LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY123020\
Data File : VY003862.D
Acq On : 30 Dec 2020 12:35
Operator : SY/MD
Sample : VY1230SBL02
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

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\SFAMYLM122920SMA.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.052	36	38	44	rVB2	1666	2662	0.17%	0.022%
2	2.113	44	48	51	rBV4	2993	4660	0.30%	0.038%
3	2.241	63	69	78	rBV	113111	188731	12.13%	1.553%
4	2.387	91	93	94	rBV	1465	727	0.05%	0.006%
5	2.528	111	116	122	rBV9	6177	16224	1.04%	0.133%
6	2.765	147	155	169	rVB	99487	197714	12.70%	1.627%
7	3.125	212	214	216	rBV2	1029	722	0.05%	0.006%
8	3.253	231	235	241	rVB5	3180	6078	0.39%	0.050%
9	3.338	246	249	252	rBV3	703	961	0.06%	0.008%
10	3.479	270	272	275	rBV3	525	810	0.05%	0.007%
11	3.857	323	334	347	rBV	172447	459172	29.50%	3.778%
12	4.052	360	366	369	rVB4	858	1564	0.10%	0.013%
13	4.625	455	460	461	rBV4	516	819	0.05%	0.007%
14	4.722	465	476	485	rBV3	18680	59386	3.82%	0.489%
15	4.936	502	511	512	rBV4	2623	5381	0.35%	0.044%
16	5.228	552	559	561	rBV7	2282	4283	0.28%	0.035%
17	5.472	596	599	602	rVB3	621	904	0.06%	0.007%
18	5.558	602	613	615	rBV6	2539	5322	0.34%	0.044%
19	5.704	635	637	638	rVV	923	756	0.05%	0.006%
20	5.753	638	645	657	rVV4	6713	20707	1.33%	0.170%
21	5.997	683	685	688	rVV2	755	898	0.06%	0.007%
22	6.039	688	692	693	rVB3	777	859	0.06%	0.007%
23	6.210	718	720	724	rVB3	512	762	0.05%	0.006%
24	6.490	763	766	769	rVB2	474	711	0.05%	0.006%
25	6.740	805	807	810	rVB2	839	724	0.05%	0.006%
26	6.765	810	811	816	rBV3	693	902	0.06%	0.007%
27	6.899	821	833	842	rBV2	68674	198597	12.76%	1.634%
28	6.996	842	849	868	rVV2	26890	99572	6.40%	0.819%
29	7.484	919	929	941	rVB	228452	572621	36.79%	4.711%
30	7.704	959	965	967	rBV6	1875	2941	0.19%	0.024%
31	7.783	973	978	984	rVB7	2896	6452	0.41%	0.053%
32	7.893	990	996	999	rBV7	1671	3348	0.22%	0.028%
33	8.118	1022	1033	1047	rVV3	508345	1556417	100.00%	12.806%
34	8.246	1049	1054	1058	rVB5	1996	3771	0.24%	0.031%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY123020\
Data File : VY003862.D
Acq On : 30 Dec 2020 12:35
Operator : SY/MD
Sample : VY1230SBL02
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

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\SFAMYLM122920SMA.M
Title : VOC Analysis

