LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
Data File : VY006944.D
Acq On : 04 Dec 2021 16:09
Operator : SY/MD
Sample : M4884-14
Misc : 3.31g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EW9K0

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\SFAMYLM120321SMA.M
Title : VOC Analysis

Signal : TIC: VY006944.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	79	rVB	45937	76815	1.57%	0.953%
2	2.509	107	113	118	rBV6	2612	6267	0.13%	0.078%
3	2.765	148	155	167	rBV	25709	62896	1.28%	0.780%
4	3.247	232	234	236	rVV2	424	455	0.01%	0.006%
5	3.734	310	314	316	rBV2	309	426	0.01%	0.005%
6	3.850	323	333	346	rBV	48532	129731	2.65%	1.609%
7	4.204	381	391	397	rVV4	2280	6728	0.14%	0.083%
8	4.253	397	399	403	rVV2	530	594	0.01%	0.007%
9	4.320	407	410	411	rBV	349	340	0.01%	0.004%
10	4.478	431	436	438	rBV2	243	374	0.01%	0.005%
11	4.497	438	439	444	rVB	270	333	0.01%	0.004%
12	4.545	444	447	449	rBV	240	309	0.01%	0.004%
13	4.716	463	475	488	rBV3	11301	35355	0.72%	0.439%
14	4.942	505	512	513	rBV3	470	1039	0.02%	0.013%
15	5.222	555	558	561	rVV	244	346	0.01%	0.004%
16	5.313	571	573	578	rVB2	242	355	0.01%	0.004%
17	5.478	596	600	603	rBV	293	415	0.01%	0.005%
18	5.746	638	644	652	rBV5	1786	5537	0.11%	0.069%
19	6.222	718	722	726	rBV2	251	424	0.01%	0.005%
20	6.356	740	744	746	rVV	230	312	0.01%	0.004%
21	6.411	750	753	754	rBV2	260	314	0.01%	0.004%
22	6.472	760	763	767	rBV2	279	360	0.01%	0.004%
23	6.746	804	808	811	rBV2	439	694	0.01%	0.009%
24	6.795	814	816	819	rVB4	336	375	0.01%	0.005%
25	6.892	819	832	839	rBV	20733	63436	1.29%	0.787%
26	6.978	840	846	854	rVB	8269	22506	0.46%	0.279%
27	7.374	908	911	913	rBV3	386	432	0.01%	0.005%
28	7.478	917	928	940	rBV	63796	170101	3.47%	2.110%
29	7.636	950	954	957	rBV2	240	315	0.01%	0.004%
30	7.685	960	962	964	rBV2	487	372	0.01%	0.005%
31	7.703	964	965	969	rVB	468	305	0.01%	0.004%
32	7.978	1003	1010	1011	rBV3	178	319	0.01%	0.004%
33	8.118	1022	1033	1047	rBV4	141668	441330	9.01%	5.475%
34	8.240	1047	1053	1059	rVB2	5727	10933	0.22%	0.136%
35	8.386	1072	1077	1080	rBV3	325	448	0.01%	0.006%
36	8.465	1088	1090	1092	rVB2	452	447	0.01%	0.006%

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Misc : 3.31g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EW9K0

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\SFAMYLM120321SMA.M
Title : VOC Analysis

