LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081419\
Data File : VW011910.D
Acq On : 14 Aug 2019 10:44
Operator : SY/VA
Sample : K4215-20RE
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOD6RE

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_W\METHOD\SOM2WLM073019S.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	2.154	36	41	50	rBV4	9645	20325	3.78%	0.631%
2	2.349	68	73	80	rVB	41191	64520	11.99%	2.004%
3	2.885	156	161	171	rVB	28306	61464	11.42%	1.910%
4	3.684	286	292	297	rVB5	1688	3757	0.70%	0.117%
5	3.861	313	321	325	rBV5	1651	3460	0.64%	0.107%
6	4.013	335	346	357	rBV	70535	187326	34.80%	5.820%
7	4.123	357	364	374	rBV4	2298	8067	1.50%	0.251%
8	4.391	400	408	414	rVV7	1831	5622	1.04%	0.175%
9	4.507	425	427	432	rVB5	361	383	0.07%	0.012%
10	4.574	436	438	440	rBV2	339	300	0.06%	0.009%
11	4.629	445	447	450	rVB2	543	500	0.09%	0.016%
12	4.696	454	458	461	rBV3	440	734	0.14%	0.023%
13	4.751	465	467	468	rBV	447	306	0.06%	0.010%
14	4.830	479	480	482	rVV2	529	479	0.09%	0.015%
15	4.909	482	493	505	rVV3	10787	36657	6.81%	1.139%
16	5.007	508	509	514	rBV2	521	671	0.12%	0.021%
17	5.068	516	519	520	rBV	451	448	0.08%	0.014%
18	5.159	532	534	541	rVB2	794	1155	0.21%	0.036%
19	5.263	548	551	552	rBV2	404	366	0.07%	0.011%
20	5.342	562	564	567	rBV3	319	349	0.06%	0.011%
21	5.568	598	601	604	rVB2	478	669	0.12%	0.021%
22	5.598	604	606	607	rBV	379	327	0.06%	0.010%
23	5.684	617	620	622	rVB	402	409	0.08%	0.013%
24	5.708	622	624	626	rBV2	409	392	0.07%	0.012%
25	5.745	628	630	633	rVV3	395	349	0.06%	0.011%
26	5.769	633	634	637	rVB4	386	311	0.06%	0.010%
27	5.873	649	651	654	rVV3	332	399	0.07%	0.012%
28	5.940	654	662	671	rVB4	4242	13744	2.55%	0.427%
29	6.019	671	675	677	rBV3	494	514	0.10%	0.016%
30	6.086	685	686	688	rBV	539	337	0.06%	0.010%
31	6.324	722	725	727	rBV	441	506	0.09%	0.016%
32	6.464	746	748	750	rBV	363	302	0.06%	0.009%
33	6.604	769	771	775	rVB2	325	355	0.07%	0.011%
34	6.677	780	783	787	rVB4	369	540	0.10%	0.017%

LSC Area Percent Report

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Operator : SY/VA
Sample : K4215-20RE
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOD6RE

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_W\METHOD\SOM2WLM073019S.M
Title : VOC Analysis

