

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
 Data File : VY006938.D
 Acq On : 04 Dec 2021 13:58
 Operator : SY/MD
 Sample : M4884-08
 Misc : 5.61g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EW9J4

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: VY006938.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.168	55	57	60	rVB	784	612	0.09%	0.011%
2	2.247	65	70	80	rVV	44576	75776	11.21%	1.423%
3	2.771	148	156	175	rVB	30706	76687	11.34%	1.441%
4	3.204	223	227	230	rVB3	405	572	0.08%	0.011%
5	3.241	230	233	234	rBV3	511	659	0.10%	0.012%
6	3.344	247	250	251	rBV2	377	360	0.05%	0.007%
7	3.387	254	257	261	rVB2	301	427	0.06%	0.008%
8	3.460	267	269	271	rBV	338	384	0.06%	0.007%
9	3.552	282	284	286	rBV2	323	390	0.06%	0.007%
10	3.759	316	318	321	rVB	393	347	0.05%	0.007%
11	3.850	323	333	351	rBV	73359	203307	30.06%	3.819%
12	4.192	379	389	398	rBV4	2086	6434	0.95%	0.121%
13	4.350	411	415	417	rBV	260	374	0.06%	0.007%
14	4.381	417	420	421	rBV	327	323	0.05%	0.006%
15	4.448	428	431	433	rBV	304	438	0.06%	0.008%
16	4.722	462	476	487	rVB2	10473	32579	4.82%	0.612%
17	4.923	506	509	511	rVV4	297	387	0.06%	0.007%
18	4.948	511	513	517	rVV3	435	500	0.07%	0.009%
19	5.125	538	542	543	rBV2	329	392	0.06%	0.007%
20	5.192	551	553	556	rBV2	289	303	0.04%	0.006%
21	5.460	591	597	599	rBV2	176	330	0.05%	0.006%
22	5.643	624	627	630	rVB2	295	401	0.06%	0.008%
23	5.746	637	644	652	rVV4	2002	5830	0.86%	0.110%
24	5.862	659	663	665	rBV	211	303	0.04%	0.006%
25	6.386	746	749	753	rBV2	314	473	0.07%	0.009%
26	6.886	820	831	840	rBV	34103	98562	14.58%	1.852%
27	6.978	842	846	847	rBV2	3511	4067	0.60%	0.076%
28	7.197	881	882	887	rVB4	427	614	0.09%	0.012%
29	7.338	902	905	908	rBV3	300	393	0.06%	0.007%
30	7.380	908	912	915	rVV3	238	367	0.05%	0.007%
31	7.478	917	928	940	rBV	115805	282762	41.81%	5.312%
32	7.685	959	962	967	rVB3	413	533	0.08%	0.010%
33	8.112	1021	1032	1048	rVV2	217181	676239	100.00%	12.703%
34	8.246	1048	1054	1059	rVB5	825	1908	0.28%	0.036%
35	8.691	1118	1127	1135	rBV	203906	389709	57.63%	7.321%
36	8.929	1162	1166	1175	rVB6	1440	2700	0.40%	0.051%