37	8.502	1094	1096	1099	rVV	279	308	0.01%	0.004%
38	8.691	1117	1127	1138	rBV	150066	287744	5.87%	3.570%
39	8.941	1158	1168	1186	rBV	2615884	4900655	100.00%	60.795%
40	9.063	1186	1188	1190	rBV2	891	1027	0.02%	0.013%
41	9.124	1190	1198	1208	rVV	92907	185093	3.78%	2.296%
42	9.410	1240	1245	1246	rBV	340	339	0.01%	0.004%
43	9.447	1246	1251	1254	rBV3	435	520	0.01%	0.006%
44	9.563	1265	1270	1274	rVV4	612	983	0.02%	0.012%
45	9.746	1294	1300	1303	rBV4	560	1046	0.02%	0.013%
46	9.892	1317	1324	1331	rVV	43602	78976	1.61%	0.980%
47	10.069	1348	1353	1357	rBV4	1292	2216	0.05%	0.027%
48	10.105	1357	1359	1364	rVB3	467	613	0.01%	0.008%
49	10.178	1364	1371	1378	rBV	148966	244061	4.98%	3.028%
50	10.239	1378	1381	1389	rVB3	8875	14614	0.30%	0.181%
51	10.355	1398	1400	1404	rBV2	473	612	0.01%	0.008%
52	10.441	1407	1414	1420	rVV	29086	48919	1.00%	0.607%
53	10.575	1430	1436	1442	rVV	26970	51500	1.05%	0.639%
54	10.642	1442	1447	1454	rVV	63361	106907	2.18%	1.326%
55	10.715	1454	1459	1465	rVV2	12953	22533	0.46%	0.280%
56	10.788	1465	1471	1483	rVV	64154	108132	2.21%	1.341%
57	10.947	1491	1497	1509	rVV	16464	30017	0.61%	0.372%
58	11.038	1509	1512	1519	rVB8	880	1074	0.02%	0.013%
59	11.318	1549	1558	1566	rVB	29785	48698	0.99%	0.604%
60	11.489	1579	1586	1597	rVB	153875	245749	5.01%	3.049%
61	11.587	1597	1602	1608	rVV3	706	1364	0.03%	0.017%
62	11.666	1611	1615	1616	rBV4	335	436	0.01%	0.005%
63	11.690	1616	1619	1627	rVV4	1448	2893	0.06%	0.036%
64	11.812	1629	1639	1642	rBV3	287	748	0.02%	0.009%
65	11.904	1653	1654	1656	rBV2	428	310	0.01%	0.004%
66	11.965	1662	1664	1667	rBV3	447	493	0.01%	0.006%
67	12.032	1671	1675	1680	rVB4	1506	2256	0.05%	0.028%
68	12.117	1686	1689	1693	rVB2	270	430	0.01%	0.005%
69	12.337	1721	1725	1730	rVB4	1112	1501	0.03%	0.019%
70	12.489	1741	1750	1756	rBV	135670	228065	4.65%	2.829%
71	12.562	1756	1762	1769	rVB	61654	100981	2.06%	1.253%
72	12.623	1769	1772	1777	rBV3	1232	2058	0.04%	0.026%
73	12.715	1783	1787	1788	rBV3	346	354	0.01%	0.004%
74	12.739	1788	1791	1792	rVV2	435	471	0.01%	0.006%
75	12.757	1792	1794	1799	rVV3	684	907	0.02%	0.011%
76	12.824	1799	1805	1813	rVV	5917	9962	0.20%	0.124%

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ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EW9K0

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

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Peak separation: 5

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

77	12.952	1824	1826	1828	rBV3	406	399	0.01%	0.005%
78	13.032	1837	1839	1841	rBV2	442	470	0.01%	0.006%
79	13.068	1841	1845	1851	rVB2	2530	3940	0.08%	0.049%
80	13.123	1851	1854	1856	rBV3	614	695	0.01%	0.009%
81	13.184	1859	1864	1869	rVB	11347	16752	0.34%	0.208%
82	13.282	1872	1880	1887	rBV3	3281	5508	0.11%	0.068%
83	13.343	1888	1890	1891	rBV2	413	322	0.01%	0.004%
84	13.422	1898	1903	1909	rBV	73120	113193	2.31%	1.404%
85	13.477	1909	1912	1919	rVV3	3096	5950	0.12%	0.074%
86	13.525	1919	1920	1923	rVB3	755	557	0.01%	0.007%
87	13.635	1933	1938	1944	rBV5	2541	3971	0.08%	0.049%
88	13.721	1946	1952	1959	rVV	49164	79495	1.62%	0.986%
89	13.775	1959	1961	1966	rVV5	1070	1168	0.02%	0.014%
90	13.964	1985	1992	2001	rVB2	17635	30261	0.62%	0.375%
91	14.050	2001	2006	2007	rBV4	422	703	0.01%	0.009%
92	14.159	2022	2024	2029	rVV6	887	1145	0.02%	0.014%
93	14.446	2069	2071	2072	rBV2	391	316	0.01%	0.004%
94	14.611	2093	2098	2100	rBV4	1442	2229	0.05%	0.028%
95	15.050	2167	2170	2172	rBV3	741	987	0.02%	0.012%
96	15.220	2196	2198	2199	rBV	908	771	0.02%	0.010%
97	15.312	2210	2213	2218	rVB3	3807	5803	0.12%	0.072%
98	15.391	2221	2226	2233	rBV3	3295	6483	0.13%	0.080%
99	15.702	2275	2277	2283	rVB5	849	1493	0.03%	0.019%
100	15.763	2283	2287	2289	rBV4	633	1043	0.02%	0.013%

