

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
 Data File : VY006950.D
 Acq On : 04 Dec 2021 18:21
 Operator : SY/MD
 Sample : M4884-20
 Misc : 3.81g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EW9K4

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\SFAMYLEM120321SMA.M
 Title : VOC Analysis

Signal : TIC: VY006950.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.997	27	29	30	rBV	616	365	0.01%	0.005%
2	2.247	65	70	81	rVB	48987	85021	1.81%	1.146%
3	2.771	148	156	167	rBV	29430	73044	1.55%	0.985%
4	2.893	174	176	178	rBV2	668	506	0.01%	0.007%
5	3.247	233	234	239	rVB3	563	863	0.02%	0.012%
6	3.851	324	333	344	rBV	49684	140116	2.98%	1.889%
7	4.204	383	391	398	rVV3	2915	8345	0.18%	0.112%
8	4.503	438	440	444	rVB2	300	362	0.01%	0.005%
9	4.716	465	475	488	rVV2	9682	28580	0.61%	0.385%
10	5.228	555	559	561	rVB3	385	484	0.01%	0.007%
11	5.747	637	644	652	rVB4	1617	4529	0.10%	0.061%
12	5.832	655	658	661	rBV3	235	345	0.01%	0.005%
13	5.990	682	684	687	rVV2	278	341	0.01%	0.005%
14	6.045	691	693	697	rBV3	362	421	0.01%	0.006%
15	6.582	779	781	785	rVB2	315	458	0.01%	0.006%
16	6.612	785	786	790	rBV	376	534	0.01%	0.007%
17	6.893	821	832	839	rBV	18298	53088	1.13%	0.716%
18	7.210	881	884	888	rVB3	447	480	0.01%	0.006%
19	7.478	918	928	944	rVB	72688	181743	3.87%	2.450%
20	7.789	975	979	985	rVB5	1095	1727	0.04%	0.023%
21	7.984	1009	1011	1014	rVB2	356	439	0.01%	0.006%
22	8.027	1014	1018	1019	rBV2	329	476	0.01%	0.006%
23	8.112	1023	1032	1047	rBV2	147077	445660	9.48%	6.008%
24	8.240	1048	1053	1059	rVV3	2583	5342	0.11%	0.072%
25	8.405	1077	1080	1083	rBV	323	425	0.01%	0.006%
26	8.533	1098	1101	1103	rBV2	246	400	0.01%	0.005%
27	8.551	1103	1104	1107	rVB	459	426	0.01%	0.006%
28	8.691	1119	1127	1135	rBV	125388	249436	5.31%	3.363%
29	8.776	1139	1141	1148	rVB3	273	429	0.01%	0.006%
30	8.868	1153	1156	1158	rVB2	322	398	0.01%	0.005%
31	8.941	1158	1168	1180	rBV	2491997	4698773	100.00%	63.344%
32	9.124	1190	1198	1206	rBV	102477	203080	4.32%	2.738%
33	9.331	1229	1232	1234	rBV2	309	362	0.01%	0.005%
34	9.490	1254	1258	1265	rBV3	388	787	0.02%	0.011%
35	9.557	1267	1269	1271	rBV2	376	345	0.01%	0.005%
36	9.752	1296	1301	1303	rVV4	710	1093	0.02%	0.015%

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37	9.819	1310	1312	1316	rVV3	451	549	0.01%	0.007%
38	9.892	1316	1324	1334	rVV	46590	83514	1.78%	1.126%
39	10.014	1340	1344	1346	rVB3	336	488	0.01%	0.007%
40	10.045	1346	1349	1350	rBV	386	431	0.01%	0.006%
41	10.063	1350	1352	1358	rVV2	1258	1942	0.04%	0.026%
42	10.106	1358	1359	1364	rVV3	448	523	0.01%	0.007%
43	10.179	1364	1371	1378	rVV	133594	226386	4.82%	3.052%
44	10.246	1378	1382	1389	rVB	5236	8826	0.19%	0.119%
45	10.435	1407	1413	1422	rBV	26446	45353	0.97%	0.611%
46	10.581	1429	1437	1445	rBV2	23237	43451	0.92%	0.586%
47	10.642	1445	1447	1451	rVV3	408	461	0.01%	0.006%
48	10.721	1453	1460	1465	rBV	29064	49971	1.06%	0.674%
49	10.788	1465	1471	1483	rVV	55892	96222	2.05%	1.297%
50	10.868	1483	1484	1487	rVV2	363	373	0.01%	0.005%
51	10.947	1491	1497	1506	rVV	15956	28508	0.61%	0.384%
52	11.038	1509	1512	1516	rVB3	1073	1640	0.03%	0.022%
53	11.087	1518	1520	1525	rVB3	572	787	0.02%	0.011%
54	11.160	1528	1532	1535	rVB2	240	342	0.01%	0.005%
55	11.319	1551	1558	1564	rBV2	19949	32736	0.70%	0.441%
56	11.489	1579	1586	1595	rVV	112817	185692	3.95%	2.503%
57	11.587	1598	1602	1607	rVV2	981	1690	0.04%	0.023%
58	11.703	1616	1621	1625	rVV4	1786	3317	0.07%	0.045%
59	12.032	1668	1675	1680	rVV4	1969	3746	0.08%	0.050%
60	12.251	1709	1711	1714	rVB3	411	454	0.01%	0.006%
61	12.337	1719	1725	1730	rVB5	1432	2438	0.05%	0.033%
62	12.392	1730	1734	1736	rVB2	364	404	0.01%	0.005%
63	12.422	1736	1739	1740	rBV	274	364	0.01%	0.005%
64	12.489	1742	1750	1756	rVV	94541	158504	3.37%	2.137%
65	12.562	1756	1762	1769	rVB	60946	100405	2.14%	1.354%
66	12.636	1769	1774	1776	rBV2	500	649	0.01%	0.009%
67	12.745	1788	1792	1794	rVB2	344	395	0.01%	0.005%
68	12.818	1797	1804	1809	rBV4	4671	7838	0.17%	0.106%
69	12.953	1823	1826	1827	rVV2	317	372	0.01%	0.005%
70	13.074	1841	1846	1849	rVB3	767	1082	0.02%	0.015%
71	13.117	1849	1853	1854	rBV3	786	694	0.01%	0.009%
72	13.184	1858	1864	1868	rBV2	6405	9558	0.20%	0.129%
73	13.282	1875	1880	1885	rVB4	1258	2241	0.05%	0.030%
74	13.361	1890	1893	1895	rBV2	889	831	0.02%	0.011%
75	13.422	1897	1903	1909	rVV	28149	46611	0.99%	0.628%
76	13.489	1909	1914	1918	rVV3	1589	2778	0.06%	0.037%