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

37	9.124	1187	1198	1208	rBV	155380	309785	45.81%	5.819%
38	9.240	1215	1217	1222	rVB2	231	380	0.06%	0.007%
39	9.301	1222	1227	1229	rBV2	244	358	0.05%	0.007%
40	9.355	1232	1236	1242	rVB	374	720	0.11%	0.014%
41	9.508	1257	1261	1266	rVV2	1401	2345	0.35%	0.044%
42	9.575	1269	1272	1274	rVB2	336	417	0.06%	0.008%
43	9.715	1290	1295	1296	rBV2	259	337	0.05%	0.006%
44	9.892	1316	1324	1334	rVB	92540	164455	24.32%	3.089%
45	9.983	1334	1339	1342	rBV3	848	1207	0.18%	0.023%
46	10.069	1347	1353	1356	rVB4	847	1245	0.18%	0.023%
47	10.178	1363	1371	1378	rBV	289707	498857	73.77%	9.371%
48	10.239	1378	1381	1389	rVB	5123	7967	1.18%	0.150%
49	10.435	1403	1413	1420	rBV	65754	110724	16.37%	2.080%
50	10.489	1420	1422	1426	rVB3	429	452	0.07%	0.008%
51	10.581	1430	1437	1446	rVB	31640	56571	8.37%	1.063%
52	10.697	1452	1456	1458	rBV3	290	463	0.07%	0.009%
53	10.715	1458	1459	1464	rVB	612	419	0.06%	0.008%
54	10.788	1464	1471	1483	rBV	139591	218477	32.31%	4.104%
55	10.947	1488	1497	1505	rBV	19619	36308	5.37%	0.682%
56	11.038	1509	1512	1521	rVB5	1116	2109	0.31%	0.040%
57	11.136	1525	1528	1530	rBV2	322	379	0.06%	0.007%
58	11.270	1546	1550	1552	rBV2	445	601	0.09%	0.011%
59	11.319	1552	1558	1564	rVV2	26177	42857	6.34%	0.805%
60	11.489	1579	1586	1596	rVB	285913	460229	68.06%	8.646%
61	11.581	1599	1601	1602	rBV	594	487	0.07%	0.009%
62	11.696	1618	1620	1626	rVB3	919	1335	0.20%	0.025%
63	11.782	1632	1634	1638	rBV3	251	462	0.07%	0.009%
64	11.825	1638	1641	1643	rVV2	201	314	0.05%	0.006%
65	11.892	1650	1652	1656	rVV3	374	579	0.09%	0.011%
66	11.977	1663	1666	1669	rVV3	419	616	0.09%	0.012%
67	12.001	1669	1670	1672	rVV	480	389	0.06%	0.007%
68	12.038	1672	1676	1678	rVV3	802	1219	0.18%	0.023%
69	12.385	1719	1733	1737	rBV9	4250	17737	2.62%	0.333%
70	12.489	1741	1750	1756	rVV	132256	232787	34.42%	4.373%
71	12.562	1756	1762	1768	rVB	148408	236514	34.97%	4.443%
72	12.623	1770	1772	1778	rVB3	807	1281	0.19%	0.024%
73	12.733	1788	1790	1793	rBV2	408	433	0.06%	0.008%
74	12.818	1799	1804	1810	rBV	12345	21940	3.24%	0.412%
75	12.940	1811	1824	1836	rVB6	9996	49568	7.33%	0.931%
76	13.062	1836	1844	1852	rBV7	5828	18753	2.77%	0.352%

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77	13.184	1859	1864	1872	rVB2	12048	19569	2.89%	0.368%
78	13.282	1874	1880	1885	rVB5	2704	4240	0.63%	0.080%
79	13.422	1897	1903	1909	rBV	274862	416554	61.60%	7.825%
80	13.483	1909	1913	1916	rVB4	1503	2296	0.34%	0.043%
81	13.525	1916	1920	1925	rBV5	4448	6952	1.03%	0.131%
82	13.635	1933	1938	1942	rBV5	4470	9904	1.46%	0.186%
83	13.721	1945	1952	1959	rVB	282290	428420	63.35%	8.048%
84	13.781	1959	1962	1967	rVB5	908	1276	0.19%	0.024%
85	13.879	1976	1978	1980	rBV2	479	503	0.07%	0.009%
86	13.903	1980	1982	1983	rVV	459	442	0.07%	0.008%
87	13.964	1986	1992	1998	rBV2	19332	33696	4.98%	0.633%
88	14.092	2011	2013	2017	rVB4	549	551	0.08%	0.010%
89	14.263	2035	2041	2046	rVB5	1539	3678	0.54%	0.069%
90	14.397	2062	2063	2065	rVB2	641	302	0.04%	0.006%
91	14.476	2074	2076	2078	rBV3	673	438	0.06%	0.008%
92	14.629	2094	2101	2106	rBV7	2208	4156	0.61%	0.078%
93	14.702	2110	2113	2114	rBV2	621	743	0.11%	0.014%
94	14.733	2114	2118	2124	rVB7	1465	3224	0.48%	0.061%
95	15.062	2170	2172	2174	rBV3	645	643	0.10%	0.012%
96	15.232	2196	2200	2206	rVB	2783	5008	0.74%	0.094%
97	15.312	2209	2213	2219	rBV4	4564	7358	1.09%	0.138%
98	15.391	2221	2226	2228	rBV4	1615	2767	0.41%	0.052%
99	15.531	2247	2249	2251	rBV3	1007	1110	0.16%	0.021%
100	16.110	2342	2344	2346	rBV3	797	939	0.14%	0.018%

