

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
 Data File : VW023270.D
 Acq On : 24 May 2022 14:23
 Operator : SY/VA
 Sample : N2996-09
 Misc : 5.44g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBGT2

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_W\Method\SFAMWLM050222SMA.M
 Title : SFAM01.0

Signal : TIC: VW023270.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.160	36	42	49	rBV2	49020	93451	7.02%	0.800%
2	2.349	68	73	83	rBV	137982	218816	16.44%	1.873%
3	2.879	154	160	169	rVB	73000	148315	11.14%	1.269%
4	3.215	213	215	218	rVB2	1623	1585	0.12%	0.014%
5	3.379	237	242	248	rBV4	4442	11453	0.86%	0.098%
6	3.477	256	258	261	rVB3	1359	1387	0.10%	0.012%
7	3.532	265	267	270	rVV3	1530	2130	0.16%	0.018%
8	3.818	311	314	315	rBV3	1368	1451	0.11%	0.012%
9	4.019	334	347	358	rBV	129327	388774	29.21%	3.327%
10	4.123	358	364	372	rVB2	8721	24089	1.81%	0.206%
11	4.251	383	385	390	rVB3	2223	2384	0.18%	0.020%
12	4.458	417	419	423	rVB3	1211	1700	0.13%	0.015%
13	4.507	423	427	431	rBV6	1378	2041	0.15%	0.017%
14	4.629	444	447	448	rBV2	1235	1430	0.11%	0.012%
15	4.684	451	456	457	rBV3	1695	1833	0.14%	0.016%
16	4.818	476	478	482	rVB4	1084	1336	0.10%	0.011%
17	4.909	482	493	497	rBV7	8455	23930	1.80%	0.205%
18	5.013	508	510	513	rVB4	1496	1426	0.11%	0.012%
19	5.123	516	528	539	rBV2	9296	41817	3.14%	0.358%
20	5.537	595	596	599	rBV2	1179	1418	0.11%	0.012%
21	5.574	601	602	607	rVB4	1348	1377	0.10%	0.012%
22	5.696	619	622	625	rBV3	1170	1680	0.13%	0.014%
23	5.732	625	628	629	rBV3	1358	1366	0.10%	0.012%
24	5.781	633	636	640	rVB5	959	1466	0.11%	0.013%
25	5.848	644	647	649	rVB3	1546	1321	0.10%	0.011%
26	5.891	652	654	656	rBV3	1634	1970	0.15%	0.017%
27	5.940	656	662	672	rVB5	4750	15728	1.18%	0.135%
28	6.025	672	676	680	rBV5	1629	1983	0.15%	0.017%
29	6.433	738	743	746	rBV5	1305	2301	0.17%	0.020%
30	6.470	746	749	753	rBV5	1106	1598	0.12%	0.014%
31	6.751	791	795	797	rBV4	1162	1433	0.11%	0.012%
32	6.805	803	804	808	rVB4	1632	1599	0.12%	0.014%
33	6.860	811	813	817	rBV4	1385	1389	0.10%	0.012%
34	6.915	817	822	825	rBV5	1607	2717	0.20%	0.023%
35	6.970	828	831	833	rBV3	1481	1658	0.12%	0.014%
36	7.074	840	848	853	rBV	60491	162514	12.21%	1.391%