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77	13.526	1918	1920	1923	rVB2	825	852	0.02%	0.011%
78	13.593	1928	1931	1933	rBV3	367	398	0.01%	0.005%
79	13.641	1935	1939	1943	rBV4	1149	1624	0.03%	0.022%
80	13.721	1946	1952	1958	rBV2	23005	36522	0.78%	0.492%
81	13.891	1978	1980	1982	rVV3	419	349	0.01%	0.005%
82	13.965	1984	1992	2000	rBV	10707	18600	0.40%	0.251%
83	14.190	2023	2029	2031	rBV3	607	982	0.02%	0.013%
84	14.306	2046	2048	2052	rBV2	288	453	0.01%	0.006%
85	14.458	2069	2073	2074	rBV2	454	520	0.01%	0.007%
86	14.507	2077	2081	2083	rBV4	784	1035	0.02%	0.014%
87	14.538	2084	2086	2089	rVB3	493	402	0.01%	0.005%
88	14.629	2094	2101	2104	rBV5	999	2211	0.05%	0.030%
89	14.781	2124	2126	2130	rBV3	415	536	0.01%	0.007%
90	14.910	2145	2147	2151	rVB2	515	570	0.01%	0.008%
91	14.983	2157	2159	2160	rBV2	498	344	0.01%	0.005%
92	15.007	2160	2163	2166	rVV5	859	1126	0.02%	0.015%
93	15.117	2179	2181	2184	rVV2	630	543	0.01%	0.007%
94	15.172	2187	2190	2191	rBV2	554	510	0.01%	0.007%
95	15.239	2196	2201	2205	rVV4	1454	2729	0.06%	0.037%
96	15.318	2210	2214	2218	rVB4	2480	3618	0.08%	0.049%
97	15.550	2251	2252	2254	rBV2	736	648	0.01%	0.009%
98	15.629	2263	2265	2268	rVB3	821	748	0.02%	0.010%
99	15.751	2283	2285	2286	rBV2	559	440	0.01%	0.006%
100	16.165	2352	2353	2354	rBV	672	363	0.01%	0.005%

