

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
 Data File : VY006952.D
 Acq On : 04 Dec 2021 19:05
 Operator : SY/MD
 Sample : M4884-22
 Misc : 2.84g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EW9K6

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: VY006952.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.253	65	71	80	rVB	47325	83620	1.82%	1.079%
2	2.772	149	156	169	rVB	28014	70219	1.53%	0.906%
3	3.241	230	233	234	rBV2	391	478	0.01%	0.006%
4	3.369	252	254	256	rBV3	315	270	0.01%	0.003%
5	3.589	288	290	293	rBV	333	381	0.01%	0.005%
6	3.857	322	334	344	rBV	51149	142379	3.11%	1.837%
7	3.997	355	357	359	rVB2	433	303	0.01%	0.004%
8	4.198	380	390	394	rBV3	1449	3311	0.07%	0.043%
9	4.302	405	407	408	rBV	217	165	0.00%	0.002%
10	4.351	412	415	418	rVB	227	233	0.01%	0.003%
11	4.387	419	421	423	rBV	214	179	0.00%	0.002%
12	4.442	429	430	432	rVB2	318	186	0.00%	0.002%
13	4.472	432	435	437	rBV	204	222	0.00%	0.003%
14	4.601	455	456	460	rBV2	277	192	0.00%	0.002%
15	4.716	465	475	485	rVV3	11393	33977	0.74%	0.438%
16	4.808	488	490	492	rBV	295	291	0.01%	0.004%
17	4.844	495	496	500	rVB2	177	210	0.00%	0.003%
18	4.899	503	505	507	rVB2	249	267	0.01%	0.003%
19	4.930	507	510	511	rBV	366	354	0.01%	0.005%
20	4.942	511	512	516	rBV2	383	360	0.01%	0.005%
21	5.113	537	540	543	rVB2	255	319	0.01%	0.004%
22	5.155	545	547	550	rVB2	195	195	0.00%	0.003%
23	5.186	550	552	555	rBV	240	298	0.01%	0.004%
24	5.228	557	559	561	rVB2	169	173	0.00%	0.002%
25	5.381	582	584	588	rBV	203	239	0.01%	0.003%
26	5.472	596	599	600	rBV2	247	207	0.00%	0.003%
27	5.600	619	620	622	rVB2	277	182	0.00%	0.002%
28	5.625	622	624	626	rVB2	296	270	0.01%	0.003%
29	5.649	626	628	630	rBV	132	180	0.00%	0.002%
30	5.741	637	643	644	rBV3	1204	1763	0.04%	0.023%
31	5.844	658	660	664	rBV2	277	346	0.01%	0.004%
32	6.143	707	709	711	rBV2	226	189	0.00%	0.002%
33	6.356	742	744	746	rBV	296	319	0.01%	0.004%
34	6.686	794	798	800	rBV	198	239	0.01%	0.003%
35	6.789	812	815	818	rVB2	171	224	0.00%	0.003%
36	6.814	818	819	822	rBV2	338	290	0.01%	0.004%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
 Data File : VY006952.D
 Acq On : 04 Dec 2021 19:05
 Operator : SY/MD
 Sample : M4884-22
 Misc : 2.84g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EW9K6