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Integrator: RTE

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Title : SFAM01.0

37	7.141	855	859	873	rVV	65879	176636	13.27%	1.512%
38	7.257	875	878	885	rVV5	4758	11447	0.86%	0.098%
39	7.537	920	924	928	rBV5	1656	3758	0.28%	0.032%
40	7.647	933	942	954	rVV	239059	587058	44.10%	5.024%
41	7.909	979	985	986	rBV5	2149	3103	0.23%	0.027%
42	7.933	986	989	998	rVB8	3629	9176	0.69%	0.079%
43	8.025	1002	1004	1009	rVB5	1397	1581	0.12%	0.014%
44	8.153	1020	1025	1028	rVB7	2337	3575	0.27%	0.031%
45	8.275	1035	1045	1061	rBV2	428500	1331079	100.00%	11.391%
46	8.506	1080	1083	1085	rBV4	1553	1679	0.13%	0.014%
47	8.695	1107	1114	1118	rBV8	3758	9066	0.68%	0.078%
48	8.842	1130	1138	1149	rVV	427345	837239	62.90%	7.165%
49	9.085	1170	1178	1179	rBV7	3961	7055	0.53%	0.060%
50	9.274	1200	1209	1217	rBV	310583	633665	47.61%	5.423%
51	9.518	1246	1249	1253	rBV6	1652	2532	0.19%	0.022%
52	9.616	1262	1265	1268	rVB5	1265	1306	0.10%	0.011%
53	9.665	1271	1273	1276	rVB4	1788	1462	0.11%	0.013%
54	9.890	1307	1310	1313	rVB4	1482	1418	0.11%	0.012%
55	10.037	1327	1334	1343	rVV	163091	297759	22.37%	2.548%
56	10.122	1345	1348	1349	rVV2	2935	2711	0.20%	0.023%
57	10.140	1349	1351	1354	rVB3	2663	2236	0.17%	0.019%
58	10.238	1365	1367	1372	rVB4	976	1482	0.11%	0.013%
59	10.323	1372	1381	1388	rBV	632628	1105505	83.05%	9.460%
60	10.390	1388	1392	1396	rVV	16813	28329	2.13%	0.242%
61	10.506	1406	1411	1415	rVB8	3175	5891	0.44%	0.050%
62	10.579	1415	1423	1432	rBV	107896	192731	14.48%	1.649%
63	10.701	1437	1443	1450	rVB2	40348	73701	5.54%	0.631%
64	10.920	1472	1479	1493	rVV	249470	429470	32.26%	3.675%
65	11.067	1500	1503	1507	rVB5	2357	3255	0.24%	0.028%
66	11.225	1527	1529	1534	rVB4	2490	3538	0.27%	0.030%
67	11.329	1540	1546	1551	rVB8	2357	4402	0.33%	0.038%
68	11.426	1560	1562	1565	rBV3	2134	3060	0.23%	0.026%
69	11.506	1572	1575	1579	rVB5	2930	4238	0.32%	0.036%
70	11.628	1586	1595	1605	rBV	616457	1070071	80.39%	9.157%
71	11.719	1607	1610	1615	rVB5	3950	8234	0.62%	0.070%
72	11.835	1622	1629	1632	rBV7	8911	19184	1.44%	0.164%
73	11.969	1647	1651	1657	rBV9	3391	7260	0.55%	0.062%
74	12.140	1671	1679	1685	rBV6	11558	35241	2.65%	0.302%
75	12.359	1702	1715	1722	rBV7	24738	78786	5.92%	0.674%
76	12.603	1749	1755	1763	rVB	249177	401284	30.15%	3.434%

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77	12.688	1763	1769	1779	rBV	340941	584805	43.93%	5.005%
78	12.774	1779	1783	1790	rVB5	26124	51641	3.88%	0.442%
79	12.859	1790	1797	1801	rBV7	13403	29744	2.23%	0.255%
80	12.932	1805	1809	1817	rVB7	17350	39363	2.96%	0.337%
81	13.079	1830	1833	1836	rBV5	5570	8053	0.60%	0.069%
82	13.164	1844	1847	1856	rVB9	8213	20162	1.51%	0.173%
83	13.249	1857	1861	1865	rBV2	11479	17779	1.34%	0.152%
84	13.554	1904	1911	1919	rBV	704717	1140962	85.72%	9.764%
85	13.646	1922	1926	1931	rVV4	14432	25087	1.88%	0.215%
86	13.694	1931	1934	1938	rVB5	11100	17406	1.31%	0.149%
87	13.853	1953	1960	1971	rVB	599165	1035446	77.79%	8.861%
88	14.066	1990	1995	2001	rVB	48351	81644	6.13%	0.699%
89	14.322	2034	2037	2042	rVB7	8211	11784	0.89%	0.101%
90	14.383	2043	2047	2050	rVB6	10063	12884	0.97%	0.110%
91	14.542	2070	2073	2078	rVB6	9373	15388	1.16%	0.132%
92	14.920	2133	2135	2138	rBV4	1483	1626	0.12%	0.014%
93	15.158	2173	2174	2177	rVB3	1893	1434	0.11%	0.012%
94	15.712	2261	2265	2270	rBV6	2162	5016	0.38%	0.043%
95	15.792	2275	2278	2279	rBV3	2141	1900	0.14%	0.016%
96	15.932	2300	2301	2305	rBV5	1793	2412	0.18%	0.021%
97	16.243	2349	2352	2355	rBV3	1357	1822	0.14%	0.016%
98	16.395	2374	2377	2379	rBV3	1274	1746	0.13%	0.015%
99	16.432	2381	2383	2385	rBV3	1468	1548	0.12%	0.013%
100	16.596	2407	2410	2411	rBV3	1704	1811	0.14%	0.015%