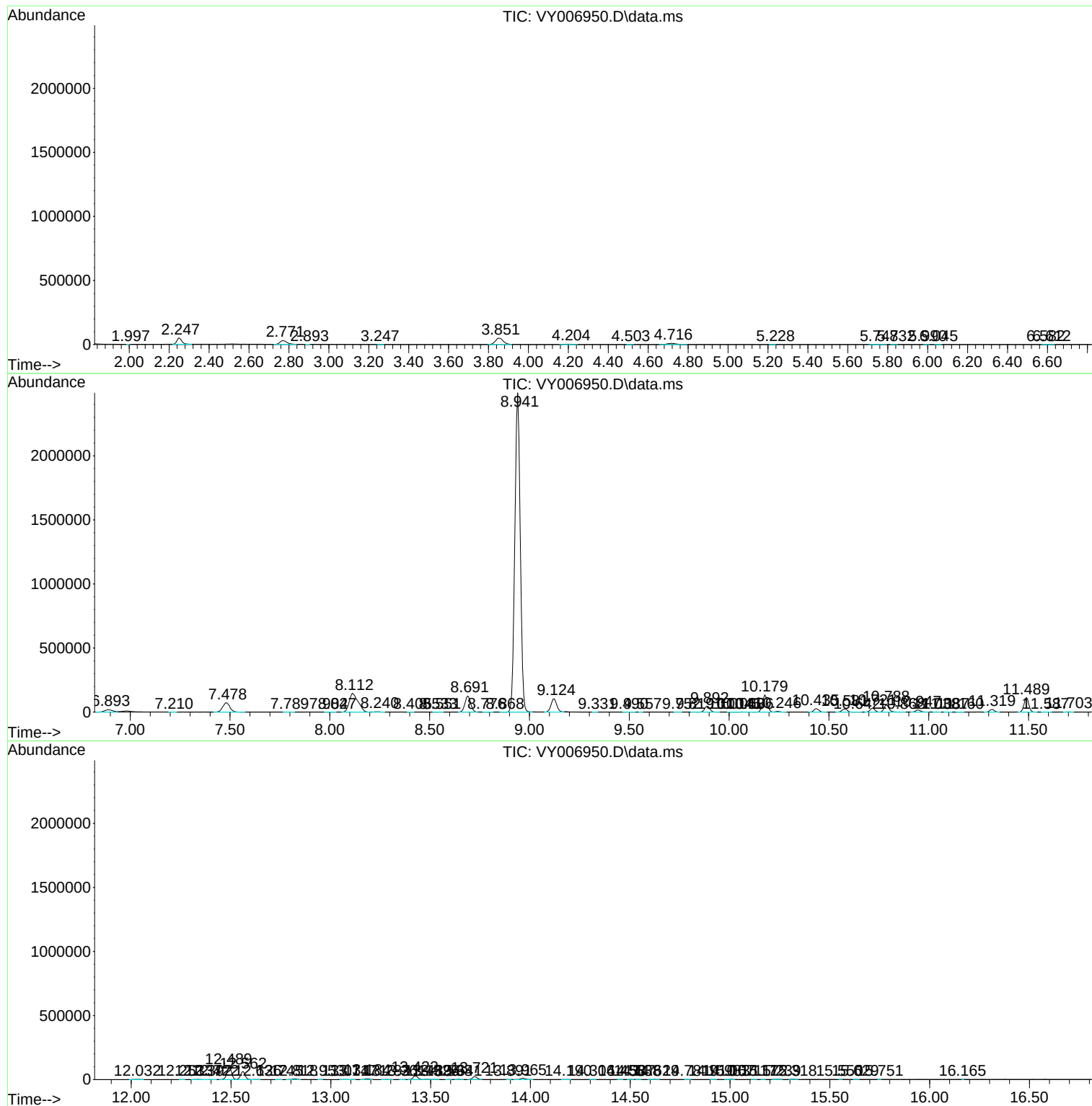
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120321SMA.M
Quant Title : VOC Analysis

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



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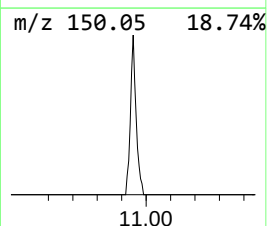
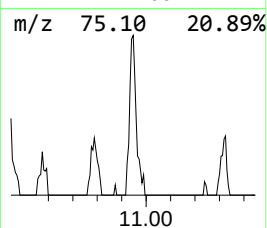
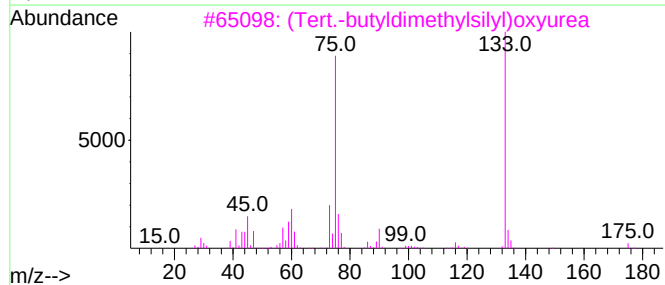
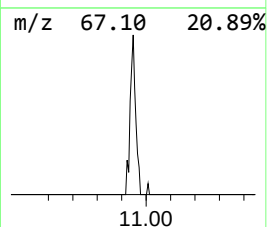
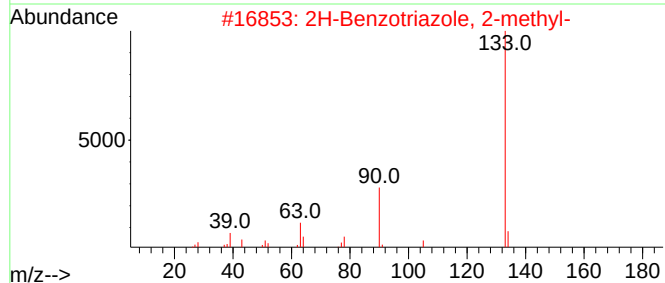
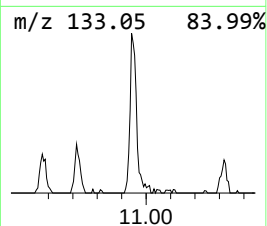
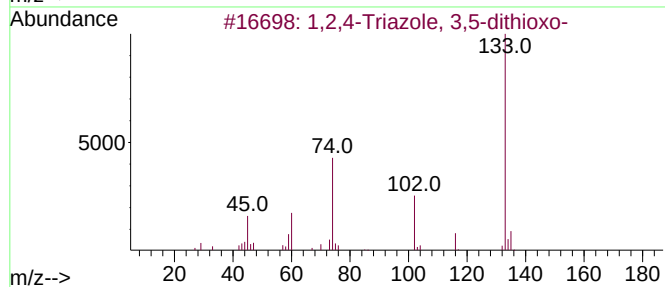
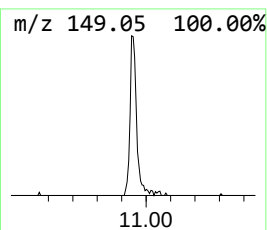
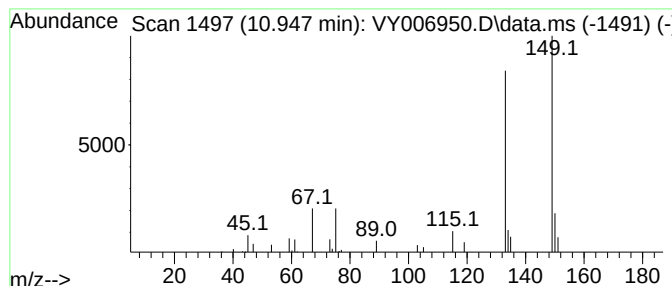
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120321SMA.M
Quant Title : VOC Analysis