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

37	6.893	822	832	840	rBV	20348	57418	1.25%	0.741%
38	7.484	919	929	942	rVB	71744	181169	3.95%	2.337%
39	7.576	942	944	947	rBV3	322	293	0.01%	0.004%
40	7.612	947	950	951	rBV2	253	292	0.01%	0.004%
41	7.673	957	960	965	rBV3	363	714	0.02%	0.009%
42	7.899	996	997	998	rBV	345	176	0.00%	0.002%
43	7.990	1009	1012	1015	rBV3	242	269	0.01%	0.003%
44	8.112	1022	1032	1047	rVV2	134817	431280	9.41%	5.563%
45	8.240	1048	1053	1060	rVB2	4918	10140	0.22%	0.131%
46	8.332	1065	1068	1069	rBV	249	251	0.01%	0.003%
47	8.417	1079	1082	1083	rBV	236	282	0.01%	0.004%
48	8.527	1095	1100	1101	rBV3	326	559	0.01%	0.007%
49	8.691	1119	1127	1136	rBV	109639	214463	4.68%	2.766%
50	8.868	1154	1156	1159	rBV2	257	295	0.01%	0.004%
51	8.941	1159	1168	1184	rBV	2454613	4585313	100.00%	59.145%
52	9.124	1190	1198	1206	rVB	97457	194429	4.24%	2.508%
53	9.368	1235	1238	1241	rVB2	365	430	0.01%	0.006%
54	9.551	1265	1268	1270	rBV2	187	275	0.01%	0.004%
55	9.740	1296	1299	1300	rBV2	216	168	0.00%	0.002%
56	9.783	1304	1306	1307	rBV	260	184	0.00%	0.002%
57	9.825	1311	1313	1317	rBV2	343	413	0.01%	0.005%
58	9.892	1317	1324	1333	rVB2	45825	81709	1.78%	1.054%
59	10.014	1339	1344	1347	rBV2	268	576	0.01%	0.007%
60	10.179	1364	1371	1378	rBV	136656	228240	4.98%	2.944%
61	10.246	1378	1382	1390	rVB2	6877	11928	0.26%	0.154%
62	10.337	1393	1397	1399	rVB2	340	387	0.01%	0.005%
63	10.362	1399	1401	1404	rBV3	161	164	0.00%	0.002%
64	10.441	1407	1414	1424	rBV	26168	45670	1.00%	0.589%
65	10.581	1428	1437	1443	rBV	20208	36203	0.79%	0.467%
66	10.642	1443	1447	1453	rVV	9149	14944	0.33%	0.193%
67	10.721	1453	1460	1466	rVV	346387	593484	12.94%	7.655%
68	10.788	1466	1471	1483	rVB	59458	96831	2.11%	1.249%
69	10.947	1491	1497	1503	rBV	15659	26035	0.57%	0.336%
70	11.038	1510	1512	1514	rBV2	406	441	0.01%	0.006%
71	11.099	1520	1522	1524	rVB	566	433	0.01%	0.006%
72	11.179	1532	1535	1536	rBV	286	267	0.01%	0.003%
73	11.270	1546	1550	1552	rBV2	431	600	0.01%	0.008%
74	11.319	1552	1558	1564	rVV	17557	27740	0.60%	0.358%
75	11.410	1571	1573	1576	rVB2	242	267	0.01%	0.003%
76	11.490	1580	1586	1594	rVB	100993	159188	3.47%	2.053%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
 Data File : VY006952.D
 Acq On : 04 Dec 2021 19:05
 Operator : SY/MD
 Sample : M4884-22
 Misc : 2.84g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EW9K6

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

77	11.581	1599	1601	1603	rBV3	366	439	0.01%	0.006%
78	11.697	1613	1620	1627	rBV5	1367	3050	0.07%	0.039%
79	11.843	1641	1644	1646	rBV3	379	476	0.01%	0.006%
80	12.032	1671	1675	1680	rBV6	911	1816	0.04%	0.023%
81	12.111	1685	1688	1690	rBV2	205	289	0.01%	0.004%
82	12.160	1694	1696	1698	rBV2	233	251	0.01%	0.003%
83	12.185	1698	1700	1701	rVB	389	232	0.01%	0.003%
84	12.245	1708	1710	1713	rBV2	266	318	0.01%	0.004%
85	12.489	1742	1750	1756	rBV	72134	123414	2.69%	1.592%
86	12.556	1756	1761	1768	rVB	56822	90726	1.98%	1.170%
87	12.623	1768	1772	1780	rBV6	668	1514	0.03%	0.020%
88	12.819	1798	1804	1811	rVB4	6510	12063	0.26%	0.156%
89	13.020	1835	1837	1838	rBV	415	264	0.01%	0.003%
90	13.123	1851	1854	1855	rBV2	572	600	0.01%	0.008%
91	13.184	1859	1864	1869	rVB2	6151	9215	0.20%	0.119%
92	13.276	1876	1879	1884	rVB5	1915	2795	0.06%	0.036%
93	13.355	1890	1892	1893	rBV2	703	337	0.01%	0.004%
94	13.422	1898	1903	1909	rVV	36064	58480	1.28%	0.754%
95	13.526	1917	1920	1926	rVB4	3603	5889	0.13%	0.076%
96	13.642	1936	1939	1943	rVB4	1818	2230	0.05%	0.029%
97	13.721	1947	1952	1961	rVB	33008	50182	1.09%	0.647%
98	13.959	1987	1991	2001	rVB	10626	19917	0.43%	0.257%
99	15.233	2195	2200	2208	rBV2	10461	18369	0.40%	0.237%
100	15.318	2211	2214	2218	rVB4	2141	2841	0.06%	0.037%

Sum of corrected areas: 7752657

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
Data File : VY006952.D
Acq On : 04 Dec 2021 19:05
Operator : SY/MD
Sample : M4884-22
Misc : 2.84g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EW9K6

