Supporting Information

Estimation of Radiative Efficiency of Chemicals with Potentially Significant Global Warming Potential

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Data sources for Radiative Efficiency values. Computational Radiative Efficiency values for 1300 compounds.

Table S1-Referenced Radiative Efficiency Values

References

Table S-2. Calculated RF values for 1300 chemicals.

For chemicals, which already had a measured radiative efficiency value reported through IPCC,WMO, EPA, or the open literature, these values were compiled in the Supporting Information, Table S1. In cases, where multiple values were reported they are compiled together in Table S1. Hodnebrog 2013 constant profile, not lifetime adjusted, radiative efficiency values were chosen when available as the most appropriate value to compare to ab initio estimates. When these were not available, IPPC5 or values from other sources were chosen as indicated by bold in the table below. Two new data sources, IPPC5 and Hodnebrog were compared to previous IPCC, WMO, EPA or open literature reports resulting in 237 unique chemical substances which had reported RE values which could be compared with *ab initio* methods.

Table S1-Referenced Radiative Efficiency Values

CAS number	Chemical Name	Hodnebrog 2013	IPCC5	Other Sources	Data Source for Other Sources
56235	Carbon Tetrachloride	**0.18**	0.17	0.13	IPCC 2007, WMO 2010
67663	Chloroform	**0.14**	0.08	0.11	IPCC 2007
71432	Benzene			**0.013**	Sihra et al 2001
71556	Methyl chloroform	**0.08**	0.07	0.06	IPCC 2007, WMO 2010
74828	Methane		**0.000363**	0.00037	IPCC 2007
74839	Methyl Bromide	**0.01**	0.004	0.01	IPCC 2007, WMO 2010
74840	Ethane			**0.0034**	Sihra et al 2001
74851	Ethene			**0.037**	Sihra et al 2001
74862	Acetylene			**0.051**	Sihra et al 2001
74873	Methyl chloride	**0.01**	0.01	0.01	IPCC 2007, WMO 2010
74953	Methylene bromide	**0.02**	0.01	0.01	IPCC 2007
74986	Propane			**0.003**	Sihra et al 2001

75025	HFC-1141	**0.09**	0.002	0.084	Baasandorj et al 2010
75092	Methylene chloride	**0.03**	0.03	0.03	IPPC 2007
75105	HFC-32	**0.12**	0.11	0.11	IPCC 2007, WMO 2010
75376	HFC-152a	**0.12**	**0.1**	0.09	IPCC 2007, WMO 2010
75387	HFC-1132a	**0.1**	0.004	0.086	Baasandorj et al 2010
75434	HCFC-21	**0.18**	0.15	0.14	IPCC 2007, WMO 2010
75456	HCFC-22	**0.22**	0.21	0.2	IPCC 2007, WMO 2010
75467	HFC-23	**0.18**	0.18	0.19	1) IPCC 2007, WMO 2010
75616	Halon-1202	**0.31**	0.27		
75638	Halon-1301	**0.31**	0.3	0.32	IPCC 2007, WMO 2010
75683	HCFC-142b	**0.19**	0.19	0.2	IPCC 2007, WMO 2010
75694	CFC-11	**0.28**	0.26	0.25	IPCC 2007, WMO 2010
75718	CFC-12	**0.33**	0.32	0.32	IPCC 2007, WMO 2010
75729	CFC-13	**0.26**	0.25	0.25	IPCC 2007, WMO 2010
75730	PFC-14	**0.09**	0.09	0.1	IPCC 2007, WMO 2010
75898	2,2,2 trifluoroethanol	**0.2**	0.1	0.21	Sellevag et al 2004
76131	CFC-113	**0.31**	0.3	0.3	IPPC 2007, WMO 2010
76142	CFC-114	**0.32**	0.31	0.31	IPCC 2007, WMO 2010, Jain et al 2000
76153	CFC-115	**0.21**	0.2	0.18	WMO 2010
76164	PFC-116	**0.25**	0.25	0.26	Bravo et al 2010
76197	PFC-218	**0.28**	0.28	0.27	Bravo et al 2010
76379	2,2,3,3-tetrafluoro-1-propanol	**0.25**	0.11		
100425	Styrene			**0.046**	Sihra et al 2001
103651	Propylbenzene			**0.021**	Sihra et al 2001
106978	n-butane			**0.004**	Sihra et al 2001
107062	1,2-Dichloroethane	**0.02**	0.01	0.021	Sihra et al 2001
108883	Toluene			**0.02**	Sihra et al 2001
109660	n-pentane			**0.004**	Sihra et al 2001
110827	Cyclohexane			**0.004**	Sihra et al 2001

115106	Dimethyl ether			**0.02**	IPCC 2007
115253	PFC-318	**0.32**	0.32	0.32	IPCC 2007, WMO 2010
116143	PFC-1114	**0.12**	0.002		
116154	PFC-1216	**0.25**	0.01		
124389	Carbon Dioxide		**0.0000137**	0.000014	IPCC 2007
124721	Halon-2401	**0.21**	0.19		
124732	Halon-2402	**0.34**	0.31	0.33	IPCC 2007, WMO 2010
151677	Halon-2311/Halothane	**0.18**	0.13		
306832	HCFC-123	**0.19**	0.15	0.168	Naik et al 2000
306945	PFC-91-18	**0.56**	0.55	0.56	IPCC 2007, WMO 2010
307346	PFC-71-18	**0.56**	0.55	0.5	Bravo et al 2010 (700-1400 cm-1)
311897	1-Butanamine, 1,1,2,2,3,3,4,4,4-nonafluoro-N,N-bis(nonafluorobutyl)-			**0.86**	Hong et al 2013
333368	HFE-356mff2	**0.36**	0.17		
335579	PFC-61-16	**0.51**	0.5		
353366	HFC-161	**0.04**	0.02	0.03	IPCC 2007
353593	Halon-1211	**0.31**	0.29	0.3	IPPC 2007, WMO 2010
354154	HCFC-122a	**0.23**	0.21		
354212	HCFC-122	**0.23**	0.17		
354234	HCFC-123a	**0.25**	0.23		
354336	HFC-125	**0.23**	0.23	0.23	IPCC 2007, WMO 2010
354643	Ethane, pentafluoroiodo-			**0.296**	Sihra et al 2001
354927	decafluoro-2-methylpropane			**0.29**	Bravo et al 2010
355259	PFC-31-10	**0.37**	0.36	0.37	Bravo et al 2010 (450 to 1500 cm-1)
355420	PFC-51-14	**0.45**	0.44	0.49	IPCC 2007, WMO 2010
357266	Perfluorobut-1-ene	**0.3**	0.02		
359137	2,2-difluoroethanol	**0.13**	0.04	0.15	Sellevag et al 2004
359159	difluoro(methoxy)methane	**0.23**	0.17		
359353	HFC-134	**0.2**	0.19	0.18	IPCC 2007, WMO 2010
360894	Perflourobut-2-ene	**0.29**	0.07		
371620	2-fluoroethanol	**0.1**	0.02	0.11	Sellevag et al 2004

373808	(Triflurormethyl) sulphur pentafluoride	**0.6**	0.59	0.57	IPCC 2007, WMO 2010
374276	HFC-1345zfc	**0.19**	0.01		
375019	2,2,3,3,4,4,4-heptafluorobutan-1-ol	**0.32**	0.2	0.28	Kazakov et al 2012
375031	HFE-347mcc3 (HFE-7000)	**0.37**	0.35	0.34	EPA SNAP 2013 (calculated based on Reported GWP and Lifetime)
375177	HFC-329p	**0.31**	0.31	0.31	Young et al 2009
378165	HFE-365mcf3	**0.29**	0.05	0.33	Thomsen et al 2011
380347	1-ethoxy-1,1,2,3,3,3-hexafluoropropane	**0.35**	0.19		
382310	2,2,3,4,4,4-hexafluoro-1-butanol	**0.43**	0.19		
382343	HFE-356mec3	**0.33**	0.3	0.3	IPCC 2007, WMO 2010
383631	ethyl 2,2,2-trifluoroacetate	**0.3**	0.05	0.17	IPCC 2013
383675	Allyl 2,2,2-trifluoroacetate	**0.35**			
406586	HFC-365mfc	**0.23**	0.22	0.22	WMO 2010
406780	HFE-347pcf2	**0.52**	0.48	0.25	IPCC 2007
406871	4,4,4-Trifluorobutanal	**0.16**			
406906	fluoroxene	**0.28**	0.01		
407385	Ethyl 2,2,2-trifluoroethyl 2,2,2-trifluoroacetate	**0.43**	0.15		
420451	HFC-272ca	**0.08**	0.07		
420462	HFC-143a	**0.16**	0.16	0.13	IPCC 2007, WMO 2010
421067	Halon-2301	**0.15**	0.14		
421078	HFC-263fb	**0.13**	0.1	0.13	WMO 2010, Rajakumar et al 2006
421147	HFE-143a	**0.19**	0.18	0.27	IPCC 2007, WMO 2010
422059	2,2,3,3,3-pentafluoropropan-1-ol	**0.27**	0.14	0.24	IPCC 2007
422560	HCFC-225ca	**0.26**	0.22	0.2	IPCC 2007, WMO 2010
425876	2-chloro-,1,1,2-trifluoro-1-methoxyethane	**0.27**	0.21		
425887	HFE-254cb1	**0.3**	0.26	0.28	IPCC 2007, WMO 2010
430660	HFC-143	**0.14**	0.13	0.13	IPCC 2007, WMO 2010

431312	HFC-245eb	**0.23**	0.2	0.23	WMO 2010, Rajakumar et al 2006
431470	methyl 2,2,2-trifluoroacetate	**0.28**	0.18		
431527	1,1,2-trichloro-3,3,3-trifluoroprop-1-ene			**0.17**	Cometto et al 2010
431630	HFC-236ea	**0.3**	0.3	0.3	IPCC 2007, WMO 2010
431890	HFC-227ea	**0.26**	0.26	0.26	IPCC 2007, WMO 2010
433283	Vinyl 2,2,2-trifluoroacetate	**0.39**			
433534	methyl 2,2, difluoroacetate	**0.19**	0.05		
453189	Methyl 2-fluoroacetate	**0.08**			
460220	Fluoro(methoxy)methane	**0.165**	0.07		
460402	3,3,3 trifluoro-propanal	**0.16**	0.004		
460435	HFE-263fb2	**0.21**	0.04	0.21	Osterstrom et al 2012
460731	HFC-245fa	**0.26**	0.24	0.28	IPCC 2007, WMO 2010
461187	4,4,4 trifluorobutan-1-ol	**0.12**	0.01		
461632	difluoro(fluoromethoxy)methane	**0.34**	0.3		
462511	Fluoro(fluoromethoxy)methane	**0.27**	0.19		
500732	Phenyl 2,2,2-trifluoroacetate	**0.39**			
507551	HCFC-225cb	**0.32**	0.29	0.32	IPCC 2007, WMO 2010
512516	HFE-374pc2	**0.32**	0.3	0.25	IPCC 2007
559400	Perfluorocyclopentene	**0.33**	0.08	0.32	Bravo et al 2010
593533	HFC-41	**0.03**	0.02	0.02	IPCC 2007, WMO 2010
624726	HFC-152	**0.08**	0.04	0.09	IPCC 2007
677214	HFC-1243zf	**0.17**	0.01		
677565	HFC-236cb	**0.24**	0.23	0.23	IPCC 2007, WMO 2010
678262	PFC-41-12	**0.41**	0.41	0.41	IPCC 2007, WMO 2010
679867	HFC-245ca	**0.23**	0.24	0.23	IPCC 2007, WMO 2010
685632	Perfluorobuta-1,3,-diene	**0.24**	0.003	0.2	Bravo et al 2010
690222	HFE-263m1	**0.22**	0.13		
690391	HFC-236fa	**0.24**	0.24	0.28	IPCC 2007, WMO 2010

692499	(Z)-HFC-1336	**0.42**	0.07	0.38	Baasandorj et al 2011
697110	cyclobutene, hexafluoro			**0.28**	Bravo et al 2010
754121	HFC-1234yf	**0.23**	0.02		
755022	3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-pentadecafluorononan-1-ol	**0.41**	0.07		
756138	perfluoro-2-methyl-3-pentanone	**0.41**	0.03		
811972	HFC-134a	**0.17**	0.16	0.16	IPCC 2007, WMO 2010
920661	1,1,1,3,3,3-Hexafluoropropan-2-ol	**0.31**		0.28	IPCC 2007, WMO 2010
931919	PFC-c216	**0.23**	0.23	0.21	Bravo et al 2010
1187935	HFE-216	**0.3**	0.02		
1511622	Halon-1201	**0.17**	0.15	0.14	IPCC 2007, WMO 2010
1514825	2-bromo-3,3,3 trifluoropropene			**0.19**	Patten et al 2011
1538063	Methyl carbanofluoridate	**0.08**	0.07		
1645836	(E)-HFC-1234ze	**0.28**	0.04	0.25	Orkin et al 2010
1691174	HFE-134 (HG-00)	**0.46**	0.44	0.45	IPCC 2007, WMO 2010
1717006	HCFC-141b	**0.17**	0.16	0.14	IPCC 2007, WMO 2010
1814886	HFC-245cb	**0.25**	0.24		
1842053	HCFC-132c	**0.19**	0.17		
1885489	HFE-245fa2	**0.39**	0.36	0.31	IPCC 2007, WMO 2010
2002633	Difluoromethyl 2,2-difluoroacetate	**0.44**			
2024864	difluoromethyl 2,2,2 trifluoroacetate	**0.49**	0.24		
2240882	3,3,3-trifluoropropan-1-ol	**0.2**	0.02		
2252848	HFC-227ca	**0.27**	0.27		
2261010	trifluoro(fluoromethoxy)methane	**0.36**	0.33		
2314978	Methane, trifluoroiodo-			**0.23**	IPCC 2007
2356629	HFE-227ea	**0.45**	0.44	0.4	IPCC 2007, WMO 2010
2551624	Sulphur hexafluoride	**0.57**	0.57	0.52	IPCC 2007, WMO 2010
2699798	Sulphuryl fluoride	**0.21**	0.2	0.22	WMO/UNEP 2010 Papadimitriou et al 2008

2837890	HCFC-124	**0.21**	0.2	0.22	IPCC 2007, WMO 2010
2838042	Fluoromethyl carbonofluoridate	**0.19**			
3299249	Trifluoromethyl carbonofluoridate	**0.32**			
3330152	1,1,1,2,2,3,3-heptafluoro-3-(1,2,2,2-tetrafluoroethoxy)-propane	**0.59**	0.58		
3822682	HFE-125	**0.41**	0.41	0.44	IPCC 2007, WMO 2010
5528438	(Z)-HFC-1225ye	**0.26**	0.02		
5595108	(E)-HFC-1225ye	**0.25**	0.01		
7783542	Nitrogen trifluoride	**0.21**	0.2	0.21	IPCC 2007, WMO 2010, Robson et al 2006
10024972	Nitrous Oxide		**0.003**	0.00303	IPCC 2007, WMO 2010
13171181	HFE-356mmz1	**0.33**	0.15	0.3	IPCC 2007
13838169	HCFE-235ca2 (enflurane)	**0.45**	0.41		
16621877	2,2,3,3,4,4,5,5-octafluorocyclopentanol	**0.33**	0.16		
19430934	3,3,4,4,5,5,6,6,6-Nonafluorohex-1-ene	**0.35**	0.03		
20193673	HFE-236fa	**0.38**	0.36	0.34	IPCC 2007, WMO 2010
21652584	3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,-Heptadecafluorodec-1-ene	**0.44**	0.03		
22052819	HFE-365mcf2	**0.41**	0.26		
22052842	HFE-347mmy1	**0.35**	0.32	0.31	IPCC 2007, WMO 2010
22052864	1-ethoxy-1,1,2,2,3,3,3-heptafluoropropane	**0.41**	0.28		
22410442	HFE-245cb2	**0.36**	0.33	0.32	IPCC 2007, WMO 2010
24270664	HFC-245ea	**0.18**	0.16	0.18	WMO 2010, Rajakumar et al 2006
25291172	3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooct-1-ene	**0.39**	0.03		
26103082	HFE-338mmz1	**0.45**	0.44	0.41	IPCC 2007, WMO 2010
26675467	HCFE-235da2 (isoflurane)	**0.47**	0.42	0.38	IPCC 2007, WMO 2010

28523866	Sevoflurane (HFE-347mmz1)	**0.37**	0.32	0.34	IPCC 2007, WMO 2010
29118249	HFC 1234ze			**0.21**	Javadi et al 2008/EPA SNAP (based on reported GWP of 6 and Atmospheric lifetime of 2 weeks)
29118250	(Z)-HFC-1234ze	**0.2**	0.02		
30410936	Trifluoromethyl 2,2,2-trifluoroacetate	**0.49**			
32042389	2,2,2-trifluoroethyl formate	**0.27**	0.16		
32778113	HFE-236ca	**0.58**	0.56		
35042990	HFE-356pcf3	**0.42**	0.38	0.39	IPCC 2007, WMO 2010
37031315	1,1,2,2,-tetrafluoro-1-(fluoromethoxy)ethane	**0.37**	0.34		
42031152	1,1,1,3,3,3-Hexafluoropropan-2-yl 2,2,2-trifluoroacetate	**0.49**			
50807777	HFE-356pcf2	**0.4**	0.37	0.37	IPCC 2007, WMO 2010
56860856	HFE-338mec3	**0.51**			
57041675	HFE-236ea2 (desflurane)	**0.47**	0.45	0.44	IPCC 2007, WMO 2010
60433116	Perfluorodecalin-Z (cis)	**0.57**	0.56		
60433127	Perfluorodecalin-E (trans)	**0.49**	0.48		
60598176	1,1,2,2-tetrafluoro-3-methoxy-propane	**0.25**	0.03		
67490362	HFE-329mcc2			**0.49**	IPCC 2007, WMO 2010
70411095	Difluoromethyl carbonofluoridate	**0.33**			
73287237	HG'-01	**0.35**	0.29		
74123209	trifluoromethyl acetate	**0.41**	0.07		
78522471	HFE-236ca12 (HG-10)	**0.67**	0.65	0.66	IPCC 2007, WMO 2010
84011063	1,1,2-trifluoro-2-(trifluoromethoxy)-ethane	**0.36**	0.35		
84011154	HFE-245fa1	**0.33**	0.31	0.3	IPCC 2007, WMO 2010
85358652	Trifluoromethyl formate	**0.35**	0.31		
87017978	3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-	**0.31**	0.05		

	nonadecafluoroundecan-1-ol				
102687650	(E)-1 chloro-3,3,3-trifluoroprop-1-ene	**0.22**	0.04	0.214	Sulbaek Andersen et al 2008
112915238	2,2,2-Trifluoroethyl carbonofluoridate	**0.33**			
134769214	HFE-329mcc2	**0.54**	0.53		
138495428	HFC-43-10mee	**0.4**	0.42	0.4	IPCC 2007, WMO 2010
156053882	HFE-338mcf2	**0.47**	0.44	0.43	IPCC 2007, WMO 2010
160620202	HFE-356pcc3	**0.36**	0.32	0.33	WMO 2010
163702054	HFE-569sf2 (HFE-7200)	**0.44**	0.3	0.3	IPPC 2007, WMO 2010
163702065	i-HFE-7200	**0.36**	0.24	0.3	IPPC 2007, WMO 2010
163702076	HFE-449s1 (HFE-7100)	**0.4**	0.36	0.31	IPCC 2007, WMO 2010
163702087	i-HFE-7100	**0.38**	0.35	0.31	IPCC 2007, WMO 2010
171182959	HFE-347mcf2	**0.45**	0.42	0.41	IPCC 2007, WMO 2010
173350373	1,1,3,3,4,4,6,6,7,7,9,9,10,10,12,12-hexa-decafluoro-2,5,8,11-tetraoxadodecane HG-03	**1.46**	1.43		
173350384	1,1,3,3,4,4,6,6,7,7,9,9,10,10,12,12,13,13,15,15-eico-safluoro-2,5,8,11,14-pentaoxapentadecane	**1.5**	1.46		
185689570	3,3,4,4,5,5,6,6,7,7,7-undecafluoroheptan-1-ol	**0.37**	0.06		
188690779	HFE-43-10pccc124 (H-Galden 1040X, HG-11) HG-30	**1.06**	1.02	1.02	WMO/UNEP 2010, Wallington et al 2009, IPCC 2007
188690780	HFE-338pcc13 (HG-01)	**0.89**	0.86	0.87	IPCC 2007, WMO 2010
197218567	Perfluorobutyl formate	**0.63**	0.56		
205367619	1,1-oxybis[2-(difluoromethoxy)-1,1,2,2-tetrafluoroethane HG-02	**1.18**	1.15		
206436375	Perfluoroethyl 2,2,2-trifluoroacetate	**0.62**			
209597284	perfluorobutyl acetate	**0.7**	0.12		