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

Peak Number 4 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.947	3.84 ug/L	28508	Chlorobenzene-d5	11.489

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2,4-Triazole, 3,5-dithioxo-	133	C2H3N3S2	005650-03-3	27
2			2H-Benzotriazole, 2-methyl-	133	C7H7N3	016584-00-2	22
3			(Tert.-butyldimethylsilyl)oxyurea	190	C7H18N2O2Si	1000453-67-1	17
4			Carbamic acid, acetylthio-, O-me...	133	C4H7N02S	016696-87-0	16
5			Silane, diethoxydimethyl-	148	C6H16O2Si	000078-62-6	16



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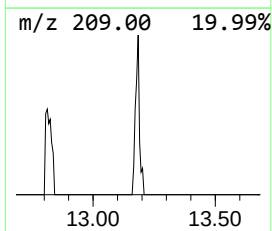
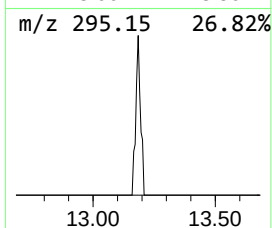
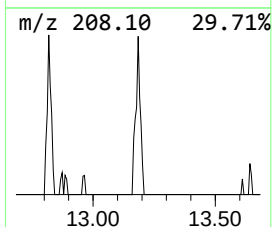
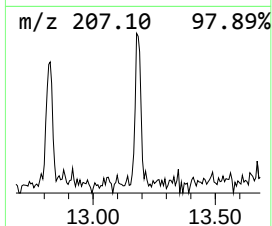
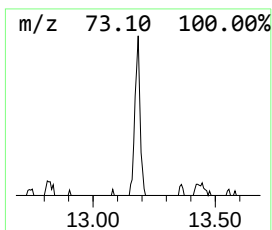
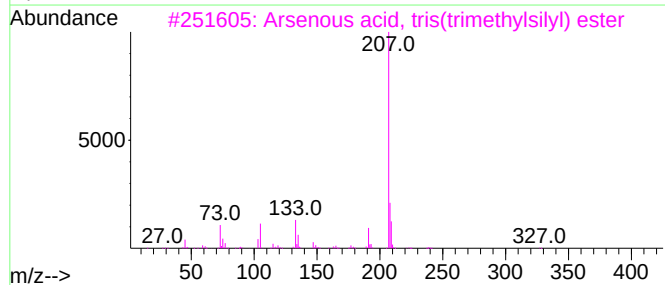
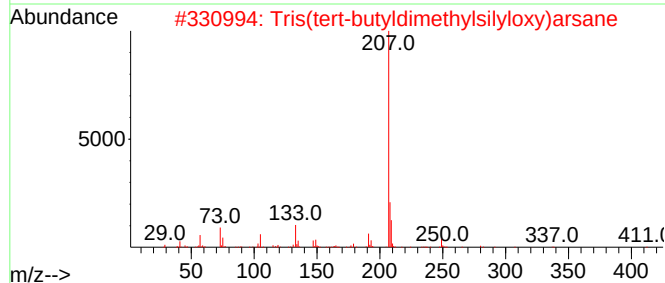
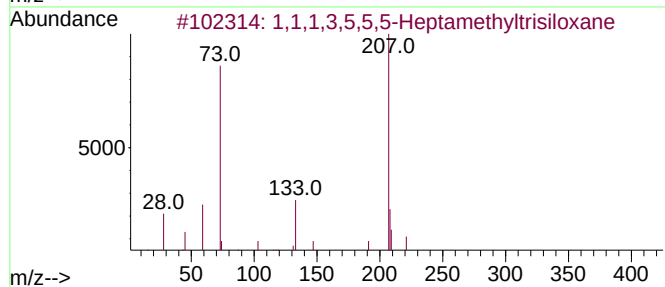
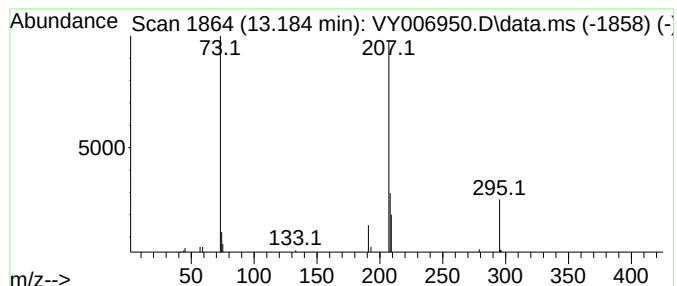
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120321SMA.M
Quant Title : VOC Analysis