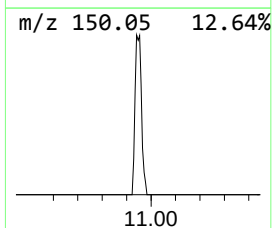
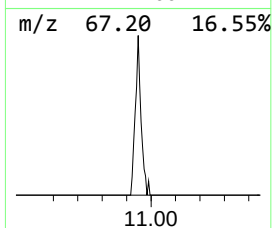
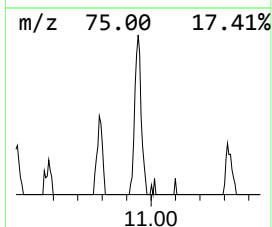
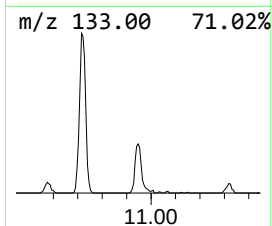
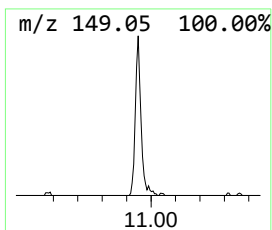
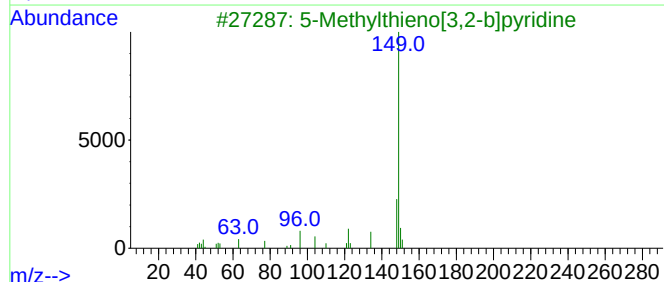
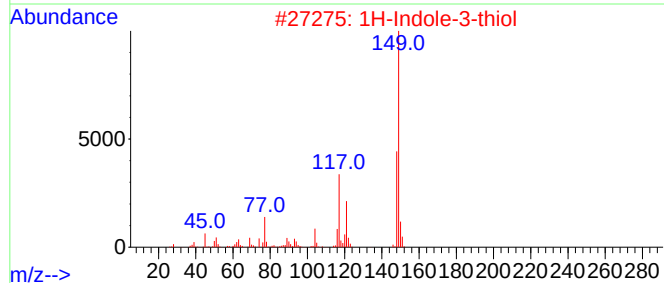
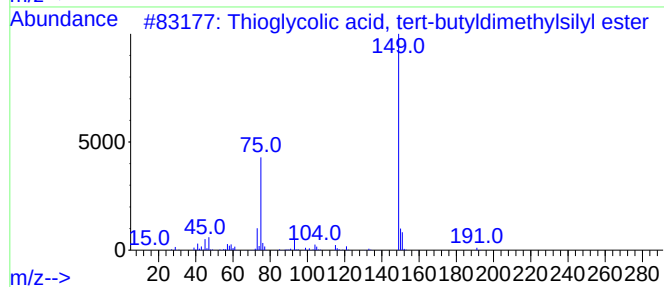
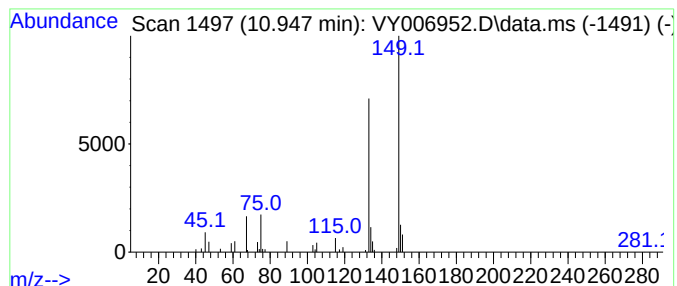
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120321SMA.M
Quant Title : VOC Analysis

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

Peak Number 3 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.947	4.09 ug/L	26035	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thioglycolic acid, tert-butyl dimethylsilyl ester	206	C8H18O2SSi	1000476-01-2	47
2			1H-Indole-3-thiol	149	C8H7NS	000480-94-4	43
3			5-Methylthieno[3,2-b]pyridine	149	C8H7NS	001759-29-1	28
4			Benzene, 1-isocyanato-2-methoxy-	149	C8H7NO2	000700-87-8	25
5			Benzothiazole, 2-methyl-	149	C8H7NS	000120-75-2	25



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
Data File : VY006952.D
Acq On : 04 Dec 2021 19:05
Operator : SY/MD
Sample : M4884-22
Misc : 2.84g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EW9K6