35	6.720	787	790	791	rBV3	258	297	0.06%	0.009%
36	6.738	791	793	796	rVB	568	349	0.06%	0.011%
37	6.775	796	799	801	rBV4	474	464	0.09%	0.014%
38	6.811	803	805	809	rBV2	355	321	0.06%	0.010%
39	7.080	838	849	860	rBV	17851	55423	10.30%	1.722%
40	7.342	889	892	895	rBV4	283	411	0.08%	0.013%
41	7.647	933	942	952	rBV	92219	224429	41.69%	6.972%
42	7.842	972	974	977	rBV3	435	596	0.11%	0.019%
43	8.037	1003	1006	1011	rBV2	520	928	0.17%	0.029%
44	8.073	1011	1012	1017	rVB4	403	402	0.07%	0.012%
45	8.122	1017	1020	1023	rBV2	286	402	0.07%	0.012%
46	8.159	1023	1026	1028	rBV2	396	352	0.07%	0.011%
47	8.275	1034	1045	1064	rBV2	183449	538308	100.00%	16.724%
48	8.689	1110	1113	1115	rVV3	717	852	0.16%	0.026%
49	8.726	1117	1119	1122	rVB3	377	477	0.09%	0.015%
50	8.781	1122	1128	1129	rBV2	507	938	0.17%	0.029%
51	8.842	1129	1138	1147	rVV	177086	353460	65.66%	10.981%
52	9.079	1175	1177	1184	rVB5	787	1332	0.25%	0.041%
53	9.159	1188	1190	1193	rVB	395	428	0.08%	0.013%
54	9.189	1193	1195	1198	rBV	428	512	0.10%	0.016%
55	9.213	1198	1199	1201	rBV	415	339	0.06%	0.011%
56	9.274	1201	1209	1220	rBV	130258	263653	48.98%	8.191%
57	9.451	1237	1238	1242	rVB3	359	375	0.07%	0.012%
58	9.561	1254	1256	1257	rBV	350	361	0.07%	0.011%
59	9.671	1269	1274	1278	rVB4	946	1739	0.32%	0.054%
60	9.756	1286	1288	1293	rVB2	511	778	0.14%	0.024%
61	9.793	1293	1294	1297	rBV2	426	312	0.06%	0.010%
62	9.848	1301	1303	1309	rBV4	253	428	0.08%	0.013%
63	9.951	1319	1320	1323	rVB3	464	351	0.07%	0.011%
64	10.037	1327	1334	1342	rBV	54522	100892	18.74%	3.134%
65	10.323	1371	1381	1388	rBV	199404	348382	64.72%	10.823%
66	10.469	1400	1405	1407	rBV	1552	2485	0.46%	0.077%
67	10.579	1416	1423	1432	rBV2	30483	55546	10.32%	1.726%
68	10.707	1438	1444	1450	rBV	17513	30948	5.75%	0.961%
69	10.927	1473	1480	1497	rBV	55969	103908	19.30%	3.228%
70	11.329	1543	1546	1547	rBV	488	346	0.06%	0.011%
71	11.347	1547	1549	1551	rVB3	623	401	0.07%	0.012%

LSC Area Percent Report

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Data File : VW011910.D
Acq On : 14 Aug 2019 10:44
Operator : SY/VA
Sample : K4215-20RE
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOD6RE

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_W\METHOD\SOM2WLM073019S.M
Title : VOC Analysis

72	11.408	1558	1559	1562	rBV2	646	563	0.10%	0.017%
73	11.634	1585	1596	1606	rBV	164356	290178	53.91%	9.015%
74	11.841	1621	1630	1635	rVV3	3906	8218	1.53%	0.255%
75	12.256	1696	1698	1700	rBV3	393	340	0.06%	0.011%
76	12.384	1718	1719	1725	rVB4	564	834	0.15%	0.026%
77	12.463	1728	1732	1733	rBV2	1586	1986	0.37%	0.062%
78	12.609	1751	1756	1762	rVB	12975	21646	4.02%	0.672%
79	12.695	1762	1770	1776	rBV	69712	117261	21.78%	3.643%
80	12.756	1776	1780	1786	rBV4	4433	7015	1.30%	0.218%
81	12.865	1795	1798	1802	rBV3	1213	1429	0.27%	0.044%
82	12.938	1805	1810	1815	rVV6	2050	3825	0.71%	0.119%
83	13.005	1818	1821	1823	rBV3	362	373	0.07%	0.012%
84	13.036	1825	1826	1829	rBV2	709	644	0.12%	0.020%
85	13.158	1844	1846	1850	rBV3	440	701	0.13%	0.022%
86	13.347	1873	1877	1879	rBV5	456	657	0.12%	0.020%
87	13.390	1883	1884	1886	rBV2	422	432	0.08%	0.013%
88	13.475	1894	1898	1900	rBV3	993	1424	0.26%	0.044%
89	13.560	1906	1912	1920	rBV	68047	111532	20.72%	3.465%
90	13.755	1941	1944	1945	rBV2	935	838	0.16%	0.026%
91	13.853	1954	1960	1968	rVB	65158	110610	20.55%	3.436%
92	13.981	1979	1981	1983	rBV3	554	323	0.06%	0.010%
93	14.072	1991	1996	2002	rVB	8820	13296	2.47%	0.413%
94	14.335	2036	2039	2040	rBV	801	950	0.18%	0.030%
95	14.463	2059	2060	2062	rBV2	513	479	0.09%	0.015%
96	14.591	2077	2081	2082	rBV4	611	759	0.14%	0.024%
97	14.627	2084	2087	2091	rVB4	1574	1913	0.36%	0.059%
98	15.499	2225	2230	2236	rVB	5068	9433	1.75%	0.293%
99	15.688	2256	2261	2264	rBV5	950	2011	0.37%	0.062%
100	16.694	2423	2426	2429	rBV4	796	1170	0.22%	0.036%

