



Perfluorokerosene or "PFK" (EI, positive-ion)

Disclaimer: These data are for informational use only. No guarantees are made for the accuracy of the data presented.

Reference Name: Perfluorokerosene (PFK)

Use: Electron ionization (EI) and chemical ionization (CI).

Introduced via: Heated reference inlet.

*Positive EI: Exact Masses for
Perfluorokerosene (PFK) ions and air peaks.*

Exact Mass	Composition
1.00782504	H
4.00260325	He
18.0105647	H ₂ O
28.006148	N ₂
30.9984033	CF
31.9898293	O ₂
39.9623831	Ar
43.0183898	C ₂ H ₃ O
43.0547753	C ₃ H ₇
43.9898293	CO ₂
51.0046315	CF ₂ H
54.9984033	C ₃ F
68.9952098	CF ₃

Mass Spectrometry Reference Data

Exact Mass	Composition
73.9968065	C ₃ F ₂
80.9952098	C ₂ F ₃
92.9952098	C ₃ F ₃
99.993613	C ₂ F ₄
116.99521	C ₅ F ₃
118.992016	C ₂ F ₅
130.992016	C ₃ F ₅
142.992016	C ₄ F ₅
154.992016	C ₅ F ₅
166.992016	C ₆ F ₅
168.988823	C ₃ F ₇
180.988823	C ₄ F ₇
192.988823	C ₅ F ₇
204.988823	C ₆ F ₇
216.988823	C ₇ F ₇
218.985629	C ₄ F ₉
230.985629	C ₅ F ₉
242.985629	C ₆ F ₉
254.985629	C ₇ F ₉
266.985629	C ₈ F ₉
268.982436	C ₅ F ₁₁
280.982436	C ₆ F ₁₁
292.982436	C ₇ F ₁₁
304.982436	C ₈ F ₁₁
316.982436	C ₉ F ₁₁
318.979242	C ₆ F ₁₃
330.979242	C ₇ F ₁₃

Mass Spectrometry Reference Data

Exact Mass	Composition
342.979242	C ₈ F ₁₃
354.979242	C ₉ F ₁₃
366.979242	C ₁₀ F ₁₃
368.976049	C ₇ F ₁₅
380.976049	C ₈ F ₁₅
392.976049	C ₉ F ₁₅
404.976049	C ₁₀ F ₁₅
416.976049	C ₁₁ F ₁₅
418.972855	C ₈ F ₁₇
430.972855	C ₉ F ₁₇
442.972855	C ₁₀ F ₁₇
454.972855	C ₁₁ F ₁₇
466.972855	C ₁₂ F ₁₇
468.969662	C ₉ F ₁₉
480.969662	C ₁₀ F ₁₉
492.969662	C ₁₁ F ₁₉
504.969662	C ₁₂ F ₁₉
516.969662	C ₁₃ F ₁₉
518.966468	C ₁₀ F ₂₁
530.966468	C ₁₁ F ₂₁
542.966468	C ₁₂ F ₂₁
554.966468	C ₁₃ F ₂₁
566.966468	C ₁₄ F ₂₁
568.963275	C ₁₁ F ₂₃
580.963275	C ₁₂ F ₂₃
592.963275	C ₁₃ F ₂₃
604.963275	C ₁₄ F ₂₃

Mass Spectrometry Reference Data

Exact Mass	Composition
616.963275	C ₁₅ F ₂₃
618.960081	C ₁₂ F ₂₅
630.960081	C ₁₃ F ₂₅
642.960081	C ₁₄ F ₂₅
654.960081	C ₁₅ F ₂₅
666.960081	C ₁₆ F ₂₅
680.956888	C ₁₄ F ₂₇
692.956888	C ₁₅ F ₂₇
704.956888	C ₁₆ F ₂₇
716.956888	C ₁₇ F ₂₇
730.953694	C ₁₅ F ₂₉
742.953694	C ₁₆ F ₂₉
754.953694	C ₁₇ F ₂₉
766.953694	C ₁₈ F ₂₉
780.950501	C ₁₆ F ₂₁
792.950501	C ₁₇ F ₃₁
804.950501	C ₁₈ F ₃₁
816.950501	C ₁₉ F ₃₁
830.947307	C ₁₇ F ₃₃
842.947307	C ₁₈ F ₃₃
854.947307	C ₁₉ F ₃₃
866.947307	C ₂₀ F ₃₃
880.944114	C ₁₈ F ₃₅
892.944114	C ₁₉ F ₃₅
904.944114	C ₂₀ F ₃₅
916.944114	C ₂₁ F ₃₅
930.94092	C ₁₉ F ₃₇

