

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
 Data File : VY006971.D
 Acq On : 06 Dec 2021 19:09
 Operator : SY/MD
 Sample : M4887-19
 Misc : 6.36g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EX8D1

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: VY006971.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.077	40	42	44	rVB	585	375	0.10%	0.016%
2	2.095	44	45	46	rBV	770	472	0.12%	0.020%
3	2.241	64	69	77	rBV	42674	75538	19.30%	3.219%
4	2.503	107	112	114	rBV3	2226	3390	0.87%	0.144%
5	2.766	146	155	169	rBV	24253	61365	15.68%	2.615%
6	3.363	251	253	258	rVB4	273	353	0.09%	0.015%
7	3.455	265	268	274	rBV4	304	512	0.13%	0.022%
8	3.558	282	285	290	rVB2	241	493	0.13%	0.021%
9	3.851	320	333	346	rBV3	39569	125619	32.09%	5.353%
10	3.991	355	356	359	rVB2	507	320	0.08%	0.014%
11	4.095	371	373	376	rBV	285	328	0.08%	0.014%
12	4.137	376	380	381	rBV2	341	337	0.09%	0.014%
13	4.192	382	389	395	rVV3	1503	3987	1.02%	0.170%
14	4.345	410	414	416	rBV	256	334	0.09%	0.014%
15	4.710	465	474	491	rVB2	9738	32172	8.22%	1.371%
16	4.899	502	505	507	rBV2	340	454	0.12%	0.019%
17	4.924	507	509	512	rVV4	452	573	0.15%	0.024%
18	5.302	569	571	574	rVB2	362	380	0.10%	0.016%
19	5.338	574	577	579	rBV2	399	586	0.15%	0.025%
20	5.491	599	602	605	rBV	285	398	0.10%	0.017%
21	5.735	636	642	644	rBV3	1445	2451	0.63%	0.104%
22	5.832	655	658	663	rVV2	223	399	0.10%	0.017%
23	5.985	680	683	686	rBV2	234	346	0.09%	0.015%
24	6.052	690	694	699	rBV3	288	628	0.16%	0.027%
25	6.393	746	750	753	rBV2	225	352	0.09%	0.015%
26	6.436	753	757	758	rVV2	310	296	0.08%	0.013%
27	6.539	770	774	777	rVV2	315	413	0.11%	0.018%
28	6.740	804	807	808	rBV	297	328	0.08%	0.014%
29	6.887	820	831	838	rBV	10527	33703	8.61%	1.436%
30	6.972	838	845	855	rVB2	9269	31148	7.96%	1.327%
31	7.472	916	927	939	rVB	64264	159939	40.86%	6.816%
32	7.765	971	975	977	rBV	241	314	0.08%	0.013%
33	7.990	1007	1012	1014	rBV2	283	319	0.08%	0.014%
34	8.106	1020	1031	1047	rBV2	128235	391438	100.00%	16.682%
35	8.240	1047	1053	1059	rVB3	1974	4376	1.12%	0.186%
36	8.332	1065	1068	1069	rBV2	306	336	0.09%	0.014%

