

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006979.D
 Acq On : 06 Dec 2021 23:54
 Operator : SY/MD
 Sample : M4884-01RE
 Misc : 3.65g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EW9H7RE

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120321SMA.M
 Title : VOC Analysis

Signal : TIC: VY006979.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.046	35	37	38	rBV	718	484	0.11%	0.016%
2	2.083	38	43	50	rVV3	3385	7067	1.62%	0.239%
3	2.247	64	70	78	rBV	31301	53158	12.22%	1.798%
4	2.436	99	101	104	rVB3	661	600	0.14%	0.020%
5	2.766	149	155	168	rVV	21261	53531	12.31%	1.810%
6	2.906	172	178	184	rVV5	4072	8816	2.03%	0.298%
7	2.973	188	189	193	rBV3	609	724	0.17%	0.024%
8	3.326	244	247	249	rBV3	328	388	0.09%	0.013%
9	3.497	271	275	278	rBV2	263	432	0.10%	0.015%
10	3.851	322	333	343	rBV2	34931	97490	22.41%	3.297%
11	4.149	379	382	383	rVV2	432	370	0.09%	0.013%
12	4.192	384	389	398	rVV4	1903	4830	1.11%	0.163%
13	4.704	462	473	474	rBV	14563	23141	5.32%	0.783%
14	4.912	500	507	510	rBV4	712	1454	0.33%	0.049%
15	5.253	555	563	564	rVV4	625	1639	0.38%	0.055%
16	5.271	564	566	573	rVB	311	394	0.09%	0.013%
17	5.539	608	610	613	rBV3	252	355	0.08%	0.012%
18	5.735	635	642	643	rBV3	2074	2981	0.69%	0.101%
19	6.491	764	766	769	rBV	270	402	0.09%	0.014%
20	6.789	805	815	820	rBV5	1641	4315	0.99%	0.146%
21	6.887	822	831	840	rVV	30111	85536	19.66%	2.893%
22	6.978	841	846	862	rVV3	6888	21369	4.91%	0.723%
23	7.326	899	903	906	rBV3	362	653	0.15%	0.022%
24	7.478	919	928	945	rVB	77696	188708	43.38%	6.382%
25	7.600	945	948	951	rVB2	231	335	0.08%	0.011%
26	7.710	963	966	969	rBV2	410	586	0.13%	0.020%
27	7.771	969	976	978	rBV3	1528	2872	0.66%	0.097%
28	8.002	1012	1014	1017	rVB2	499	442	0.10%	0.015%
29	8.112	1022	1032	1047	rBV2	135674	434982	100.00%	14.710%
30	8.234	1047	1052	1060	rVB2	6014	12808	2.94%	0.433%
31	8.350	1066	1071	1075	rBV2	600	956	0.22%	0.032%
32	8.411	1078	1081	1084	rBV3	460	669	0.15%	0.023%
33	8.545	1095	1103	1107	rBV8	1178	2086	0.48%	0.071%
34	8.691	1117	1127	1138	rVV	165717	325477	74.83%	11.007%
35	8.771	1138	1140	1142	rVV2	458	410	0.09%	0.014%
36	8.838	1149	1151	1154	rVV2	316	312	0.07%	0.011%