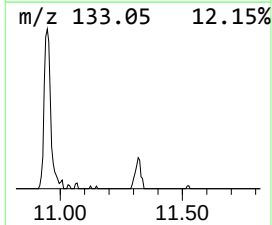
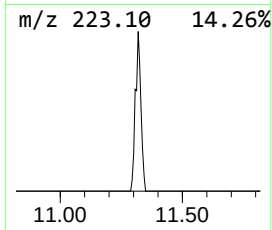
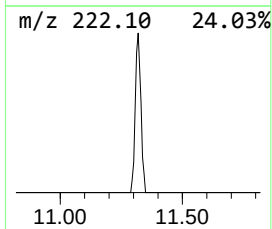
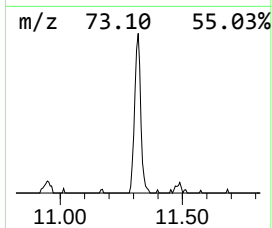
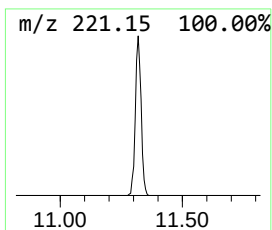
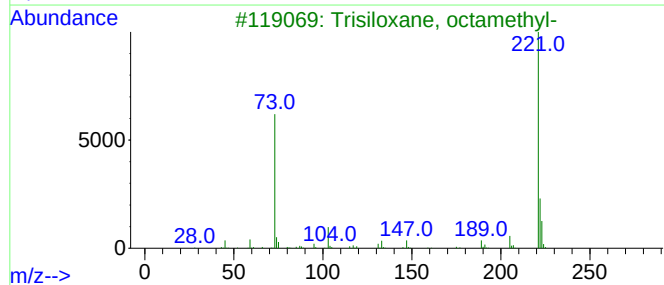
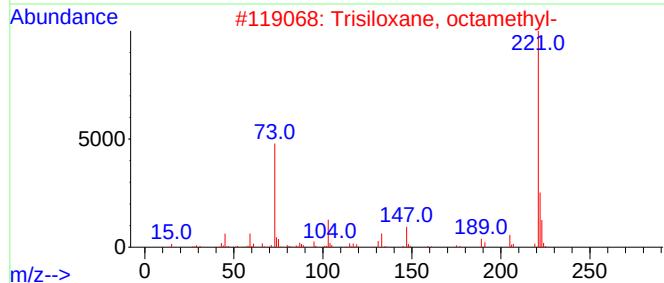
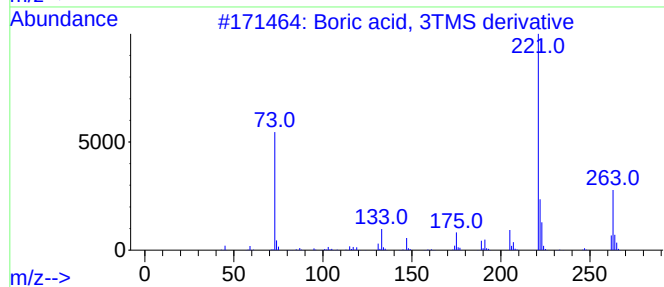
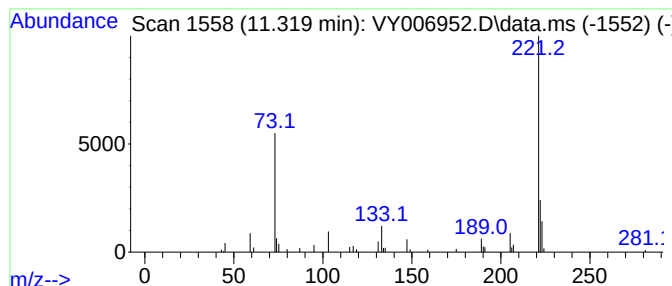
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120321SMA.M
Quant Title : VOC Analysis

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

Peak Number 4 Boric acid, 3TMS derivative Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.319	4.36 ug/L	27740	Chlorobenzene-d5	11.490

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Boric acid, 3TMS derivative	278	C9H27B03Si3	004325-85-3	86
2			Trisiloxane, octamethyl-	236	C8H24O2Si3	000107-51-7	86
3			Trisiloxane, octamethyl-	236	C8H24O2Si3	000107-51-7	86
4			Thioglycolic acid, S-(tert-butyl...	320	C14H32O2SSi2	082112-29-6	74
5			2-Methyl-6-tert-butylphenol, TBD...	278	C17H30OSi	1000467-05-0	64



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
Data File : VY006952.D
Acq On : 04 Dec 2021 19:05
Operator : SY/MD
Sample : M4884-22
Misc : 2.84g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EW9K6