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37	8.344	1069	1070	1073	rVV	272	293	0.07%	0.012%
38	8.417	1079	1082	1084	rBV3	261	298	0.08%	0.013%
39	8.490	1091	1094	1096	rBV3	312	357	0.09%	0.015%
40	8.545	1099	1103	1106	rBV3	247	376	0.10%	0.016%
41	8.685	1118	1126	1136	rVV	111311	219918	56.18%	9.372%
42	8.874	1153	1157	1160	rBV2	230	334	0.09%	0.014%
43	8.935	1160	1167	1175	rVB2	17613	35317	9.02%	1.505%
44	9.118	1183	1197	1207	rBV	85324	167725	42.85%	7.148%
45	9.752	1298	1301	1303	rVV	349	413	0.11%	0.018%
46	9.886	1316	1323	1330	rVV	30811	54443	13.91%	2.320%
47	9.947	1330	1333	1335	rVV3	381	392	0.10%	0.017%
48	10.069	1349	1353	1357	rBV4	765	1450	0.37%	0.062%
49	10.179	1363	1371	1377	rVV	116066	200652	51.26%	8.551%
50	10.240	1377	1381	1387	rVB2	2226	3597	0.92%	0.153%
51	10.374	1399	1403	1407	rBV	265	392	0.10%	0.017%
52	10.435	1407	1413	1420	rBV2	21672	35902	9.17%	1.530%
53	10.575	1429	1436	1443	rBV2	9066	16247	4.15%	0.692%
54	10.715	1454	1459	1464	rBV2	6059	9595	2.45%	0.409%
55	10.789	1464	1471	1485	rVV4	36607	79717	20.37%	3.397%
56	10.892	1485	1488	1491	rVV2	298	413	0.11%	0.018%
57	10.947	1491	1497	1503	rVV2	13604	23499	6.00%	1.001%
58	10.990	1503	1504	1508	rVV2	734	618	0.16%	0.026%
59	11.039	1508	1512	1516	rVB3	384	768	0.20%	0.033%
60	11.203	1537	1539	1543	rVB3	377	379	0.10%	0.016%
61	11.313	1552	1557	1564	rVB2	8041	13640	3.48%	0.581%
62	11.484	1578	1585	1594	rVB	100846	167663	42.83%	7.145%
63	11.587	1600	1602	1608	rVB3	336	548	0.14%	0.023%
64	11.697	1619	1620	1622	rVV	381	341	0.09%	0.015%
65	11.825	1636	1641	1643	rVB3	227	358	0.09%	0.015%
66	11.855	1643	1646	1649	rBV2	256	393	0.10%	0.017%
67	12.026	1668	1674	1678	rBV3	586	1166	0.30%	0.050%
68	12.489	1740	1750	1755	rBV	34434	58280	14.89%	2.484%
