

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
 Data File : VY006939.D
 Acq On : 04 Dec 2021 14:20
 Operator : SY/MD
 Sample : M4884-09
 Misc : 3.19g/10.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EW9J5

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: VY006939.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.247	65	70	78	rVB	32503	53695	11.42%	1.468%
2	2.765	149	155	170	rVB	23411	55232	11.75%	1.510%
3	3.326	245	247	248	rBV	330	211	0.04%	0.006%
4	3.546	280	283	286	rBV2	244	324	0.07%	0.009%
5	3.637	296	298	302	rBV	279	360	0.08%	0.010%
6	3.686	302	306	308	rBV2	297	393	0.08%	0.011%
7	3.759	317	318	321	rVB	328	282	0.06%	0.008%
8	3.857	323	334	346	rBV2	48218	135198	28.75%	3.697%
9	3.991	355	356	358	rBV	302	179	0.04%	0.005%
10	4.070	367	369	371	rBV	206	158	0.03%	0.004%
11	4.192	380	389	400	rVB3	2081	6705	1.43%	0.183%
12	4.277	400	403	406	rBV2	338	331	0.07%	0.009%
13	4.436	426	429	432	rVB	162	198	0.04%	0.005%
14	4.479	432	436	438	rBV3	263	431	0.09%	0.012%
15	4.515	441	442	446	rBB2	244	239	0.05%	0.007%
16	4.716	463	475	489	rBV2	13149	41772	8.88%	1.142%
17	4.850	496	497	501	rBV	184	177	0.04%	0.005%
18	4.924	504	509	510	rBV2	493	632	0.13%	0.017%
19	5.125	539	542	543	rBV	320	242	0.05%	0.007%
20	5.167	547	549	553	rVV2	310	394	0.08%	0.011%
21	5.228	557	559	561	rVV	278	199	0.04%	0.005%
22	5.295	569	570	573	rVB	308	195	0.04%	0.005%
23	5.326	573	575	577	rBV	223	244	0.05%	0.007%
24	5.362	577	581	583	rVB	267	293	0.06%	0.008%
25	5.430	591	592	595	rVB2	301	187	0.04%	0.005%
26	5.576	612	616	618	rVV3	229	247	0.05%	0.007%
27	5.753	638	645	654	rVB4	1764	4873	1.04%	0.133%
28	5.887	662	667	670	rBV	379	638	0.14%	0.017%
29	5.960	676	679	680	rBV2	230	187	0.04%	0.005%
30	6.039	690	692	697	rVB2	230	348	0.07%	0.010%
31	6.076	697	698	701	rBV	287	387	0.08%	0.011%
32	6.161	710	712	714	rBV	228	189	0.04%	0.005%
33	6.253	725	727	729	rBV	226	231	0.05%	0.006%
34	6.277	729	731	735	rBV3	209	326	0.07%	0.009%
35	6.320	737	738	740	rBV	189	207	0.04%	0.006%
36	6.368	745	746	748	rBV	270	160	0.03%	0.004%