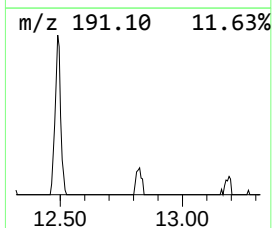
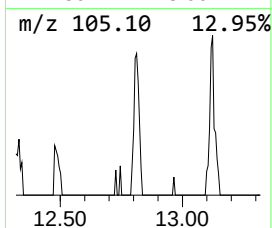
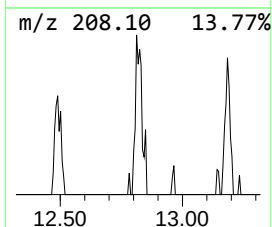
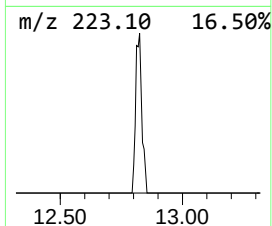
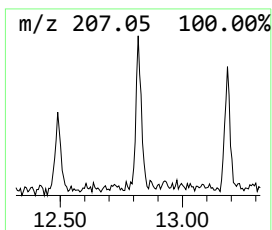
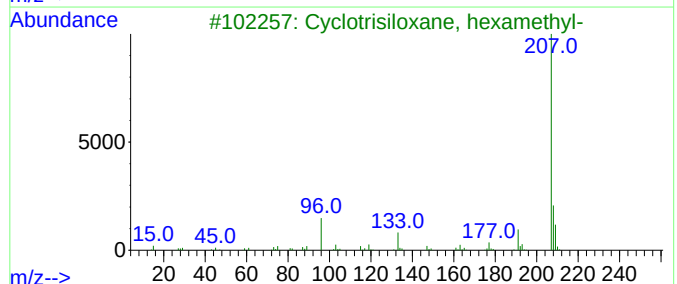
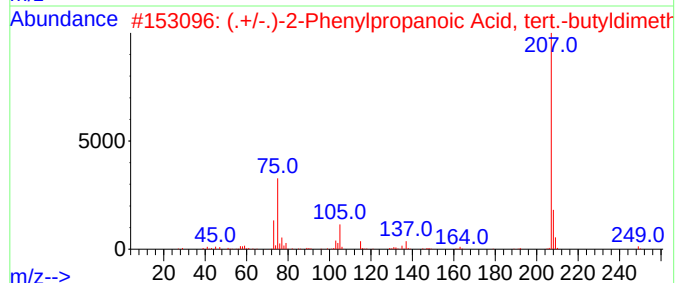
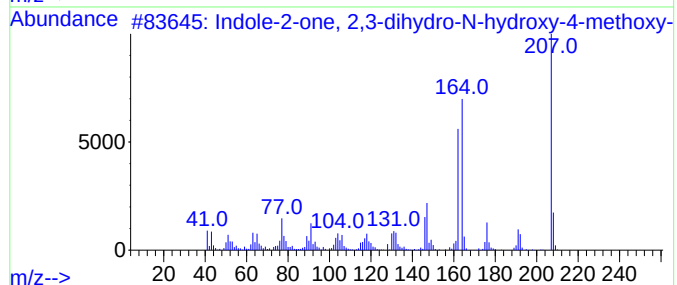
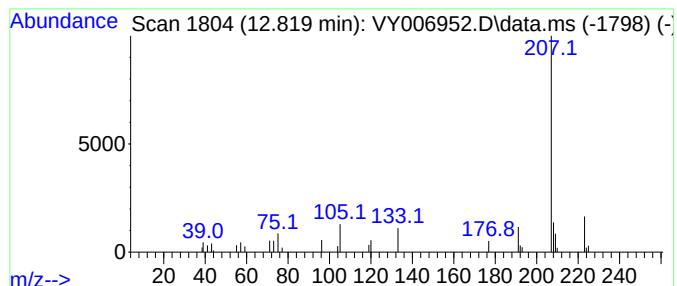
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120321SMA.M
Quant Title : VOC Analysis

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

Peak Number 6 Indole-2-one, 2,3-dihydro-N... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.819	5.16 ug/L	12063	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indole-2-one, 2,3-dihydro-N-hydr...	207	C11H13NO3	1010129-52-1	59
2			(.+/-)-2-Phenylpropanoic Acid, ...	264	C15H24O2Si	1010453-23-5	53
3			Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	47
4			Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	47
5			2-Methyl-7-phenylindole	207	C15H13N	001140-08-5	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
Data File : VY006952.D
Acq On : 04 Dec 2021 19:05
Operator : SY/MD
Sample : M4884-22
Misc : 2.84g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EW9K6