Sum of corrected areas: 3218808

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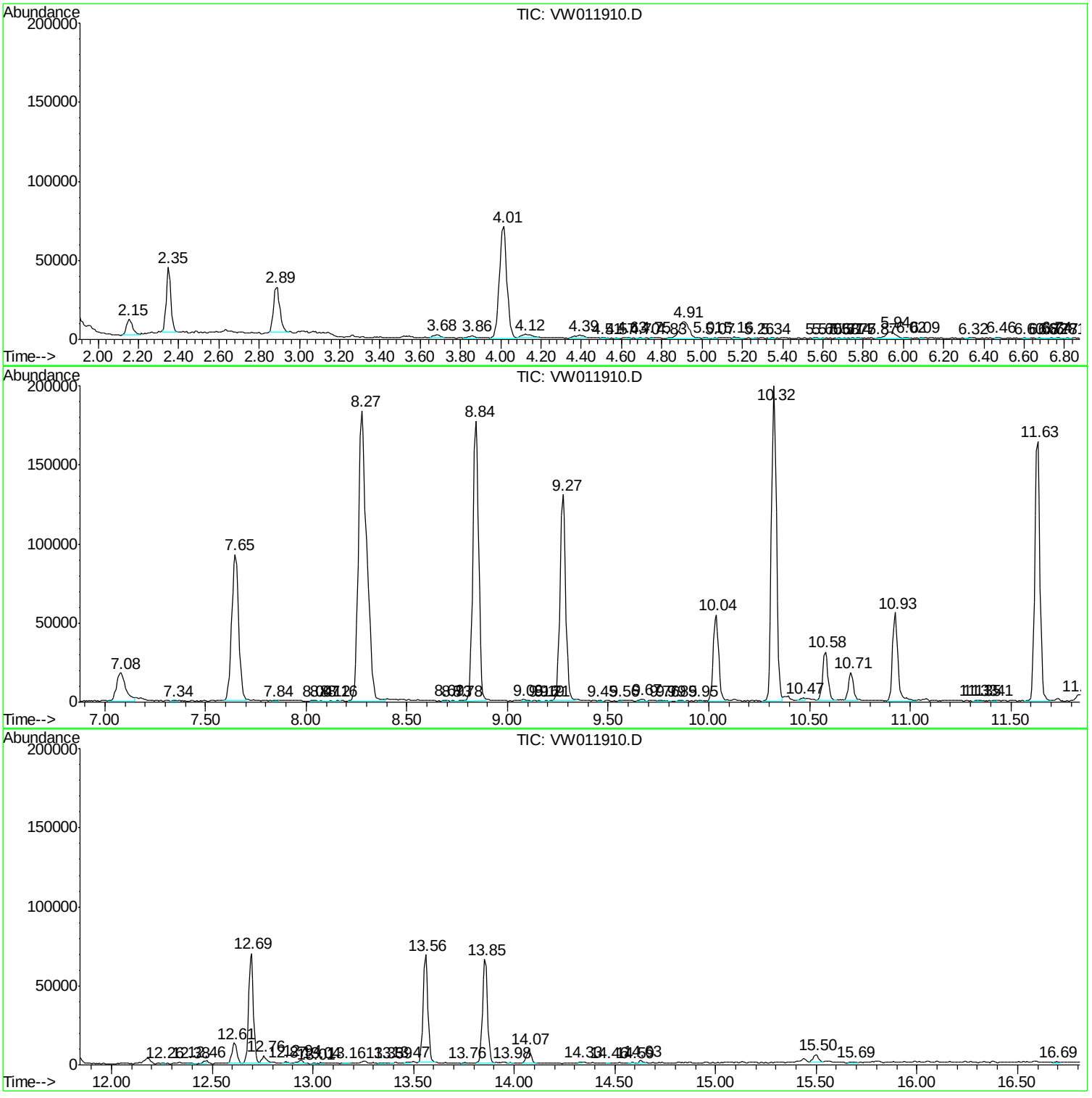
Instrument :
MSVOA_W
ClientSampleId :