35	8.338	1066	1069	1071	rBV3	848	947	0.06%	0.008%
36	8.447	1083	1087	1089	rBV3	716	1142	0.07%	0.009%
37	8.466	1089	1090	1097	rVB4	917	1435	0.09%	0.012%
38	8.533	1097	1101	1104	rBV2	689	1370	0.09%	0.011%
39	8.691	1115	1127	1140	rBV	471123	907856	58.33%	7.470%
40	8.807	1143	1146	1149	rBV3	628	856	0.05%	0.007%
41	8.923	1159	1165	1174	rVV4	17797	35322	2.27%	0.291%
42	9.118	1188	1197	1219	rBV	313990	646591	41.54%	5.320%
43	9.508	1255	1261	1266	rVB6	2341	5603	0.36%	0.046%
44	9.612	1274	1278	1281	rBV2	428	738	0.05%	0.006%
45	9.740	1296	1299	1302	rBV2	650	894	0.06%	0.007%
46	9.886	1313	1323	1333	rVV	189228	347815	22.35%	2.862%
47	9.971	1335	1337	1341	rVB3	762	946	0.06%	0.008%
48	10.069	1348	1353	1359	rVB3	2930	5418	0.35%	0.045%
49	10.179	1363	1371	1378	rBV	624199	1070934	68.81%	8.811%
50	10.240	1378	1381	1386	rVB	4665	6890	0.44%	0.057%
51	10.374	1399	1403	1405	rBV3	584	896	0.06%	0.007%
52	10.435	1405	1413	1425	rVB	143975	240287	15.44%	1.977%
53	10.575	1427	1436	1444	rVV	217237	398797	25.62%	3.281%
54	10.642	1444	1447	1453	rVB5	2466	4450	0.29%	0.037%
55	10.715	1453	1459	1463	rBV5	5956	10845	0.70%	0.089%
56	10.788	1464	1471	1482	rVB	280744	458534	29.46%	3.773%
57	10.953	1488	1498	1509	rBV	46768	122057	7.84%	1.004%
58	11.270	1545	1550	1552	rBV4	2266	3309	0.21%	0.027%
59	11.319	1552	1558	1564	rVB2	38204	65614	4.22%	0.540%
60	11.489	1576	1586	1596	rVV	675561	1136395	73.01%	9.350%
61	11.587	1598	1602	1607	rVB2	5422	8899	0.57%	0.073%
62	11.697	1615	1620	1625	rVV4	4651	8591	0.55%	0.071%
63	12.032	1668	1675	1682	rVB3	7788	15349	0.99%	0.126%
64	12.105	1686	1687	1692	rVB4	627	695	0.04%	0.006%
65	12.209	1700	1704	1708	rVB3	1688	2445	0.16%	0.020%
66	12.325	1717	1723	1729	rBV2	6163	9473	0.61%	0.078%
67	12.489	1742	1750	1755	rVV	156746	254195	16.33%	2.091%
68	12.556	1755	1761	1768	rVV	316544	501959	32.25%	4.130%
69	12.629	1768	1773	1777	rVB4	1936	2596	0.17%	0.021%
70	12.745	1790	1792	1794	rVB3	715	726	0.05%	0.006%
71	12.806	1798	1802	1812	rBV8	8206	21485	1.38%	0.177%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY123020\
Data File : VY003862.D
Acq On : 30 Dec 2020 12:35
Operator : SY/MD
Sample : VY1230SBL02
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

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\SFAMYLM122920SMA.M
Title : VOC Analysis