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 Title : VOC Analysis

37	8.935	1157	1167	1172	rVV5	2494	5723	1.32%	0.194%
38	8.978	1172	1174	1176	rVV	334	353	0.08%	0.012%
39	9.118	1190	1197	1205	rBV	106456	212623	48.88%	7.190%
40	9.179	1205	1207	1213	rVB5	5316	7834	1.80%	0.265%
41	9.362	1234	1237	1239	rBV3	635	758	0.17%	0.026%
42	9.514	1257	1262	1266	rBV3	885	1463	0.34%	0.049%
43	9.612	1274	1278	1280	rVB	375	434	0.10%	0.015%
44	9.813	1309	1311	1312	rBV	383	324	0.07%	0.011%
45	9.825	1312	1313	1316	rVV	426	441	0.10%	0.015%
46	9.886	1316	1323	1332	rVB	42107	76691	17.63%	2.593%
47	9.972	1332	1337	1343	rBV4	591	1347	0.31%	0.046%
48	10.069	1350	1353	1358	rVB3	1092	1498	0.34%	0.051%
49	10.179	1363	1371	1377	rBV	122468	212483	48.85%	7.186%
50	10.240	1377	1381	1391	rVB	32582	55467	12.75%	1.876%
51	10.362	1398	1401	1407	rBV2	944	1505	0.35%	0.051%
52	10.435	1407	1413	1423	rVB2	28621	47767	10.98%	1.615%
53	10.520	1423	1427	1430	rBV2	383	483	0.11%	0.016%
54	10.575	1430	1436	1444	rVB2	10721	18652	4.29%	0.631%
55	10.630	1444	1445	1448	rVB	375	326	0.07%	0.011%
56	10.789	1464	1471	1478	rBV	77322	127770	29.37%	4.321%
57	10.941	1491	1496	1502	rVV2	10454	16973	3.90%	0.574%
58	10.990	1502	1504	1507	rVB2	467	410	0.09%	0.014%
59	11.026	1507	1510	1511	rBV3	573	600	0.14%	0.020%
60	11.087	1516	1520	1523	rBV	660	587	0.13%	0.020%
61	11.173	1530	1534	1535	rVB3	294	366	0.08%	0.012%
62	11.197	1535	1538	1541	rBV3	477	608	0.14%	0.021%
63	11.319	1552	1558	1564	rVB2	9629	15254	3.51%	0.516%
64	11.368	1564	1566	1569	rBV2	313	325	0.07%	0.011%
65	11.490	1577	1586	1593	rBV	160854	259676	59.70%	8.782%
66	11.593	1598	1603	1608	rVV2	3363	5386	1.24%	0.182%
67	11.697	1614	1620	1629	rVB2	11275	20710	4.76%	0.700%
68	12.026	1668	1674	1681	rBV	8083	13047	3.00%	0.441%
69	12.093	1681	1685	1689	rVB2	219	380	0.09%	0.013%
70	12.124	1689	1690	1694	rBV2	317	318	0.07%	0.011%
71	12.331	1719	1724	1727	rBV3	952	1254	0.29%	0.042%
72	12.489	1742	1750	1755	rVV	57361	91597	21.06%	3.098%
73	12.557	1755	1761	1769	rVB	82512	131350	30.20%	4.442%
74	12.624	1769	1772	1776	rBV2	256	393	0.09%	0.013%
75	12.666	1776	1779	1783	rVB3	365	542	0.12%	0.018%
76	12.733	1786	1790	1792	rBV3	1061	1287	0.30%	0.044%

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77	12.819	1798	1804	1811	rVB3	5225	8905	2.05%	0.301%
78	12.904	1814	1818	1821	rBV2	253	300	0.07%	0.010%
79	12.959	1824	1827	1834	rBV3	716	1258	0.29%	0.043%
80	13.069	1842	1845	1848	rBV3	647	853	0.20%	0.029%
81	13.117	1848	1853	1858	rVV2	2222	3153	0.72%	0.107%
82	13.178	1858	1863	1868	rVB3	5621	8667	1.99%	0.293%
83	13.282	1875	1880	1881	rBV4	829	1040	0.24%	0.035%
84	13.312	1884	1885	1888	rVB	565	318	0.07%	0.011%
85	13.343	1888	1890	1892	rBV2	413	502	0.12%	0.017%
86	13.422	1897	1903	1909	rBV	65969	97881	22.50%	3.310%
87	13.526	1915	1920	1926	rVB2	4209	6806	1.56%	0.230%
88	13.617	1933	1935	1937	rBV2	498	684	0.16%	0.023%
89	13.642	1937	1939	1941	rVB2	655	559	0.13%	0.019%
90	13.721	1946	1952	1958	rBV	52074	81409	18.72%	2.753%
91	13.892	1978	1980	1982	rBV2	517	424	0.10%	0.014%
92	13.959	1982	1991	1997	rVV2	19850	36350	8.36%	1.229%
93	14.044	2003	2005	2007	rBV3	460	343	0.08%	0.012%
94	14.203	2029	2031	2033	rBV3	854	845	0.19%	0.029%
95	14.257	2037	2040	2045	rVB6	1013	1452	0.33%	0.049%
96	15.154	2186	2187	2188	rBV	994	381	0.09%	0.013%
97	15.239	2197	2201	2205	rVB3	2368	3337	0.77%	0.113%
98	15.306	2210	2212	2218	rVB4	1815	2800	0.64%	0.095%
99	15.385	2220	2225	2231	rVB2	11667	21949	5.05%	0.742%
100	16.525	2410	2412	2413	rBV	1523	1070	0.25%	0.036%