Sum of corrected areas: 8060957

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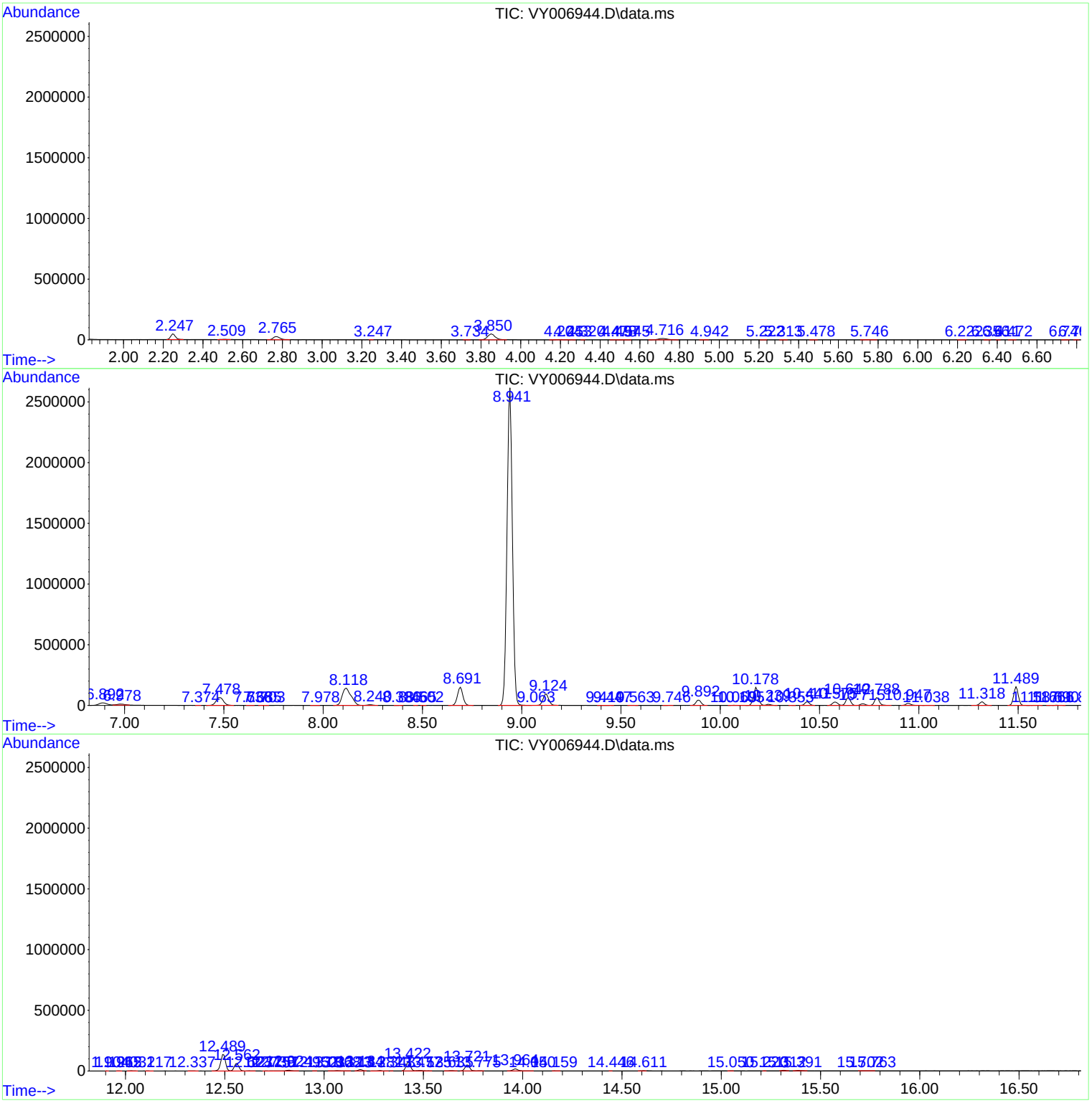
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EW9K0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
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ClientSampleId :
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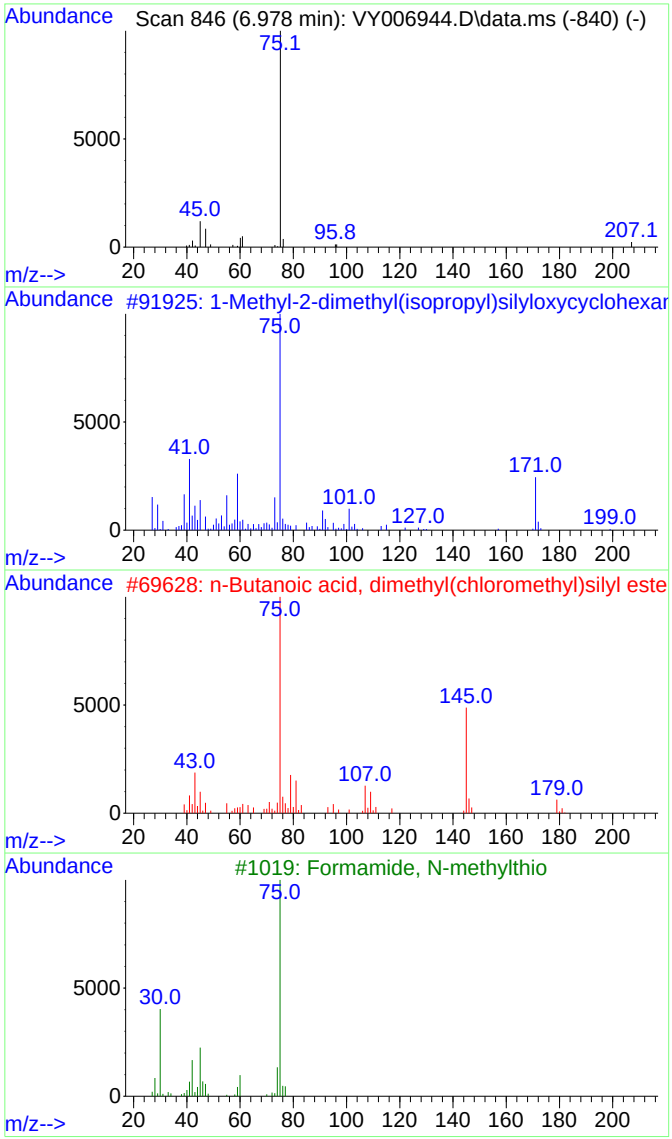
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLM120321SMA.M
Quant Title : VOC Analysis