69	12.557	1755	1761	1768	rVB	56223	87858	22.44%	3.744%
70	12.624	1768	1772	1774	rBV2	611	1103	0.28%	0.047%
71	12.758	1790	1794	1798	rVV	4055	5906	1.51%	0.252%
72	12.819	1799	1804	1813	rVV2	4593	7904	2.02%	0.337%
73	13.038	1837	1840	1841	rBV	314	326	0.08%	0.014%
74	13.063	1841	1844	1848	rVV4	1431	1972	0.50%	0.084%
75	13.117	1852	1853	1858	rVB3	466	510	0.13%	0.022%
76	13.184	1858	1864	1867	rBV2	2452	4115	1.05%	0.175%

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77	13.282	1876	1880	1885	rVV3	1459	2088	0.53%	0.089%
78	13.343	1888	1890	1893	rVV3	277	306	0.08%	0.013%
79	13.422	1897	1903	1908	rVV	61087	92138	23.54%	3.927%
80	13.483	1908	1913	1916	rVV5	2062	3715	0.95%	0.158%
81	13.526	1916	1920	1925	rVV2	6142	9563	2.44%	0.408%
82	13.581	1925	1929	1932	rVV4	550	869	0.22%	0.037%
83	13.642	1934	1939	1942	rVV3	1520	2287	0.58%	0.097%
84	13.721	1946	1952	1961	rVV	43766	71643	18.30%	3.053%
85	13.812	1965	1967	1968	rVV	367	362	0.09%	0.015%
86	13.855	1971	1974	1976	rVB	565	521	0.13%	0.022%
87	13.898	1978	1981	1983	rBV2	509	456	0.12%	0.019%
88	13.959	1986	1991	2002	rVB	7022	12700	3.24%	0.541%
89	14.075	2009	2010	2013	rBV3	366	347	0.09%	0.015%
90	14.123	2017	2018	2021	rBV	347	334	0.09%	0.014%
91	14.154	2021	2023	2026	rBV3	352	350	0.09%	0.015%
92	14.190	2028	2029	2032	rVB2	508	436	0.11%	0.019%
93	14.251	2036	2039	2040	rBV	547	564	0.14%	0.024%
94	14.721	2114	2116	2120	rVB2	666	700	0.18%	0.030%
95	15.318	2209	2214	2216	rBV6	1366	2291	0.59%	0.098%
96	15.343	2216	2218	2220	rVB2	971	509	0.13%	0.022%
97	15.391	2222	2226	2231	rBV6	1206	2629	0.67%	0.112%
98	15.885	2305	2307	2308	rBV2	704	441	0.11%	0.019%
99	16.044	2331	2333	2336	rVB4	690	802	0.20%	0.034%
100	16.452	2399	2400	2403	rBV2	1061	500	0.13%	0.021%