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

Peak Number 8 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.184	5.13 ug/L	9558	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1,1,3,5,5,5-Heptamethyltrisilo...	222	C7H22O2Si3	001873-88-7	45		
2	Tris(tert-butyldimethylsilyloxy)...	468	C18H45AsO3Si3	1000366-57-5	33		
3	Arsenous acid, tris(trimethylsil...	342	C9H27AsO3Si3	055429-29-3	10		
4	1,3,4-Oxadiazole-2-thiol, 5-(3-n...	295	C11H13N3O3SSi	1000477-27-5	9		
5	2-Phenylhydrazinecarboxamide, bi...	295	C13H25N3OSi2	1000495-49-4	9		



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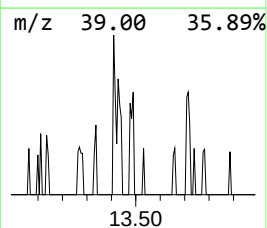
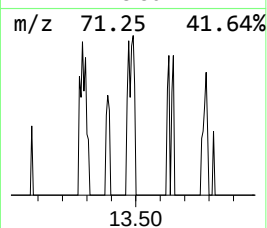
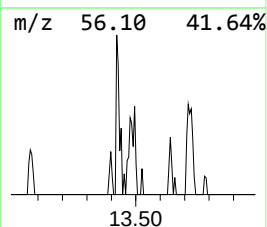
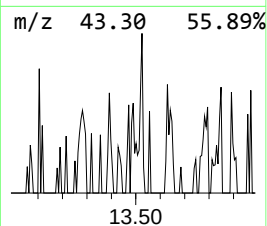
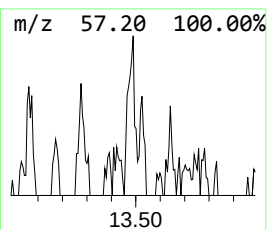
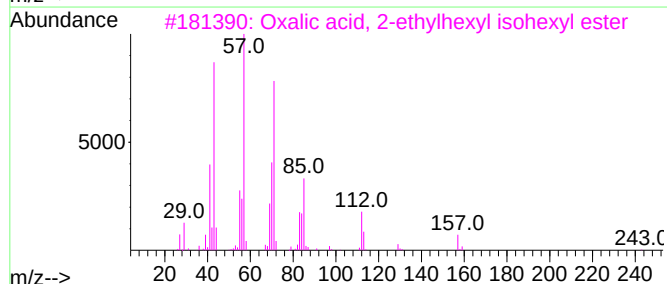
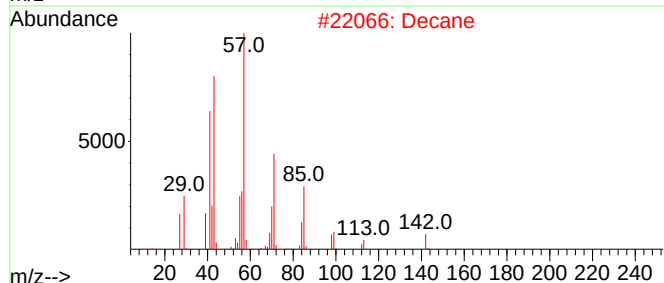
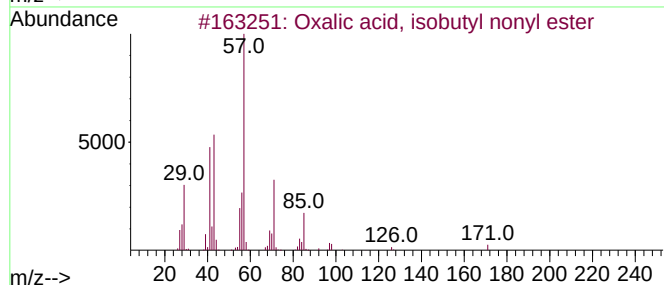
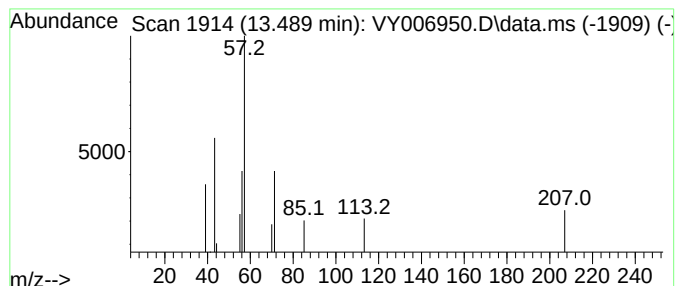
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120321SMA.M
Quant Title : VOC Analysis