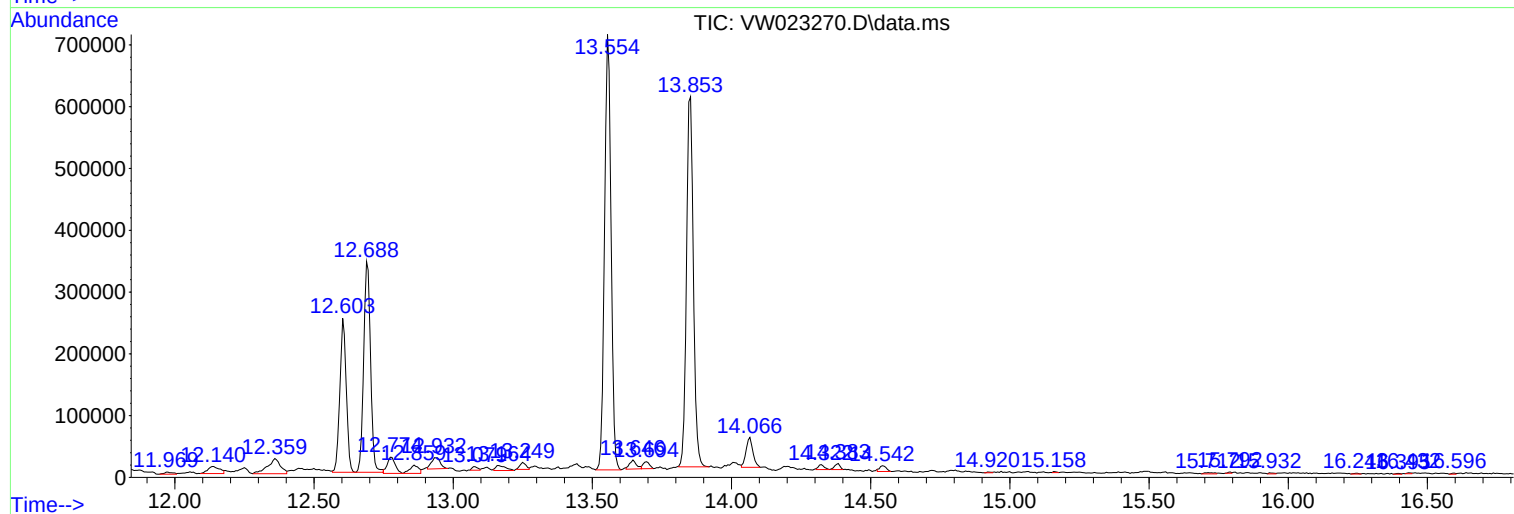
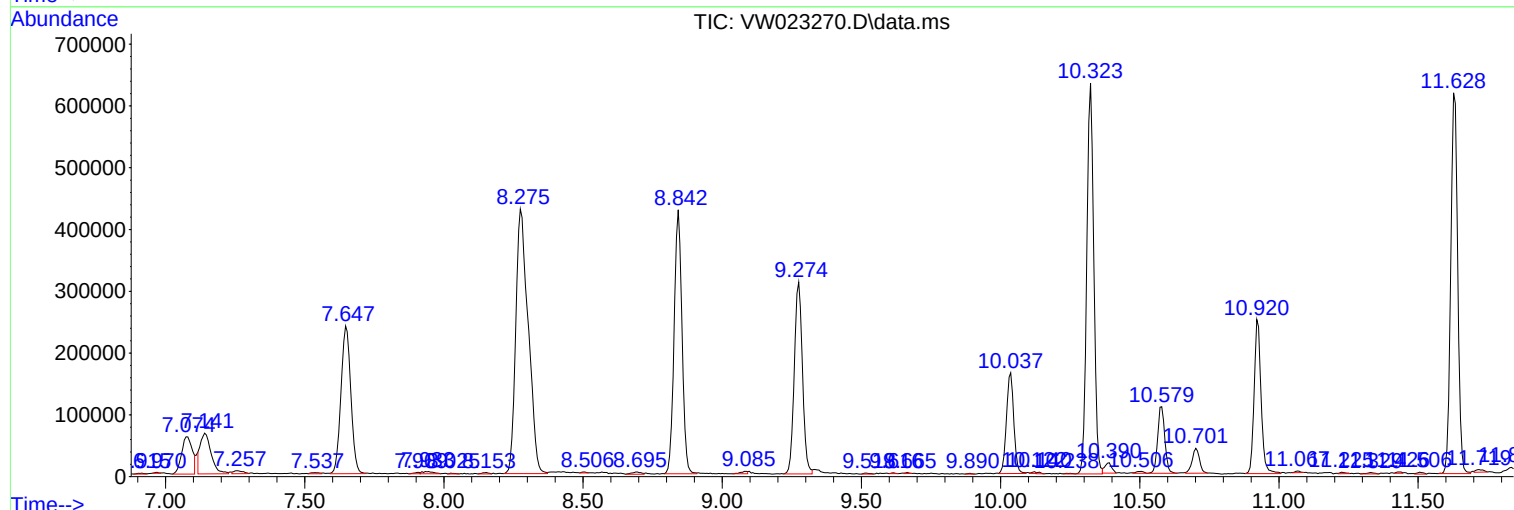