249932250	HG-20	**0.94**	0.92		
249932261	HG-21	**1.78**	1.71		
271257422	Perfluoropropyl formate	**0.58**	0.5		
313064403	Perfluoroethyl formate	**0.49**	0.44		
343269976	perfluoroethyl acetate	**0.56**	0.1		
428454686	HFE-329me3	**0.48**	0.48		
481631190	1,2,2,2-tetrafluoroethyl formate	**0.39**	0.35		
485399460	HG'-02	**0.67**	0.56		
485399482	HG'-03	**0.91**	0.76		
623950743	Perfluoroethyl carbonofluoridate	**0.48**			
856766706	1,1,1,3,3,3-hexafluoropropan-2-yl-formate	**0.37**	0.33		
920979288	2-ethoxy-3,3,4,4,5-pentafluorotetrahydro-2,5-bis[1,2,2,2-tetrafluoro-1-(trifluoromethyl)ethyl]-furan	**0.66**	0.49		
1309353341	PFPMIE (perfluoropolymethylisopropyl ether)	**0.66**	0.65	0.65	IPCC 2007
1344118097	3,3,3-trifluoropropyl-formate	**0.27**	0.13		
1344118100	perfluoropropyl acetate	**0.6**	0.11		
1344118111	1,1-difluoroethyl carbonofluoridate	**0.33**	0.17		
1344118122	Perfluoropropyl carbonofluoridate	**0.53**			
1344118133	1,1-difluoroethyl 2,2,2 trifluoroacetate	**0.53**	0.27		

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Table S-2. Calculated RE values for 1300 chemicals.

CAS	**Chemical Name**	**Molecular Formula**	**Radiative efficiency from Gaussian w/ IR approx (W m^{-2} $ppbv^{-1}$)**	**Known RE values (W m^{-2} $ppbv^{-1}$)**
2551624	Sulphur hexafluoride	SF6	0.538	0.52
7783542	Nitrogen trifluoride	NF3	0.214	0.21
373808	Sulfur, pentafluoro (trifluoromethyl(- (oc-6-21)-	C1 F8 S1	0.553	0.57
931919	Cyclopropane, hexafluoro-	C3 F6	0.190	0.42
3822682	HFE-125	C2 H1 F5 O1	0.364	0.44
75467	Trifluoromethane	CHF3	0.156	0.19
75729	Chlorotrifluoromethane- CFC-13	CF3Cl	0.243	0.25
374107	Sulfur, trifluoro (trifluoromethyl)	C1 F6 S1	0.355	
76164	Perfluoroethane	C2F6	0.171	0.26

75718	Dichlorodifluoromethane- CFC-12	CCl2F2	0.381	0.32
115253	Cyclobutane, octafluoro-	C4F8	0.275	0.32
2699798	Sulfuryl fluoride	SO2F2	0.2585	0.4179
76142	Ethane, 1,2-dichloro-1,1,2,2-tetrafluoro- CFC 114	C2 CL2 F4	0.382	0.31
307346	Octane, octadecafluoro-	C8F18	0.378	0.5
690391	Propane, 1,1,1,3,3,3-hexafluoro-	C3 H2 F6	0.2038	0.28
335579	Heptane, hexadecafluoro-	C7F16	0.3848	
53063539	1,1,3-Trichloro-1,2,3,3-tetrafluoropropane	C3 H1 CL3 F4	0.428	
355420	Hexane, tetradecafluoro-	C6F14	0.357	0.49
594912	Butane, 1,1,1,2,3,3,4,4,4- nonafluoro-2-(trifluoromethyl)-	C5 F12	0.320	0.41
678262	Pentane, dodecafluoro-	C5F12	0.345	0.41
355680	Perfluorocyclohexane	C6F12	0.416	
425821	Hexafluoro oxetane	C3 F6 O1	0.287	
355259	Butane, decafluoro-	C4F10	0.291	0.33
76197	Propane, 1,1,1,2,2,3,3,3-octafluoro-	C3F8	0.227	0.26
422559	1-Chloro-1,1,2,2,3,3-hexafluoropropane	C3 H1 CL1 F6	0.356	
136013791	1,3 Dichloro-1,1,2,3,3-pentafluoropropane	C3 H1 CL2 F5	0.334	

355599	Tetradecafluorocycloheptane	C7F14	0.508	
17742040	Methanesulfenyl fluoride, trifluoro-	C1 F4 S1	0.240	
422866	Propane, 1-chloro-1,1,2,2,3,3,3-heptafluoro-	C3 CL1 F7	0.326	
376772	Decafluorocyclopentane	C5 F10	0.343	
1512147	Imidosulfurous difluoride, (trifluoromethyl)-	C1 F5 N1 S1	0.284	
354927	decafluoro-2-methylpropane	C4F10	0.273	0.29
355044	Perfluoro-2-methylpentane	C6 F14	0.385	
306945	Naphthalene, octadecafluorodecahydro-	C10F18	0.497	0.56
426506	Silane, trichloro (1,1,2,3,3,3-hexafluoropropyl)-	C3 H1 CL3 F6 Si1	0.271	
13474889	1,1-Dichloro-1,2,2,3,3-pentafluoropropane	C3 H1 CL2 F5	0.327	
72804490	cis and trans-1,1,1,2,3,4,4,5,5,5-decafluoro-2-pentene	C5F10	0.314	
75730	Tetrafluoromethane	CF4	0.0411	0.1
76153	Ethane, 1-chloro-1,1,2,2,2-pentafluoro- CFC-115	C2F5Cl	0.292	0.18
374072	Ethane, 1,1-dichloro-1,2,2,2-tetrafluoro-	C2Cl2F4	0.302	
311897	1-Butanamine, 1,1,2,2,3,3,4,4,4-nonafluoro-N,N-bis(nonafluorobutyl)-	C12 F27 N1	0.801	

75638	Bromotrifluoromethane	CF3Br	0.269	0.32
335217	(Pentafluoroethyl)undecafluorocyclohexane	C8F16	0.475	
1652819	1,1,3-Trichloro-1,2,2,3,3-pentafluoropropane	C3 CL3 F5	0.488	
865714	1,1,1,2,2,3,4,4,5,5,5-Undecafluoro-3-(trifluoromethyl)pentane	C6 F14	0.392	
2994710	Cyclobutane, 1,1,2,2,3,4-hexafluoro-3,4,-bis (trifluoromethyl)-	C6 F12	0.346	
75262872	cis-Perfluorobicyclo[4,3.0]nonane	C9 F16	0.451	
355022	Cyclohexane, undecafluoro(trifluoromethyl)-	C7F14	0.397	
2729284	1,1-dichloro-1,2,2,3,3,3-hexafluoropropane	C3 CL2 F6	0.359	
1805227	Cyclopentane, nonafluoro (trifluoromethyl)-	C6 F12	0.339	
374776	1,4-Bis(trifluoromethyl)-decafluorocyclohexane	C8 F16	0.446	
306989	PERFLUORO-1,2-DIMETHYLCYCLOHEXANE	C8 F16	0.440	
76186	Propane, 2-chloro-1,1,1,2,3,3,3-heptafluoro-	C3ClF7	0.258	
422515	1,1,1-Trichloro-2,2,3,3,-tetrafluoropropane	C3 H1 CL3 F4	0.304	

306923	Naphthalene, 1,1,2,2,3,3,4,4,4a,5,5,6,6,7,7,8,8a-heptadecafluorodecahydro-8-(trifluoromethyl)-	C11F20	0.577	
1691174	HFE-134	C2 H2 F4 O1	0.379	0.45
63905113	1-Bromo-1,1,2,2,3,3-hexafluoropropane	C3 H1 Br1 F6	0.307	
76131	CFC-113	C2Cl3F3	0.371	0.3
360894	2-Butene, 1,1,1,2,3,4,4,4-octafluoro-	C4F8	0.242	
125061941	Naphthalene, [difluoro(undecafluorocyclohexyl)methyl]heptadecafluorodecahydro-	C17F30	0.815	
338841	Pentanamine, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-N,N-bis(undecafluoropentyl)-	C15 F33 N	0.853	
306912	Heptadecahydro phenanthrene, perfluoro	C14F24	0.690	
662011	1,3-Dichloro-1,1,2,2,3,3-hexafluoropropane	C3 CL2 F6	0.317	
13221711	Cyclobutane, 1,1,2,3,3,4-hexafluoro-2,4-bis (trifluoro)	C6F12	0.299	
661972	Propane, 1,2-dichloro-1,1,2,3,3,3-hexafluoro-	C3F6Cl2	0.315	
335273	Cyclohexane, 1,1,2,2,3,3,4,5,5,6-decafluoro-4,6-bis(trifluoromethyl)-	C8F16	0.395	

111512562	1,1 Dichloro-1,2,3,3,3-pentafluoropropane	C3 H1 CL2 F5	0.302	
355248	1,4-Dichloro-1,1,2,2,3,3,4,4,-octafluorobutane	C4 CL2 F8	0.349	
2252780	1-Bromo-1,1,2,3,3,3-hexafluoropropane	C3 H1 Br1 F6	0.312	
377413	1-Chloro-1,2,2,3,3,4,4-heptafluorocyclobutane	C4 CL1 F7	0.273	
3899716	1,1,2,2-Tetrafluorocyclopropane	C3 H2 F4	0.139	
359706	Perfluoro-tri-n-ethylamine	C6 F15 N1	0.543	
54002594	1,1,1,3-Tetrachloro-2,3,3-trifluoropropane	C3 H1 CL4 F3	0.280	
36481206	Tricyclo(3,3,1,1,3,7)decane 1,2,2,3,4,4,6,6,7,7,8,8,10,10-	C12F20	0.486	
355204	BUTANE, 2,3-DICHLORO-1,1,1,2,3,4,4,4-OCTAFLUORO-	C4 CL2 F8	0.327	
354585	Ethane, 1,1,1-trichloro-2,2,2-trifluoro-	C2Cl3F3	0.270	
356183	Cyclobutane, 1,2-dichloro-1,2,3,3,4,4-hexafluoro-	C4 CL2 F6	0.272	
75694	Trichloromonofluoromethane CFC 11	CCl3F	0.379	0.25
3330152	Propane, 1,1,1,2,2,3,3-heptafluoro-3-(1,2,2,2-tetrafluoroethoxy)-	C5HF11O	0.544	

564114	Piperidine, 2,2,3,3,4,4,5,5,6,6-decafluoro-1-(pentafluoroethyl)-	C7 F15 N1	0.638	
812306	1,1,2-Trichloro-1,2,3,3,3-pentafluoropropane	C3 CL3 F5	0.325	
460877	1-Bromo-3-chloro-1,1,3,3-tetrafluoropropane	C3 H2 Br1 CL1 F4	0.283	
1652808	Propane, 2,2-dichloro-1,1,1,3,3,3-hexafluoro-	C3 CL2 F6	0.248	
1599413	Propane, 1,2,2-trichloro-1,1,3,3,3-pentafluoro-	C3 CL3 F5	0.318	
70192619	1,1-Dibromo-1,2,2,3,3-pentafluoropropane	C3 H1 Br2 F5	0.285	
431856	1,2,3-Trichloro-1,1,3,3-tetrafluoropropane	C3 H1 CL3 F4	0.311	
420462	1,1,1-Trifluoroethane	C2H3F3	0.0966	0.13
354836	Silane, trichloro (1,1,2,2-tetrafluoroethyl)-	C2 H1 CL3 F4 Si1	0.187	
762925	Bis-1,1,2,2,-tetrafluorophosphine	C4 H3 F8 P1	0.302	
4259432	1,1,1-Trichloro-2,2,3,3,3-pentafluoropropane	C3 CL3 F5	0.308	
1320372	Ethane, dichlorotetrafluoro-	C2 CL2 F4	0.180	
76140391	1,3-Dichloro-1,1,3,3-tetrafluoropropane	C3 H2 CL2 F4	0.294	

423381	Butane, 1,1,3,4-tetrachloro-1,2,2,3,4,4-hexafluoro-	C4 CL4 F6	0.455	
76175	Propane, 1,2,3-trichloro-1,1,2,3,3-pentafluoro-	C3Cl3F5	0.297	
2354043	1,1,3,3-Tetrachloro-1,2,2,3-tetrafluoropropane	C3 CL4 F4	0.365	
64712272	1,1-dichloro-1,3,3,3-tetrafluoropropane	C3 H2 CL2 F4	0.257	
756138	3-Pentanone, 1,1,1,2,2,4,5,5,5-nonafluoro-4-(trifluoromethyl)-	C6 F12 O1	0.349	
453225	Methanamine, 1,1,1-trifluoro-N-[2,2,2-trifluoro-1-(trifluoromethyl)ethylidene]-(9CI)	C4F9N	0.331	
1490331	2-Propanethione, 1,1,1,3,3,3-hexafluoro	C3 F6 S1	0.258	
353855	Acetonitrile, trifluoro-	C2F3N	0.180	
335444	Butane, 2,2,3-trichloro-1,1,1,3,4,4,4-heptafluoro-	C4Cl3F7	0.327	
375633	Silane, trichloro(1,1,2,2,3,3,4,4-octafluorobutyl)-	C4 H1 CL3 F8 Si1	0.273	
2268442	1,1,2,2-Tetrachloro-1,3,3,3-tetrafluoropropane	C3 CL4 F4	0.332	
428454686	Propane, 1,1,1,2,3,3-hexafluoro-3-(trifluoromethoxy)	C4 H1 F9 O1	0.456	
677689	1,2,2,3-Tetrachloro-1,1,3,3-tetrafluoropropane	C3 CL4 F4	0.326	

354336	Pentafluoroethane	C2HF5	0.198	0.23
56860856	Propane, 1,1,1,2,3,3-hexafluoro-(3-difluoromethoxy)	C4H2F8O	0.494	
24071612	Cyclopropane, 1-bromo-1-chloro-2,2,3-trifluoro-	C3HBrClF3	0.136	
368661	2,4,6-Tris(trifluoromethyl)-sym-triazine	C6 F9 N3	0.383	
677554	1-Chloro-1,1,2,2,3-pentafluoropropane	C3 H2 CL1 F5	0.330	
375348	Butane, 2,2,3,3,-tetrachloro-1,1,1,4,4,4-hexafluoro	C4 CL4 F6	0.358	
375451	Butane, 1,2,3,4-tetrachloro-1,1,2,3,4,4-hexafluoro-	C4 CL4 F6	0.356	
431890	HFC-227ea (heptafluoropropane)	C3HF7	0.227	0.26
17224087	3-Diazindinamine, N, N, 1,2,3-pentafluoro	C1 F5 N3	0.170	
422571	3-Chloro-1,1,1,2,2,3-hexafluoropropane	C3 H1 CL1 F6	0.276	
356194	Cyclobutane, 1,3-dichloro-1,2,2,3,4,4-hexafluoro	C4 CL2 F6	0.252	
422048	Propanenitrile, pentafluoro	C3 F5 N1	0.212	
393759	1,3-DiNO2 2-CL 5-CF3 benzene	C7 H2 CL1 F3 N2 O4	0.254	
1814886	1,1,1,2,2-Pentafluoropropane	C3 H3 F5	0.223	

3175642	1,1,1,2-Tetrachloro-2,3,3,3-tetrafluoropropane	C3 CL4 F4	0.266	
431787	1,2-Dibromo-1,1,3,3,3-pentafluoropropane	C3 H1 Br2 F5	0.261	
53063528	1,1,1-Trichloro-2,3,3,3-tetrafluoropropane	C3 H1 CL3 F4	0.229	
78522471	HFE-236ca12 (HG-10)	C3 H2 F6 O2	0.708	0.66
2805109	3-Bromo-1,1,1,2,2,3-hexafluoropropane	C3 H1 Br1 F6	0.255	
375008	Butanenitrile, heptafluoro-	C4 F7 N1	0.262	
460888	1-Bromo-1,1,3,3,3-pentafluoropropane	C3 H2 Br1 F5	0.262	
354416	Ethane, 1,1,2,2-tetrafluoro-1-iodo-	C2HF4I	0.131	
3831490	1,1,2,2-Tetrafluoro-1-iodoethane	C2 H1 F4 I1	0.131	
1599446	1,1,2,2,3,3-hexachloro-1,3-difluoropropane	C3 CL6 F2	0.347	
88880	Benzene, 2-chloro-1,3,5-trinitro-	C6 H2 CL1 N3 O6	0.141	
679992	1-chloro-1,2,2,3,3-pentafluoropropane	C3 H2 CL1 F5	0.234	
3182261	1,1,1,3,3,3-hexachloro-2,2,-difluoropropane	C3 CL6 F2	0.323	
1645881	Ethane, 1,1,-difluoro-1-isocyanato-	C3 H3 F2 N1 O1	0.224	
188690779	Ethane, 1-difluoromethoxy-2-difluormethoxy difluormethoxy-1,1,2,2-tetrafluoro	C5 H2 F10 O3	1.173	1.02