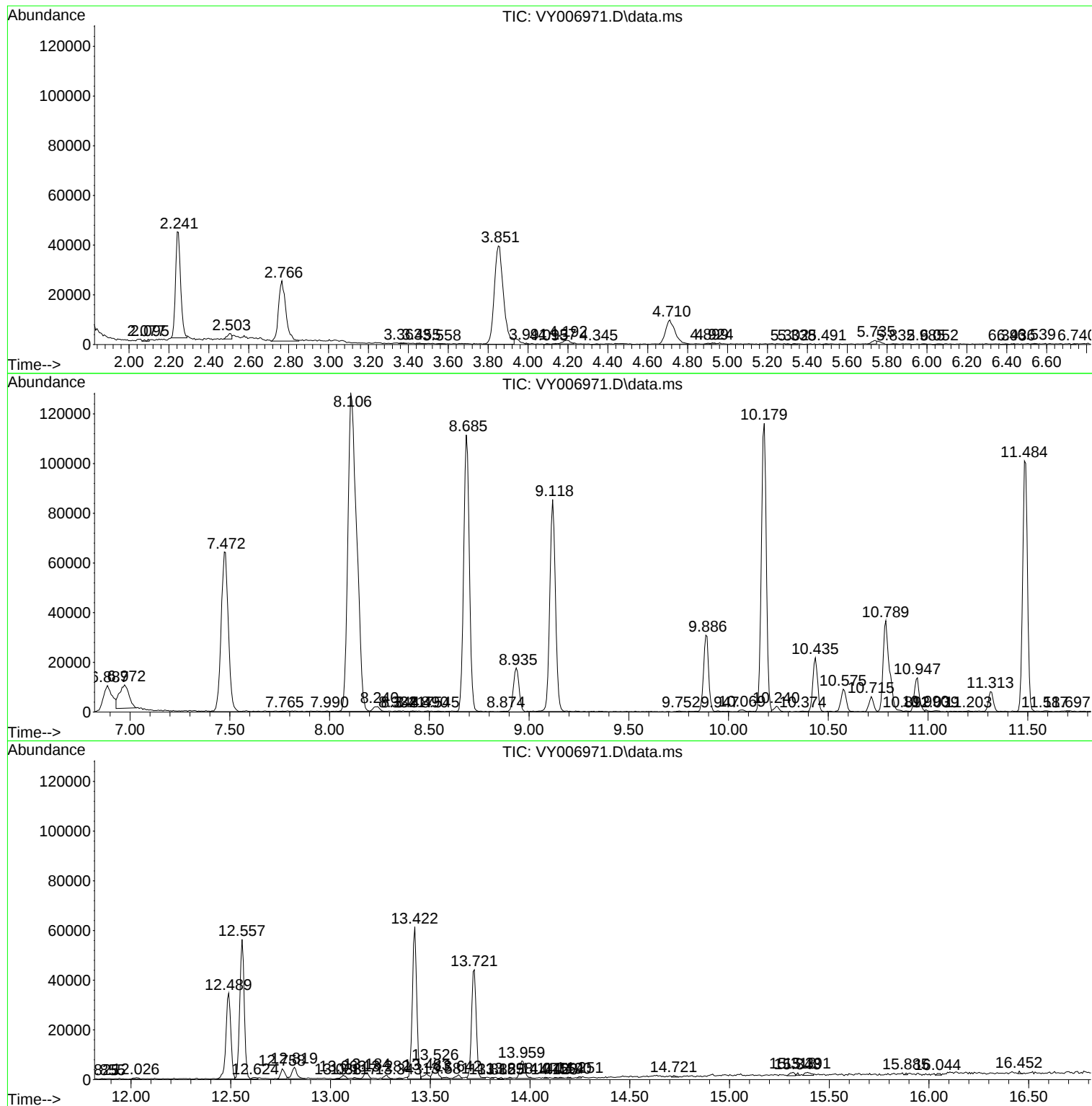
Sum of corrected areas: 2346501

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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



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Instrument :
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ClientSampleId :
EX8D1

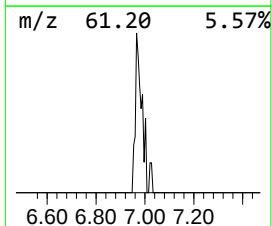
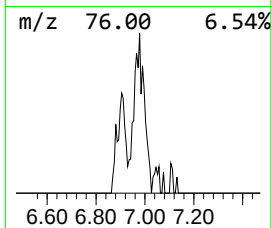