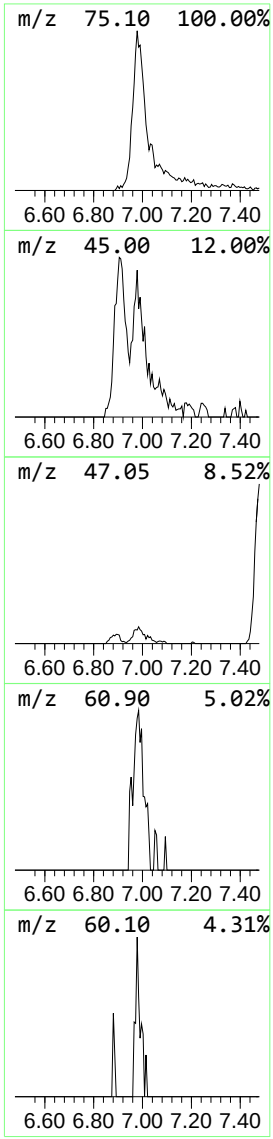
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-Methyl-2-dimethyl(isoprop... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.978	1.96 ug/L	22506	1,4-Difluorobenzene	8.691

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-2-dimethyl(isopropyl)si...	214	C12H26OSi	1010278-72-7	64
2	n-Butanoic acid, dimethyl(chloro...	194	C7H15ClO2Si	1000217-07-0	40
3	Formamide, N-methylthio	75	C2H5NS	018952-41-5	9
4	Octanal dimethyl acetal	174	C10H22O2	010022-28-3	9
5	Dimethyl(isopropyl)silyloxycyclo...	200	C11H24OSi	213737-69-0	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
Data File : VY006944.D
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Operator : SY/MD
Sample : M4884-14
Misc : 3.31g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EW9K0