75683	1-Chloro-1,1-difluoroethane	C2H3F2Cl	0.181	0.2
2356618	1,1,2,2-TETRAFLUORO-1-(TRIFLUOROMETHOXY)ETHANE	C3 H1 F7 O1	0.353	
26738512	3,6,9,12-tetraoxapentadecane, 1,1,1,2,4,4,5,7,7,8,10,	C14HF29O4	1.627	
431710	2-Propanone, 1,1,1,3,3-pentafluoro-	C3 H1 F5 O1	0.200	
758394	Propane, 1,2-dibromo-3-chloro-1,1,3,3-tetrafluoro-	C3 H1 Br2 CL1 F4	0.296	
7125997	1,1-Dichloro-1,2,2-trifluoropropane	C3 H3 CL2 F3	0.300	
17224098	Diazindine, tetrafluoro-	C1 F4 N2	0.0876	
75627	Bromotrichloromethane	CCl3Br	0.0930	0.1097
460924	1-Chloro-1,1,3,3,3-pentafluoropropane	C3 H2 CL1 F5	0.265	
3330163	Propane, 1,1,1,2,3,3,-hexafluoro-2-(heptafluoropropoxy	C11HF23O3	1.212	
3330141	Propane, 1-[1-(difluoro(1,2,2,2-tetrafluoroethoxy)methyl]	C8HF17O2	0.861	
6262517	Cyclopropane, pentachloro	C3 H1 CL5	0.158	
679947	1-Bromo-1,2,2,3,3-pentafluoropropane	C3 H2 Br1 F5	0.194	

661961	Propane, 1,1,1,2,2,3-hexachloro-3,3-difluoro-	C3 CL6 F2	0.265	
353593	Bromochlorodifluoromethane	CF2BrCl	0.370	0.3
353582	Methane, bromodichlorofluoro-	CBrCl2F	0.310	
75456	Chlorodifluoromethane	CHClF2	0.212	0.2
24071565	Cyclopropane, 1,1,-dibromo-2,2-difluoro-	C3 H2 Br2 F2	0.0683	
431801	1,1,1,2,3-Pentachloro-3,3-difluoropropane	C3 H1 CL5 F2	0.246	
124732	1,2-Dibromotetrafluoroethane	C2F4Br2	0.260	0.33
138495428	HFC-43-10mee 1,1,1,2,2,3,4,5,5,5-decafluoropentane	C5 H2 F10	0.301	0.4
75445	Phosgene	CCl2O	0.286	
1112056	1,1,1-Trichloro-2,2-difluoropropane	C3 H3 CL3 F2	0.258	
2268464	Propane, 1,1,1,3-tetrachloro-2,2,3,3-tetrafluoro-	C3 CL4 F4	0.386	
423552	1-Bromo-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptadecafluorooctane	C8 Br1 F17	0.479	
2356629	HFE-227ea	C3 H1 F7 O1	0.367	0.4
375882	Heptane, 1-bromo-1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-	C7BrF15	0.407	
335568	Perfluorohexylbromide	C6 Br1 F13	0.318	

489985	2,4,6-Trinitroaniline	C6 H4 N4 O6	0.266	
188690780	HFE-338pcc13 (HG-01)	C4 H2 F8 O2	0.745	0.87
20095209	1,3-Dibromo-1,1,2,2,3-pentafluoropropane	C3 H1 Br2 F5	0.224	
354552	Bromopentafluoroethane	C2F5Br	0.283	
1652897	Propane, 1,1,1,2,2-pentachloro-3,3,3-trifluoro-	C3 CL5 F3	0.254	
56235	Carbon Tetrachloride	CCl4	0.146	0.13
431630	HFC–236ea	C3 H2 F6	0.215	0.3
99354	Benzene, 1,3,5-trinitro-	C6 H3 N3 O6	0.144	
2268453	1,1,2,3-Tetrachloro-1,2,3,3-tetrafluoropropane	C3 CL4 F4	0.334	
811972	1,1,1,2-Tetrafluoroethane	C2H2F4	0.144	0.15
677565	HFC–236cb	C3 H2 F6	0.232	0.23
42031152	Acetic acid, trifluoro-,2,2,2-trifluoro-1-trifluoromethyl)-ethyl	C5HF9O2	0.433	
2252791	Propane, 2-bromo-1,1,1,3,3,3-hexafluoro-	C3 H1 Br1 F6	0.200	
677532	1-Bromo-1,1,2,2,3-pentafluoropropane	C3 H2 Br1 F5	0.316	
142347088	1,1,1,2,2,3,4,5,5,5-decafluoropentane	C5 H2 F10	0.302	
69948249	1-(DIFLUOROMETHOXY)-1,1,2-TRIFLUOROETHANE	C3 H3 F5 O1	0.395	

307437	Perflubrodec	C10 Br1 F21	0.585	
376658	Cyclopentane, nonafluoro (trifluoromethyl)-	C5 H1 F9	0.270	
422775	Propane, 2-bromo-1,1,1,2,3,3,3-heptafluoro-	C3 Br1 F7	0.237	
40723646	Pentane, 1,1,2,2,3,3,4,4-octafluoro-	C5 H4 F8	0.255	
308485	Ether, bis(nonafluorobutyl)	C8 F18 O1	0.651	
40723635	Propane, 1,1,2,2-tetrafluoro-	C3 H4 F4	0.182	
144109035	2,2,3,4,4-Pentafluoro oxetane	C3 H1 F5 O1	0.317	
431878	Propane, 2-chloro-1,1,1,3,3,3-hexafluoro-	C3 H1 CL1 F6	0.228	
422537	1,1,3-Trichloro-1,2,2,3-tetrafluoropropane	C3 H1 CL3 F4	0.284	
27070617	Propane, hexafluoro-	C3 H2 F6	0.255	
70192631	1,1-Dichloro-1,2,2,3-tetrafluoropropane	C3 H2 CL2 F4	0.339	
70192788	1-Bromo-1,1,-dichloro-2,2,-difluoropropane	C3 H3 Br1 CL2 F2	0.228	
359353	1,1,2,2-Tetrafluoroethane	C2H2F4	0.1598	0.18
76119	Ethane, 1,1,1,2-tetrachloro-2,2-difluoro-	C2Cl4F2	0.315	
28605745	Ethane, tetrachlorodifluoro-	C2 CL4 F2	0.315	
67721	Ethane, hexachloro-	C2Cl6	0.121	
421750	1-Chloro-1,1,2,2-tetrafluoropropane	C3 H3 CL1 F4	0.286	

70192664	1,3-Dibromo-1-chloro-1,2,2,3-tetrafluoropropane	C3 H1 Br2 CL1 F4	0.249	
420928	1-Bromo-1,1,2-trifluoroethane	C2 H2 Br1 F3	0.254	
460731	HFC-245fa (1,1,1,3,3-Pentafluoropropane)	C3 H3 F5	0.202	0.28
333266	1,1,3-Trichloro-1,3,3-trifluoropropane	C3H2CL3F3	0.279	
421056	Acetonitrile, chlorodifluoro-	C2 CL1 F2 N1	0.271	
57041675	HFE–236ea2 (Desflurane)	C3 H2 F6 O1	0.411	0.44
754201	1-Bromo-1-chloro-1,2,2,2-tetrafluoroethane	C2 Br1 CL1 F4	0.283	
108770	2,4,6 Trichloro-s-triazine	C3Cl3N3	0.245	
431845	1,1,2-Trichloro-1,3,3,3-tetrafluoropropane	C3 H1 CL3 F4	0.287	
67490362	HFE-329mcc2	C4F9OH	0.437	0.49
813752	1,2,2,3-Tetrafluoropropane	C3 H4 F4	0.1437	
693856	3H-Diazine, 3-3-difluoro-	C1 F2 N2	0.0346	
70192642	1-Bromo-1-chloro-1,2,2,3-tetrafluoropropane	C3 H2 Br1 CL1 F4	0.309	
71302722	Furan, 2,2,3,3,4,4-hexafluorotetrahydro-5-[2,2,2-trifluoro-1,1-bis(trifluoromethyl)ethyl]-	C8HF15O	0.577	
422504	1,1,1,3-Tetrachloro-2,2,3-trifluoropropane	C3 H1 CL4 F3	0.265	

1599435	1,1,2,2,3-Pentachloro-1,3,3-trifluoropropane	C3 CL5 F3	0.329	
2354054	1,1,1,2,3-Pentachloro-2,3,3-trifluoropropane	C3 CL5 F3	0.321	
2354065	1,1,1,3,3-Pentachloro-2,2,3-trifluoropropane	C3 CL5 F3	0.417	
694177	Tetrafluoroethylene oxide	C2 F4 O1	0.216	
421170	Methanesulfenyl chloride, trifluoro-	C1 CL1 F3 S1	0.289	
131211717	1,1,1-Trichloro-2,2,3-trifluoropropane	C3 H2 CL3 F3	0.288	
308247	Undecafluorocyclohexane	C6HF11	0.354	
51346646	2-Chloro-1,1,1,2,3,3-hexafluoropropane	C3 H1 CL1 F6	0.239	
353548	methane, tribromofluoro-	CFBr3	0.0906	
28103664	2-Chloro-1,1,1,3,3-pentafluoropropane	C3 H2 F6	0.223	
70192675	1,1-Dibromo-3-chloro-1,2,2,3-tetrafluoropropane	C3 H1 Br2 CL1 F4	0.239	
76120	Ethane, 1,1,2,2-tetrachloro-1,2-difluoro-	C2Cl4F2	0.323	
70192846	1-Bromo-1,1,2,2-tetrafluoropropane	C3 H3 Br1 F4	0.278	
377366	Butane, 1,1,2,2,3,3,4,4-octafluoro-	C4 H2 F8	0.248	
406586	1,1,1,3,3-pentafluorobutane	C4H5F5	0.172	0.21
67406660	1-Chloro-1,2,2,3-tetrafluoropropane	C3 H3 CL1 F4	0.221	

421147	HFE-143a	C2 H3 F3 O1	0.194	0.27
430900	1-Bromo-1,2,2-trifluoroethane	C2 H1 Br1 F4	0.193	
10025782	Silane, trichloro-	SiCl3	0.235	
2631687	Benzene, 1,3,5-trichloro-2,4,6-trinitro-	C6 CL3 N3 O6	0.117	
428591	Oxirane, trifluoro(trifluoromethyl)-	C3F6O	0.238	
1717006	1,1-Dichloro-1-fluoroethane	C2H3Cl2F	0.154	0.14
1652740	1,1,2,3,3-Pentachloro-1,2,3-trifluoropropane	C3 CL5 F3	0.433	
22410442	HFE-245cb2	C3 H3 F5 O1	0.296	0.32
811949	1,2,2-Trifluoropropane	C3 H5 F3	0.119	
128903219	2,2-Dichloro-1,1,1,3,3-pentafluoropropane	C3 H1 CL2 F5	0.220	
679867	HFC–245ca	C3 H3 F5	0.183	0.23
15290774	1,1,2,2,3,3,4-HEPTAFLUOROCYCLOPENTANE	C5H3F7	0.231	
463718	Carbonothioic dichloride	CCl2S	0.240	
75105	Methane difluoro	CH2F2	0.104	0.11
2252804	2-Bromo-1,1,1,2,3,3-hexafluoropropane	C3 H1 Br1 F6	0.272	
70192653	1-Bromo-3-chloro-1,2,2,3-tetrafluoropropane	C3 H2 Br1 CL1 F4	0.247	
1330456	Ethane, chlorotrifluoro-	C2 H2 CL1 F3	0.195	

1663678	Propanedioyl dichloride	C3 H2 CL2 O2	0.144	
773148	Furan, octafluorotetrahydro	C4F8O	0.431	
661836	3-Bromo-3-chloro-1,1,1,2,2-pentafluoropropane	C3 H1 Br1 CL1 F5	0.203	
1885489	HFE-245fa2	C3 H3 F5 O1	0.371	0.31
2501011	Butane, 1,1,1,2,3,4,4,4-octafluoro, 2,3-bis (heptafluoropropoxy)-	C10 F22 O2	0.991	
27639981	Propanoyl fluoride, 2,3,3,3-tetrafluoro-2 (1,1,2,3,3)	C12F24O4	1.071	
38568217	Propane, 2,2,-dibromo-1,1,1,3,3,3-hexafluoro	C3 Br2 F6	0.214	
95576253	1,1,1,2,2,5,5,6,6,6 decafluorohexane HFC-55-10-mcff	C6 F10 H4	0.283	
420439	1-Bromo-1,1,-difluoroethane	C2 H3 Br1 F2	0.185	
2837890	1-Chloro-1,2,2,2-Tetrafluoroethane	C2HClF4	0.207	0.22
422015	3-Bromo-1,1,1,2,2-pentafluoropropane	C3 H2 Br1 F5	0.169	
420451	Propane, 2,2-difluoro-	C3 H6 F2	0.0856	
507551	1,3-DICHLORO-1,2,2,3,3-PENTAFLUOROPROPANE	C3HCL2F5	0.246	0.32
353559	Dibromochlorofluoromethane	CBr2ClF	0.217	

375031	Propane, 1,1,1,2,2,3,3-heptafluoro-3-methoxy-	C4H3F7O	0.350	0.3366
56860812	DIFLUOROMETHYL 2,2,3,3,3-PENTAFLUOROPROPYLETHER	C4 H3 F7 O1	0.430	
684162	2-Propanone, 1,1,1,3,3,3-hexafluoro-	C3F6O	0.223	
10057279	Hexafluoroacetone	C3 F6 O1	0.223	
788410	Dodecafluoroxepane	C6 F12 O1	0.592	
406780	HFE-347pcf2	C4 H3 F7 O1	0.391	0.25
28523866	HFE-347mmz1	C4 H3 F7 O1	0.343	0.34
4141917	Propane, 1,1,1,3,3,3-hexafluoro-2-iodo-	C3 H1 F6 I1	0.108	
353504	Carbonic difluoride	CF2O	0.0667	0.0477
70192766	1-Chloro-1,2,2-trifluoropropane	C3 H4 CL1 F3	0.181	
3849330	Propane, 1,1,1,2,3,3,3-heptachloro-	C3 H1 CL7	0.204	
594901	Octachloropropane	C3 CL8	0.112	
512516	HFE-374pc2a,b	C4 H6 F4 O1	0.297	0.25
156053882	HFE 338mcf2	C4F8OH2	0.415	0.43
407590	Butane, 1,1,1,4,4,4-hexafluoro	C4 H4 F6	0.233	
335364	Furan, 2,2,3,3,4,4,5-heptafluorotetrahydro-5-(nonafluorobutyl)-	C8F16O	0.576	
70192824	1-Bromo-1-chloro-1,2,2-trifluoropropane	C3 H3 Br1 CL1 F3	0.272	

131737	Benzenamine, 2,4,6-trinitro-N-(2,4,6-trinitrophenyl)-	C12 H5 N7 O12	0.362	
422446	1,2-Dichloro-1,1,2,3,3-pentafluoropropane	C3 H1 CL2 F5	0.381	
503388	Diphosgene	C2Cl4O2	0.687	
431812	1,1,1,2-Tetrachloro-3,3,3-trifluoropropane	C3 H1 CL4 F3	0.189	
661950	Propane, 1,2-dibromo-1,1,2,3,3,3-hexafluoro-	C3 Br2 F6	0.280	
5061701	2,3-Dibromo-1,1,1,2,3-pentafluoropropane	C3 Br2 F6	0.182	
354347	Acetyl fluoride, trifluoro-	C2F4O	0.175	
35042990	HFE-356pcf3b	C4H4F6O	0.379	0.39
460899	1,1,1,3-Tetrachloro-3,3-difluoropropane	C3 H2 CL4 F2	0.258	
99332	Benzoyl chloride, 3,5-dinitro-	C7 H3 CL1 N2 O5	0.261	
20193673	HFE 236fa	C3H2F6O	0.319	0.34
3607781	1,1,1,3,3,3-Hexachloropropane	C3 H2 CL6	0.197	
68155544	2H-Pyran, 2,2,3,3,4,4,5,5,6-nonafluorotetrahydro-6	C14F28O	0.897	
422617	Propanoyl fluoride, pentafluoro-	C3 F6 O1	0.204	
7125840	1,1,1-Trichloro-3,3,3-trifluoropropane	C3 H2 CL3 F3	0.201	

18017317	Hexanoyl fluoride, 2,2,3,3,4,4,5,6,6,6-decafluoro-5-	C7F14O	0.385	
354256	ETHANE, 1-CHLORO-1,1,2,2-TETRAFLUORO-	C2HClF4	0.204	
445669	2,6-NO2-4-CF3-aniline	C7 H4 F3 N3 O4	0.348	
70192857	1-Bromo-1,2,2-trifluoropropane	C3 H4 Br1 F3	0.159	
335422	Butanoyl fluoride, heptafluoro	C4F8O	0.261	
15742628	Octanoyl fluoride, 2,2,3,3,4,4,5,5,6,6,7,8,8,8-tetrad	C9 F18 O1	0.450	
375622	Pentanoyl fluoride, nonafluoro	C5 F10 O1	0.308	
15720986	Decanoyl fluoride, octadecafluoro-9-(trifluoromethyl)	C11 F22 O1	0.558	
355384	Hexanoyl fluoride, undecafluoro-	C6 F12 O1	0.352	
1493023	Formyl fluoride	C1 H1 F1 O1	0.0773	
15811526	Dodecanoyl fluoride, docosafluoro-11-(trifluoromethyl)	C13 F26 O1	0.657	
70192835	1,1-Dibromo-1,2,2-trifluoropropane	C3 H3 Br2 F3	0.240	
431823	1,1,2,3,3-Pentachloro-1,3-difluoropropane	C3 H1 CL5 F2	0.340	
354234	Ethane, 1,2-dichloro-1,1,2-trifluoro-	C2HCl2F3	0.293	
68025627	Tetradecanoyl fluoride, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9	C15F30O	0.741	
375848	Heptanoyl fluoride, tridecafluoro-	C7 F14 O1	0.366	

335660	Octanoyl fluoride, pentadecafluoro	C8F16O	0.393	
40464548	Heptafluorotetrahydro(nonafluorobutyl)furan	C8 F16 O1	0.602	
1645712	1,1,1,2,3,3-Hexachloro-2,3-difluoropropane	C3 CL6 F2	0.332	
32315109	Bis(trichloromethyl) carbonate	C3Cl6O3	1.280	
1645789	1-Bromo-1-chloro-2,2,3,3-tetrafluoropropane	C3 H2 Br1 CL1 F4	0.205	
75365	Acetyl chloride	C2H3ClO	0.109	
354563	pentachlorofluoroethane	C2Cl5F	0.298	
422322	1,2,2-Trichloro-1,1,3,3-tetrafluoropropane	C3 H1 CL3 F4	0.306	
421045	Ethane, 1-chloro, 1,1,2-trifluoro	C2 H2 CL1 F3	0.246	
1511622	Bromodifluoromethane	CHBrF2	0.137	0.14
679845	3-Bromo-1,1,2,2-tetrafluoropropane	C3 H3 Br1 F4	0.164	
13838169	Ethane, 1-chloro-1,2,2-trifluoro,2-difluoromethoxy	C3 H2 CL1 F5 O1	0.427	
4071016	1,1-Dichloro-2,2,3,3-tetrafluoropropane	C3 H2 CL2 F4	0.231	
557993	Acetyl fluoride	C2H3FO	0.0793	
3299249	Carbonalluoridic acid, trifluoromethyl ester	C2 F4 O2	0.298	
335648	Pentadecafluorooctyl chloride	C8 CL1 F15 O1	0.429	