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37	6.527	767	772	773	rBV	323	418	0.09%	0.011%
38	6.582	778	781	783	rBV2	254	341	0.07%	0.009%
39	6.600	783	784	787	rVB	256	201	0.04%	0.005%
40	6.643	787	791	792	rBV	186	227	0.05%	0.006%
41	6.722	801	804	806	rBV2	189	232	0.05%	0.006%
42	6.746	806	808	810	rBV	408	338	0.07%	0.009%
43	6.820	817	820	821	rBV	252	293	0.06%	0.008%
44	6.893	822	832	840	rBV2	25258	72273	15.37%	1.976%
45	7.338	904	905	906	rBV	288	163	0.03%	0.004%
46	7.478	918	928	940	rBV	81304	198484	42.21%	5.427%
47	7.862	988	991	992	rBV	259	168	0.04%	0.005%
48	7.880	992	994	995	rBV	269	240	0.05%	0.007%
49	8.112	1022	1032	1046	rBV2	148341	470226	100.00%	12.857%
50	8.240	1047	1053	1060	rVB3	5117	11310	2.41%	0.309%
51	8.520	1098	1099	1102	rBV2	374	277	0.06%	0.008%
52	8.691	1118	1127	1139	rBV	179218	350696	74.58%	9.589%
53	8.874	1154	1157	1158	rBV3	257	277	0.06%	0.008%
54	8.929	1162	1166	1173	rVB6	1311	2527	0.54%	0.069%
55	9.118	1185	1197	1206	rBV	105495	215986	45.93%	5.905%
56	9.362	1235	1237	1244	rBV2	234	475	0.10%	0.013%
57	9.447	1248	1251	1253	rVB	273	205	0.04%	0.006%
58	9.508	1257	1261	1266	rVB3	1134	1853	0.39%	0.051%
59	9.569	1266	1271	1275	rBV3	315	776	0.17%	0.021%
60	9.691	1289	1291	1292	rBV	346	302	0.06%	0.008%
61	9.746	1297	1300	1307	rVV2	400	702	0.15%	0.019%
62	9.831	1311	1314	1316	rBV2	348	390	0.08%	0.011%
63	9.892	1316	1324	1334	rVB	57395	102766	21.85%	2.810%
64	9.965	1334	1336	1338	rBV2	517	514	0.11%	0.014%
65	10.032	1344	1347	1348	rBV	226	263	0.06%	0.007%
66	10.069	1348	1353	1357	rVV3	1104	1835	0.39%	0.050%
67	10.179	1364	1371	1377	rBV	174535	301947	64.21%	8.256%
68	10.246	1377	1382	1389	rVB	9733	15674	3.33%	0.429%
69	10.362	1399	1401	1404	rBV	384	381	0.08%	0.010%
70	10.392	1404	1406	1407	rVV	289	154	0.03%	0.004%
71	10.435	1407	1413	1421	rVB	39409	64463	13.71%	1.763%
72	10.502	1421	1424	1427	rBV	226	335	0.07%	0.009%
73	10.581	1429	1437	1447	rBV	29816	54958	11.69%	1.503%
74	10.715	1457	1459	1464	rVB2	514	470	0.10%	0.013%
75	10.788	1464	1471	1480	rBV	83511	136751	29.08%	3.739%
76	10.898	1488	1489	1490	rBV	250	169	0.04%	0.005%

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 Title : VOC Analysis

77	10.947	1491	1497	1506	rVV	20550	36530	7.77%	0.999%
78	11.148	1528	1530	1533	rVB2	360	305	0.06%	0.008%
79	11.203	1536	1539	1541	rBV3	298	463	0.10%	0.013%
80	11.276	1547	1551	1552	rBV3	566	624	0.13%	0.017%
81	11.319	1552	1558	1565	rVB	24229	40101	8.53%	1.096%
82	11.374	1565	1567	1570	rVB2	256	254	0.05%	0.007%
83	11.416	1573	1574	1576	rBV	302	172	0.04%	0.005%
84	11.489	1579	1586	1593	rBV	231230	373065	79.34%	10.200%
85	11.697	1617	1620	1626	rVB3	969	1612	0.34%	0.044%
86	11.959	1660	1663	1667	rBV3	613	927	0.20%	0.025%
87	12.026	1672	1674	1681	rVB3	861	1411	0.30%	0.039%
88	12.178	1697	1699	1701	rBV2	219	205	0.04%	0.006%
89	12.331	1721	1724	1728	rBV4	913	1589	0.34%	0.043%
90	12.489	1742	1750	1756	rBV	110422	184387	39.21%	5.041%
91	12.562	1756	1762	1769	rVB	93274	151066	32.13%	4.130%
92	12.818	1798	1804	1810	rBV	9686	16172	3.44%	0.442%
93	13.178	1859	1863	1874	rVB	9457	14765	3.14%	0.404%
94	13.422	1893	1903	1910	rBV	165875	259535	55.19%	7.096%
95	13.526	1916	1920	1930	rVB3	4752	8085	1.72%	0.221%
96	13.721	1946	1952	1960	rVB	127917	198862	42.29%	5.437%
97	13.965	1988	1992	2000	rVB	17495	28662	6.10%	0.784%
98	15.233	2197	2200	2205	rVB4	1842	2798	0.60%	0.077%
99	15.312	2210	2213	2219	rBV3	5258	8018	1.71%	0.219%
100	15.385	2221	2225	2231	rVV2	6463	11699	2.49%	0.320%