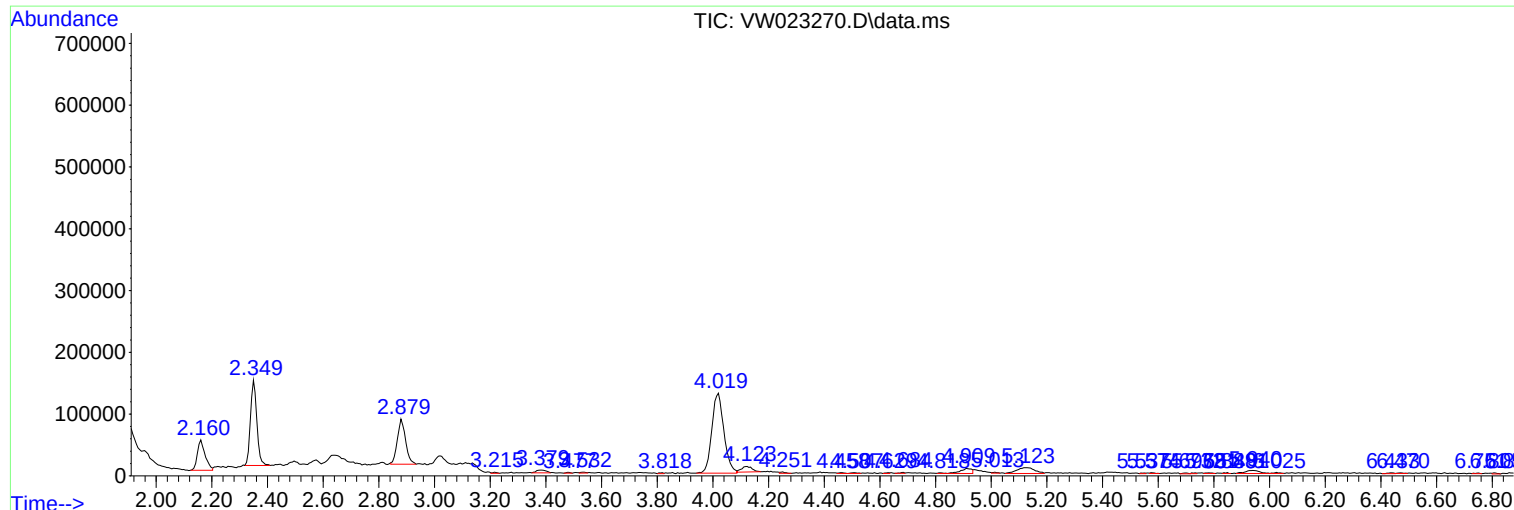
Sum of corrected areas: 11685532

