3.5	6.6	-
17	PFO	253	1.1/1	97.1	31.78	54.3	1.9	4.0	5.12	-
18	PFB	253	1.05/1	97.5	39	26.3	1.5	0.9	29.8	-
19	PFT	258	1.05/1	98.2	37	23.6	I.I	1.3	35.2	-