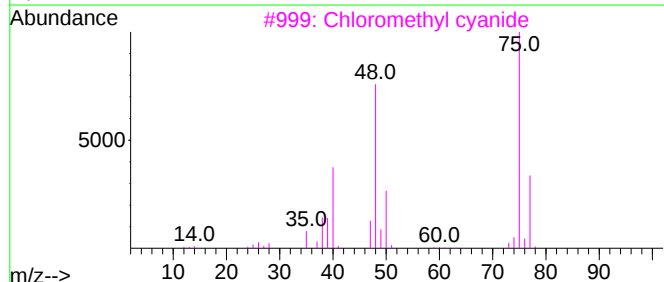
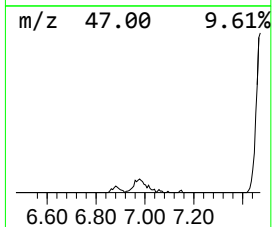
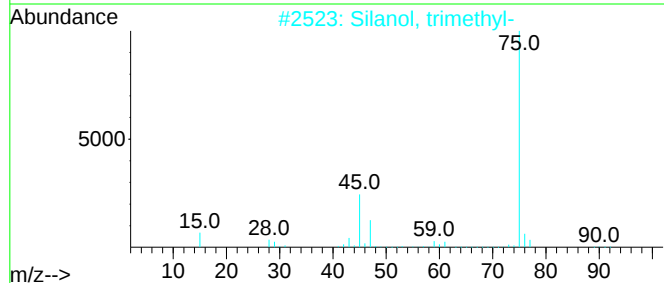
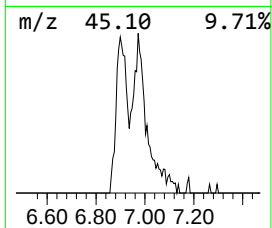
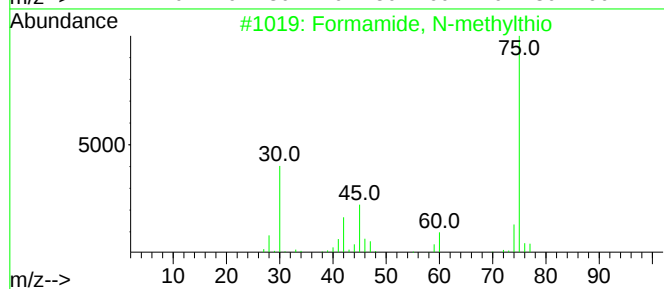
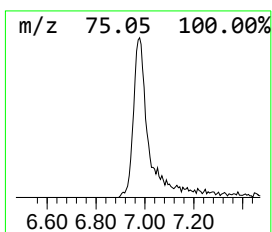
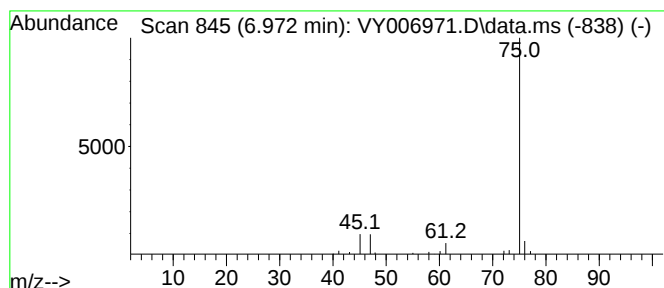
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120321SMA.M
Quant Title : VOC Analysis