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

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



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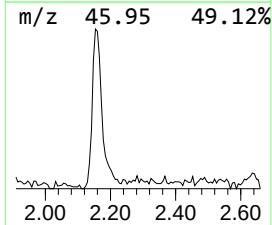
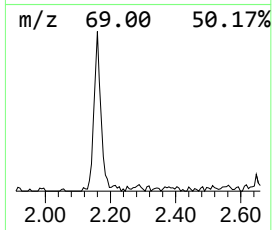
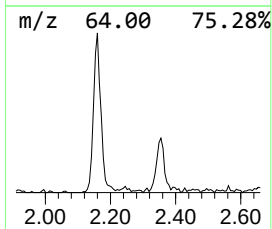
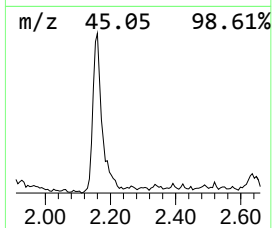
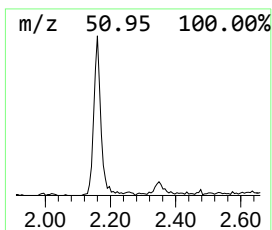
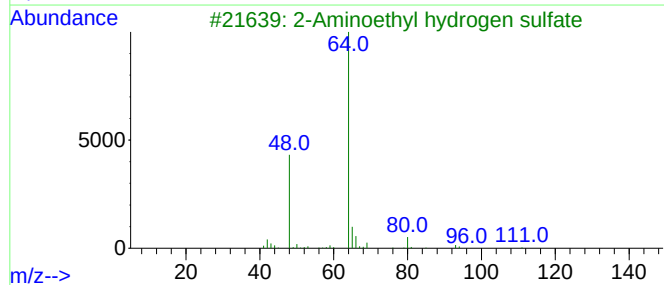
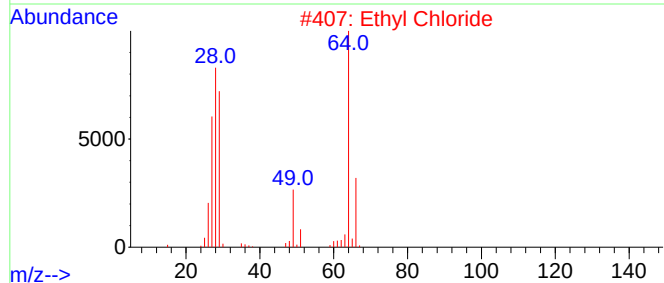
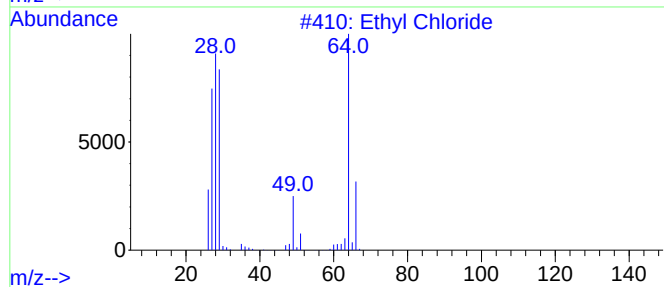
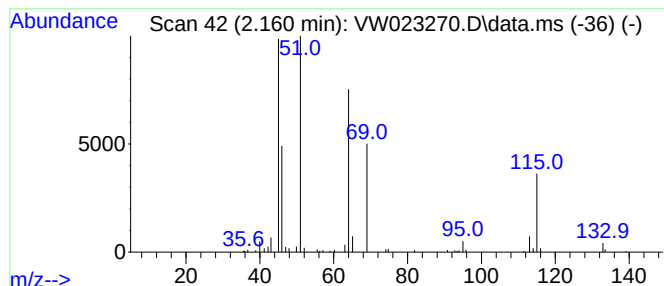
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.160	2.79 ug/L	93451	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethyl Chloride	64	C2H5Cl	000075-00-3	27
2			Ethyl Chloride	64	C2H5Cl	000075-00-3	12
3			2-Aminoethyl hydrogen sulfate	141	C2H7NO4S	000926-39-6	12
4			Enflurane	184	C3H2ClF5O	013838-16-9	9
5			Tetrafluoroformamidine	116	CF4N2	014362-70-0	7