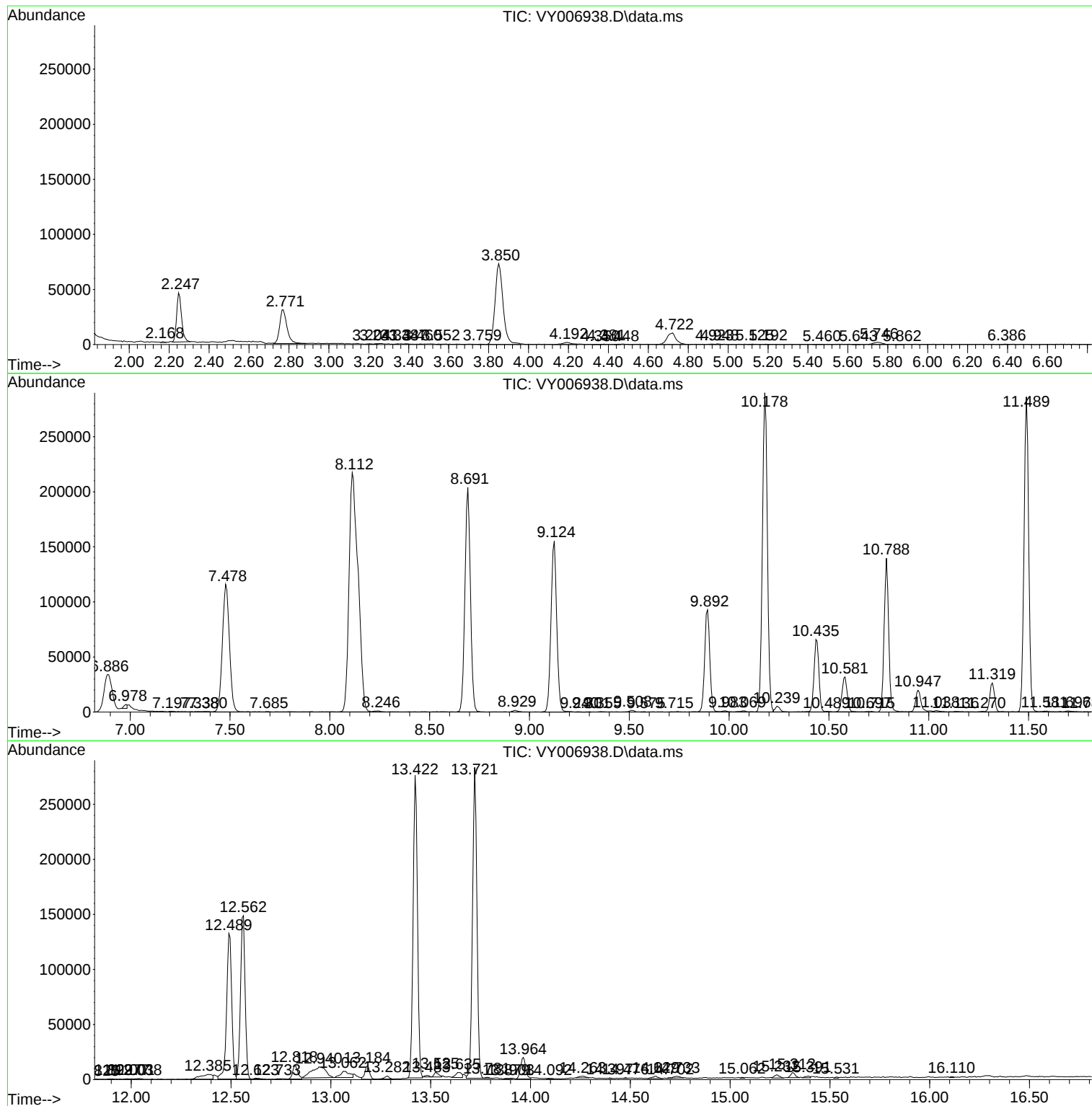
Sum of corrected areas: 5323287

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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