431889	1,3-Dibromo-1,1,2,3,3-pentafluoropropane	C3 H1 Br2 F5	0.263	
375166	Butanoyl chloride, heptafluoro-	C4ClF7O	0.222	
422593	Propanoyl chloride, pentafluoro-	C3 CL1 F5 O1	0.278	
79538	Chloropentafluoroacetone	C3 CL1 F5 O1	0.284	
354325	Acetyl chloride, trifluoro-	C2ClF3O	0.227	
425387	Propanoyl fluoride, 2,2,3,3,-tetrafluoro-3-(trifluoromethoxy)-	C4F8O2	0.434	
65064780	2,2,3,3-Tetrafluoropropyl-1',1',2',3',3'-hexafluoropropyl ether	C6 H4 F10 O1	0.488	
2927835	Propanoyl fluoride, 2,3,3,3-tetrafluoro-2-(trifluorom)	C4 F8 O2	0.399	
26103082	HFE–338mmz1	C4 H2 F8 O1	0.391	0.41
425887	HFE-254cb2	C3 H4 F4 O1	0.273	0.28
139754760	1,1,2-Trichloro-1,2,3,3-tetrafluoropropane	C3 H1 CL3 F4	0.373	
754176	Ethane, 1,1,-dibromo-1-chloro-2,2,2-trifluoro-	C2 Br2 CL1 F3	0.193	
70341810	1,3-Dichloro-1,2,2,3-tetrafluoropropane	C3 H2 CL2 F4	0.192	
22052842	HFE–347mmy1 methyl perfluoroisopropyl ether	C4H3F7O	0.287	0.31
430660	HFC–143	C2 H3 F3	0.134	0.13

422548	1,3,3-Trichloro-1,1,2,2,-tetrafluoropropane	C3 H1 CL3 F4	0.333	
1522221	2,4-Pentanedione, 1,1,1,5,5,5-hexafluoro-	C5H2F6O2	0.288	
26675467	HCFE–235da2 (Isoflurane)	C3 H2 CL1 F5 O1	0.422	0.38
422004	1,3-Dichloro-1,1,2,2-tetrafluoropropane	C3 H2 CL2 F4	0.241	
354154	1,1,2-Trichloro-1,2-difluoroethane (Khladon 122a)	C2 H1 CL3 F2	0.260	
75616	Dibromofluoromethane	CBr2F2	0.355	
144429903	2-Chloro-1,1,2,3,3-pentafluoropropane	C3 H2 CL1 F5	0.241	
1682786	Propanoyl fluoride, 2,3,3,3-tetrafluoro-2-(pentafluoroethoxy)	C5F10O2	0.490	
163702076	HFE–449sl (HFE–7100) Chemical blend	C5 H3 F9 O1	0.366	0.31
76028	Trichloroacetyl chloride	C2Cl4O	0.202	
506967	Acetyl bromide	C2H3BrO	0.122	
10024972	Nitrous oxide	N2O	0.00597	0.003
2062988	Propanoyl fluoride, 2,3,3,3-tetrafluoro-2-(heptafluoro)	C6 F12 O2	0.547	
675149	1,3,5-Triazine, 2,4,6-trifluoro-	C3F3N3	0.0955	
84011154	HFE-245fa1	C3 H3 F5 O1	0.269	0.3
10026047	Silane, tetrachloro-	SiCl4	0.138	
147728323	1,1,1,2-Tetrachloro-2,3,3-trifluoropropane	C3 H1 CL4 F3	0.305	

422297	1,1,2,2-Tetrachloro-1,3,3-trifluoropropane	C3 H1 CL4 F3	0.312	
431312	Propane, 1,1,1,2,3-pentafluoro	C3 H3 F5	0.198	0.23
1649087	Ethane, 1,2-dichloro-1,1-difluoro-	C2H2Cl2F2	0.198	
161791339	Butane 1,1,1,2,2,4-hexafluoro-	C4H4F6	0.244	
431072	1-Chloro-1,2,2-trifluoroethane	C2 H2 CL1 F3	0.195	
374129	1,1,2,2-tetrafluorocyclobutane	C4 H4 F4	0.142	
54306568	1,1,1-Trichloro-2,3,3-trifluoropropane	C3 H2 CL3 F3	0.255	
75887	1,1,1-Trifluoro-2-chloroethane	C2H2F3Cl	0.143	
69045847	2,3-Dichloro-5-(trifluoromethyl)pyridine	C6 H2 CL2 F3 N1	0.245	
70192700	1,1-Dichloro-2,2,3-trifluoropropane	C3 H3 CL2 F3	0.195	
70192755	1-Bromo-2,2,3-trifluoropropane	C3 H4 Br1 F3	0.106	
26391117	2-Bromo-1,1,2,3,3-pentafluoropropane	C3 H2 Br1 F5	0.244	
17705305	2,2-Dichloro-1,1,3,3-tetrafluoropropane	C3 H2 CL2 F4	0.200	
422424	1,2,3-Trichloro-1,1,2,3-tetrafluoropropane	C3 H1 CL3 F4	0.338	
354278	Acetyl fluoride, chlorodifluoro-	C2CLF3O	0.267	
507028	Acetyl iodide	C2H3IO	0.132	

116165	2-Propanone, 1,1,1,3,3,3-hexachloro-	C3Cl6O	0.248	
422526	1,1,3,3-Tetrachloro-1,2,2-trifluoropropane	C3 H1 CL4 F3	0.371	
24270664	Propane, 1,1,2,3,3-pentafluoro HFC-245ea	C3 H3 F5	0.181	0.18
24071554	Cyclopropane, 1,1,-dibromo-2-fluoro-	C3 H3 Br2 F1	0.0550	
422786	1,1,1,2,2,3,3-Heptachloro-3-fluoropropane	C3 CL7 F1	0.263	
422811	1,1,1,2,3,3,3-heptachloro-2-fluoropropane	C3 CL7 F1	0.243	
354063	Ethane, 1-bromo-2-chloro-1,1,2-trifluoro-	C2HBrClF3	0.228	
421363	1,2-Dibromo-2-chloro-1,1,-difluoroethane	C2 H1 Br2 CL1 F2	0.217	
354518	1,2-Dibromo-1-chloro-1,2,2-trifluoroethane	C2Br2CLF3	0.215	
144909546	1,2,2,3-Tetrachloro-1,1,3-trifluoropropane	C3 H1 CL4 F3	0.334	
22692166	2-Bromo-1,1,1,3,3-pentafluoropropane	C3 H2 Br1 F5	0.216	
131221368	1,1,3-Trichloro-2,2,3-trifluoropropane	C3 H2 CL3 F3	0.200	
67406682	1,3-dichloro-1,2,2-trifluoropropane	C3 H3 CL2 F3	0.148	
920661	2-Propanol, 1,1,1,3,3,3-hexafluoro-	C3H2F6O	0.265	0.28

421998	1,1,3-Trichloro-1,2,2-trifluoropropane	C3 H2 CL3 F3	0.261	
420995	Propane, 1-chloro-2,2-difluoro-	C3 H5 CL1 F2	0.109	
120978	Dichlorophenamide	C6 H6 CL2 N2 O4 S2	0.430	
127219	2-Propanone,1,3-dichloro-1,1,3,3-tetrafluoro	C3CL2F4O	0.306	
112820378	Propanoyl fluoride,	C9F18O3	0.862	
2641341	Propanoyl fluoride, 2,3,3,3,-tetrafluoro-2-(1,1,2,3,3)	C9F18O3	0.866	
1645756	2-Propanimine, 1,1,1,3,3,3-hexafluoro	C3 H1 F6 N1	0.259	
359159	Methane, difluoromethoxy-	C2 H4 F2 O1	0.212	
422275	1,1,1,2,2-Pentachloro-3,3-difluoropropane	C3 H1 CL5 F2	0.225	
25543344	2-Bromo-2-chloro-1,1,3,3-tetrafluoropropane	C3 H2 Br1 CL1 F4	0.199	
1112012	1,1-Dichloro-2,2-difluoropropane	C3 H4 CL2 F2	0.172	
70192733	1,3-Dibromo-1,2,2-trifluoropropane	C3 H3 Br2 F3	0.151	
420984	1-Bromo-2,2-difluoropropane	C3 H5 Br1 F2	0.0637	
163702087	HFE–449sl (HFE–7100) Chemical blend	C5H3 F9 O	0.418	0.31
420917	1-Bromo-2-chloro-1,1-difluoroethane	C2 H2 Br1 CL1 F2	0.172	

359068	Acetyl chloride, fluoro-	C2 H2 CL1 F1 O1	0.182	
145599913	1,1,2,3-Tetrachloro-1,2,3-trifluoropropane	C3 H1 CL4 F3	0.275	
75434	Dichlorofluoromethane	CHCl2F	0.203	0.17
1717540	1,2-Dibromo-1-chloro-1,2-difluoroethane	C2 H1 Br2 CL1 F2	0.153	
70192722	1-Bromo-3-chloro-1,2,2-trifluoropropane	C3 H3 Br1 CL1 F3	0.124	
594423	Methanesulfenyl chloride, trichloro-	CCl4S	0.102	
407385	Acetic acid, trifluoro-2,2,2-trifluoroethyl ester	C4 H2 F6 O2	0.333	
70192799	1,1-Dibromo-2,2-difluoropropane	C3 H4 Br2 F2	0.113	
679878	Propane, 1,1,2,2-tetrafluoro-3-iodo-	C3 H3 F4 I1	0.109	
1835490	Tetrafluoroterephthalonitrile	C8 F4 N2	0.0634	
1835650	Tetrafluorophthalonitrile	C8 F4 N2	0.101	
431798	1,1,1,2,3,3-Hexachloro-3-fluoropropane	C3 H1 CL6 F1	0.264	
420495	Chlorodifluoroiodomethane	C1 CL1 F2 I1	0.285	
422491	1,1,1,3,3-Pentachloro-2,2,-difluoropropane	C3 H1 CL5 F2	0.337	
132182924	Pentane, 1,1,1,2,2,3,4,5,5,5-decafluoro-3-methoxy-4-(trifluoromethyl)	C7H3F13O	0.402	
139754759	2,2,3-Trichloro-1,1,1,3-tetrafluoropropane	C3 H1 CL3 F4	0.234	

421501	2-Propanone, 1,1,1-trifluoro-	C3H3F3O	0.159	0.1032
677930	Decane, 1,1,1,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-eicosafluoro-10-iodo-2-(trifluoromethyl)-	C11F23I	0.390	
124721	2-Bromo-1,1,1,2-tetrafluoroethane	C2HBrF4	0.188	
79378	Oxalyl chloride	C2Cl2O2	0.206	
354303	2,2-Dibromo-1,1,1-trifluoroethane	C2HBr2F3	0.136	
879390	1,2,3,4-Tetrachloro-5-nitrobenzene	C6 H1 CL4 N1 O2	0.112	
354245	Acetyl chloride, chlorodifluoro-	C2CL2F2O	0.283	
677543	1,1,1,3-Tetrachloro-2,2-difluoropropane	C3 H2 CL4 F2	0.228	
3248633	Tetradecane, 1,1,1,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10	C15F31I	0.491	
22692177	1,2-Dibromo-1,1,3,3-tetrafluoropropane	C3 H2 Br2 F4	0.312	
865770	Octane, 1,1,1,2,3,3,4,4,5,5,6,6,7,7,8,8-hexadecafluoro-8-iodo-2-(trifluoromethyl)-	C9 F19 I1	0.316	
3486086	Hexane, 1,1,1,2,3,3,4,4,5,5,6,6-dodecafluoro-6-iodo-2	C7F15I	0.221	
421012	2-Bromo-1-chloro-1,1-difluoroethane	C2 H2 Br1 CL1 F2	0.188	

307631	Tetradecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,13,13,14,14-nonacosafluoro-14-iodo-	C14F29I	0.482	
598583	Methyl nitrate	C1 H3 N1 O3	0.125	
3248611	Dodecane, 1,1,1,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10, 11	C13F27I	0.464	
307608	Dodecane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12-pentacosafluoro-12-iodo-	C12F25I	0.456	
460866	1,3-Dibromo-1,1,3,3-tetrafluoropropane	C3 H2 Br2 F4	0.302	
71556	Ethane, 1,1,1-trichloro-	C2H3Cl3	0.0572	0.06
147728301	1,1,1,2,3-Pentachloro-2,3-difluoropropane	C3 H1 CL5 F2	0.232	
423621	Decane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-heneicosafluoro-10-iodo-	C10F21I	0.384	
558974	Nonane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-nonadecafluoro-9-iodo-	C9 F19 I1	0.362	
353491	Carbonic chloride fluoride	CClFO	0.163	
27636857	Propane, heptafluoroiodo-	C3 F7 I1	0.188	

507631	Octane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-8-iodo-	C8 F17 I1	0.331	
677690	Propane, 1,1,1,2,3,3,3-heptafluoro-2-iodo-	C3F7I	0.141	
335580	Heptane, 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7-pentadecafluoro-7-iodo-	C7F15I	0.292	
425876	Ethane, 2-chloro-1,1,2-trifluoro-1-methoxy-	C3 H4 CL1 F3 O1	0.283	
355431	Hexane, 1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-6-iodo-	C6F13I	0.212	
28260619	CHLOROTRINITROBENZENE	C6 H2 CL1 N3 O6	0.165	
421067	1,1,1-Trifluoro-2-bromoethane	C2 H2 Br1 F3	0.130	
354041	Ethane, 1,2-dibromo-1,1,2-trifluoro-	C2HBr2F3	0.178	
117180	2,3,5,6-Tetrachloronitrobenzene	C6 H1 CL4 N1 O2	0.0921	
638799	Pentane, 1,1,1,2,2,3,3,4,4,5,5-undecafluoro-5-iodo-	C5F11I	0.191	
76380	Methoxyflurane	C3H4CL2F2 O	0.254	
34761472	3,6,9,12-Tetraoxapentadecanoyl fluoride, 2,4,4,5,7,7	C15F30O5	1.683	

594183	Methane, dibromodichloro-	C1 Br2 CL2	0.0534	
423392	Butane, 1,1,1,2,2,3,3,4,4-nonafluoro-4-iodo-	C4F9I	0.177	
7309844	1,4-dioxan-2-one,3,5,5,6-tetrafluoro-3,6-bis(trifluoromethyl)-	C6 F10 O3	0.527	
7385651	1,3-dioxolane-2-carbonyl fluoride	C6F10O3	0.522	
421078	HFC-263fb trifluoropropane	C3F3H5	0.118	0.13
610402	1,2-DiNO2 4-CL benzene	C6 H3 CL1 N2 O4	0.138	
754347	Propane, 1,1,1,2,2,3,3-heptafluoro-3-iodo-	C3F7I	0.188	
75376	1,1-Difluoroethane	C2H4F2	0.100	0.09
149329248	2,2-DiChloro-1,1,1,3-tetrafluoropropane	C3 H2 CL2 F4	0.190	
422560	3,3-Dichloro-1,1,1,2,2-pentafluoropropane	C3HCl2F5	0.286	0.2
421692	Ethane, 1,2-dibromo-1,2-dichloro-1,2-difluoro	C2 Br2 CL2 F2	0.226	
422264	1,1,1,2,2,3-Hexachloro-3-fluoropropane	C3 H1 CL6 F1	0.203	
677521	2-Bromo-1,1,1,2,3-pentafluoropropane	C3 H2 Br1 F5	0.210	
392449	1,2-Butadiene, 1-chloropentafluoro-	C4 CL1 F5	0.228	
354643	Ethane, pentafluoroiodo-	C2F5I	0.177	0.26

53063551	1,3-Dichloro-1,1,2,3-tetrafluoropropane	C3 H2 CL2 F4	0.244	
1112363	1,3-Dichloro-2,2-difluoropropane	C3 H4 CL2 F2	0.0946	
37881622	Octafluoroadipoyl difluoride	C6 F10 O2	0.341	
74908	Hydrogen cyanide	CHN	0.0348	
24071634	Cyclopropane, 1-bromo-1,2-dichloro-	C3 H3 Br1 CL2	0.0483	
4089570	Propanoyl fluoride, 2,3,3,3-tetrafluoro-2-[1,1,2,2,	C5F10O4S	0.598	
777377	Benzene, 1-chloro-4-nitro-2-(trifluoromethyl)-	C7 H3 CL1 F3 N1 O2	0.317	
13063439	PROPANEDINITRILE, DICHLORO-	C3 CL2 N2	0.112	
118832	4-Chloro-1-nitro-2(trifluoromethyl)benzene	C7 H3 CL1 F3 N1 O2	0.229	
297730939	Hexane, 3-ethoxy-1,1,1,2,3,4,4,5,5,6,6,6-dodecafluoro-2-(trifluoromethyl)-	C9 H5 F15 O1	0.417	
108247	Acetic anhydride	C4H6O3	0.333	
10545990	Sulfur chloride, SCl2	SCl2	0	
19041022	2-Chloro-1,1,3,3-tetrafluoropropane	C3 H3 CL1 F4	0.182	
2730645	1-Chloro-1,1,3,3-tetrafluoropropane	C3 H3 CL1 F4	0.241	
1112136	1,1,3-Trichloro-2,2-difluoropropane	C3 H3 CL3 F2	0.156	
407250	Acetic acid, trifluoro-, anhydride	C4F6O3	0.584	

421487	1,1,1,2-Tetrafluoropropane	C3 H4 F4	0.168	
382343	HFE-356mec3	C4 H4 F6 O1	0.317	0.3
160620202	HFE-356pcc3	C4F6H4O	0.331	0.3
356423	Propanoic acid, pentafluoro-, anhydride	C6F10O3	0.556	
1112147	1,1,3,3-Tetrachloro-2,2-difluoropropane	C3 H2 CL4 F2	0.258	
79049	Chloroacetyl chloride	C2H2Cl2O	0.0964	
559400	Fc-c1418	C5F8	0.321	0.32
149447916	1-Chloro-1,2,3,3-tetrafluoropropane	C3 H3 CL1 F4	0.207	
597342	1,3-Dibromo-2,2,-difluoropropane	C3 H4 Br2 F2	0.0953	
336594	Butanoic acid, heptafluoro-, anhydride	C8F14O3	0.834	
421738	2-Chloro-1,1,1,2-tetrafluoropropane	C3 H3 CL1 F4	0.226	
79367	Dichloroacetyl chloride	C2HCl3O	0.0964	
679903	Ethane, 2-bromo-1,1,2-trifluoro-1-methoxy-	C3 H4 Br1 F3 O1	0.245	
97096	Benzenesulfonamide, 4-chloro-3-nitro-	C6 H5 CL1 N2 O4 S1	0.299	
7763771	Chloroethylene oxide	C2 H3 CL1 O1	0.0673	
33496489	Octanoic acid, pentadecafluoro-anhydride	C16 F30 O3	1.092	
402540	Benzene, 1-nitro-4-(trifluoromethyl)-	C7 H4 F3 N1 O2	0.240	