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

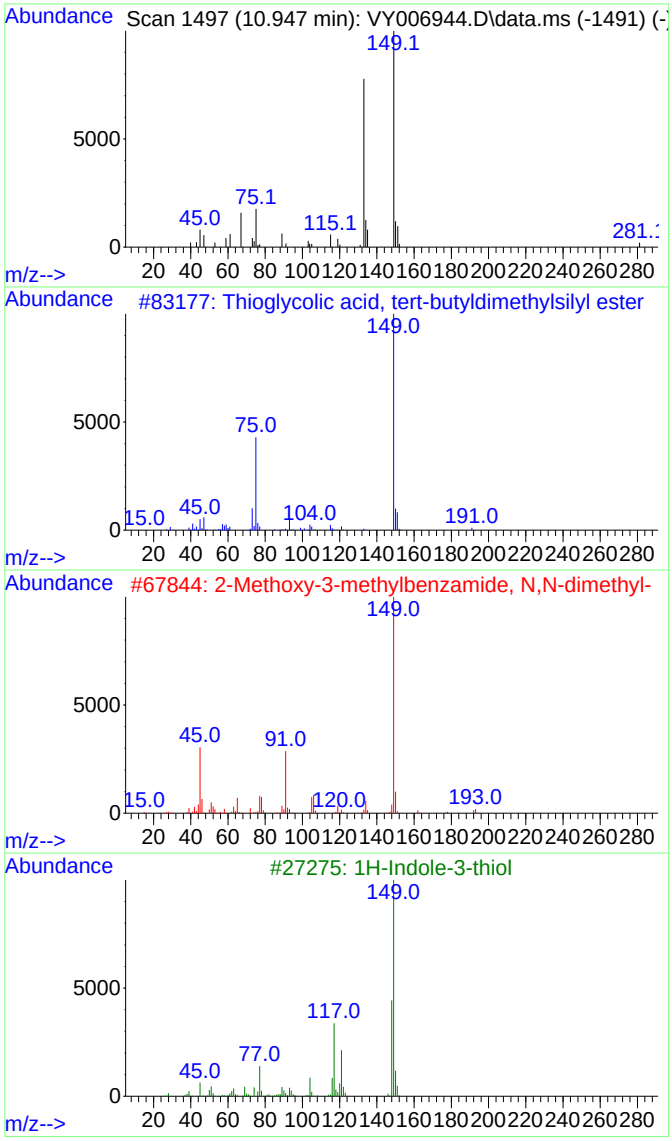
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

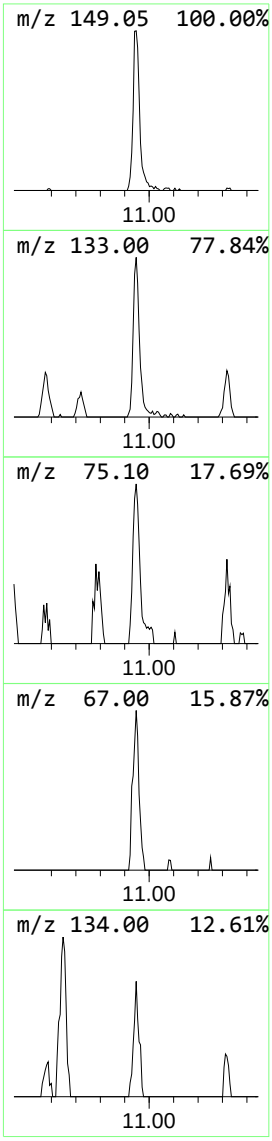
****

Peak Number 5 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.947	3.05 ug/L	30017	Chlorobenzene-d5	11.489

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thioglycolic acid, tert-butyldim...	206	C8H18O2SSi	1000476-01-2	38
2	2-Methoxy-3-methylbenzamide, N,N...	193	C11H15NO2	1369798-01-5	37
3	1H-Indole-3-thiol	149	C8H7NS	000480-94-4	32
4	4-Ethylbenzoic acid, 3-methylbut...	218	C14H18O2	1000292-54-1	32
5	Benzeneacetaldehyde, 2-methoxy-....	178	C11H14O2	053155-90-1	32