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

Peak Number 9 unknown-03 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.489	1.49 ug/L	2778	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	38
2			Decane	142	C10H22	000124-18-5	37
3			Oxalic acid, 2-ethylhexyl isohex...	286	C16H30O4	1000309-38-8	25
4			Hexyl isobutyl carbonate	202	C11H22O3	959067-98-2	23
5			Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	17



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
Data File : VY006950.D
Acq On : 04 Dec 2021 18:21
Operator : SY/MD
Sample : M4884-20
Misc : 3.81g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EW9K4

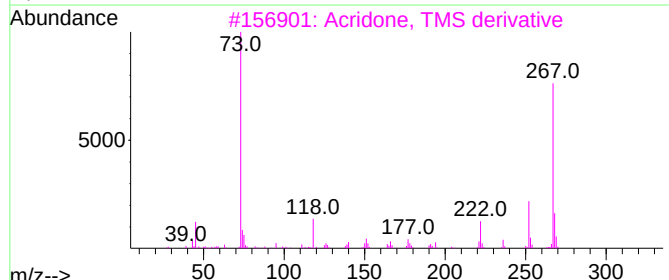
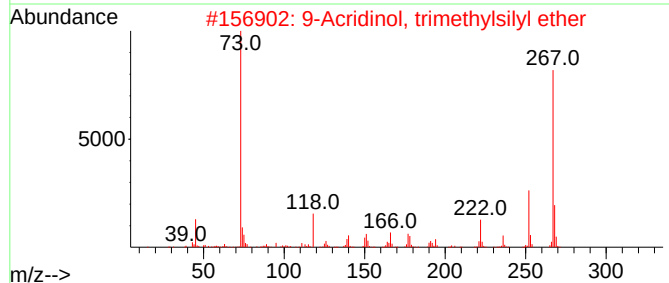
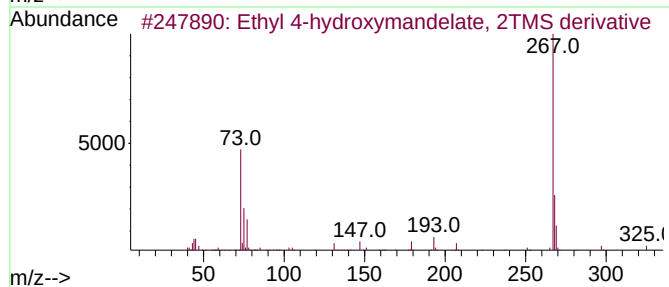
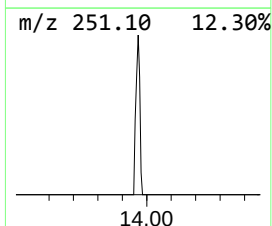
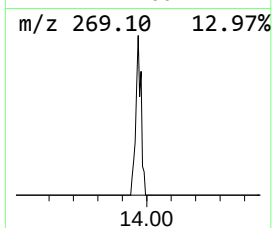
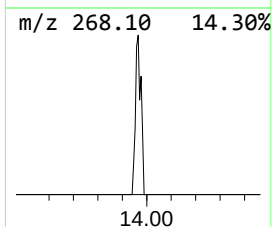
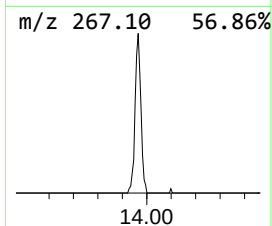
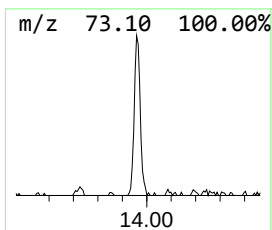
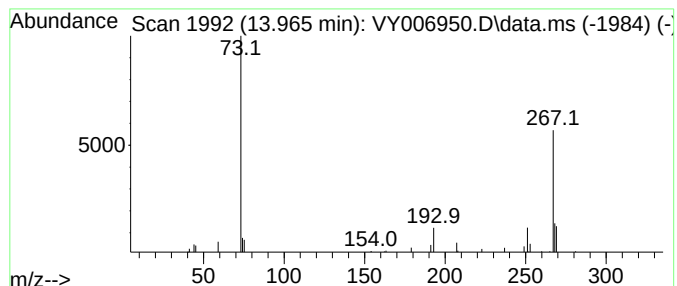
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Quant Title : VOC Analysis