146916907	2,3-Dichloro-1,1,1,3-tetrafluoropropane	C3 H2 CL2 F4	0.150	
593533	Methane, fluoro-	CH3F	0.0336	0.02
2088359	Cyclopropane, 1,1-dichloro-	C3 H4 CL2	0.0424	
100254	Benzene, 1,4-dinitro-	C6 H4 N2 O4	0.114	
121175	Benzene, 1-chloro-2-nitro-4-(trifluoromethyl)-	C7 H3 CL1 F3 N1 O2	0.247	
471432	Ethane, 1,1,-dichloro-2,2-difluoro-	C2 H2 CL2 F2	0.181	
812124	Methanesulfinyl fluoride, trifluoro	C1 F4 O1 S1	0.186	
149329282	2-Chloro-1,1,2,3-tetrafluoropropane	C3 H3 CL1 F4	0.156	
425945	1,2-Dichloro-1,2,3,3-tetrafluoropropane	C3 H2 CL2 F4	0.210	
431470	Acetic acid, trifluoro-, methyl ester	C3H3F3O2	0.201	
149329260	1,2-Dichloro-1,1,2,3-tetrafluoroporpane	C3 H2 CL2 F4	0.299	
42060640	Octafluorotetrahydrothiophene 1,1-dioxide	C4 F8 O2 S1	0.335	
593704	Chlorofluoromethane	C1 H2 CL1 F1	0.0661	
97007	Benzene, 1-chloro-2,4-dinitro-	C6 H3 CL1 N2 O4	0.128	
606213	Benzene, 2-chloro-1,3-dinitro-	C6 H3 CL1 N2 O4	0.128	
19041011	2-Bromo-1,1,3,3-tetrafluoropropane	C3 H3 Br1 F4	0.188	

25567673	CHLORODINITROBENZENE	C6 H3 CL1 N2 O4	0.0881	
624919	Nitrous acid, methyl ester	CH3NO2	0.212	
24270686	1,1,2,3-Tetrafluoropropane	C3 H4 F4	0.175	
306832	Ethane, 2,2-dichloro-1,1,1-trifluoro-	C2HCl2F3	0.206	0.14
7126014	2,2-Dichloro-1,1,1-trifluoropropane	C3 H3 CL2 F3	0.190	
678773	Pentanedioyl dichloride, hexafluoro-	C5 CL2 F6 O2	0.415	
40723657	Hexane, 1,1,2,2,5,5,6,6-octafluoro-	C6 H6 F8	0.340	
384225	o-Nitro-a,a,a-trifluorotoluene	C7 H4 F3 N1 O2	0.194	
545062	Acetonitrile, trichloro-	C2Cl3N	0.0975	0.0749
98376035	2-Bromo-1,1,1,2-tetrafluoroethane	C3 H3 Br1 F4	0.188	
508463	1,2-Dibromo-1,2,3,3-tetrafluoropropane	C3 H2 Br2 F4	0.163	
87683	Hexachloro-1,3-butadiene	C4Cl6	0.205	
354212	1,1-Difluoro-1,2,2-trichloroethane	C2HCl3F2	0.233	
41006411	1-Butanesulfonyl chloride, 1,1,2,2,3,3,4,4,4-nonafluoro	C4 CL1 F9 O1 S1	0.362	
679890	Ethane, 2-bromo-2-chloro-1,1,difluoro-1-methoxy-	C3 H4 Br1 CL1 F2 O1	0.221	
20098480	1,2,3-Trichloro-5-nitrobenzene	C6 H2 CL3 N1 O2	0.142	

2310943	1-Bromo-1-chloro-1-fluoroethane	C2 H3 Br1 CL1 F1	0.135	
359400	Ethanedioyl difluoride	C2 F2 O2	0.124	
54377321	1,1,3-Trichloro-1,2,3-trifluoropropane	C3 H2 CL3 F3	0.261	
598210	Acetyl bromide, bromo-	C2H2Br2O	0.0869	
431061	1,2-DICHLORO-1,2-DIFLUOROETHANE	C2 H2 CL2 F2	0.142	
753662	Bromodifluoroiodomethane	C1 Br1 F2 I1	0.145	
70192711	1-Bromo-1,2,2,3-tetrafluoropropane	C3 H3 Br1 F4	0.155	
433954	BENZENE, 1,2-BIS(TRIFLUOROMETHYL)-	C8H4F6	0.284	
433192	Benzene, 1,4-bis(trifluoromethyl)-	C8H4F6	0.3590	
98464	m-Trifluoromethyl nitrobenzene	C7H4F3NO2	0.220	
163702065	HFE–569sf2 (HFE–7200) Chemical blend	C6F9OH5	0.377	0.3
117088	1,3-Isobenzofurandione, 4,5,6,7-tetrachloro-	C8 CL4 O3	0.209	
382285	Morpholine, 2,2,3,3,5,5,6,6-octafluoro-4-(trifluoromethyl)-	C5F11NO	0.551	
155329343	2,2-Dichloro-1,1,3-trifluoropropane	C3 H3 CL2 F3	0.154	
630206	Ethane, 1,1,1,2-tetrachloro-	C2H2Cl4	0.0769	
82688	Benzene, pentachloronitro-	C6 CL5 N1 O2	0.0484	

134251051	1-Chloro-1,1,2-trifluoropropane	C3 H4 CL1 F3	0.223	
455185	Benzonitrile, 4-(trifluoromethyl)-	C8 H4 F3 N1	0.209	
421670	2-Bromo-2-chloro-1,1,1-trifluoropropane	C3 H3 Br1 CL1 F3	0.163	
528290	o-Dinitrobenzene	C6 H4 N2 O4	0.0790	
75821	1,1-Dibromo-2,2-difluoroethane	C2 H2 Br2 F2	0.118	
353833	1,1,1-Trifluoro-2-iodoethane	C2H2F3I	0.0849	
68360	Benzene, 1,4-bis(trichloromethyl)-	C8 H4 CL6	0.321	
651809	Benzene, 1,2,4,5-tetrafluoro-3-(trifluoromethyl)	C7 H1 F7	0.260	
29118294	2,3-Dibromo-1,1,1,3-tetrafluoropropane	C3 H2 Br2 F4	0.176	
66794307	1,1,3,3-Tetrafluoropropane	C3 H4 F4	0.207	
598992	Acetic acid, trichloro-, methyl ester	C3H3Cl3O2	0.181	
28995893	1,3,6,8-TETRANITRONAPHTHALENE	C10 H4 N4 O8	0.201	
163702054	HFE–569sf2 (HFE–7200) Chemical blend	C6F9OH5	0.391	0.3
64992149	Acetic acid, cyano-anhydride with acetic acid	C5 H5 N1 O3	0.431	
79492	2-Propanone, 1,1,1,3,3-pentabromo-	C3 H1 Br5 O1	0.154	

422413	1,2,3,3-Tetrachloro-1,1,2-trifluoropropane	C3 H1 CL4 F3	0.337	
420484	Dichlorofluoroiodomethane	C1 CL2 F1 I1	0.101	
812011	Methyl chlorosulphate	C1 H3 CL1 O3 S1	0.252	
7345495	1,3-Dioxolane-2-carbonyl fluoride, 4-fluoro-5-oxo-2,4-bis(trifluoromethyl)-	C6 F8 O4	0.477	
421705	Ethane, 1-bromo-1,1,2,2-tetrafluoro-2-iodo	C2 Br1 F4 I1	0.110	
69202104	2-Chloro-1,1,2-trifluoropropane	C3 H4 CL1 F3	0.160	
2310932	1,1-Dibromo-1-fluoroethane	C2 H3 Br2 F1	0.121	
151677	2-bromo-2-chloro-1,1,1-trifluoroethane	C2HBrClF3	0.177	
99650	Benzene, 1,3-dinitro-	C6 H4 N2 O4	0.0995	
624726	HFC–152	C2 H4 F2	0.0678	0.09
51735843	1-Butanesulfinamide, 1,1,2,2,3,3,4,4,4-nonafluoro	C4 H2 F9 N1 O1 S1	0.332	
374061	2-Chloro-2,3,3-trifluorobutane	C4 H6 CL1 F3	0.192	
117970908	2-Chloro-1,1,1,3-tetrafluoropropane	C3 H3 CL1 F4	0.163	
541888	Acetic acid, chloro-, anhydride	C4H4Cl2O3	0.469	
598572	METHYLNITROAMINE	C1 H4 N2 O2	0.184	
66794352	1,1,2-Trifluoropropane	C3 H5 F3	0.122	

359193	1,1-Dibromo-2,2-difluoroethane	C2 H2 Br2 F2	0.118	
75898	Trifluoroethanol	C2H3F3O	0.179	0.21
402313	Benzene, 1,3-bis(trifluoromethyl)-	C8H4F6	0.310	
447609	A,A,A-TRIFLUOR-O-TOLUNITRIL	C8 H4 F3 N1	0.177	
599008	Trifluoroacetic acid	C2 H1 F3 O2	0.245	
7126003	1,2-Dichloro-1,1,2-trifluoropropane	C3 H3 CL2 F3	0.277	
17341934	Carbonochloridic acid, 2,2,2,-trichloroethyl ester	C3 H2 CL4 O2	0.382	
333368	BIS(2,2,2-TRIFLUORETHYL)-ETHER	C4 H4 F6 O1	0.332	
23757428	1H-Imidazole-4-amine, 2,5-dihydro-2,2,5,5-tetrakis(trifluoromethyl)-	C7 H3 F12 N3	0.456	
753651	Bromochlorofluoroiodomethane	C1 Br1 CL1 F1 I1	0.109	
64240295	1,1,1,2,2-Pentachloropropane	C3 H3 CL5	0.123	
354610	1,2-Dichloro-1,1,2-trifluoro-2-iodoethane	C2 CL2 F3 I1	0.160	
619727	Benzonitrile, 4-nitro-	C7 H4 N2 O2	0.0790	
70348	Benzene, 1-fluoro-2,4-dinitro-	C6 H3 F1 N2 O4	0.118	
422479	2,3,3-Trichloro-1,1,1,2-tetrafluoropropane	C3 H1 CL3 F4	0.255	
4124305	Acetic acid, dichloro-, anhydride	C4 H2 CL4 O3	0.441	

146254264	1,1,2,3,3-Pentachloro-1,2-difluoropropane	C3 H1 CL5 F2	0.288	
7791255	Sulfuryl chloride	CL2 O2 S1	0.195	
699309	2,5-Furandione, 3,3,4,4-tetrafluorodihydro-	C4F4O3	0.344	
1071223	Propanenitrile, 3-(trichlorosilyl)-	C3 H4 CL3 N1 Si1	0.162	
17700093	2,3,4-Trichloronitrobenzene	C6 H2 CL3 N1 O2	0.125	
89690	Benzene, 1,2,4-trichloro-5-nitro-	C6 H2 CL3 N1 O2	0.124	
53063540	3,3-Dichloro-1,1,1,2-tetrafluoropropane	C3 H2 CL2 F4	0.196	
3435152	Silanediol, methyl-diacetate	C5 H10 O4 Si1	0.577	
3764010	Pyrimidine, 2,4,6-trichloro-	C4HCl3N2	0.225	
429721	Acetic acid, trifluoro-methylsyldyne ester	C7 H3 F9 O6 Si1	1.168	
75547	Methyldichlorosilane	CH4SiCl2	0.262	
76051	Acetic acid, 2,2,2-trifluoro-	C2HF3O2	0.242	
151771094	3-Chloro-1,1,1,2-tetrafluoropropane	C3 H3 CL1 F4	0.154	
593986	Methane, bromochlorofluoro-	C1 H1 Br1 CL1 F1	0.125	
1633449	3,4-Pyridinedicarbonitrile	C7 H3 N3	0.0271	
373524	Methane, bromofluoro-	C1 H2 Br1 F1	0.0685	

422059	1-Propanol, 2,2,3,3,3-pentafluoro-	C3H3F5O	0.222	0.24
307517	1-Decanesulfonyl fluoride, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heneicosafluoro-	C10F22O2S	0.647	
68259063	1-Nonanesulfonyl fluoride, 1,1,2,2,3,3,4,4,5,5,6,6,7	C9F20O2S	0.595	
307357	1-Octanesulfonyl fluoride	C8F18O2S	0.551	
335717	1-heptanesulfonyl fluoride	C7F16O2S	0.481	
3796234	3-Trifluoromethyl pyridine	C6 H4 F3 N1	0.186	
423507	1-hexanesulfonyl fluoride	C6 F14 O2 S1	0.431	
29151255	2-Bromo-1,1,1,3-tetrafluoropropane	C3 H3 Br1 F4	0.157	
375815	1-Pentanesulfonyl fluoride, 1,1,2,2,3,3,4,4,5,5,6-undecafluoro-	C5 F12 O2 S1	0.397	
375724	1-Butanesulfonyl fluoride, 1,1,2,2,3,3,4,4,4-nonafluoro-	C4F10O2S	0.344	
428922	Ethane, 2-chloro-1-(chloromethoxy)-1,1,2,-trifluoro-	C3 H3 CL2 F3 O1	0.342	
335057	Methanesulfonyl fluoride, trifluoro	CF4O2S	0.238	
375019	1-Butanol, 2,2,3,3,4,4,4-heptafluoro-	C4H3F7O	0.314	0.28
151771118	2-Chloro-1,2,3-trifluoropropane	C3 H4 CL1 F3	0.113	

375508	1,4-Diiodooctafluorobutane	C4 F8 I2	0.243	
69116730	Propanoic acid, 3-(2-1(1,2-difluoro-2-oxo-1-(trifluoro)	C10H3F15O5	0.905	
612248	1-Nitro-2-cyanobenzene	C7 H4 N2 O2	0.0650	
2547617	Methanesulfonyl chloride, trichloro-	CCl4O2S	0.278	
422286	1,1,2,2,3,3-Hexachloro-1-fluoropropane	C3 H1 CL6 F1	0.254	
368774	A,A,A-TRIFLUOR-M-TOLUNITRIL	C8 H4 F3 N1	0.193	
151771083	1,3-Dichloro-1,2,3-trifluoropropane	C3 H3 CL2 F3	0.166	
2378021	2,2,2-TRIFLUORO-1,1-BIS(TRIFLUOROMETHYL)ETHANOL	C4 H1 F9 O1	0.320	
79221	Methyl chloroformate	C2H3ClO2	0.204	
99547	Benzene, 1,2-dichloro-4-nitro-	C6 H3 CL2 N1 O2	0.128	
2834233	Acetic acid, chlorodifluoro-, anhydride	C4 CL2 F4 O3	0.731	
755737	Propanoic acid, 2,2,3,3-tetrafluoro-3-methoxy-,methyl ester	C5 H6 F4 O3	0.343	
422300	1,2,2,3,3-Pentachloro-1,1,-difluoropropane	C3 H1 CL5 F2	0.231	
69116729	Propanoic acid, 2,2,3,3-tetrafluoro-3-[1,2,2,2,-tetrafluoro	C7H3F9O4	0.557	
359079	2-bromo-1,1-difluoroethane	C2H3BrF2	0.108	

421954	1,2,3-Trichloro-1,1,2-trifluoropropane	C3 H2 CL3 F3	0.232	
434640	Benzene, pentafluoro(trifluoromethyl)-	C7F8	0.234	
811950	1,1,2-Trichloro-1-fluoroethane	C2 H2 CL3 F1	0.166	
430897	1-Bromo-1-chloro-2,2-difluoroethane	C2 H2 Br1 CL1 F2	0.129	
7126058	1,2,2-Trichloro-1,1-difluoropropane	C3 H3 CL3 F2	0.219	
66273	Methanesulfonic acid, methyl ester	C2H6O3S	0.214	
149329293	3-Chloro-1,1,1,3-tetrafluoropropane	C3 H3 CL1 F4	0.207	
460673	3-Bromo-1,1,1,3-tetrafluoropropane	C3 H3 Br1 F4		
1185097	Ethanesulfenyl chloride, 1,1,2,2-tetrachloro-	C2 H1 CL5 S1	0.0716	
67663	Chloroform	CHCl3	0.0867	0.11
676971	Methyl phosphonic dichloride	C1 H3 CL2 O1 P1	0.150	
422037	2,2,3,3,3-Pentafluoropropylamine	C3 H4 F5 N1	0.274	
2366361	1,1,1-Trichloro-2-fluoroethane	C2 H2 CL3 F1	0.152	
89612	Benzene, 1,4-dichloro-2-nitro-	C6 H3 CL2 N1 O2	0.112	
376272	Octanoic acid, pentadecafluoro-, methyl ester	C9H3F15O2	0.445	
356241	Butanoic acid, heptafluoro-, methyl ester	C5H3F7O2	0.281	

378756	Propanoic acid, pentafluoro-, methyl ester	C4H3F5O2	0.219	
619249	Benzonitrile, 3-nitro-	C7 H4 N2 O2	0.0713	
75218	Ethylene oxide	C2H4O	0.0373	
151771129	1-Chloro-1,2,3-trifluoropropane	C3 H4 CL1 F3	0.180	
354381	Acetamide, 2,2,2-trifluoro-	C2H2F3NO	0.183	
149329259	2,3-Dichloro-1,1,1,2-tetrafluoropropane	C3 H2 CL2 F4	0.171	
151771107	1,1-Dichloro-1,2-difluoropropane	C3 H4 CL2 F2	0.171	
2127744	Ethanesulfonyl fluoride, 1,2,2,2-tetrafluoro	C2HF5O2S	0.238	
3018120	Dichloroacetonitrile	C2 H1 CL2 N1	0.0631	
407330	Acetic acid, fluoro-, anhydride	C4 H4 F2 O3	0.472	
359115	Ethene, trifluoro-	C2HF3	0.0879	
13014249	Benzene, 1,2-dichloro-4-(trichloromethyl)-	C7 H3 CL5	0.206	
421476	2-Chloro-1,1,1,-trifluoropropane	C3 H4 CL1 F3	0.141	
67879598	1,2,3,3-Tetrachloro-1,1-difluoropropane	C3 H2 CL4 F2	0.249	
460366	1,1,1,3-Tetrafluoropropane	C3 H4 F4	0.158	
29682391	3-Chloro-4-bromonitrobenzene	C6 H3 Br1 CL1 N1 O2	0.121	
2875185	PYRIDINE, 2,3,5,6-TETRAFLUORO-	C5 H1 F4 N1	0.110	

4023341	Cyclopropanecarbonyl chloride	C4 H5 CL1 O1	0.195	
16967796	TRICHLOROOXIRANE	C2 H1 CL3 O1	0.280	
6189000	Methanol, tris(pentafluoroethyl)-	C7 H1 F15 O1	0.556	
1897456	1,3-Benzenedicarbonitrile, 2,4,5,6-tetrachloro-	C8 CL4 N2	0.0522	
75796	Methyltrichlorosilane	CH3SiCl3	0.225	
421921	2,3-Dibromo-1,1,1,2-tetrafluoropropane	C3 H2 Br2 F4	0.164	
630251	Ethane, 1,2-dibromo-1,1,2,2-tetrachloro-	C2 Br2 CL4	0.0878	
333277	Methansulfonic acid, trifluoro-, methyl ester	C2 H3 F3 O3 S1	0.293	
3209221	Benzene, 1,2-dichloro-3-nitro-	C6 H3 CL2 N1 O2	0.0942	
422355	2,2,3,3-Tetrachloro-1,1,1-trifluoropropane	C3 H1 CL4 F3	0.293	
7126047	1,1,2-Trichloro-1,2-difluoropropane	C3 H3 CL3 F2	0.318	
594150	Tribromochloromethane	C1 Br3 CL1	0.0179	
421396	3-Chloro-2,2-difluorobutane	C4 H7 CL1 F2	0.117	
7393455	Cyclopropane, chloro-	C3 H5 CL1	0.0283	
354654	1,1,2,2-Tetrafluoro-1,2-diiodethane	C2F4I2	0.101	
422402	1,1,1,2,3,3-Hexachloro-2-fluoropropane	C3 H1 CL6 F1	0.178	