Sum of corrected areas: 3657431

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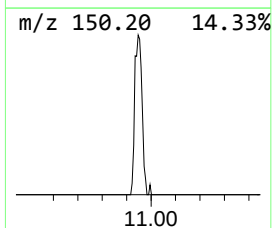
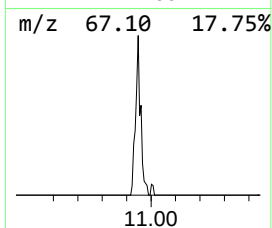
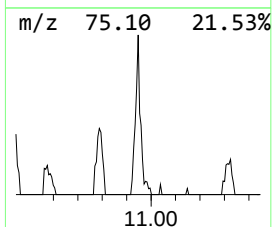
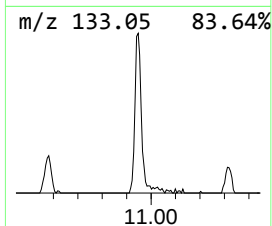
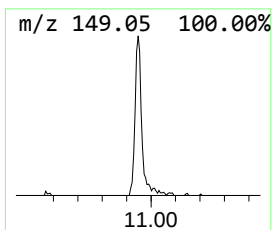
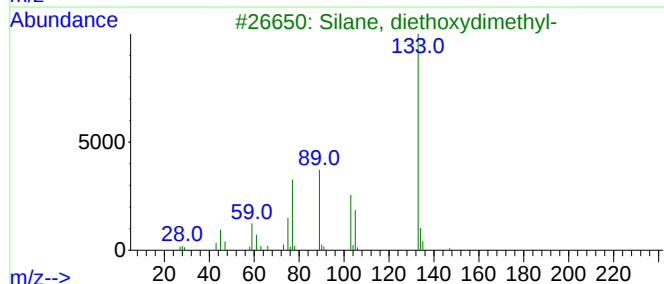
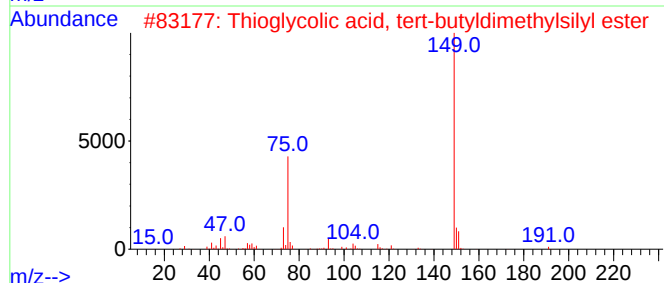
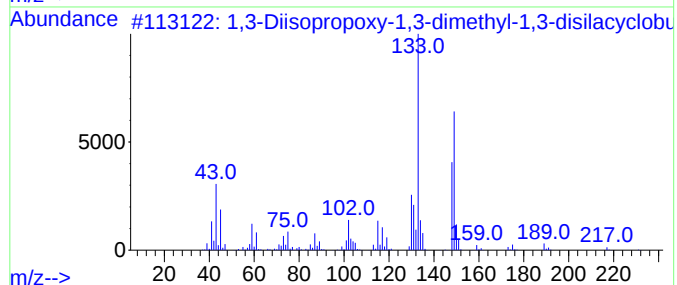
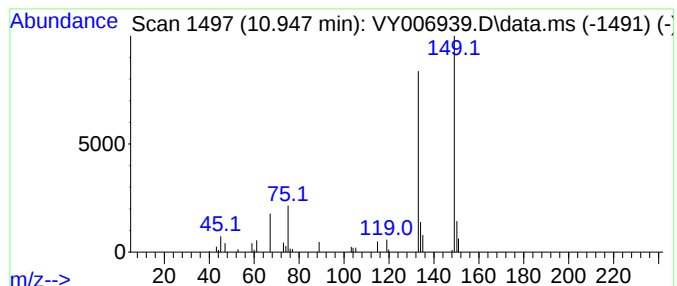
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL120321SMA.M
Quant Title : VOC Analysis

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

Peak Number 4 1,3-Diisopropoxy-1,3-dimeth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.947	2.45 ug/L	36530	Chlorobenzene-d5	11.489

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Diisopropoxy-1,3-dimethyl-1,...	232	C10H24O2Si2	198066-66-9	72
2			Thioglycolic acid, tert-butyldim...	206	C8H18O2SSi	1000476-01-2	32
3			Silane, diethoxydimethyl-	148	C6H16O2Si	000078-62-6	25
4			m-Tolyl isothiocyanate	149	C8H7NS	000621-30-7	25
5			Pyridine, 2-methyl-5-(1-methylet...	133	C9H11N	056057-93-3	17