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

Peak Number 10 9-Acridinol, trimethylsilyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.965	9.98 ug/L	18600	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethyl 4-hydroxymandelate, 2TMS d...	340	C16H28O4Si2	1010071-53-3	50
2			9-Acridinol, trimethylsilyl ether	267	C16H17NOSi	1000463-65-5	50
3			Acridone, TMS derivative	267	C16H17NOSi	1000478-16-0	50
4			2-[(Trimethylsilyl)oxy]-2-{4-[(t...	297	C14H27NO2Si2	1000473-27-9	45
5			Auramine	267	C17H21N3	000492-80-8	43



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
Data File : VY006950.D
Acq On : 04 Dec 2021 18:21
Operator : SY/MD
Sample : M4884-20
Misc : 3.81g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EW9K4

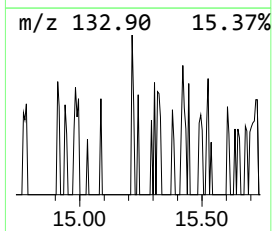
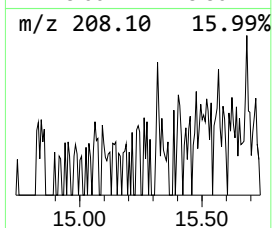
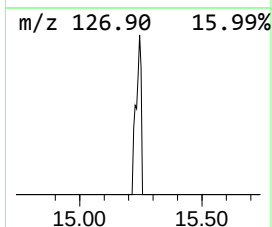
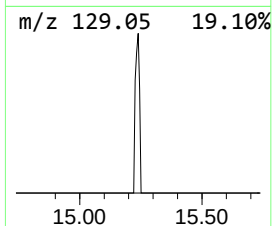
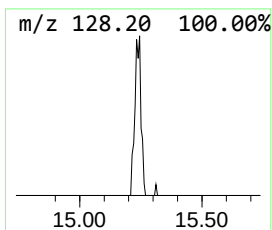
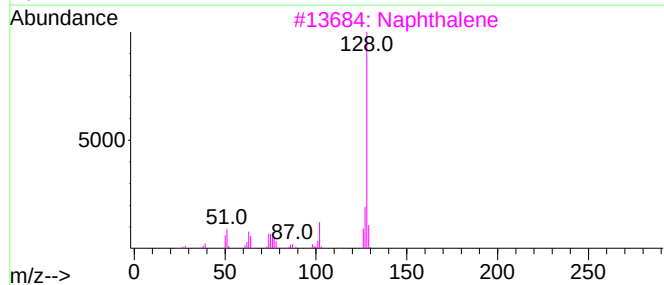
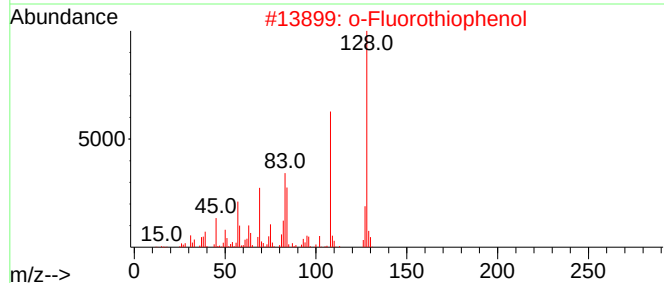
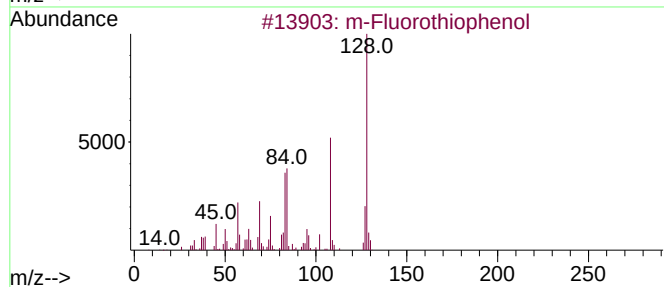
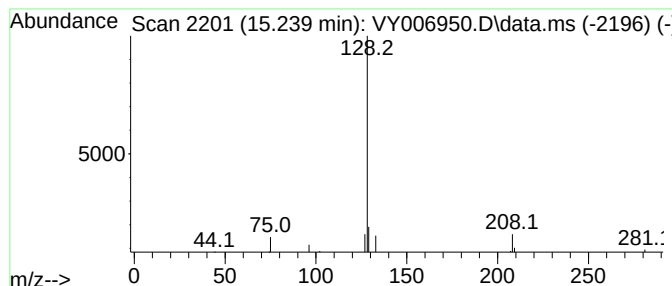
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Quant Title : VOC Analysis

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

Peak Number 11 m-Fluorothiophenol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.239	1.46 ug/L	2729	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			m-Fluorothiophenol	128	C6H5FS	002557-77-9	50
2			o-Fluorothiophenol	128	C6H5FS	002557-78-0	38
3			Naphthalene	128	C10H8	000091-20-3	38
4			5-[p-[Bromophenyl]-2,4-pentadien...	252	C11H9BrO2	1010257-04-4	25
5			Benzonitrile, 4-[2-(methylsulfonyl...	207	C10H9NO2S	077355-31-8	9