354870	Ehtanesulfonyl fluoride pentafluoro	C2F6O2S	0.298	
870778340	Pentane, 1,1,1,2,3,3-hexafluoro-4-(1,1,2,3,3,3-hexafluoropropoxy)-	C8F12H4O	0.539	
422640	Propanoic acid, pentafluoro-	C3HF5O2	0.255	
328847	Benzene, 1,2-dichloro-4-(trifluoromethyl)-	C7H3Cl2F3	0.228	
154193881	2,2-Dichloro-1,3-difluoropropane	C3 H4 CL2 F2	0.0712	
3855412	Imidosulfurous difluoride, (fluorocarbonyl)-	C1 F3 N1 O1 S1	0.0977	
16650105	TETRACHLOROETHYLENE OXIDE	C2 CL4 O1	0.202	
354110	Ethane, 1,1,1,2-tetrachloro-2-fluoro-	C2HCl4F	0.200	
700163	Pyridine, pentafluoro-	C5 F5 N1	0.146	
7125839	2,2,3-Trichloro-1,1,1-trifluoropropane	C3 H2 CL3 F3	0.184	
421465	2-Bromo-1,1,1-trifluoropropane	C3 H4 Br1 F3	0.145	
618622	Benzene, 1,3-dichloro-5-nitro-	C6 H3 CL2 N1 O2	0.143	
121612655	3-Chloro-1,1,2-trifluoropropane	C3 H4 CL1 F3	0.135	
100549	3-Pyridinecarbonitrile	C6H4N2	0.0595	
746532	9H-Fluoren-9-one, 2,4,5,7-tetranitro-	C13 H4 N4 O9	0.235	
55669948	Propane, 1,1-difluoro-1-isocyanato-	C4 H5 F2 N1 O1	0.191	

335773	1-Decanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heneicosafluoro-	C10HF21O3S	0.707	
624839	Methane, isocyanato-	C2H3NO	0.0323	0.0663
68259121	1-Nonanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-nonadecafluoro-	C9HF19O3S	0.664	
376909	1, 5-Pentanediol, 2,2,3,3,4,4-hexafluoro-	C5 H6 F6 O2	0.321	
23153222	1,1,1,3-Tetrachloro-3-fluoropropane	C3 H3 CL4 F1	0.167	
45298906	Perfluorooctyl sulfonic acid	C8 H1 F17 O3 S1	0.601	
375928	1-Heptanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,7-pentadecafluoro-	C7HF15O3S	0.532	
1800813	1-Bromo-1,2-difluoroethane	C2 H3 Br1 F2	0.117	
354121	1,1,1-Trichloro-2,2-difluoropropane	C3H3CL3F2	0.258	
13171181	HFE–356mm1	C4H4F6O	0.259	0.299
5587622	Silane, diisocyanatodimethyl-	C4 H6 N2 O2 Si1	0.358	
355464	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-	C6HF13O3S	0.489	
773820	Benzonitrile, pentafluoro-	C7F5N	0.103	

2706914	1-Pentanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,5-undecafluoro-	C5 H1 F11 O3 S1	0.433	
375735	1-Butanesulfonic acid, 1,1,2,2,3,3,4,4,4-nonafluoro-	C4HF9O3S	0.393	
812033	Propane, 1,1,1,2-tetrachloro-	C3H4Cl4	0.148	
993000	METHYLCHLOROSILANE	C1 H5 CL1 Si1	0.255	
110225	Peroxide, diacetyl	C4 H6 O4	0.191	
78068856	2-chloro-1-fluoro-4-(trifluoromethyl)-benzene	C7 H3 CL1 F4	0.212	
66794363	1,2,3-Trifluoropropane	C3 H5 F3	0.101	
149329271	1,3-Dichloro-1,1,2-trifluoropropane	C3 H3 CL2 F3	0.218	
355806	1-Pentanol, 2,2,3,3,4,4,5,5-octafluoro-	C5H4F8O	0.363	
359284	Ethane, 1,1,2-trichloro-2-fluoro-	C2 H2 CL3 F1	0.121	
430535	1,1-Dichloro-2-fluoroethane	C2 H3 CL2 F1	0.0957	
594207	Propane, 2,2-dichloro-	C3H6Cl2	0.0586	
3460182	1,4-Dibromo-2-nitrobenzene	C6 H3 Br2 N1 O2	0.0938	
10026138	Phosphorane, pentachloro-	CL5 P1	0.117	
1493136	Methanesulfonic acid, trifluoro-	CHF3O3S	0.298	
76379	1-Propanol, 2,2,3,3-tetrafluoro-	C3H4F4O	0.197	0.23
558134	Methane, tetrabromo-	CBr4	0.0209	

7126150	1,2-Dichloro-1,1,-difluoropropane	C3 H4 CL2 F2	0.213	
762505	1-Chloro-2-fluoroethane	C2 H4 CL1 F1	0.0663	
5781533	Acetic acid, chlorooxo-, methyl ester	C3H3ClO3	0.191	
631572	PROPANENITRILE, 2-OXO-	C3 H3 N1 O1	0.0496	
2182663	Silanediol, dimethyl-, diacetate	C6H12O4Si	0.472	
110003275	1,3-Dibromo-1,1,2-trifluoropropane	C3 H3 Br2 F3	0.207	
616422	Sulfurous acid, dimethyl ester	C2H6O3S	0.145	
1737935	Pyridine, 3,5-dichloro-2,4,6-trifluoro-	C5 CL2 F3 N1	0.126	
918003	1,1,1-Trichloro-2-propanone	C3 H3 CL3 O1	0.166	
68156069	Cyclohexanesulfonyl fluoride, decafluoro(pentafluoroethyl)	C8 F16 O2 S1	0.552	
61433918	Acetic acid, bromo, 2,2,2-trifluoroethyl ester	C4 H4 Br1 F3 O2	0.242	
68318343	Cyclohexanesulfonyl fluoride, decafluoro (trifluoromethyl)	C7 F14 O2 S1	0.498	
335999	1-Heptanol, 2,2,3,3,4,4,5,5,6,6,7,7-dodecafluoro-	C7H4F12O	0.446	
13058996	1,1,2-Trichloro-2,3,3-trifluoropropane	C3 H2 CL3 F3	0.267	
683589	Ethanimidoyl chloride, N-hydroxy-	C2 H4 CL1 N1 O1	0.122	

375224	Butanoic acid, heptafluoro-	C4HF7O2	0.241	
1615743	1-Bromo-1-chloro-2,2,difluoropropane	C3 H4 Br1 CL1 F2	0.159	
431516	2,3,3-Trichloro-1,1,1-trifluoropropane	C3 H2 CL3 F3	0.169	
74828	Methane	CH4	0.00138	0.0004
430966	1-Chloro-1,2-difluoropropane	C3 H5 CL1 F2	0.129	
382310	2,2,3,4,4,4-Hexafluoro-1-butanol	C4 H4 F6 O1	0.237	
338750	Propane, 2,3-dichloro-1,1,1-trifluoro-	C3H3CL2F3	0.150	
75194	Cyclopropane	C3H6	0.0227	
593759	METHANE, ISOCYANO-	C2 H3 N1	0.00675	
75058	Acetonitrile	C2H3N	0.00336	0.0068
431265	3-Bromo-2-chloro-1,1,1,-trifluoropropane	C3 H3 Br1 CL1 F3	0.149	
373740	Silane, trifluoromethyl-	C1 H3 F3 Si1	0.314	
76062	Methane, trichloronitro-	CCl3NO2	0.204	0.1333
10338962	Silane, bromodichloromethyl-	C1 H3 Br1 CL2 Si1	0.201	
444291	Benzene, 1-iodo-2-(trifluoromethyl)-	C7 H4 F3 I1	0.0996	
431834	1,1,2,3-Tetrachloro-1,3,3-trifluoropropane	C4 H4 CL4 F2	0.325	
827087	1,2-Dibromo-3,4,5,6-tetrafluorobenzene	C6 Br2 F4	0.118	

355033	Cyclohexanesulfonyl fluoride, undecafluoro	C6F12O2S	0.479	
68156003	Cyclohexanesulfonyl fluoride, nonafluororbis(trifluoromethyl)-	C6 F12 O2 S1	0.583	
83124565	1-Chloro-1,1,3-trifluoropropane	C3 H4 CL1 F3	0.247	
376181	1-Nonanol, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,-hexadecafluoro-	C9 H4 F16 O1	0.520	
2176627	Pyridine, pentachloro-	C5 CL5 N1	0.100	
26073267	Propanoyl chloride, 2,2-dichloro-	C3 H3 CL3 O1	0.162	
594898	1,1,1,2,2,3,3-heptachloropropane	C3 H1 CL7	0.120	
625581	Ethyl nitrate	C2H5NO3	0.173	
460606	1,3-Dibromo-1,1,3-trifluoropropane	C3 H3 Br2 F3	0.243	
69116718	Propanoic acid, 2,2,3-trifluoro-3-oxo-,methyl ester	C4 H3 F3 O3	0.231	
5406702	1,1,1,2,3,3-Hexachloropropane	C3 H2 CL6	0.176	
13637848	Sulonyl chloride fluoride	CL1 F1 O2 S1	0.181	
420440	2-Chloro-2-fluoropropane	C3 H6 CL1 F1	0.101	
149329306	1-Chloro-1,3,3-trifluoropropane	C3 H4 CL1 F3	0.217	
634662	Benzene, 1,2,3,4-tetrachloro-	C6 H2 CL4	0.103	

367577	2,4-Pentanedione, 1,1,1-trifluoro-	C5H5F3O2	0.173	
430579	Ethane, 1,2-dichloro-1-fluoro-	C2 H3 CL2 F1	0.0740	
354143	Ethane, 1,1,2,2-tetrachloro-1-fluoro-	C2HCl4F	0.213	
375826	2,2,3,3,4,4,5,5,6,6,7,7,7-Tridecafluoroheptan-1-ol	C7 H3 F13 O1	0.376	
6863747	2-Chloro-6-cyano-pyrazine	C5 H2 CL1 N3	0.0891	
3175255	1,1,1,2-Tetrachloro-2-fluoropropane	C3 H3 CL4 F1	0.204	
7126069	1,1,2,2-Tetrachloro-1-fluoropropane	C3 H3 CL4 F1	0.227	
594229	Trichloroiodomethane	C1 CL3 I1	0.0298	
3934201	Pyrimidine, 2,4-dichloro-	C4 H2 CL2 N2	0.153	
35262545	Octane, 1,1,1,2,2,3,3,4,4,-nonafluoro-	C8 H9 F9	0.266	
51735898	Methanesulfinyl isocyanate, trifluoro-	C2 F3 N1 O2 S1	0.223	
4333566	Cyclopropane, bromo-	C3 H5 Br1	0.0251	0.0235
2310987	2-Bromo-2-chloropropane	C3 H6 Br1 CL1	0.0590	
344070	Benzene, chloropentafluoro-	C6ClF5	0.141	
98566	1-Chloro-4-trifluoromethyl benzene	C7H4ClF3	0.236	

307700	1-Undecanol, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11-eicosafluoro-	C11H4F20O	0.576	
5500210	Cyclopropanecarbonitrile	C4H5N	0.0246	
24425976	1,1,1,2,2,3-Hexachloropropane	C3 H2 CL6	0.120	
915764	1,3,5-Triazine, 2,4,6-tris(heptafluoropropyl)-	C12 F21 N3	0.682	
608935	Benzene, pentachloro-	C6 H1 CL5	0.0775	
1594565	2,4-Dinitrophenyl thiocyanate	C7 H3 N3 O4 S1	0.134	
307302	1-Octanol, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-	C8H3F15O	0.417	
107313	Methyl formate	C2H4O2	0.0754	0.0629
1615754	Ethane, 1-chloro-1-fluoro-	C2 H4 CL1 F1	0.0730	
453010	1,2-Dichloro-3-fluoropropane	C3 H5 CL2 F1	0.0726	
401810	Benzene, 1-iodo-3-(trifluoromethyl)-	C7 H4 F3 I1	0.111	
421432	2-Bromo-1-chloro-1,1-difluoropropane	C3 H4 Br1 CL1 F2	0.218	
35207977	Cyclobutane, 1,1,2,2-tetrafluoro-3-(1,1,2,2-tetrafluorobutyl)-propane	C8 H8 F8	0.290	
79209	Methyl acetate	C3H6O2	0.0644	0.09746
24270675	1,1,3-Trifluoropropane	C3 H5 F3	0.139	

358236	Methanesulfonic acid, trifluoro-, anhydride	C2 F6 O5 S2	0.369	
3252435	Acetonitrile, dibromo0	C2 H1 Br2 N1	0.0195	
96344	Methyl chloroacetate	C3H5ClO2	0.133	
1514870	Acetic acid, chlorodifluoro-, methyl ester	C3 H3 CL1 F2 O2	0.181	
676993	Phosphonic difluoride, methyl-	C1 H3 F2 O1 P1	0.192	
2402791	Pyridine, 2,3,5,6-tetrachloro-	C5 H1 CL4 N1	0.102	
422060	Propanal, pentafluoro	C3 H1 F5 O1	0.184	
28011032	SULFAMOYL FLUORIDE, (1-CHLORO-2,2,2-TRIFLUOROETHYLIDENE)-	C2 CL1 F4 N1 O2 S1	0.430	
506774	Cyanogen chloride	CClN	0.00189	
53014372	TETRANITROANILINE	C6 H3 N5 O8	0.200	
62126903	1,2-Difluoropropane	C3 H6 F2	0.102	
74873	Methyl Chloride	CH3Cl	0.00536	0.01
430933	2-Chloro-1,1-difluoropropane	C3 H5 CL1 F2	0.0983	
115208	Ethanol, 2,2,2-trichloro-	C2H3Cl3O	0.164	
610695	Acetic acid, 2-nitrophenyl ester	C8 H7 N1 O4	0.242	
95943	Benzene, 1,2,4,5-tetrachloro-	C6 H2 CL4	0.0804	
353811	2,2-Difluorobutane	C4H8F2	0.0976	
431210	2,3-Dibromo-1,1,1-trifluoropropane	C3 H3 Br2 F3	0.132	

39638329	Propane, 2,2-oxybis[2-chloro-	C6 H12 CL2 O1	0.312	
14508497	Pyrazine, chloro-	C4H3ClN2	0.0823	
353366	Ethane, fluoro-	C2H5F	0.0407	0.03
335604	Octanal, pentadecafluoro-	C8HF15O	0.377	
1803367	Dimethylchloroborane	C2 H6 CL1 B1	0.137	
2131615	Benzene, 1-isothiocyanato-4-nitro-	C7 H4 N2 O2 S1	0.147	
594161	Propane, 2,2-dibromo-	C3H6Br2	0.0592	
35207988	Cyclobutane, 2-chloro-1,1,2-trifluoro-3-(1,1,2,2-tetrafluorobutyl)-, trans- (9CI)	C8H8ClF7	0.300	
35207999	Cyclobutane, 2-chloro-1,1,2-trifluoro-3-(1,1,2,2-tetrafluorobutyl)-, cis- (9CI)	C8H8ClF7	0.291	
378165	HFE–365mcf3	C4F5H5O	0.268	0.11
594729	Ethide	C2 H3 CL2 N1 O2	0.0917	
344047	Benzene, bromopentafluoro-	C6BrF5	0.132	
683921	2-Bromo-3-chloro-1,1,1-trifluoropropane	C3 H3 Br1 CL1 F3	0.142	
98157	Benzene, 1-chloro-3-(trifluoromethyl)-	C7H4ClF3	0.206	
2868373	Cyclopropanecarboxylic acid, methyl ester	C5H8O2	0.122	
460435	HFE 263fb2	C3 H5 F3 O1	0.195	0.1

1817738	Benzenamine, 2-bromo-4,6-dinitro-	C6 H4 Br1 N3 O4	0.172	
25735299	TRICHLOROPROPANE	C3 H5 CL3	0.140	
1794849	Methane, chloronitro-	C1 H2 CL1 N1 O2	0.0500	
2311004	2-Bromo-2-fluoropropane	C3 H6 Br1 F1	0.114	
63141093	Ethanone, 1-(chlorocyclopropyl)	C5H7ClO	0.0755	
111483262	1,3-Dichloro-1,2-difluoropropane	C3 H4 CL2 F2	0.129	
37161812	1-chloro-2,3-difluoropropane	C3 H5 CL1 F2	0.0982	
19847122	Pyrazinecarbonitrile	C5 H3 N3	0.0253	
79345	Tetrachloroethane	C2H2Cl4	0.0652	
4518983	Disilane, 1,1,2,2-tetrachloro-1,2-dimethyl-	C2 H6 CL4 Si2	0.240	
762492	Ethane, 1-bromo-2-fluoro-	C2 H4 Br1 F1	0.0454	
2311139	1-Bromo-1-fluoroethane	C2 H4 Br1 F1	0.0934	
464108	Methane, tribromonitro-	C1 Br3 N1 O2	0.149	
127184	Ethene, tetrachloro-	C2Cl4	0.149	0.1076
320605	Benzene, 2,4-dichloro-1-(trifluoromethyl)-	C7H3Cl2F3	0.251	
401785	Benzene, 1-bromo-3-(trifluoromethyl)-	C7H4BrF3	0.192	
105340	Acetic acid, 2-cyano-methyl ester	C4H5NO2	0.102	

13075019	1,2,4-Tribromo-3,5,6-trichlorobenzene	C6 Br3 CL3	0.0230	
1071745	Propionitrile, 3-dichlorosiyl-	C3 H5 CL2 N1 Si1	0.259	
3175233	Propane, 1,2,2-trichloro-	C3H5Cl3	0.0676	
96322	Acetic acid, 2-bromo-, methyl ester	C3H5BrO2	0.124	
21700312	1,1,1,2,3-Pentachloropropane	C3 H3 CL5	0.116	
697836	Pyrimidine, 5-chloro-2,4,6-trifluoro-	C4ClF3N2	0.0855	
7789891	1,1,1,-Trichloropropane	C3 H5 CL3	0.125	
374403	Pentafluorobutanol-2	C4 H5 F5 O1	0.256	
110861	Pyridine	C5H5N	0.0152	0.1066
421830	Trifluoromethanesulfonyl chloride	C1 CL1 F3 O2 S1	0.239	
4170507	Silane, trichloro(1,2-dibromoethyl)-	C2 H3 Br2 CL3 Si1	0.138	
70192744	1,2-Dichloro-2,3-difluoropropane	C3 H4 CL2 F2	0.129	
319880	BENZENE, 1,3,5-TRICHLORO-2,4,6-TRIFLUORO-	C6 CL3 F3	0.113	
630137	2,2-diiodopropane	C3 H6 I2	0.0716	
1066359	Silane, chlorodimethyl-	C2 H7 CL1 Si1	0.226	
21981259	1,1,2,3-Tetrachloro-3-fluoropropane	C3 H3 CL4 F1	0.127	
70192777	1-Bromo-2-chloro-2,3-difluoropropane	C3 H4 Br1 CL1 F2	0.116	