72	12.904	1816	1818	1822	rVB3	1139	1429	0.09%	0.012%
73	12.953	1822	1826	1829	rVB5	1389	2126	0.14%	0.017%
74	13.062	1842	1844	1848	rVB4	957	1245	0.08%	0.010%
75	13.117	1848	1853	1859	rVB2	6001	10002	0.64%	0.082%
76	13.184	1859	1864	1868	rBV2	8670	13820	0.89%	0.114%
77	13.257	1873	1876	1877	rBV2	818	1030	0.07%	0.008%
78	13.282	1878	1880	1883	rVB3	1727	1636	0.11%	0.013%
79	13.355	1884	1892	1896	rBV4	5968	11464	0.74%	0.094%
80	13.422	1896	1903	1910	rVB	764469	1161066	74.60%	9.553%
81	13.635	1932	1938	1941	rBV4	1937	3878	0.25%	0.032%
82	13.715	1941	1951	1959	rVV	678403	1075404	69.09%	8.848%
83	13.782	1959	1962	1966	rVV4	2724	4457	0.29%	0.037%
84	13.824	1966	1969	1971	rVV3	1692	1830	0.12%	0.015%
85	13.898	1978	1981	1983	rVV3	1336	1423	0.09%	0.012%
86	13.959	1985	1991	1999	rVB2	37179	60251	3.87%	0.496%
87	14.099	2013	2014	2017	rVB3	1107	735	0.05%	0.006%
88	14.196	2027	2030	2039	rVB7	2740	4346	0.28%	0.036%
89	14.349	2052	2055	2059	rVB4	1393	1998	0.13%	0.016%
90	14.495	2072	2079	2085	rVB6	7759	15845	1.02%	0.130%
91	14.562	2087	2090	2093	rBV5	929	961	0.06%	0.008%
92	14.617	2093	2099	2100	rBV5	1080	2123	0.14%	0.017%
93	14.922	2147	2149	2152	rBV3	787	788	0.05%	0.006%
94	14.995	2158	2161	2168	rBV3	6631	10592	0.68%	0.087%
95	15.129	2180	2183	2184	rBV2	962	957	0.06%	0.008%
96	15.227	2193	2199	2206	rBV2	5525	10414	0.67%	0.086%
97	15.312	2206	2213	2218	rBV2	8793	16208	1.04%	0.133%
98	15.391	2220	2226	2227	rBV3	4552	7007	0.45%	0.058%
99	15.556	2251	2253	2255	rBV3	1044	1272	0.08%	0.010%
100	15.726	2278	2281	2284	rBV4	918	1182	0.08%	0.010%

Sum of corrected areas: 12154001

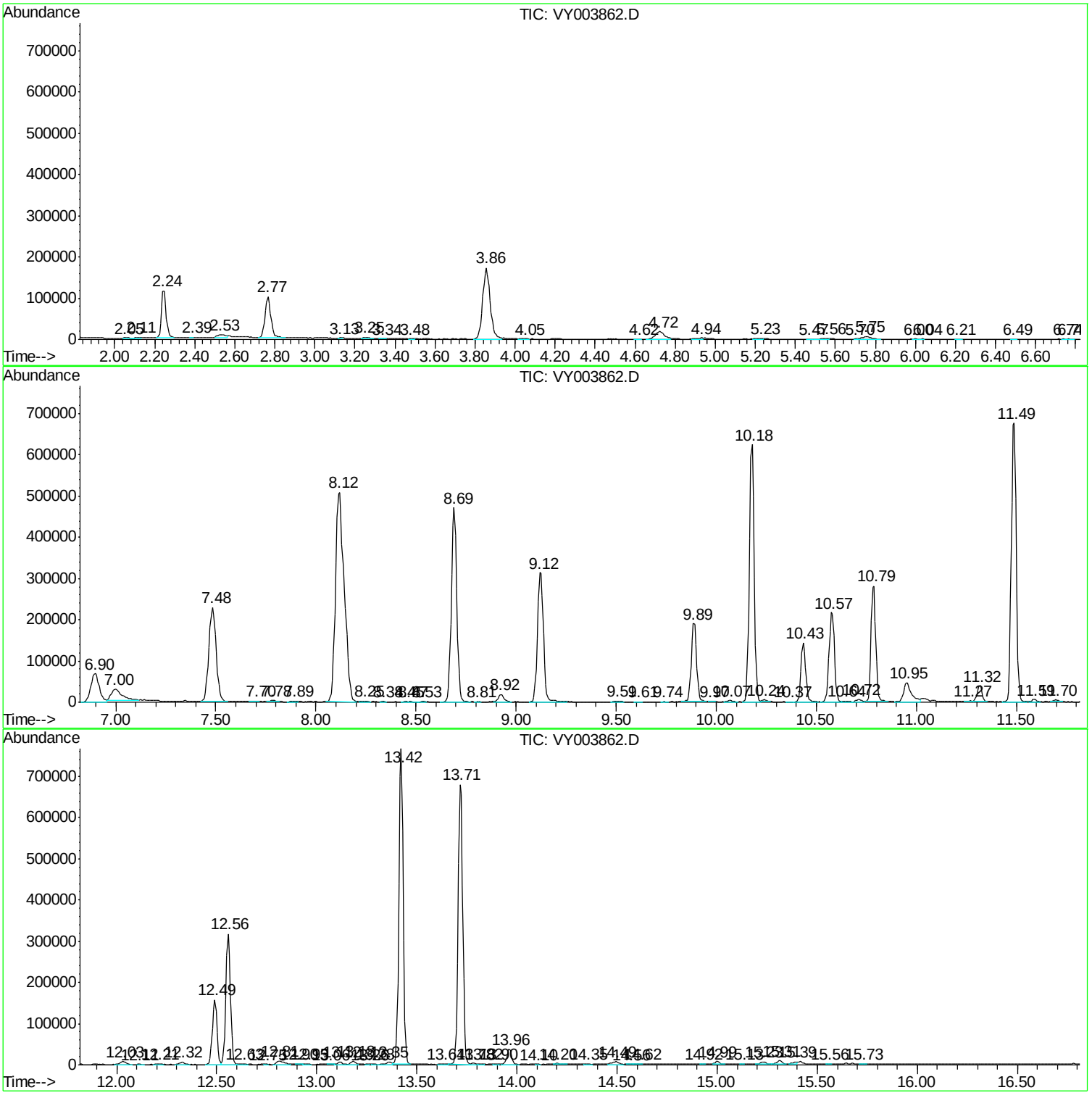
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY123020\
Data File : VY003862.D
Acq On : 30 Dec 2020 12:35
Operator : SY/MD
Sample : VY1230SBL02
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM122920SMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY123020\
Data File : VY003862.D
Acq On : 30 Dec 2020 12:35
Operator : SY/MD
Sample : VY1230SBL02
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM122920SMA.M
Quant Title : VOC Analysis