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
Data File : VY006950.D
Acq On : 04 Dec 2021 18:21
Operator : SY/MD
Sample : M4884-20
Misc : 3.81g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EW9K4

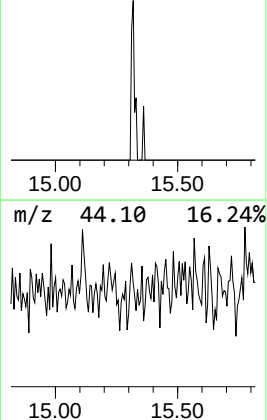
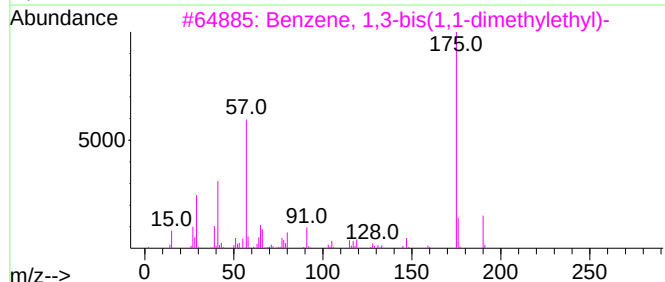
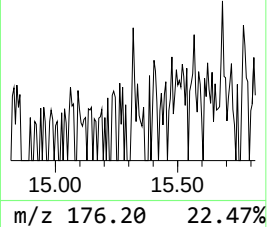
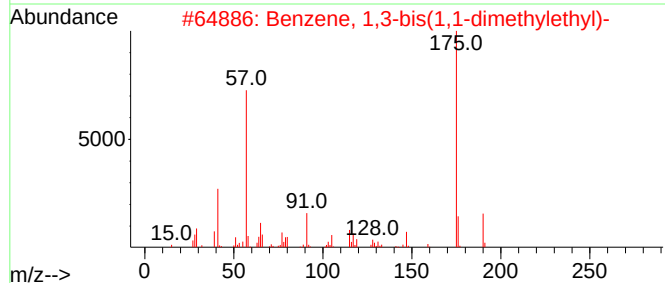
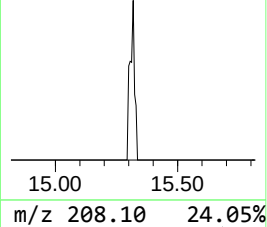
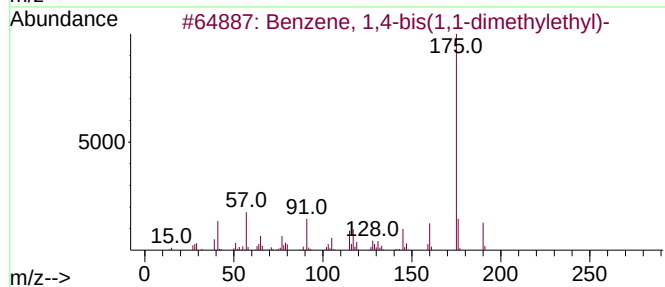
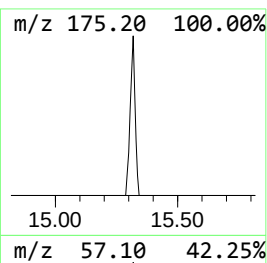
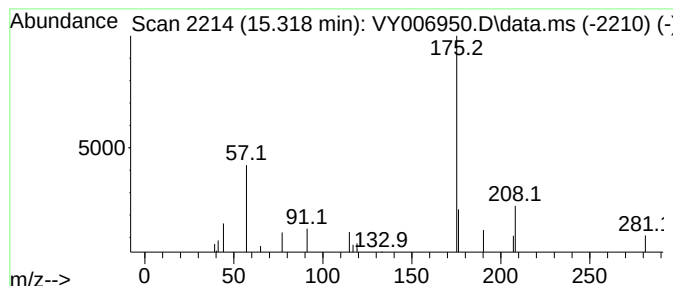
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120321SMA.M
Quant Title : VOC Analysis

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

Peak Number 12 Benzene, 1,4-bis(1,1-dimeth... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.318	1.94 ug/L	3618	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	52
2			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	47
3			Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	47
4			p-Pentylacetophenone	190	C13H18O	037593-02-5	38
5			4-Methyl-2,6-dihydroxyquinoline	175	C10H9NO2	034982-01-9	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
Data File : VY006950.D
Acq On : 04 Dec 2021 18:21
Operator : SY/MD
Sample : M4884-20
Misc : 3.81g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EW9K4

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

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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unknown-02	13.184	5.1	ug/L	9558	3	13.422	46611	25.0
unknown-03	13.489	1.5	ug/L	2778	3	13.422	46611	25.0
9-Acridinol, tr...	13.965	10.0	ug/L	18600	3	13.422	46611	25.0
m-Fluorothiophenol	15.239	1.5	ug/L	2729	3	13.422	46611	25.0
Benzene, 1,4-bi...	15.318	1.9	ug/L	3618	3	13.422	46611	25.0