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

Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.972	3.54 ug/L	31148	1,4-Difluorobenzene	8.685

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Formamide, N-methylthio	75	C2H5NS	018952-41-5	39
2			Silanol, trimethyl-	90	C3H10OSi	001066-40-6	39
3			Chloromethyl cyanide	75	C2H2ClN	000107-14-2	9
4			Chloromethyl cyanide	75	C2H2ClN	000107-14-2	9
5			Aminoacetaldehyde dimethyl acetal	105	C4H11NO2	022483-09-6	9



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Misc : 6.36g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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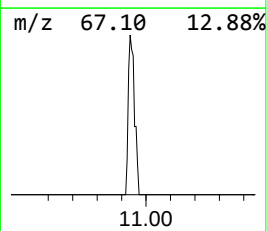
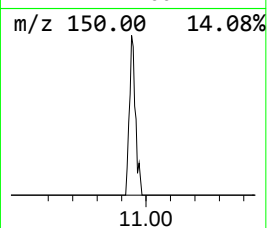
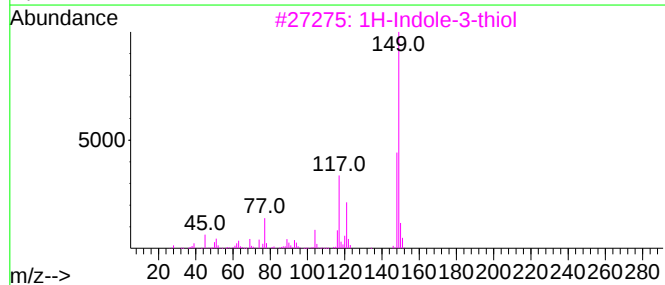
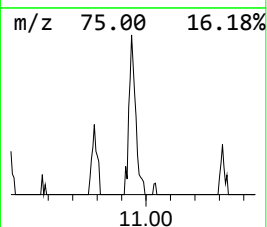
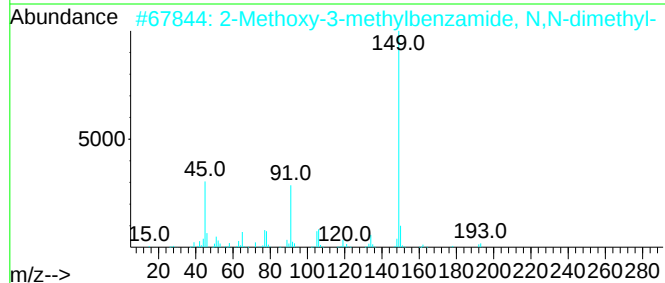
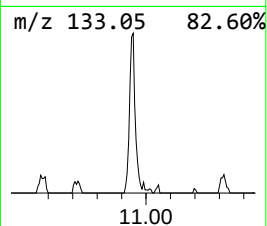
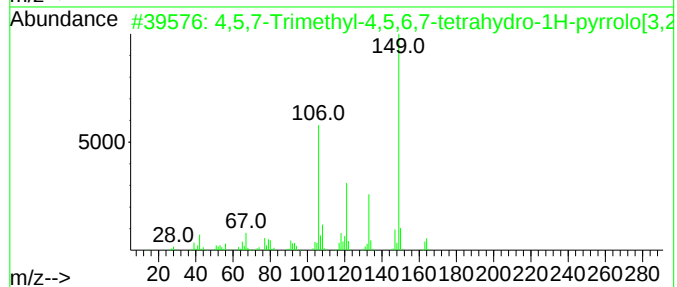
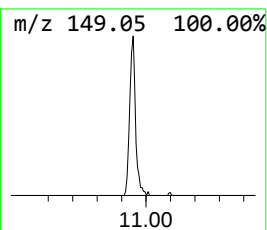
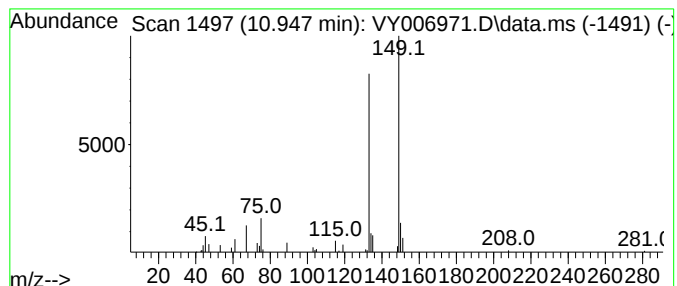
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120321SMA.M
Quant Title : VOC Analysis