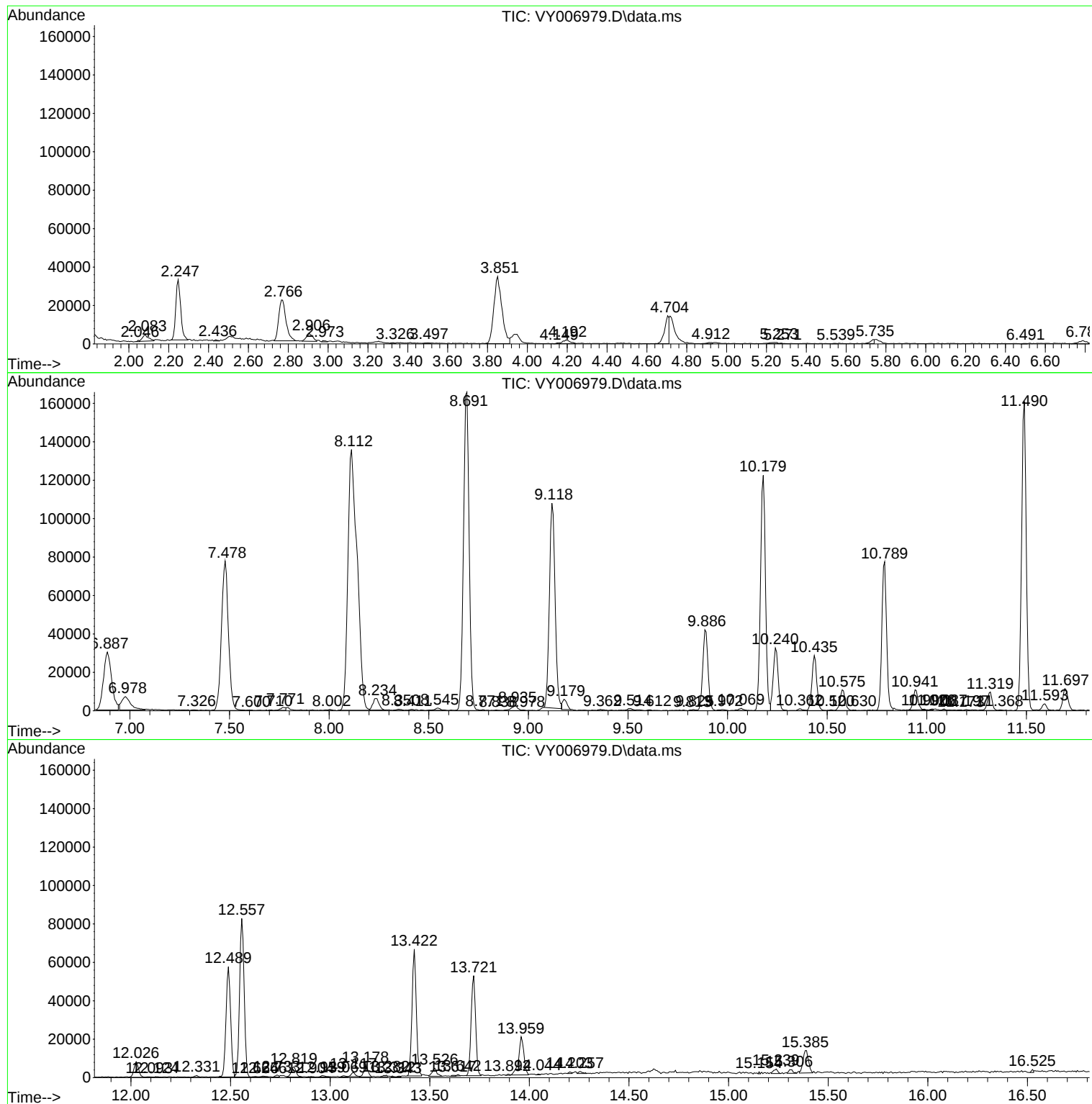
Sum of corrected areas: 2957063

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMLYM120321SMA.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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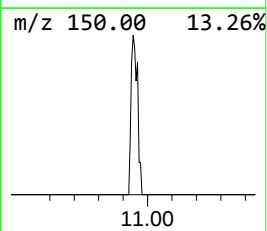
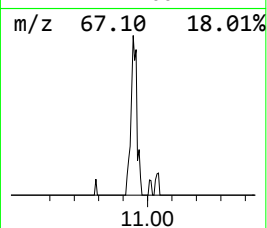
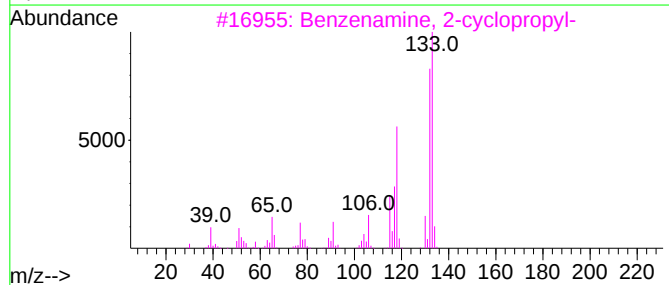
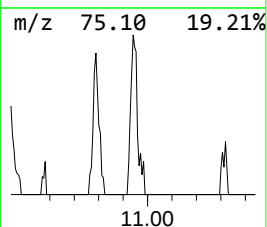
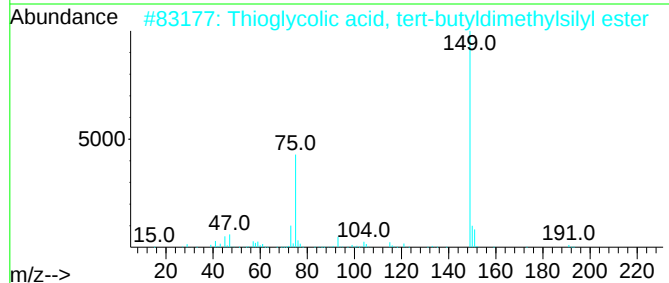
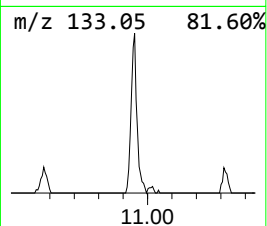
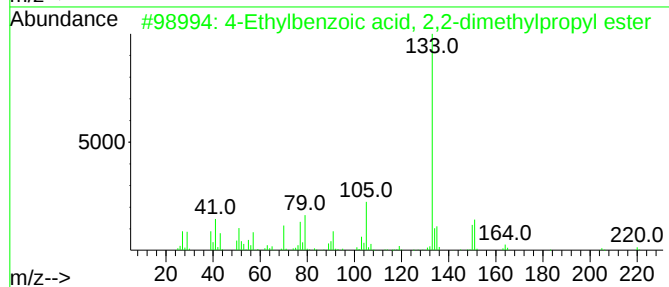
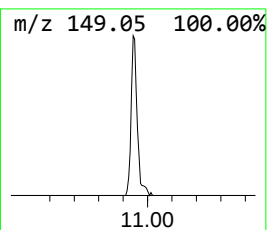
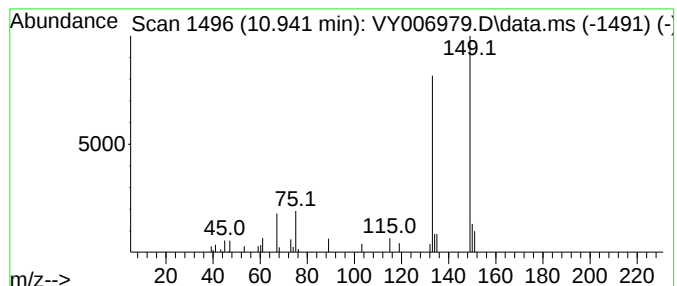
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120321SMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.941	1.63 ug/L	16973	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Ethylbenzoic acid, 2,2-dimethy...	220	C14H20O2	1000293-49-5	38
2			Thioglycolic acid, tert-butyldim...	206	C8H18O2SSi	1000476-01-2	37
3			Benzenamine, 2-cyclopropyl-	133	C9H11N	1000327-33-3	27
4			1H-Indole-3-thiol	149	C8H7NS	000480-94-4	25
5			2H-Indol-2-one, 1,3-dihydro-5-hy...	149	C8H7NO2	003416-18-0	25