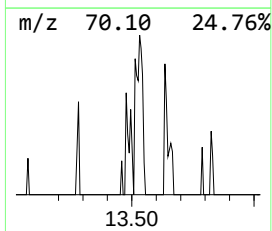
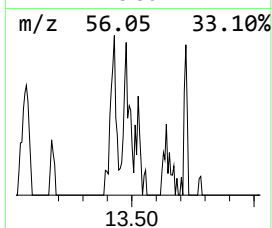
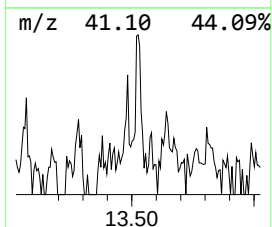
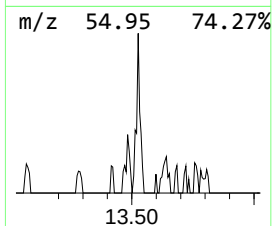
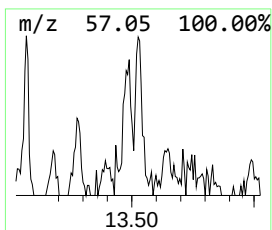
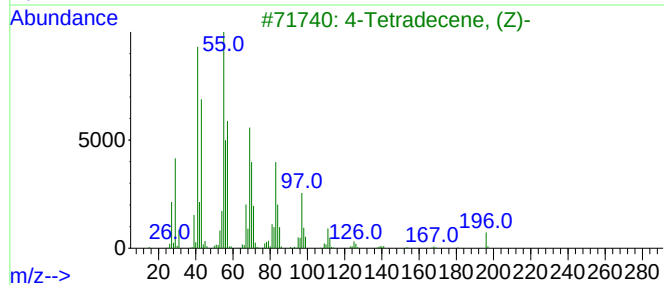
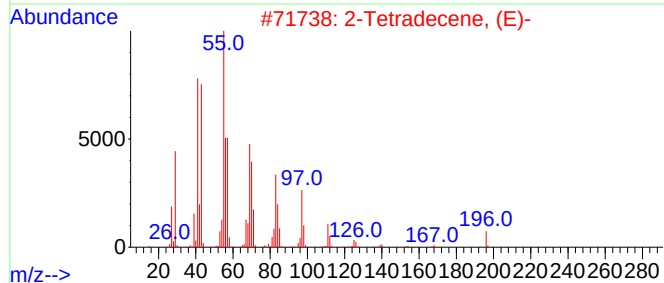
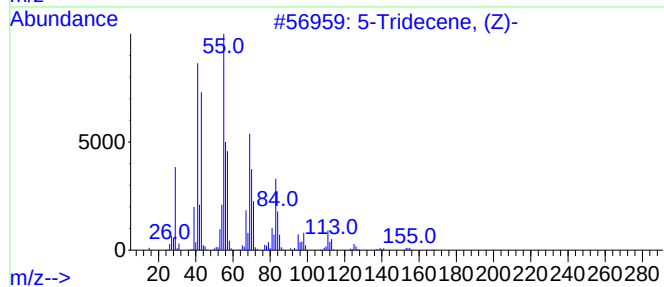
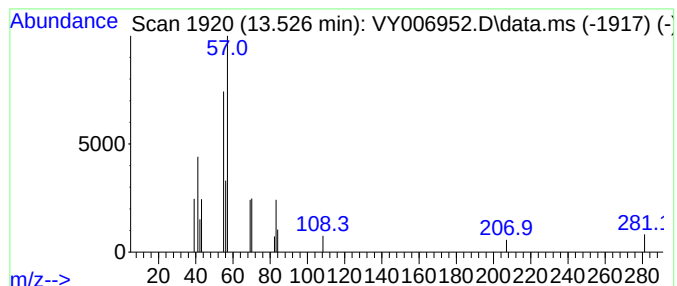
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120321SMA.M
Quant Title : VOC Analysis

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.526	2.52 ug/L	5889	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5-Tridecene, (Z)-	182	C13H26	025524-42-9	59
2			2-Tetradecene, (E)-	196	C14H28	035953-54-9	59
3			4-Tetradecene, (Z)-	196	C14H28	041446-65-5	45
4			4-Tetradecene, (E)-	196	C14H28	041446-78-0	45
5			4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1010282-97-2	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
Data File : VY006952.D
Acq On : 04 Dec 2021 19:05
Operator : SY/MD
Sample : M4884-22
Misc : 2.84g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EW9K6