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

Peak Number 4 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.947	3.50 ug/L	23499	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,5,7-Trimethyl-4,5,6,7-tetrahyd...	164	C10H16N2	113849-86-8	38		
2	2-Methoxy-3-methylbenzamide, N,N...	193	C11H15NO2	1369798-01-5	38		
3	1H-Indole-3-thiol	149	C8H7NS	000480-94-4	35		
4	(2-Methyl[1,3]dithian-2-yl)methanol	164	C6H12OS2	1000191-37-4	35		
5	4-Ethylbenzoic acid, cyclohexyl ...	232	C15H20O2	1000293-32-1	32		



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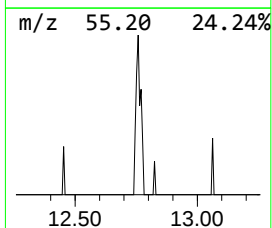
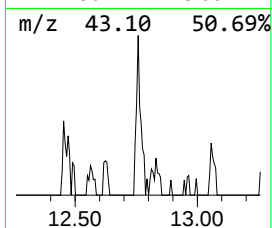
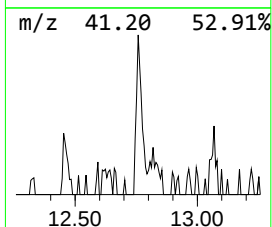
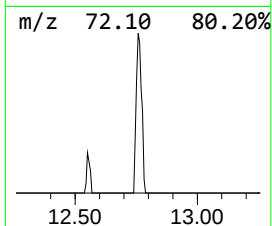
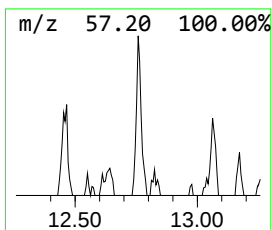
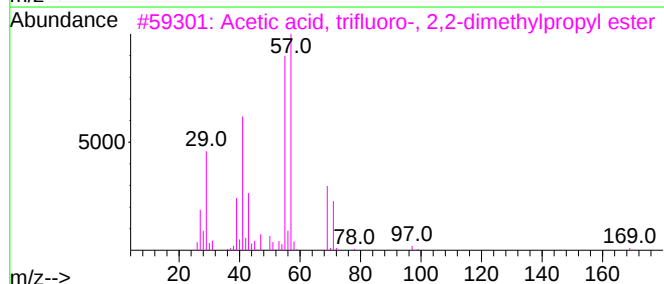
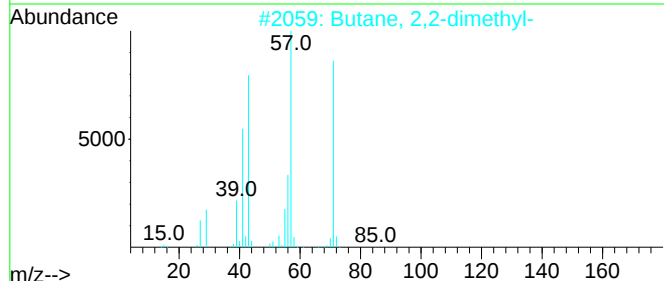
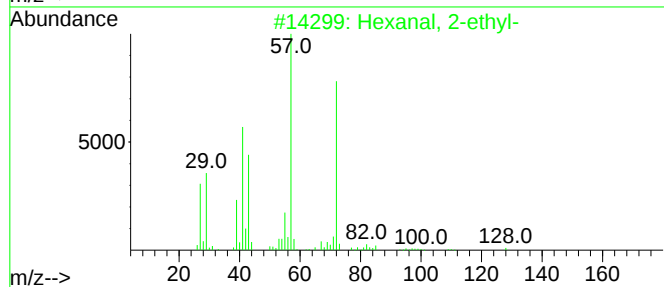
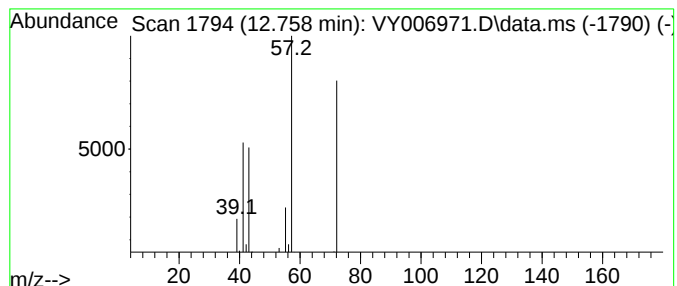
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120321SMA.M
Quant Title : VOC Analysis

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

Peak Number 7 Hexanal, 2-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.758	1.60 ug/L	5906	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexanal, 2-ethyl-	128	C8H16O	000123-05-7	64
2			Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	10
3			Acetic acid, trifluoro-, 2,2-dim...	184	C7H11F3O2	007556-79-8	9
4			Oxalic acid, isobutyl propyl ester	188	C9H16O4	1000309-25-5	9
5			Oxalic acid, allyl heptyl ester	228	C12H20O4	1000309-23-5	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
Data File : VY006971.D
Acq On : 06 Dec 2021 19:09
Operator : SY/MD
Sample : M4887-19
Misc : 6.36g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EX8D1