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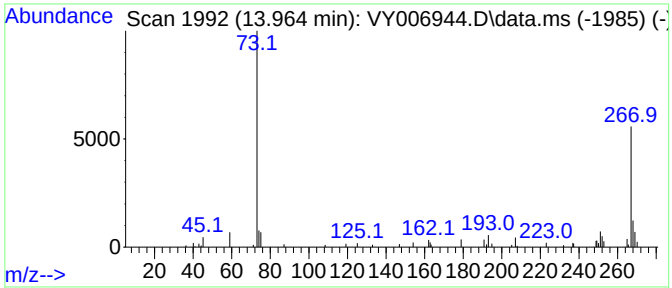
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLM120321SMA.M
Quant Title : VOC Analysis

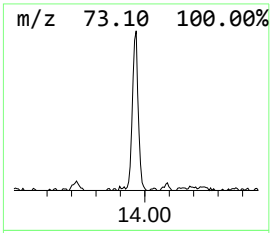
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

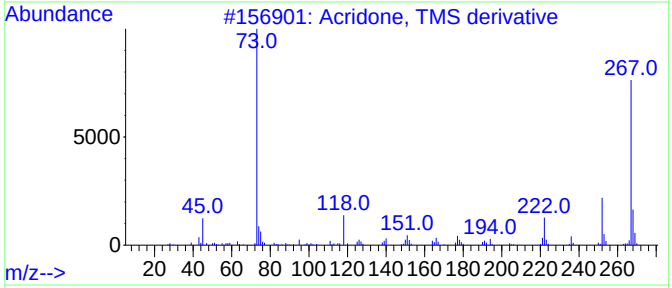
****
Peak Number 10 Acridone, TMS derivative Concentration Rank 3

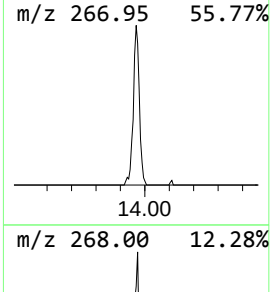
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.964	6.68 ug/L	30261	1,4-Dichlorobenzene-d4	13.428

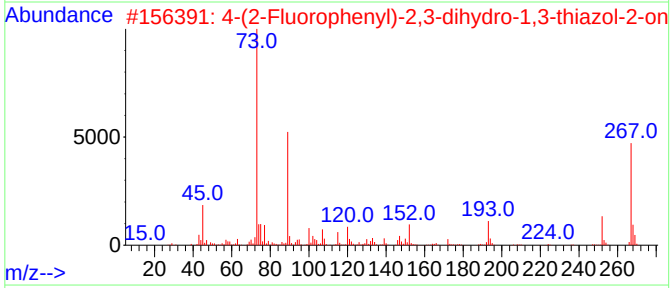
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridone, TMS derivative	267	C16H17NOSi	1000478-16-0	64
2	4-(2-Fluorophenyl)-2,3-dihydro-1...	267	C12H14FNOSSi	1000504-37-6	53
3	4-(Methylamino)phenol, N,O-bis(t...	267	C13H25NOSi2	1000471-13-0	50
4	2-[(Trimethylsilyl)oxy]-2-{4-[(t...	297	C14H27NO2Si2	1000473-27-9	50
5	Benzonitrile, 2-(2-hydroxy-5-nit...	267	C14H9N3O3	303768-30-1	46

