

Table 1: Experimental conditions for the thermal unimolecular dissociation of 1,1,1-trifluoroethane

P_g/Torr	T_g/K	k/s⁻¹
618	1606	6680
590	1707	29115
600	1646	13996
598	1606	11105
571	1559	3513
550	1575	4391
531	1571	4155
532	1592	5538
603	1581	12557
544	1592	9230
517	1512	3700
611	1803	39979
574	1841	42251
516	1836	40166
573	1788	48705
577	1615	8062
590	1626	12820
629	1689	17280
511	1669	15440
596	1732	23710
585	1543	4665
626	1787	29390
648	1644	13410
646	1639	13470
572	1523	5294
617	1523	4276
1426	1692	32492
1311	1588	10930
1317	1575	14637
1278	1545	13199
1210	1659	16493

1193	1596	11180
1229	1550	5426
1031	1579	11290
1068	1713	31820
1134	1723	35100
1002	1759	36810
1243	1727	33800
1302	1757	46380
1523	1823	53880