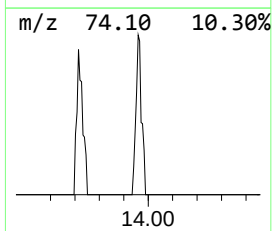
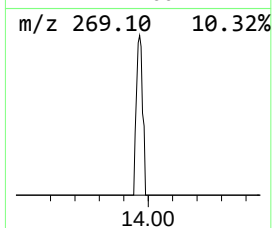
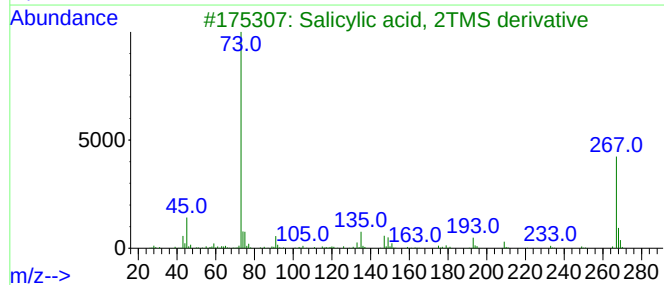
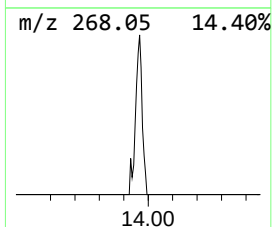
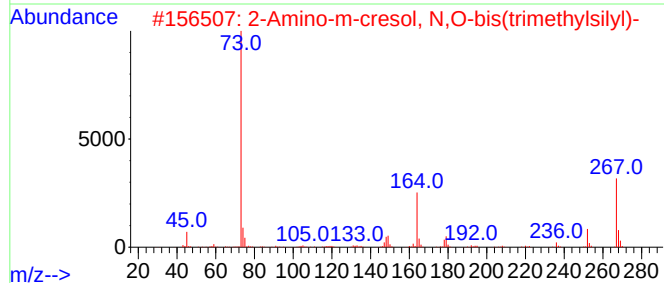
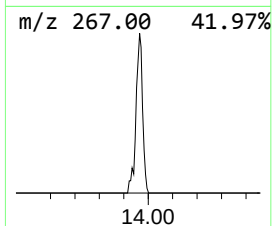
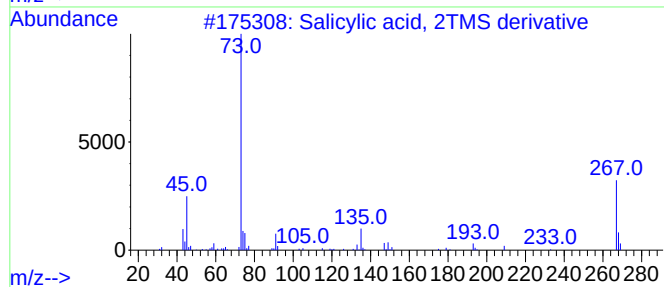
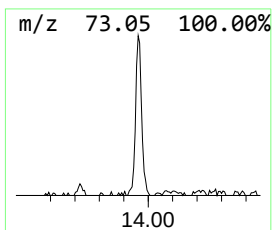
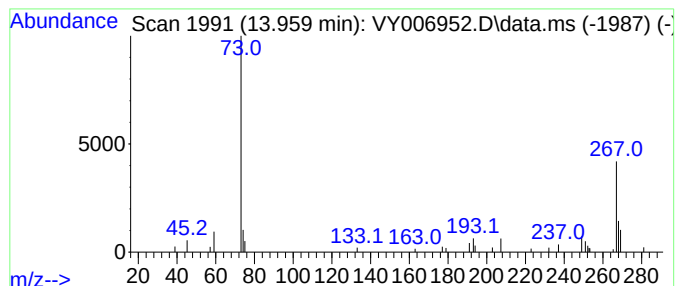
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120321SMA.M
Quant Title : VOC Analysis

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

Peak Number 9 Salicylic acid, 2TMS deriva... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.959	8.51 ug/L	19917	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Salicylic acid, 2TMS derivative	282	C13H22O3Si2	003789-85-3	50
2			2-Amino-m-cresol, N,O-bis(trimet...	267	C13H25NOSi2	1000449-77-1	40
3			Salicylic acid, 2TMS derivative	282	C13H22O3Si2	003789-85-3	40
4			Acridone, TMS derivative	267	C16H17NOSi	1000478-16-0	37
5			Benzeneethanamine, N-methyl-.bet...	311	C15H29NO2Si2	029522-18-7	36



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
Data File : VY006952.D
Acq On : 04 Dec 2021 19:05
Operator : SY/MD
Sample : M4884-22
Misc : 2.84g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EW9K6