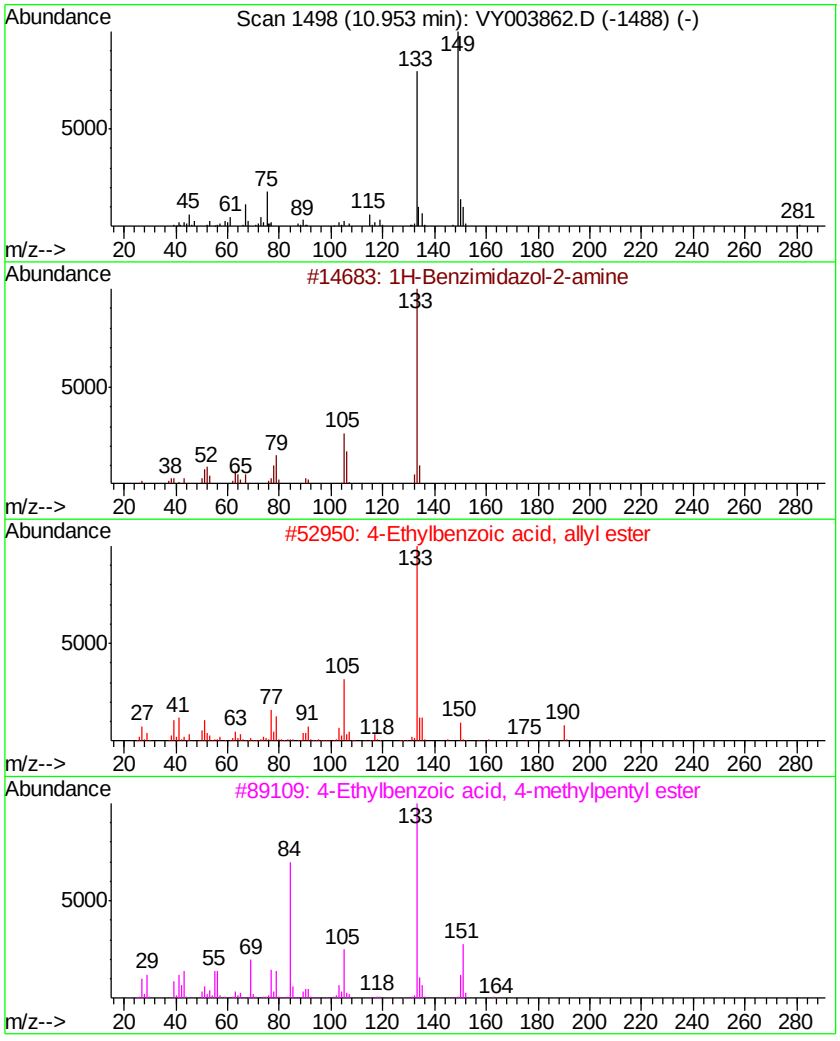
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