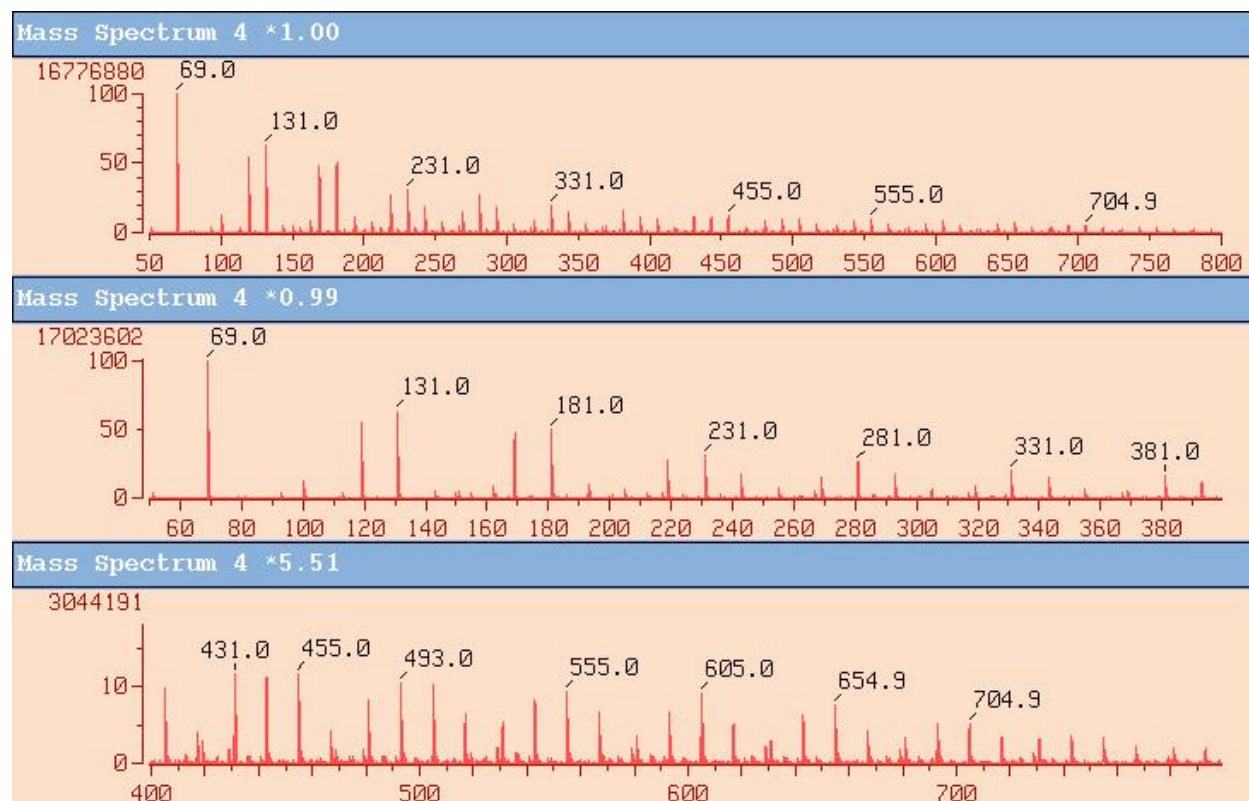
Mass Spectrometry Reference Data

Exact Mass	Composition
942.94092	C ₂₀ F ₃₇
954.94092	C ₂₁ F ₃₇
966.94092	C ₂₂ F ₃₇
980.937727	C ₂₀ F ₃₉
992.937727	C ₂₁ F ₃₉
1004.93773	C ₂₂ F ₃₉
1016.93773	C ₂₃ F ₃₉
1030.93453	C ₂₁ F ₄₁
1042.93453	C ₂₂ F ₄₁
1054.93453	C ₂₃ F ₄₁
1066.93453	C ₂₄ F ₄₁
1080.93134	C ₂₂ F ₄₃
1092.93134	C ₂₃ F ₄₃
1104.93134	C ₂₄ F ₄₃
1116.93134	C ₂₅ F ₄₃
1130.92815	C ₂₃ F ₈₄₅
1142.92815	C ₂₄ F ₄₅
1154.92815	C ₂₅ F ₈₄₅
1166.92815	C ₂₆ F ₄₅
1180.92495	C ₂₄ F ₄₇
1192.92495	C ₂₅ F ₄₇
1204.92495	C ₂₆ F ₄₇
1216.92495	C ₂₇ F ₄₇
1230.92176	C ₂₅ F ₄₉
1242.92176	C ₂₆ F ₄₉
1254.92176	C ₂₇ F ₄₉
1266.92176	C ₂₈ F ₄₉

Mass Spectrometry Reference Data

Exact Mass	Composition
1280.91857	C ₂₆ F ₅₁
1292.91857	C ₂₇ F ₅₁
1304.91857	C ₂₈ F ₅₁
1316.91857	C ₂₉ F ₅₁
1330.91537	C ₂₇ F ₅₃
1342.91537	C ₂₈ F ₅₃
1354.91537	C ₂₉ F ₅₃
1366.91537	C ₃₀ F ₅₃
1380.91218	C ₂₈ F ₅₅
1392.91218	C ₂₉ F ₅₅
1404.91218	C ₃₀ F ₅₅
1416.91218	C ₃₁ F ₅₅
1430.90899	C ₂₉ F ₅₇
1442.90899	C ₃₀ F ₅₇
1454.90899	C ₃₁ F ₅₇
1466.90899	C ₃₂ F ₅₇
1480.90579	C ₃₀ F ₅₉
1492.90579	C ₃₁ F ₅₉
1504.90579	C ₃₂ F ₅₉
1516.90579	C ₃₃ F ₅₉
1530.9026	C ₃₁ F ₆₁
1542.9026	C ₃₂ F ₆₁
1554.9026	C ₃₃ F ₆₁
1566.9026	C ₃₄ F ₆₁

Mass Spectrometry Reference Data



mass spectrum