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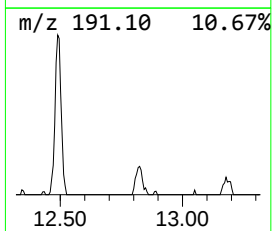
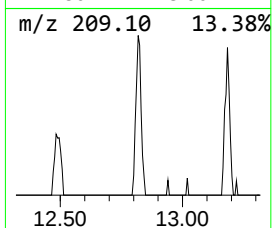
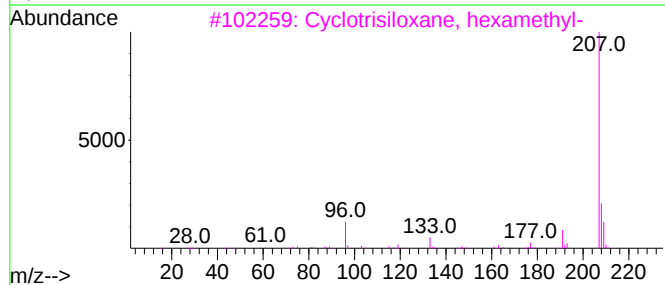
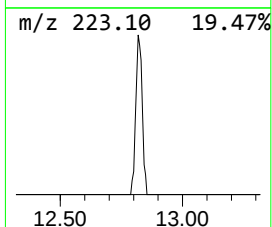
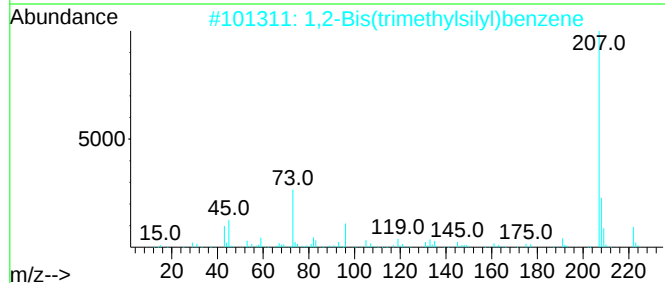
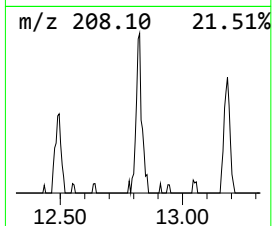
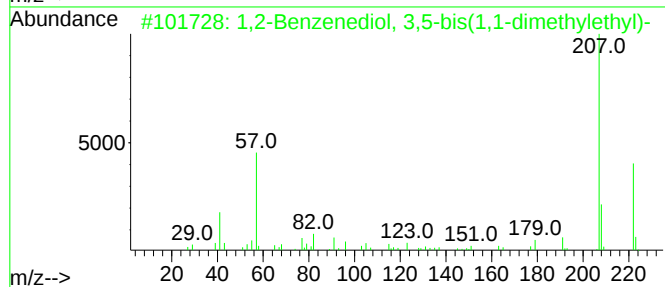
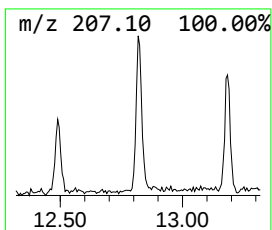
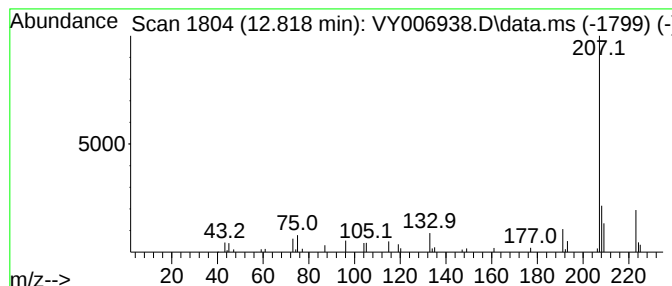
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120321SMA.M
Quant Title : VOC Analysis

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

Peak Number 7 1,2-Benzenediol, 3,5-bis(1,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.818	1.32 ug/L	21940	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenediol, 3,5-bis(1,1-dim...	222	C14H22O2	001020-31-1	59		
2	1,2-Bis(trimethylsilyl)benzene	222	C12H22Si2	017151-09-6	53		
3	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	45		
4	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	45		
5	1,4-Bis(trimethylsilyl)benzene	222	C12H22Si2	013183-70-5	42		