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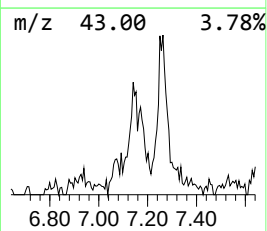
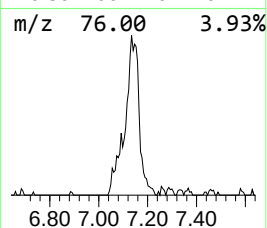
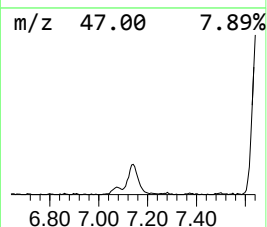
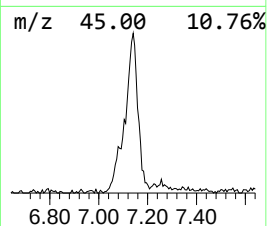
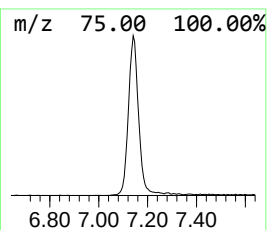
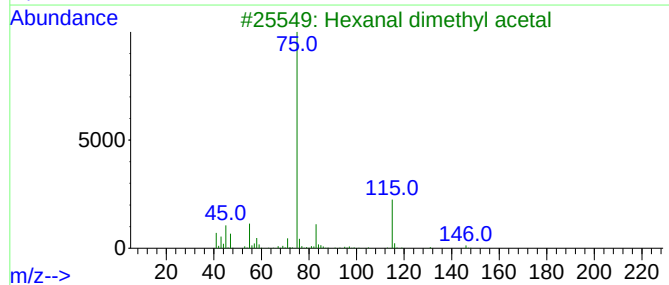
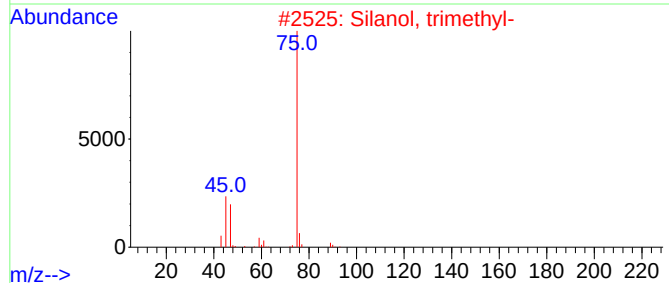
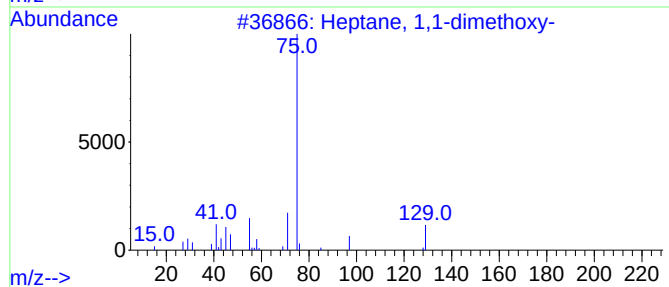
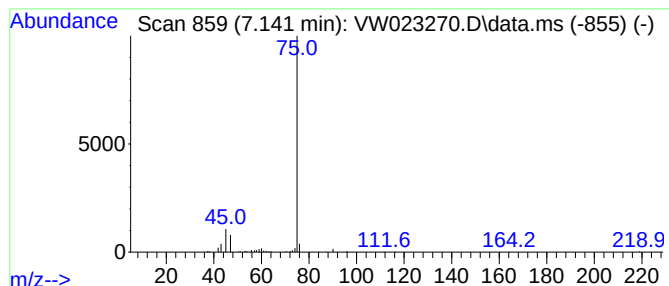
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

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

Peak Number 2 unknown-02 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.141	5.27 ug/L	176636	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptane, 1,1-dimethoxy-	160	C9H20O2	010032-05-0	40
2			Silanol, trimethyl-	90	C3H10OSi	001066-40-6	9
3			Hexanal dimethyl acetal	146	C8H18O2	001599-47-9	9
4			Ethane, 1,1,2-trimethoxy-	120	C5H12O3	024332-20-5	9
5			Decanal dimethyl acetal	202	C12H26O2	007779-41-1	9