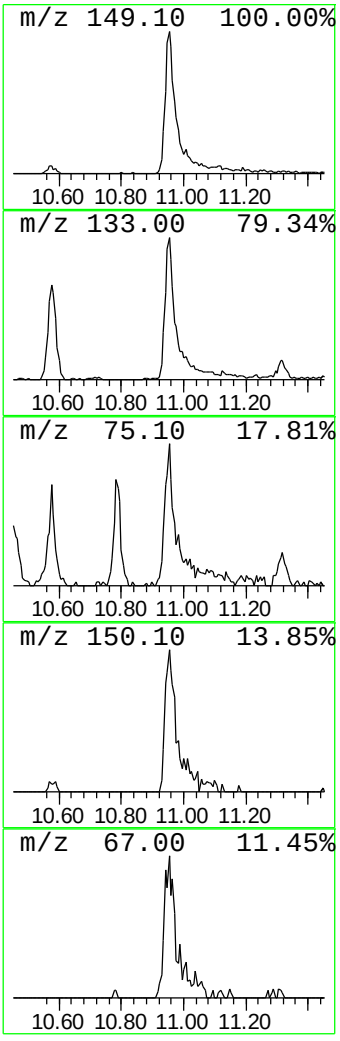
****

Peak Number 4 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.95	2.69 ug/L	122057	Chlorobenzene-d5	11.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazol-2-amine	133	C7H7N3	000934-32-7	27
2	4-Ethylbenzoic acid, allyl ester	190	C12H14O2	1000293-31-7	25
3	4-Ethylbenzoic acid, 4-methylpen...	234	C15H22O2	1000293-49-7	25
4	4-(Methylthio)benzonitrile	149	C8H7NS	021382-98-9	25
5	4-Ethylbenzoic acid, cyclohexyl ...	232	C15H20O2	1000293-32-1	25





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY123020\
Data File : VY003862.D
Acq On : 30 Dec 2020 12:35
Operator : SY/MD
Sample : VY1230SBL02
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM122920SMA.M
Quant Title : VOC Analysis