107142	Chloroacetonitrile	C2H2ClN	0.0180	
421023	1-Chloro-1,1-difluoropropane	C3 H5 CL1 F2	0.205	
421205	Methyl fluorosulfonate	C1 H3 F1 O3 S1	0.283	
39001020	Octachlorodibenzofuran	C12 CL8 O1	0.190	
368945	Benzoyl fluoride, 4-(trifluoromethyl)-	C8 H4 F4 O1	0.272	
10312831	ACETALDEHYDE, METHOXY-	C3 H6 O2	0.0660	
4461307	Chloroacetyl isocyanate	C3 H2 CL1 N1 O2	0.109	
392563	Benzene, hexafluoro-	C6F6	0.108	
127060	2-Propanone, oxime	C3H7NO	0.0831	
74646392	2-Butanol, 4-bromo-3,3,4,4-tetrafluoro-	C4 H5 Br1 F4 O1	0.308	
420246	Difluoromethylarsine	C1 H3 F2 As1	0.0436	
51735741	1-BUTANESULFINIC ACID, 1,1,2,2,3,3,4,4,4-NONAFLUORO-, ANHYDRIDE	C8 F18 O3 S2	0.573	
1189715	Sulfuryl chloride isocyanate	CClNO3S	0.176	
430615	1,1-Difluoropropane	C3 H6 F2	0.0846	
88164	Benzene, 1-chloro-2-(trifluoromethyl)-	C7H4ClF3	0.197	
17640152	Carbonocyanidic acid, methyl ester	C3 H3 N1 O2	0.0589	
542767	Propanenitrile, 3-chloro-	C3H4ClN	0.0303	
75092	Methane dichloro	CH2Cl2	0.0219	0.03

431243	1,2,3-Trichloro-1,1-difluoropropane	C3 H3 CL3 F2	0.179	
82578005	2,3-Dichloro-1,1,-difluoropropane	C3 H4 CL2 F2	0.120	
13116604	Propane, 1,1,2,2-tetrachloro-	C3 H4 CL4	0.0593	
26523648	TRICHLOROTRIFLUOROETHANE	C2 H2 CL3 F1	0.269	
697187	1,2-Oxathiethane, 3,3,4,4-tetrafluoro-2,2,dioxide	C2 F4 O3 S1	0.333	
453009	1,2-Dibromo-3-fluoropropane	C3 H5 Br2 F1	0.0692	
815587	2-Propenoyl chloride, 2,3,3-trichloro-	C3Cl4O	0.214	
7164149	1,2,3-Trichloro-1,2-difluoropropane	C3 H3 CL3 F2	0.205	
84816057	1,1,1,2-Tetrachloro-3-fluoropropane	C3 H3 CL4 F1	0.160	
111483206	1-Bromo-2,3-difluoropropane	C3 H5 Br1 F2	0.0790	
121612644	1,1-Dichloro-1,3-difluoropropane	C3 H4 CL2 F2	0.229	
2265943	Benzene, 1,3-difluoro-5-nitro-	C6 H3 F2 N1 O2	0.128	
430513	Fluoroacetone	C3 H5 F1 O1	0.0631	
401809	alpha,alpha,alpha,3-Tetrafluorotoluene	C7 H4 F4	0.226	
76017	Pentachloroethane	C2Cl5H	0.137	
422695	Silane, dichloromethyl(1,1,2,2-tetrafluoroethyl)-	C3 H4 CL2 F4 Si1	0.319	

600226	PROPANOIC ACID, 2-OXO-, METHYL ESTER	C4 H6 O3	0.0957	
329157	Benzoyl chloride, 4-(trifluoromethyl)-	C8H4ClF3O	0.433	
75525	Nitromethane	CH3NO2	0.0130	0.0231
1122618	4-Nitropyridine	C5 H4 N2 O2	0.0488	
2530269	3-Nitropyridine	C5 H4 N2 O2	0.0600	
15009913	2-Nitropyridine	C5 H4 N2 O2	0.0567	
109773	Propanedinitrile	C3 H2 N2	0.00646	
608902	Pentabromobenzene	C6 H1 Br5	0.0548	
623267	1,4-Benzenedicarbonitrile	C8 H4 N2	0.0318	
91156	1,2-Benzenedicarbonitrile	C8 H4 N2	0.0340	
6931040	2-Propanol, 2-nitroso-, acetate (ester)	C5 H9 N1 O3	0.142	
430864	2-Bromo-1-chloro-1-fluoropropane	C3 H5 Br1 CL1 F1	0.102	
17759885	Propane, 2-bromo-1,2-dichloro-	C3 H5 Br1 CL2	0.0675	
392836	Benzene, 1-bromo-2-(trifluoromethyl)-	C7H4BrF3	0.180	
402437	Benzene, 1-bromo-4-(trifluoromethyl)-	C7H4BrF3	0.222	
7125942	3,3-Dibromo-1,1,1-trifluoropropane	C3 H3 Br2 F3	0.200	
116541	Acetic acid, dichloro-, methyl ester	C3H4Cl2O2	0.0797	
356161	Ethane, 1,1,2,2-tetrafluoro-1,2 dinitro-	C2 F4 N2 O4	0.162	

421410	1,1,2-Trichloro-1-fluoropropane	C3 H4 CL3 F1	0.199	
98026574	3-Bromo-2-chloro-1,1,-difluoropropane	C3 H4 Br1 CL1 F2	0.0977	
75274	Methane- bromo dichloro	CHBrCl2	0.0620	0.0930
430546	2-Bromo-1-chloro-1-fluoroethane	C2 H3 Br1 CL1 F1	0.0941	
2106936	Ethylene, 1-bromo-2-chloro-1,2-difluoro-	C2 Br1 CL1 F2	0.131	
455130	Benzene, 1-iodo-4-(trifluoromethyl)-	C7 H4 F3 I1	0.144	
98088	Benzotrifluoride	C7H5F3	0.147	
15600018	1,1,2,2,3,3-hexachloropropane	C3 H2 CL6	0.0965	
420893	1-Bromo-1,1,-difluoropropane	C3 H5 Br1 F2	0.212	
431038	2,3-Butanedione	C4H6O2	0.0557	
677678	Acetyl fluoride, difluoro(fluorosulfonyl)-	C2 F4 O3 S1	0.215	
430886	1-Bromo-1,2-dichloro-2-fluoroethane	C2 H2 Br1 CL2 F1	0.101	
636282	Benzene, 1,2,4,5-tetrabromo-	C6 H2 Br4	0.0665	
75785	Dimethyldichlorsilane	C2H6SiCl2	0.102	
460662	3-Bromo-3-chloro-1,1,1,-trifluoropropane	C3 H3 Br1 CL1 F3	0.153	
328994	Benzoyl fluoride, 3-(trifluoromethyl)-	C8H4F4O	0.243	
632213	2-PROPANONE, 1,1,3,3-TETRACHLORO-	C3 H2 CL4 O1	0.115	

460695	3,3-Dichloro-1,1,1-trifluoropropane	C3 H3 CL2 F3	0.138	
1124330	Pyridine, 4-nitro-, 1-oxide	C5 H4 N2 O3	0.119	
2243950	Naphthalene, 1,4,5-trinitro-	C10 H5 N3 O6	0.157	
2364467	Naphthalene, 1,3,8-trinitro-	C10 H5 N3 O6	0.155	
460322	3-Bromo-1,1,1-trifluoropropane	C3 H4 Br1 F3	0.128	
453189	FLUORESSIGSAEURE-METHYLESTER	C3 H5 F1 O2	0.110	
327548	1,2,4,5-Tetrafluorobenzene	C6 H2 F4	0.131	
1645836	HFC-1234ze	trans – CHF=CHCF3	0.238	0.209
383631	Acetic acid, trifluoro-, ethyl ester	C4H5F3O2	0.233	0.1756
30693197	1,2-Dibromo-1-chloro-2-fluoroethane	C2 H2 Br2 CL1 F1	0.113	
100709	2-Pyridinecarbonitrile	C6 H4 N2	0.0329	
358974	1,2-Dibromo-1-fluoroethane	C2 H3 Br2 F1	0.0881	
100481	4-Pyridinecarbonitrile	C6H4N2	0.0324	
648362	Hexane, 3,3,4,4-tetrafluoro-	C6 H10 F4	0.314	
1868537	Methane, dibromofluoro-	C1 H1 Br2 F1	0.0895	
699398	1,3-cyclopentadiene, 1,2,3,4,5,5-hexafluoro	C5 F6	0.206	

3083236	1,1,1-TRICHLORO-2,3-EPOXYPROPANE	C3 H3 CL3 O1	0.220	
420973	Propane, 1,2-dichloro-2-fluoro-	C3 H5 CL2 F1	0.0839	
157404	SPIROPENTANE	C5 H8	0.0183	
460253	1,3-Dibromo-1,1-difluoropropane	C3 H4 Br2 F2	0.185	
1768316	Dichloromethyl trichloromethyl ketone	C3 H1 CL5 O1	0.193	
2565302	Formyl chloride	C1 H1 CL1 O1	0.0484	
430466	1-Chloro-2-fluoropropane	C3 H6 CL1 F1	0.0521	
758247	Ethene, 1-bromo-1-chloro-2,2-difluoro-	C2 Br1 CL1 F2	0.109	
40723691	Decane, 3,3,4,4,7,7,8,8-octafluoro-	C10 H14 F8	0.321	
431196	2,3-Dibromo-1-chloro-1,1-difluoropropane	C3 H3 Br2 CL1 F2	0.210	
79005	1,1,2-Trichloroethane	C2H3Cl3	0.0491	0.0602
22311257	1,2,3,4-TETRABROMOBENZENE	C6 H2 Br4	0.0563	
50915281	Cyclopropane, 1-chloro-1-methyl-	C4 H7 CL1	0.0369	
3175244	1,1,2-Trichloro-2-fluoropropane	C3 H4 CL3 F1	0.185	
121891	Ethanone, 1-(3-nitrophenyl)-	C8H7NO3	0.107	
14476303	Propane, 1,2,2-tribromo-	C3H5Br3	0.0613	
67641	Acetone	C3H6O	0.0237	0.0281

16995350	1,1,1,3-TETRACHLOROACETONE	C3 H2 CL4 O1	0.132	
118741	Benzene, hexachloro-	C6Cl6	0.0167	
593942	dibromoiodomethane	C1 H1 Br2 I1	0.0525	
551622	BENZENE, 1,2,3,4-TETRAFLUORO-	C6 H2 F4	0.112	
28016015	TETRAFLUOROBENZENE	C6 H2 F4	0.112	
79243	Nitroethane	C2H5NO2	0.0241	
598925	Ethane, 1-chloro-1-nitro-	C2H4ClNO2	0.0372	
626175	1,3-Benzenedicarbonitrile	C8 H4 N2	0.0286	
2251652	Benzoyl chloride, 3-(trifluoromethyl)-	C8H4ClF3O	0.372	
14906593	4-Pyridinecarbonitrile, 1-oxide	C6 H4 N2 O1	0.068	
598889	Ethene, 1,2-dichloro-1,2-difluoro-	C2 CL2 F2	0.143	
70192891	1,2,2-Trichloro-3-fluoropropane	C3 H4 CL3 F1	0.0776	
63708087	1,1-Dibromo-2-chloro-2-fluoroethane	C3 H4 Br2 CL1 F1	0.101	
335671	Octanoic acid, pentadecafluoro- (PFOA)	C8HF15O2	0.450	
1929824	Pyridine, 2-chloro-6-(trichloromethyl)-	C6 H3 CL4 N1	0.203	
827156	Pentafluoroiodobenzene	C6 F5 I1	0.0870	
630160	1,1,1,2-tetrabromoethane	C2 H2 Br4	0.0680	
17640027	Propanoic acid, 2,2-dichloro-, methyl ester	C4 H6 Cl2 O2	0.109	

106467	Paradichlorobenzene	C6H4Cl2	0.0928	
770956	Silane, trichloro(2-chloro-2,3,3-trifluorocyclobutyl)-	C4 H3 CL4 F3 Si1	0.126	
25322207	Ethane, tetrachloro-	C2 H2 CL4	0.0652	
15104617	1,1,2,3,3-Pentachloropropane	C3 H3 CL5	0.123	
375020	Butanal, heptafluoro-	C4 H1 F7 O1	0.220	
53074310	1,1-Dichloro-2-fluoropropane	C3 H5 CL2 F1	0.123	
17639939	Propanoic acid, 2-chloro-, methyl ester	C4H7ClO2	0.0964	
1128161	Pyridine, 3,5-dichloro-2-(trichloromethyl)-	C6 H2 CL5 N1	0.222	
2557815	Phenylsulfur pentafluoride	C6 H5 F5 S1	0.559	
23153233	1,1,1,3,3-Pentachloropropane	C3 H3 CL5	0.148	
1558254	Silane, trichloro(chloromethyl)-	CH2Cl4Si	0.133	
421943	1,1,1,2,3-Pentachloro-2-fluoropropane	C3 H2 CL5 F1	0.180	
2051243	Decachlorobiphenyl	C12 CL10	0.103	
13175729	Phosphorous difluoride, (pentafluorophenyl)	C6 F7 P1	0.260	
1558312	Silane, dichloro(dichloromethyl)methyl-	C2H4Cl4Si	0.162	
34945001	2-Bromo-1-chloro-2-fluoropropane	C3 H5 Br1 CL1 F1	0.120	

58902	Phenol, 2,3,4,6-tetrachloro-	C6 H2 CL4 O1	0.113	
75810	1,2-Dibromo-1,1-dichloroethane	C2H2Br2Cl2	0.0629	
74839	Methyl Bromide	CH3Br	0.00930	0.01
6515099	2,3,6-Trichloropyridine	C5 H2 CL3 N1	0.140	
74975	Methane, bromochloro-	CH2BrCl	0.0256	
67562394	Dibenzofuran, 1,2,3,4,6,7,8-heptachloro-	C12 H1 CL7 O1	0.226	
70192608	1,2-Dibromo-2-chloro-3fluoropropane	C3 H4 Br2 CL1 F1	0.0701	
25620626	DIBROMOETHANE	C2 H4 Br2	0.0686	
16063700	2,3,5-Trichloropyridine	C5 H2 CL3 N1	0.111	
151771130	1-Chloro-1,3-difluoropropane	C3 H5 CL1 F2	0.156	
816386	1,3-Dichloro-2-fluoropropane	C3 H5 CL2 F1	0.0471	
79276	Ethane, 1,1,2,2-tetrabromo-	C2 H2 Br4	0.0698	
670542	Ethenetetracarbonitrile	C6 N4	0.0154	
503093	Epifluorohydrin	C3 H5 F1 O1	0.0714	
120983724	Ethanone, 2-chloro-1-(1-chlorocyclopropyl)	C5H6Cl2O	0.0806	
25323891	Ethane, trichloro-	C2 H3 CL3	0.0491	
20769851	Propanoyl bromide, 2-bromo-2-methyl-	C4H6Br2O	0.124	
563702	BROMONITROMETHANE	CH2BrNO2	0.0291	

121528	Benzenesulfonamide, 3-nitro-	C6 H6 N2 O4 S1	0.278	
5455594	2-Nitrobenzenesulfonamide	C6 H6 N2 O4 S1	0.237	
6325935	Benzenesulfonamide, 4-nitro-	C6 H6 N2 O4 S1	0.274	
26073314	Propionaldehyde, 3-chloro-2,2,3-trifluoro-, dimethyl acetate	C5 H8 CL1 F3 O2	0.360	
34970008	Methane, bromochloroiodo-	C1 H1 Br1 CL1 I1	0.0436	
1871723	1-Bromo-2-fluoropropane	C3 H6 Br1 F1	0.0366	
353662	Silane, diflluorodimethyl-	C2 H6 F2 Si1	0.279	
102738794	2-Chloro-1,3-difluoropropane	C3 H5 CL1 F2	0.0660	
51584259	1,3-Dibromo-1,3-difluoropropane	C3 H4 Br2 F2	0.155	
13116535	Propane, 1,2,2,3-tetrachloro-	C3H4Cl4	0.0494	
595448	1,1-Dichloro-1-nitropropane	C3 H5 CL2 N1 O2	0.102	
18599207	Butane, 1,4-dibromo-1,1,2,2-tetrafluoro-	C4 H4 Br2 F4	0.272	
2402779	2,3-Dichloropyridine	C5 H3 CL2 N1	0.0795	
16110091	2,5-Dichloropyridine	C5 H3 CL2 N1	0.110	
632791	1,3-Isobenzofurandione, 4,5,6,7-tetrabromo-	C8 Br4 O3	0.207	

76937365	1,1,3-Trichloro-2-fluoropropane	C3 H4 CL3 F1	0.113	
1983262	Phosphonic dichloride, (chloromethyl)-	C1 H2 CL3 O1 P1	0.118	
557686	Bromoiodomethane	C1 H2 Br1 I1	0.0445	
77474	1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro-	C5 CL6	0.156	
33873095	2,6-Difluoropyrazine	C4 H2 F2 N2	0.0469	
754121	HFC 1234yf 2,3,3,3-Tetrafluoropropene	C3 H2 F4	0.227	0.23
1888717	1-Propene, 1,1,2,3,3,3-hexachloro-	C3Cl6	0.178	
594707	Propane, 2-methyl-2-nitro-	C4H9NO2	0.0270	
7799566	Propane, 1,1-dichloro-1-fluoro-	C3 H5 CL2 F1	0.234	
1617170	Propanenitrile, 2-chloro-	C3 H4 CL1 N1	0.0233	
406440	1,1-Dichloro-3,3-difluorobutane	C4 H6 CL2 F2	0.103	
666273	1,1,2,3-Tetrachloro-1-fluoropropane	C3 H3 CL4 F1	0.172	
78955	1-Chloro-2-propanone	C3H5ClO	0.0532	
290879	sym-Triazine	C3 H3 N3	0.0146	
32753905	1-Bromo-3-chloro-2-fluoropropane	C3 H5 Br1 CL1 F1	0.0456	
675218	Pyrimidine, 5-fluoro-	C4 H3 F1 N2	0.0230	
31575356	Pyrimidine, 2-fluoro-	C4 H3 F1 N2	0.0425	

13749376	Propane, 3-bromo-1,1,1-trichloro-	C3 H4 Br1 CL3	0.107	
78740	Ethane, 1,1,2-tribromo-	C2H3Br3	0.0531	
79469	2-Nitropropane	C3H7NO2	0.0258	0.0298
2195053	2-Bromo-1,3-difluoropropane	C3 H5 Br1 F2	0.0686	
75343	1,1-Dichloroethane	C2H4Cl2	0.0291	
1558243	Silane, trichloro(dichloromethyl)-	CHCl5Si	0.0887	
7799555	1,2-Dichloro-1-fluoropropane	C3 H5 CL2 F1	0.0925	
557915	Ethane, 1,1-dibromo-	C2H4Br2	0.0686	
7126161	1,2,3-Trichloro-2-fluoropropane	C3 H4 CL3 F1	0.109	
131404176	1,1-Dichloro-3,3-difluoropropane	C3 H4 CL2 F2	0.116	
4124316	Acetic acid, trichloro-, anhydride	C4 CL6 O3	0.644	
18495302	Propane, 1,1,2,3-tetrachloro-	C3H4Cl4	0.0757	
513882	2-PROPANONE, 1,1-DICHLORO-	C3 H4 CL2 O1	0.0605	
2278220	Peroxyacetyl nitrate	C2 H3 N1 O5	0.235	
461494	3-Bromo-1,1,difluoropropane	C3 H5 Br1 F2	0.112	
3119026	p-Cyanobenzenesulfonamide	C7 H6 N2 O2 S1	0.242	
690028	PEROXIDE, DIMETHYL	C2 H6 O2	0.0207	