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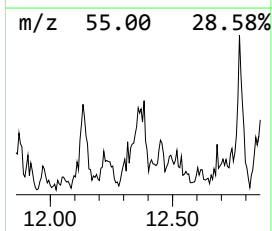
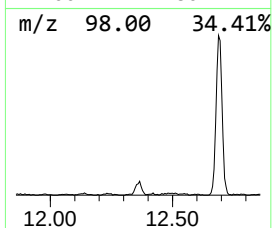
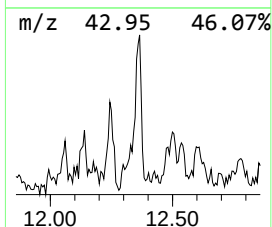
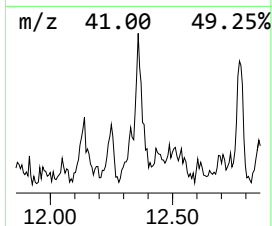
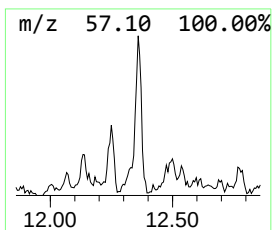
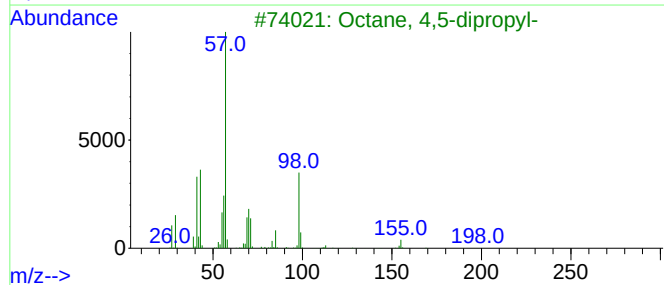
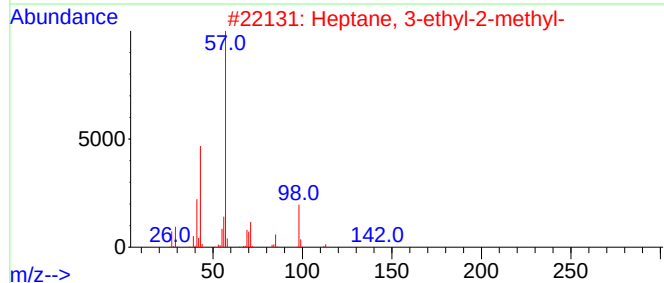
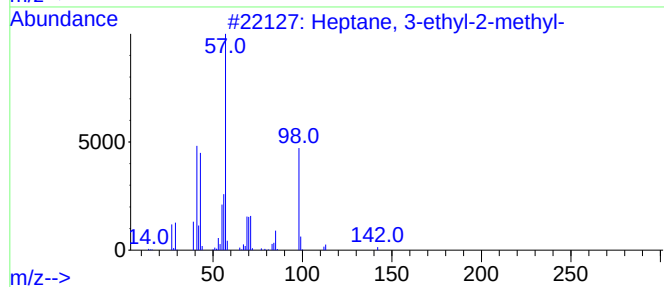
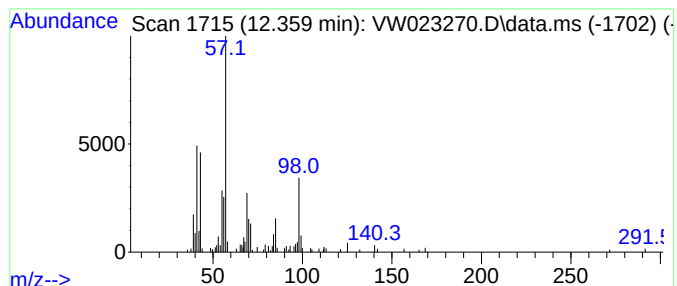
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.359	1.84 ug/L	78786	Chlorobenzene-d5	11.634

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	76
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
3		Octane, 4,5-dipropyl-	198	C14H30	020905-05-9	53
4		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50
5		Decyl isobutyl carbonate	258	C15H30O3	959226-07-4	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
Data File : VW023270.D
Acq On : 24 May 2022 14:23
Operator : SY/VA
Sample : N2996-09
Misc : 5.44g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GBGT2

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	2.160	2.8	ug/L	93451	1	8.842	837239	25.0
unknown-02	7.141	5.3	ug/L	176636	1	8.842	837239	25.0
(DEL) Alkane: S...	12.359	1.8	ug/L	78786	2	11.634	1070070	25.0