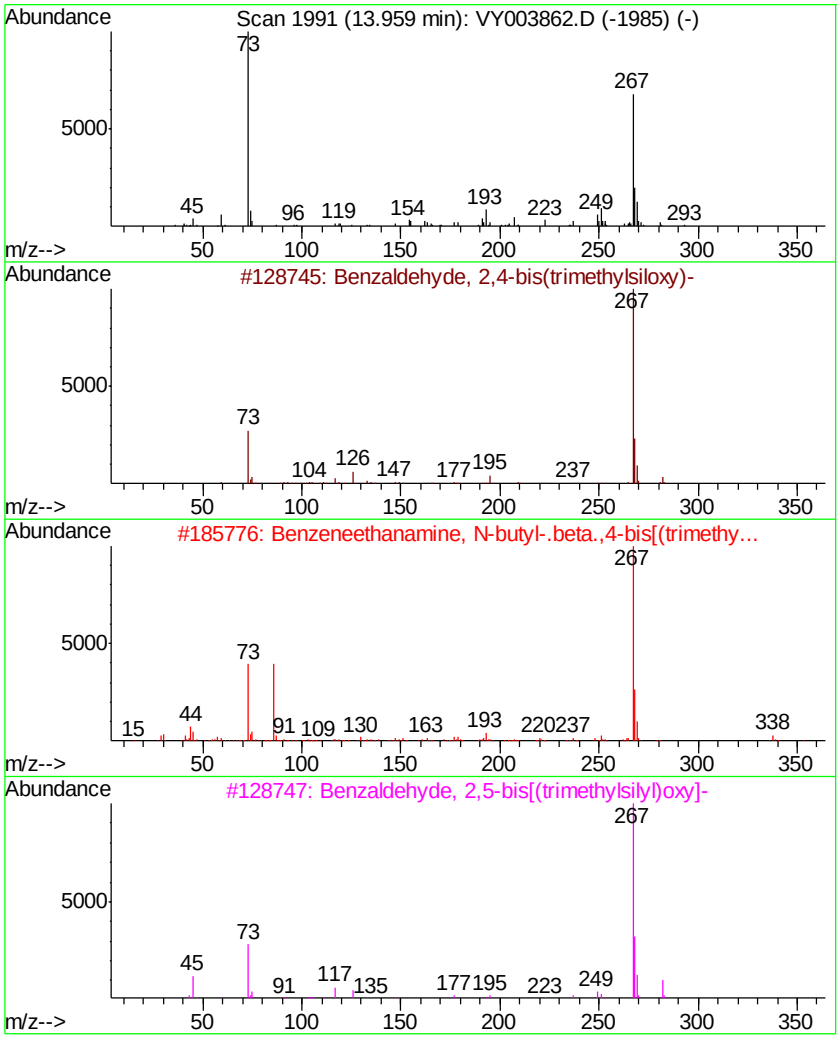
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

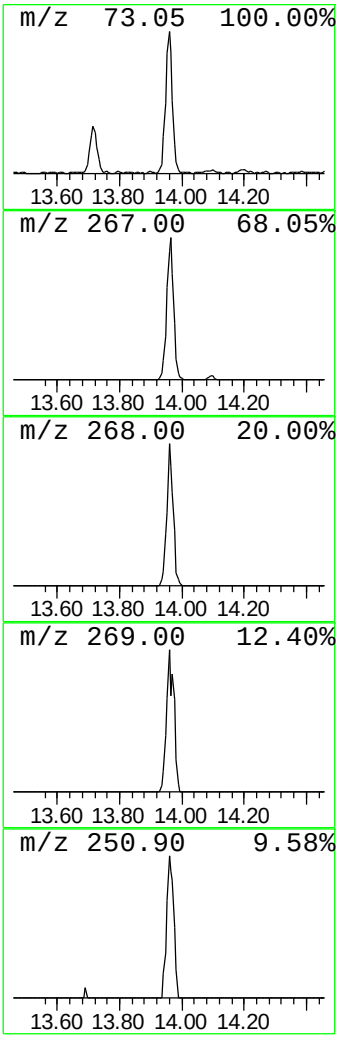
****

Peak Number 7 Benzaldehyde, 2,4-bis(trime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.96	1.30 ug/L	60251	1,4-Dichlorobenzene-d4	13.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 2,4-bis(trimethyls...	282	C13H22O3Si2	033617-38-8	64
2	Benzeneethanamine, N-butyl-.beta...	353	C18H35NO2Si2	040629-66-1	64
3	Benzaldehyde, 2,5-bis[(trimethyl...	282	C13H22O3Si2	056114-69-3	59
4	4-Hydroxymandelic acid, ethyl es...	340	C16H28O4Si2	1000071-53-3	50
5	Benzoic acid, 4-[(trimethylsilyl...	282	C13H22O3Si2	002078-13-9	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY123020\
Data File : VY003862.D
Acq On : 30 Dec 2020 12:35
Operator : SY/MD
Sample : VY1230SBL02
Misc : 5.00G/10ML/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId :

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SFAMYLM122920SMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown-01	10.95	2.7	ug/L	122057	2	11.49	1136400	25.0
Benzaldehyde, 2,4...	13.96	1.3	ug/L	60251	3	13.42	1161070	25.0