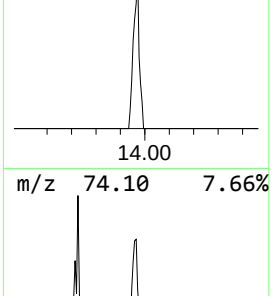


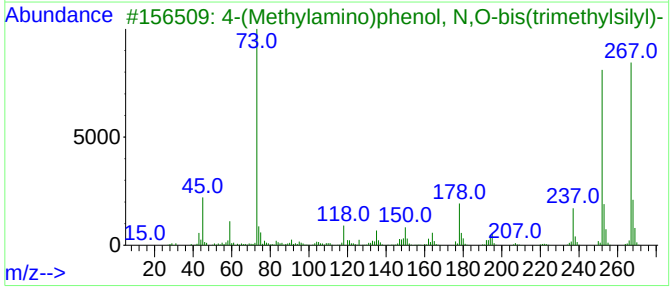


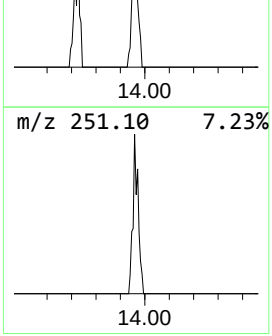












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Instrument :
MSVOA_Y
ClientSampleId :
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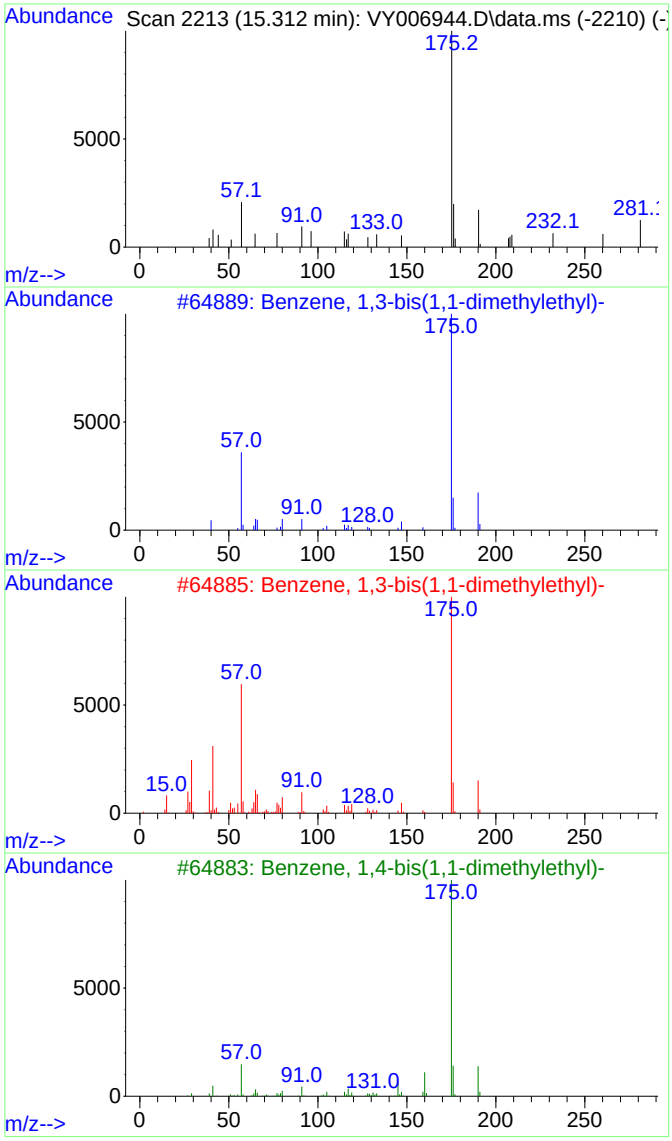
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYLM120321SMA.M
Quant Title : VOC Analysis

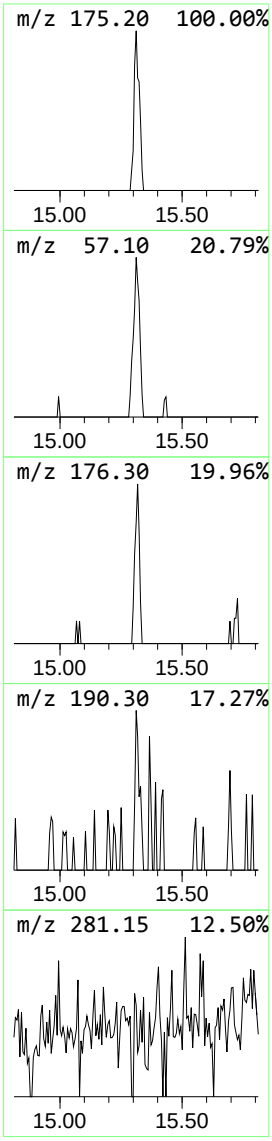
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.312	1.28 ug/L	5803	1,4-Dichlorobenzene-d4	13.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	53
2	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	53
3	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	53
4	Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	52
5	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120421\
Data File : VY006944.D
Acq On : 04 Dec 2021 16:09
Operator : SY/MD
Sample : M4884-14
Misc : 3.31g/10.0mL/MSVOA_Y/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
EW9K0

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Methyl-2-dime...	6.978	2.0	ug/L	22506	1	8.691	287744	25.0
unknown-01	10.947	3.0	ug/L	30017	2	11.489	245749	25.0
Acridone, TMS d...	13.964	6.7	ug/L	30261	3	13.428	113193	25.0
Benzene, 1,3-bi...	15.312	1.3	ug/L	5803	3	13.428	113193	25.0