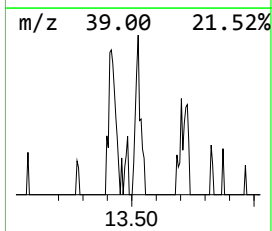
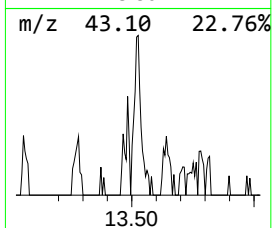
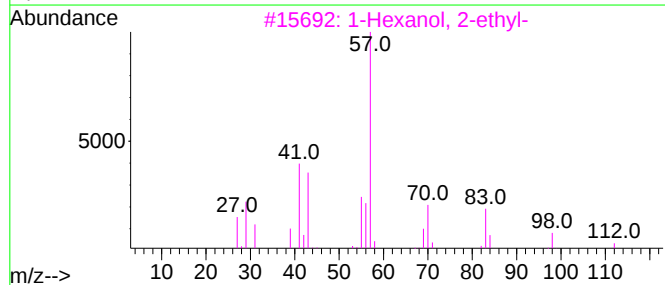
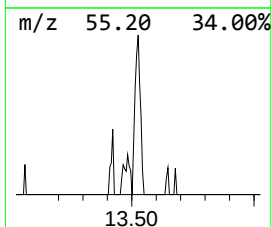
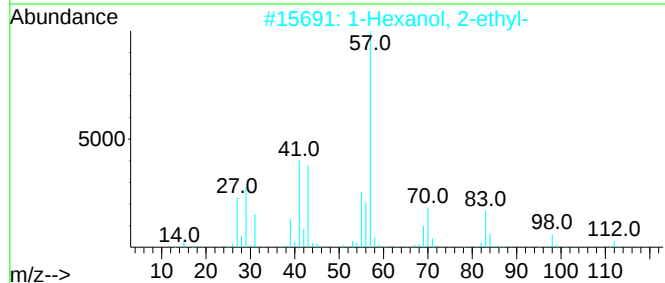
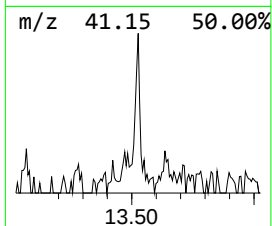
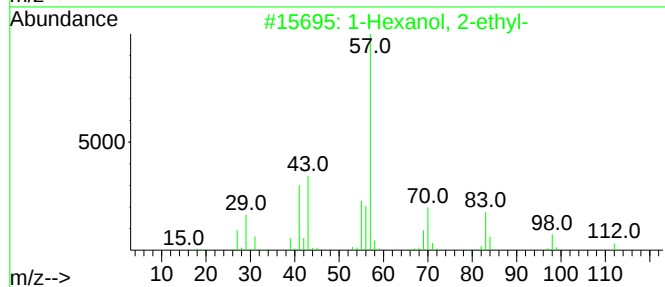
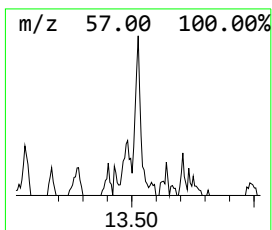
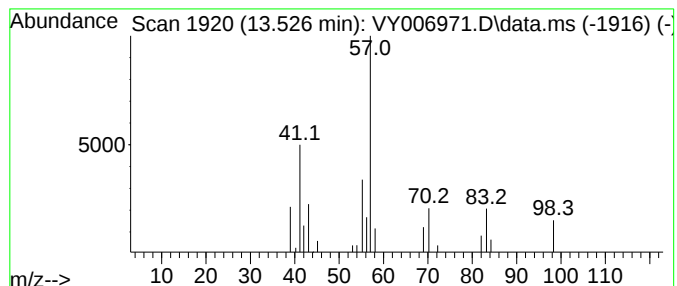
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Quant Title : VOC Analysis

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

Peak Number 9 1-Hexanol, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.526	2.59 ug/L	9563	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
2			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	50
3			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	50
4			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	45
5			1,2-Cyclopentanediol, 3-methyl-	116	C6H12O2	027583-37-5	42



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120621\
Data File : VY006971.D
Acq On : 06 Dec 2021 19:09
Operator : SY/MD
Sample : M4887-19
Misc : 6.36g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EX8D1

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	6.972	3.5	ug/L	31148	1	8.685	219918	25.0
unknown-02	10.947	3.5	ug/L	23499	2	11.490	167663	25.0
Hexanal, 2-ethyl-	12.758	1.6	ug/L	5906	3	13.422	92138	25.0
1-Hexanol, 2-et...	13.526	2.6	ug/L	9563	3	13.422	92138	25.0