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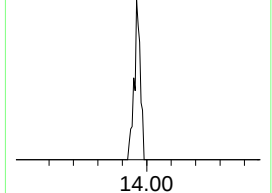
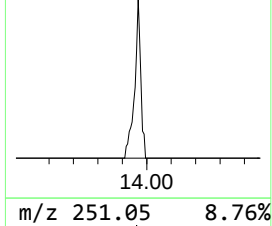
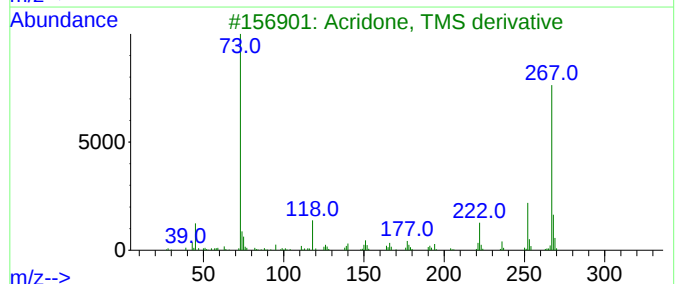
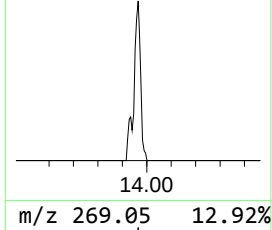
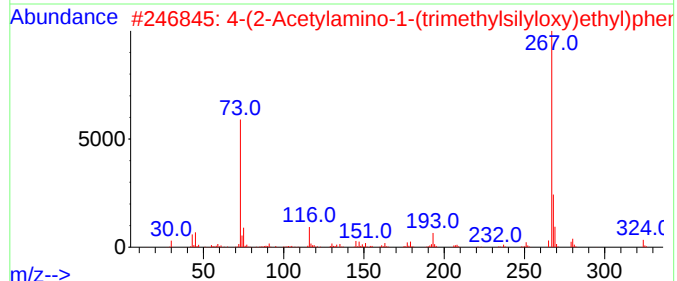
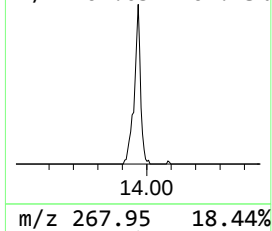
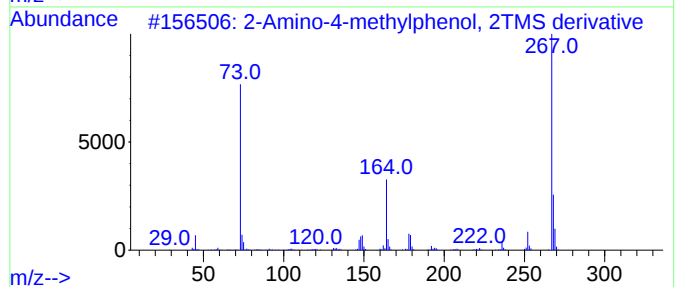
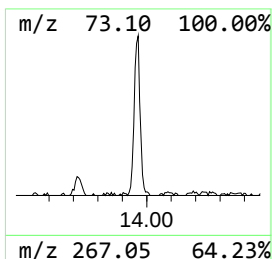
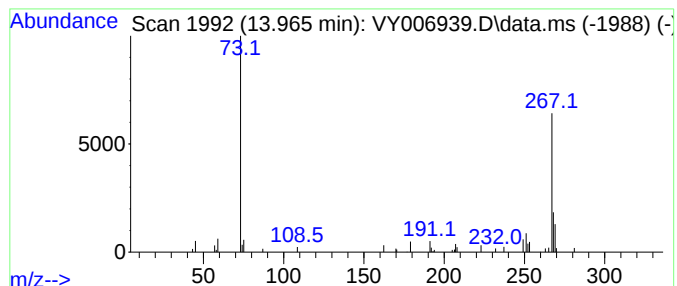
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLM120321SMA.M
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TIC Integration Parameters: LSCINT.P

Peak Number 9 2-Amino-4-methylphenol, 2TM... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.965	2.76 ug/L	28662	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			4-(2-Acetylamino-1-(trimethylsil...	339	C16H29NO3Si2	1000373-43-5	56
3			Acridone, TMS derivative	267	C16H17NOSi	1000478-16-0	53
4			Benzeneethanamine, N-[(pentaflu...	475	C21H26F5NO2Si2	055429-85-1	50
5			2-[(Trimethylsilyl)oxy]-2-{4-[(t...	297	C14H27NO2Si2	1000473-27-9	45



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1,3-Diisopropox...	10.947	2.5	ug/L	36530	2	11.489	373065	25.0
2-Amino-4-methy...	13.965	2.8	ug/L	28662	3	13.422	259535	25.0