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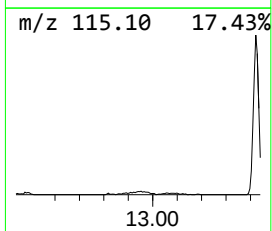
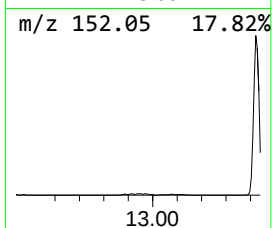
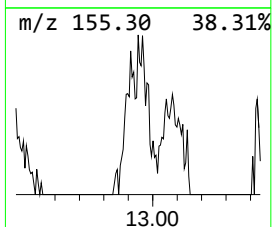
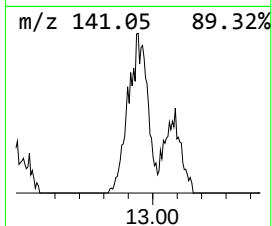
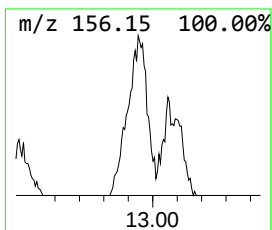
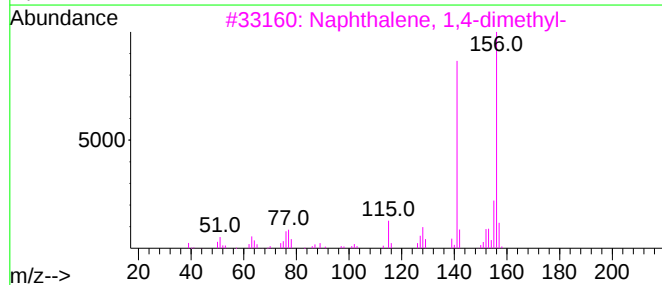
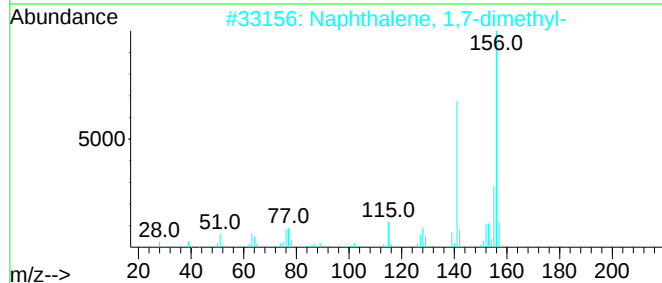
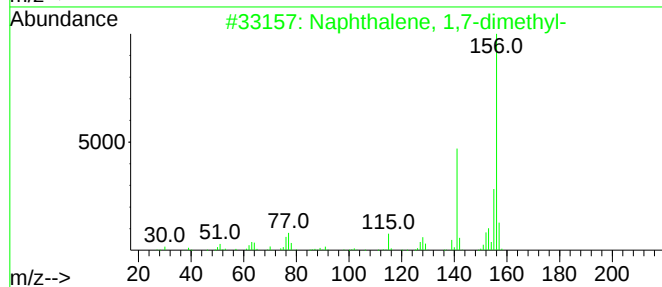
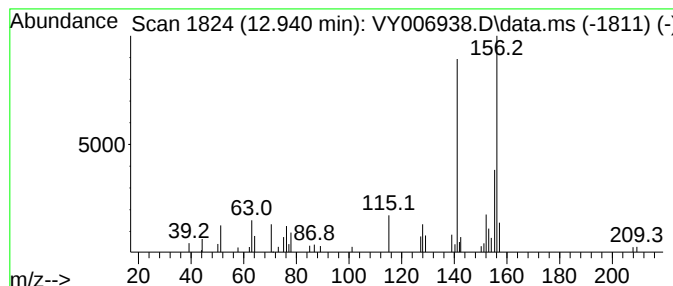
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLEM120321SMA.M
Quant Title : VOC Analysis

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

Peak Number 8 Naphthalene, 1,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.940	2.97 ug/L	49568	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