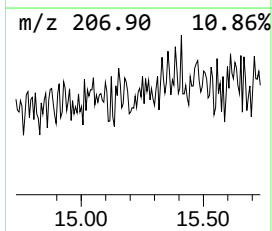
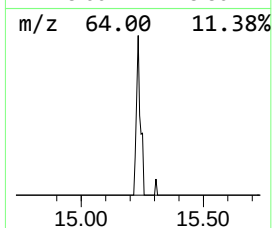
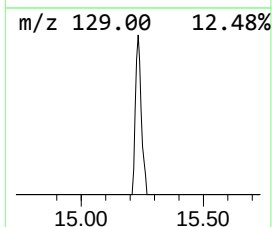
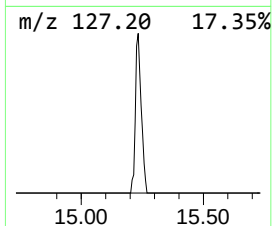
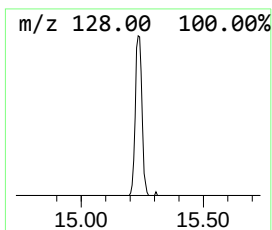
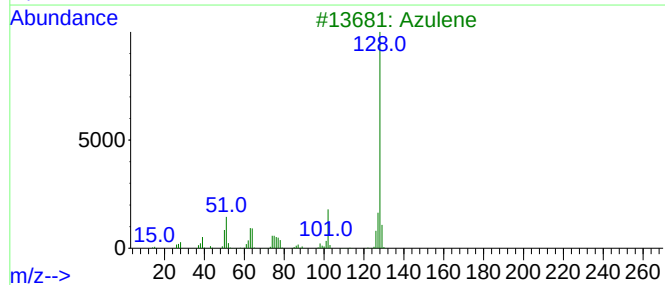
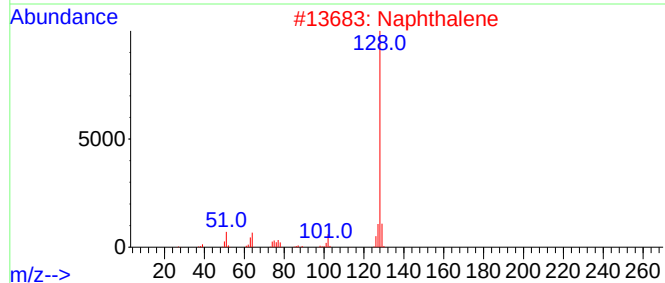
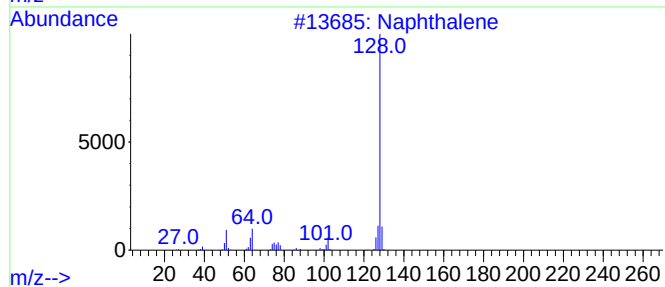
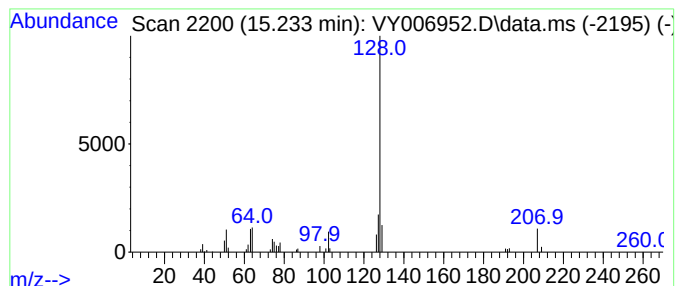
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120321SMA.M
Quant Title : VOC Analysis

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

Peak Number 10 Azulene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.233	7.85 ug/L	18369	1,4-Dichlorobenzene-d4	13.428

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene	128	C10H8	000091-20-3	90
2			Naphthalene	128	C10H8	000091-20-3	90
3			Azulene	128	C10H8	000275-51-4	83
4			Azulene	128	C10H8	000275-51-4	81
5			1H-Indene, 1-methylene-	128	C10H8	002471-84-3	80



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
Data File : VY006952.D
Acq On : 04 Dec 2021 19:05
Operator : SY/MD
Sample : M4884-22
Misc : 2.84g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EW9K6

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
unknown-01	10.947	4.1	ug/L	26035	2	11.490	159188	25.0
Boric acid, 3TM...	11.319	4.4	ug/L	27740	2	11.490	159188	25.0
Indole-2-one, 2...	12.819	5.2	ug/L	12063	3	13.428	58480	25.0
(DEL) Alkane: S...	13.526	2.5	ug/L	5889	3	13.428	58480	25.0
Salicylic acid,...	13.959	8.5	ug/L	19917	3	13.428	58480	25.0
Azulene	15.233	7.8	ug/L	18369	3	13.428	58480	25.0