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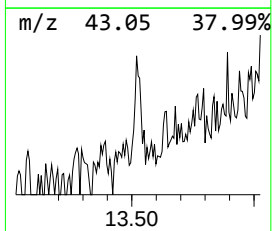
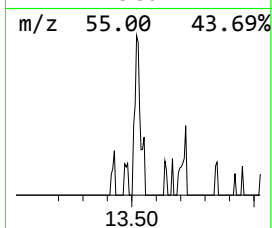
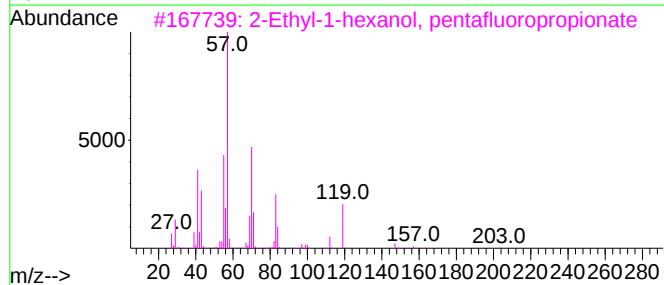
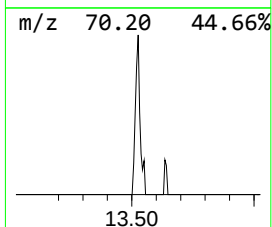
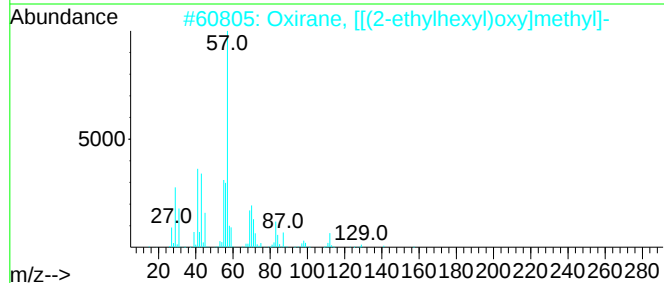
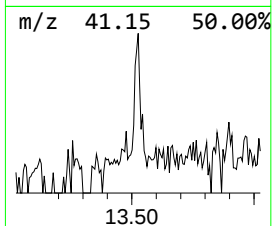
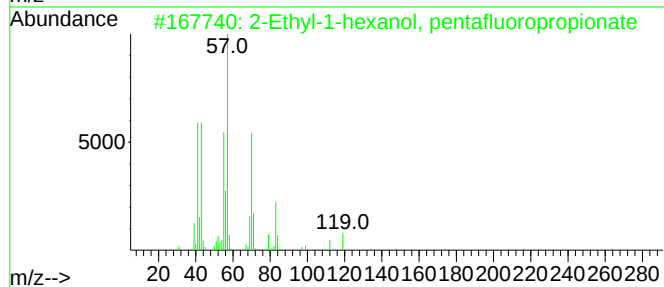
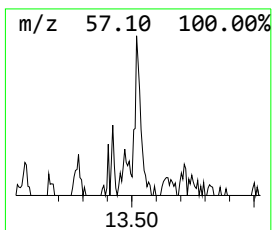
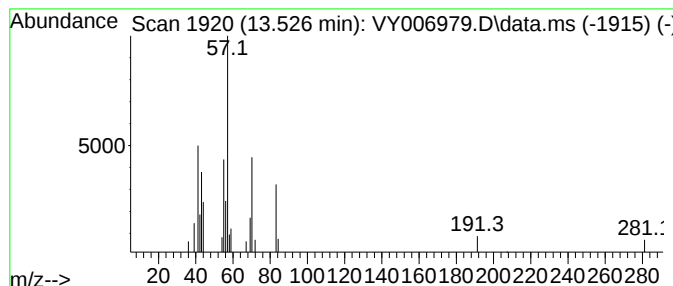
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TIC Library : C:\Database\NIST20.L
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Peak Number 9 2-Ethyl-1-hexanol, pentaflu... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.526	1.74 ug/L	6806	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Ethyl-1-hexanol, pentafluoropr...	276	C11H17F5O2	959012-82-9	50
2			Oxirane, [[(2-ethylhexyl)oxy]met...	186	C11H22O2	002461-15-6	47
3			2-Ethyl-1-hexanol, pentafluoropr...	276	C11H17F5O2	959012-82-9	42
4			1-Hexanethiol, 2-ethyl-	146	C8H18S	007341-17-5	37
5			2-Ethyl-1-hexanol, heptafluorobu...	326	C12H17F7O2	1000365-16-0	37



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	10.941	1.6	ug/L	16973	2	11.490	259676	25.0
2-Ethyl-1-hexan...	13.526	1.7	ug/L	6806	3	13.422	97881	25.0