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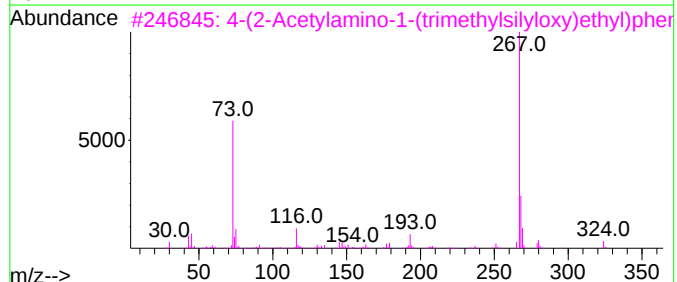
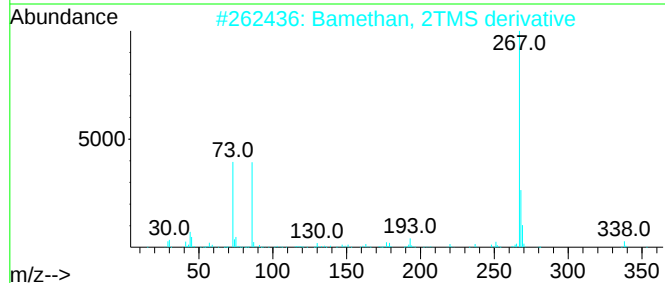
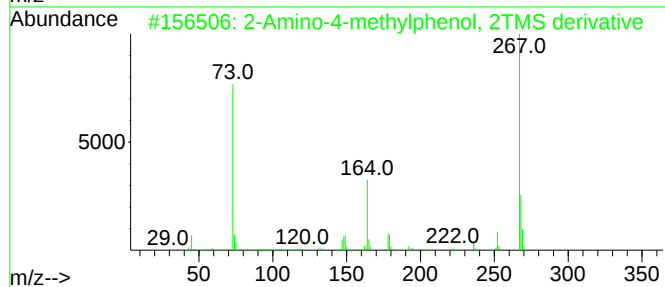
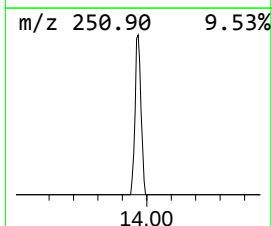
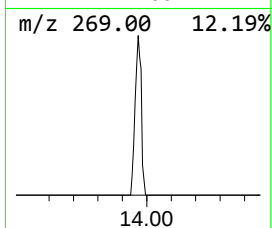
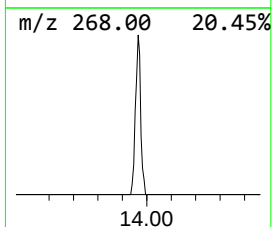
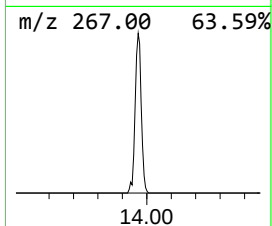
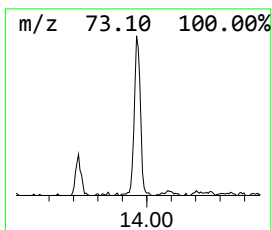
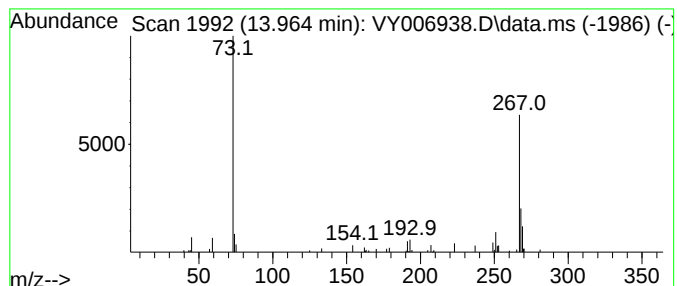
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLM120321SMA.M
Quant Title : VOC Analysis

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

Peak Number 9 2-Amino-4-methylphenol, 2TM... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.964	2.02 ug/L	33696	1,4-Dichlorobenzene-d4	13.422

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Amino-4-methylphenol, 2TMS der...	267	C13H25NOSi2	1000373-28-1	64
2			Bamethan, 2TMS derivative	353	C18H35NO2Si2	040629-66-1	64
3			4-(2-Acetylamino-1-(trimethylsil...	339	C16H29NO3Si2	1000373-43-5	50
4			4-(2-amino-1-hydroxypropyl)pheno...	311	C15H29NO2Si2	1000478-98-6	50
5			Bamethan, 2TMS derivative	353	C18H35NO2Si2	040629-66-1	50



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
Data File : VY006938.D
Acq On : 04 Dec 2021 13:58
Operator : SY/MD
Sample : M4884-08
Misc : 5.61g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EW9J4

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
1,2-Benzenediol...	12.818	1.3	ug/L	21940	3	13.422	416554	25.0
Naphthalene, 1,...	12.940	3.0	ug/L	49568	3	13.422	416554	25.0
2-Amino-4-methy...	13.964	2.0	ug/L	33696	3	13.422	416554	25.0