460297	Propane, 3-bromo-1-chloro-1,1-difluoro-	C3 H4 Br1 CL1 F2	0.228	
694166	Cyclopropane, 1,1-dichloro-2,2-dimethyl-	C5 H8 CL2	0.0577	
460639	1,3,3-Trichloro-1,1,-difluoropropane	C3 H3 CL3 F2	0.193	
124481	Methane, dibromochloro-	CHClBr2	0.0560	
3175266	1,1,2,3-Tetrachloro-2-fluoropropane	C3 H3 CL4 F1	0.155	
471170	1,1-Dibromo-2-fluoroethane	C3 H5 Br2 F1	0.0631	
1786385	1,3-Dibromo-2-fluoropropane	C3 H5 Br2 F1	0.0429	
1729675	Propanoic acid, 2,3-dibromo-, methyl ester	C4H6Br2O2	0.0951	
593964	1-Bromo-1-chloroethane	C2 H4 Br1 CL1	0.0440	
598209	Ethane, 1,2-dibromo-1-chloro-	C2 H3 Br2 CL1	0.0539	
67832502	1,2,3-Trichloro-1-fluoropropane	C3 H4 CL3 F1	0.125	
594116	Cyclopropane, methyl-	C4H8	0.0178	
40186729	1,1'-Biphenyl, 2,2',3,3',4,4',5,5',6-nonachloro-	C12 H1 CL9	0.124	
52663771	2,3,4,5,6,2',3',5',6'-PCB	C12 H1 CL9	0.121	
53742077	NONACHLORO-1,1'-BIPHENYL	C12 H1 CL9	0.124	
2234131	Naphthalene, octachloro-	C10 CL8	0.103	
16714684	Propane, 1,1,2,2,3-pentachloro-	C3 H3 CL5	0.0368	

676835	Phosphorous dichloride, methyl-	C1 H3 CL2 P1	0.0227	
7719097	Thionyl chloride	CL2 O1 S1	0.0232	
683534	Ethane, 2-bromo-1,1-dichloro-	C2 H3 Br1 CL2	0.0415	
918207	2-Chloro-2-methylpropane	C4 H9 CL1	0.0395	
598312	1-Bromo-2-propanone	C3 H5 Br1 O1	0.0420	
62127473	Butane, 2,2,3-tribromo-	C4H7Br3	0.0702	
594047	Dichloroiodomethane	C1 H1 CL2 I1	0.0316	
507200	Propane, 2-chloro-2-methyl-	C4H9Cl	0.0383	
106398	Benzene, 1-bromo-4-chloro	C6H4BrCl	0.0757	
671954	Clofenamide	C6 H7 CL1 N2 O4 S2	0.471	
95501	Benzene, 1,2-dichloro-	C6H4Cl2	0.0605	
359375	ETHENE, TRIFLUOROIODO-	C2 F3 I1	0.0533	
75956	pentabromoethane	C2 H1 Br5	0.0487	
684004	Ethane, 2-trichlorosilyl, 1,2-dichloro-	C2 H3 CL5 Si1	0.0955	
289952	Pyrimidine	C4H4N2	0.0157	
290379	Pyrazine	C4H4N2	0.0239	
1722129	Pyrimidine, 2-chloro-	C4 H3 CL1 N2	0.0920	
17437397	Cyclobutane, 1,2-dichloro-	C4 H6 CL2	0.0459	
683681	Ethane, 1,2-dibromo-1,2-dichloro-	C2 H2 Br2 CL2	0.0425	

598776	Propane, 1,1,2-trichloro-	C3H5Cl3	0.0513	
52663793	1,1'-Biphenyl, 2,2',3,3',4,4',5,6,6'-nonachloro-	C12 H1 CL9	0.128	
697110	CYCLOBUTENE, HEXAFLUORO-	C4 F6	0.285	0.28
107062	Ethylene dichloride	C2H4Cl2	0.0146	0.0179
7051345	Cyclopropane, (bromomethyl)-	C4 H7 Br1	0.0438	
2417905	Propanenitrile, 3-bromo-	C3 H4 Br1 N1	0.00836	
3495429	Chlorquinox	C8 H2 CL4 N2	0.0990	
638733	chlorodiiodomethane	C1 H1 CL1 I2	0.0460	
107040	1-Bromo-2-chloroethane	C2H4BrCl	0.0231	
694804	Benzene, 1-bromo-2-chloro-	C6H4BrCl	0.0538	
2136994	2,2',3,3',5,5',6,6'-PCB	C12 H2 CL8	0.139	
35694087	2,2',3,3',4,4',5,5'-PCB	C12 H2 CL8	0.158	
106934	Ethylene dibromide	C2H4Br2	0.0440	0.0279
32753892	2-Bromo-1-chloro-3-fluoropropane	C3 H5 Br1 CL1 F1	0.0641	
74964	Ethyl Bromide	C2H5Br	0.0195	
4554169	Propanenitrile, 2,3-dibromo-	C3 H3 Br2 N1	0.0234	
32753916	1-Bromo-2-chloro-3-fluoropropane	C3 H5 Br1 CL1 F1	0.0469	
62135120	1-Bromo-1-fluoropropane	C3 H6 Br1 F1	0.104	
52663759	1,1'-Biphenyl, 2,2',3,3',4',5,5',6-octachloro-	C12 H2 CL8	0.146	

3405321	1,2,3,4-Tetrachlorobutane	C4 H6 CL4	0.0505	
52663737	1,1'-Biphenyl, 2,2',3,3',4,5,6,6'-octachloro-	C12 H2 CL8	0.122	
52663760	1,1'-Biphenyl, 2,2',3,4,4',5,5',6-octachloro-	C12 H2 CL8	0.128	
52663782	2,3,4,5,6,2',3',4'-PCB	C12 H2 CL8	0.117	
75478	Iodoform	C1 H1 I3	0.0707	
507197	t-butyl bromide	C4H9Br	0.0347	
593715	Chloroiodomethane	C1 H2 CL1 I1	0.0204	
765435	Cyclopropylmethylketone	C5 H8 O1	0.0776	
1630940	CYCLOPROPANE, 1,1-DIMETHYL-	C5 H10	0.0121	
3017956	Propane, 2-bromo-1-chloro-	C3H6BrCl	0.0401	
558178	Propane, 2-iodo-2-methyl-	C4H9I	0.0447	
626608	Pyridine, 3-chloro-	C5H4ClN	0.0507	
626619	4-Chloropyridine	C5 H4 CL1 N1	0.0460	
507404	tert-Butyl hypochlorite	C4 H9 CL1 O1	0.0249	
75003	Ethyl chloride	C2H5Cl	0.0133	0.0148
74953	Dibromomethane	CH2Br2	0.0302	0.01
40186718	1,1'-Biphenyl, 2,2',3,3',4,5',6,6'-octachloro-	C12 H2 CL8	0.151	
42740501	1,1'-Biphenyl, 2,2',3,3',4,4',5,6'-octachloro-	C12 H2 CL8	0.162	
14602621	Propane, 1,1,2-tribromo-	C3H5Br3	0.0561	

108032	1-Nitropropane	C3H7NO2	0.0193	
33037079	Propane, 1-bromo-2,3-dichloro-	C3 H5 Br1 CL2	0.0332	
590169	1-Bromo-2-iodoethane	C2 H4 Br1 I1	0.0404	
15219348	Ethanedioyl dibromide	C2 Br2 O2	0.00398	
124389	Carbon dioxide	CO2	0.000792	1.53E-5
694597	Pyridine, 1-oxide	C5 H5 N1 O1	0.0610	
816397	2-Propanone, 1,3-dibromo-	C3 H4 Br2 O1	0.0513	
624704	1-chloro-2-iodoethane	C2 H4 CL1 I1	0.0299	
96184	Propane, 1,2,3-trichloro-	C3H5Cl3	0.0312	
1120872	Pyridine, 4-bromo-	C5 H4 Br1 N1	0.0340	
74840	Ethane	C2H6	0.00501	0.0034
319846	alpha-Hexachlorocyclohexane	C6 H6 CL6	0.108	
107120	Propionitrile	C3H5N	0.00416	
75252	Bromoform	CHBr3	0.0564	
1587413	Methane, dichlorodinitro-	C1 CL2 N2 O4	0.174	
79016	Trichloroethylene	C2Cl3H	0.136	0.0953
96128	Propane, 1,2-dibromo-3-chloro-	C3H5Br2Cl	0.0346	
96117	Propane, 1,2,3-tribromo-	C3H5Br3	0.0320	
554212	1,3-Dioxolan-4-one, 2,5-bis-trichloromethyl-	C5 H2 CL6 O3	0.461	
58899	Lindane	C6 Cl6 H6	0.0725	

75025	Vinyl Fluoride	C2H3F	0.0749	
29118249	HFC 1234ze	C3 H2 F4	0.228	
115106	Dimethyl ether	C2H6O	0.0517	0.02
74986	Propane	C3H8	0.00350	0.0073
503286	Diazene, dimethyl-	C2 H6 N2	0.00228	
2314978	Methane, trifluoroiodo-	CF3I	0.240	0.23
506683	Cyanogen bromide	CBrN	0.000402	
75116	Methane diiodo	CH2I2	0.0492	
460195	Ethanedinitrile	C2N2	0	
50807777	HFE-356pcf2 1-(2,2-difluoroethoxy)-1,1,2,2,-tetraflouroethane		0.363	0.37
171182959	HFE-347mcf2 2,2-Difluoroethyl pentafluoroethyl ether		0.372	0.41
338830	1,1,2,2,3,3,3-Heptafluoro-N,N-bis(heptafluoropropyl)propan-1-amine	C9F21N	0.720	
382285	2,2,3,3,5,5,6,6-Octafluoro-4-(trifluoromethyl)morpholine	C5F11NO	0.552	
69991679	1,1,2,3,3,3-Hexafluoro-1,2-propanediol (difluoromethanediol)	C3H2F6O2 (C4H4F8O4)	0.351	
69991679		CH2F2O2	0.298	
	Galden HT170, m=4,n=3)	C15O8F32	2.213	
51142495	1,1,2,2,3,3,4,4,4-Nonafluoro-N,N-bis(nonafluorobutyl)butan-1-amine	C12F27N (C21F48N2)	0.810	
51142495	1,1,2,2,3,3,4,4,4-Nonafluoro-N-(nonafluorobutyl)-N-(trifluoromethyl)butan-1-amine	C9F21N (C21F48N)	0.629	

86508421	Dodosafluorodecane	C10F22	0.522	
	Galden HT170, m=1,n=1)	C6O3F14	1.0112	
FC770	Perfluoro n-propyl morpholine		0.671	
692499		C4H2F6	0.319	
102687650	(1E)-1-Chloro-3,3,3-trifluoro-1-propene	C3H2ClF3	0.209	
685632	1,1,2,3,4,4-Hexafluoro-1,3-butadiene	C4F6	0.191	
1514825	2-Bromo-3,3,3-trifluoro-1-propene	C3H2F3Br	0.170	
431527	1,1,2-Trichloro-3,3,3-trifluoro-1-propene	C3Cl3F3	0.232	
359137	2,2-Difluoroethanol	C2H4F2O	0.143	0.13
371620	2-Fluorethanol	C2H5FO	0.0792	0.1
75387	1,1-Difluoroethylene	C2H2F2	0.0909	
74862	Acetylene	C2H2	0.0815	
100425	C8H8	C8H8	0.0466	
74851	Ethene	C2H4	0.0372	
71432	Benzene	C6H6	0.00479	
108883	Toluene	C7H8	0.0171	
103651	Propyl benzene	C9H12	0.0257	
110827	Cyclohexane (chair)	C6H12	0.00404	
106978	Butane	C4H10	0.00434	
109660	Pentane	C5H12	0.00468	
2418226	2,3-Dichloro-1,1,1,4,4,4-hexafluorobut-2-ene	C4F6Cl2	0.296	
360894	Perfluorobut-2-ene	C4H8	0.243	
375177	HFC329p	C4HF9	0.262	0.31
69991679	Galden HT70	C6F14O3	1.111	0.65

69991679	Galden HT70	C7F16O4	1.475	
406871	4,4,4-Trifluorbutanal	C4H5F3O2	0.122	
460402	3,3,3-Trifluoropropanal	C3H3F3O	0.127	
173350373	1,1,3,3,4,4,6,6,7,7,9,9,10,10,10,12,12-Hexadecafluoro-2,5,8,11-tetraoxadodecane	C8H2F16O4	1.547	
173350384	1,1,3,3,4,4,6,6,7,7,9,9,10,10,12,12,13,13,15,15-eicosafluoro-2,5,8,11,14-pentaoxapentadecane	C10H2F20O5	1.959	
205367619	1,10 -Oxybis[2-(difluoromethoxy)-1,1,2,2-tetrafluoroethane	C6H2F12O3	1.112	
60598176	1,1,2,2-Tetrafluoro-3-methoxypropane	C4H6F4O	0.200	
380347	1-Ethoxy-1,1,2,3,3-hexafluoropropane	C5H6F6O	0.340	
84011063	1,1,2-Trifluor-2-(trifluoromethoxy)ethane		0.346	
2024864	Difluoromethyl 2,2,2-trifluoroacetate	C3HF5O2	0.456	
433534	Methyl 2,2-difluoroacetate	C3H4F2O2	0.150	
2002633	Difluoromethyl 2,2-difluoroacetate	C3H2F4O2	0.381	
433283	Vinyl 2,2,2-trifluoroacetate	C4H3F3O2	0.286	
500732	Phenyl 2,2,2-trifluoroacetate	C8H5F3O2	0.312	
383675	Allyl 2,2,2-trifluoroacetate	C5H5F3O2	0.279	
1344118133	1,1-Difluoroethyl 2,2,2-trifluoroacetate	C4H3F5O2	0.443	
206436375	Perfluoroethyl 2,2,2-trifluoroacetate	C4F8O2	0.523	
30410936	Trifluoromethyl 2,2,2-trifluoroacetate	C3F6O2	0.445	

1344118111	1,1-Difluoroethyl carbonofluoridate	C3H3F3O2	0.295	
1344118122	Perfluoropropyl carbonofluoridate	C4F8O2	0.425	
623950743	Perfluoroethyl carbonofluoridate	C3F6O2	0.388	
112915238	2,2,2-Trifluoroethyl carbonofluoridate	C3H2F4O2	0.207	
70411095	Difluoromethyl carbonofluoridate	C2HF3O2	0.321	
2838042	Fluoromethyl carbonofluoridate	C2H2F2O2	0.178	
1538063	Methyl carbonofluoridate	C2H3FO2	0.0754	
74123209	Trifluoromethyl acetate	C3H3F3O2	0.309	
343269976	Perfluoroethyl acetate	C4H3F5O2	0.461	
1344118100	Perfluoropropyl acetate	C5H3F7O2	0.474	
209597284	Perfluorobutyl acetate	C6H3F9O2	0.601	
856766706	1,1,1,3,3,3-Hexafluoropropan-2-yl formate	C4H2F6O2	0.315	
481631190	1,2,2,2-Tetrafluoroethyl formate	C3H2F4O2	0.323	
1344118097	3,3,3-Trifluoropropyl formate		0.235	
32042389	2,2,2-Trifluoroethyl formate		0.219	
197218567	Perfluorobutyl formate		0.517	
271257422	Perfluoropropyl formate	C4HF7O2	0.477	
313064403	Perfluoroethyl formate	C3HF5O2	0.386	
85358652	Trifluoromethyl formate	CHF3O2	0.296	
NO CAS	Trifluoro(trifluoromethoxy)methane	C2F6O	0.293	
1187935	HFE-216	C3F6O2	0.313	

1842053	HCFC-132c	C2H2Cl2F2	0.178	
87017978	3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,11-Nonadecafluoroundecan-1-ol	C11H5F19O	0.514	
2252848	HFC-227ca	C3HF7	0.210	
755022	3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-Pentadecafluorononan-1-ol	C9H5F15O	0.394	
185689570	3,3,4,4,5,5,6,6,7,7,7-Undecafluoroheptan-1-ol	C7H5F11O	0.346	
NO CAS	HG0 -30	C5H6F6O4	1.0753	
	HG0 -20	C4H6F4O3	0.548	
54796906	Hgo-10	C3H6F2O2	0.244	
485399460	Hgo-02	C6H6F8O3	0.778	
73287237	Hgo-01	C4H6F4O2	0.390	
2261010	Trifluoro(fluoromethoxy)methane	C2H2F4O	0.274	
461632	Difluoro(fluoromethoxy)methane	C2H3F3O	0.310	
462511	Fluoro(fluoromethoxy)methane	C2H4F2O	0.210	
460220	Fluoro(methoxy)methane	C2H5FO	0.112	
357266	Perfluorobut-1-ene	C4F8	0.287	
37031315	1,1,2,2-Tetrafluoro-1-(fluormethoxy)ethane	C3H3F5O	0.351	
406906	Fluoroxene	C4H5F3O2	0.276	
22052864	1-Ethoxy-1,1,2,2,3,3,3-heptafluoropropane	C5H5F7O	0.368	

249932261	HG-21	C6H2F12O4	1.520	
249932250	HG-20	C4H2F8O3	1.0851	
461187	4,4,4-Trifluorobutan-1-ol	C4H7F3O	0.157	
22052819	HFE-365mcf2	C4H45F5O	0.331	
134769214	HFE-329mcc2	C4HF9O	0.460	
690222	HFE-263m1	C3H5F3O	0.175	
32778113	HFE-236ca	C3H2F6O2	0.419	
2240882	3,3,3-Trifluoropropan-1-ol	C3H5F3O	0.157	
116143	PFC-1114	C2F4	0.108	
116154	PFC-1216	C3F6	0.232	
677214	HFC-1243zf	C3H3F3	0.183	
60433127	Perfluorodecalin (trans)	C10F18	0.495	
60433116	Perfluorodecalin (cis)	C10F18	0.529	
16621877	2,2,3,3,4,4,5,5-Octafluorocyclopentanol	C5H2F8O	0.326	
5595108	(E)-HFC-1225ye	C3HF5	0.226	
5528438	(Z)-HFC-1225ye	C3HF5	0.264	
29118250	(Z)-HFC-1234ze	C3H2F4	0.208	
374276	HFC-1345zfc	C4H3F5	0.214	
920979288	[2,5-Di(trifluoromethyl)ethyl]-furan	C12H5F19O2	0.692	
21652584	Heptadecafluorodec-1-ene	C10H3F17	0.470	
25291172	Tridecafluorooct-1-ene	C8H3F13	0.381	

19430934	Nonafluorohex-1-ene	C6H3F9	0.316	
485399482	3,3,4,4,6,6,7,7,9,9,10,10-Decafluoro-2,5,8,11-tetradecane	C8H6F12O4	1.170	
1309353341	perfluoropolymethylisopropyl	C6F14O3	1.111	
205367619	1,1-oxybis[2-difluorometh-oxy]-1,1,2,2-tetrafluoroethane	C6H2F12O3	1.112	