ETOD6RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081419\
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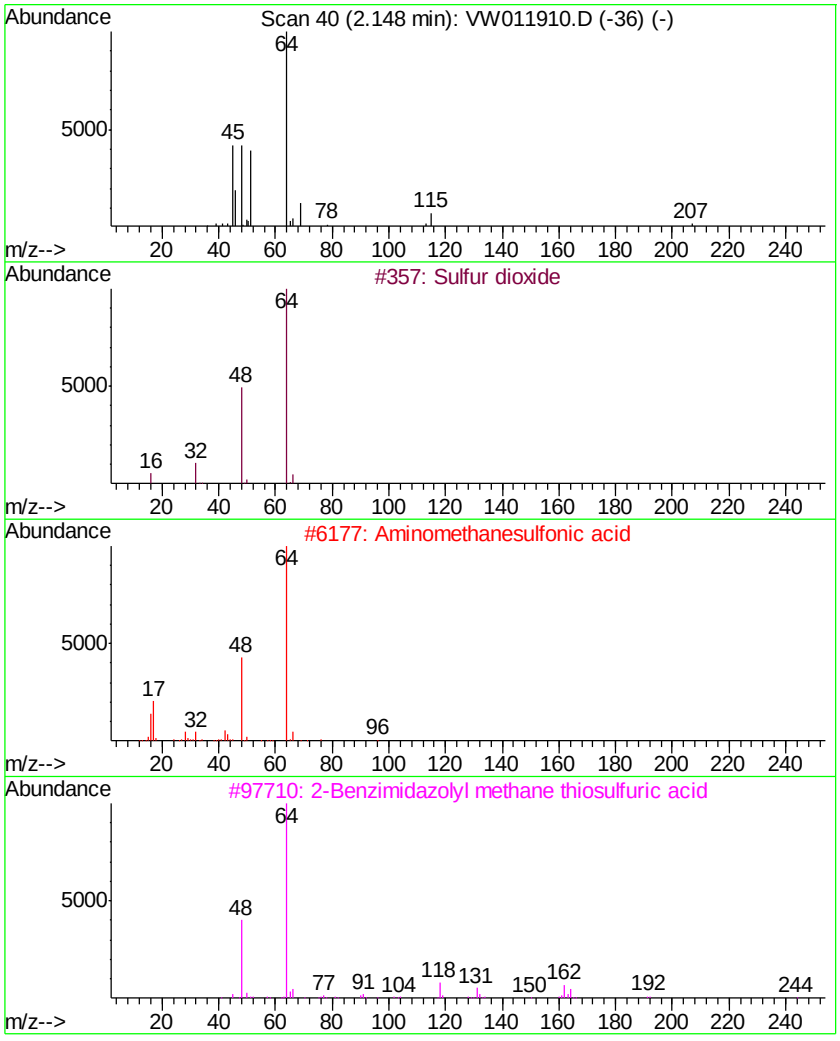
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

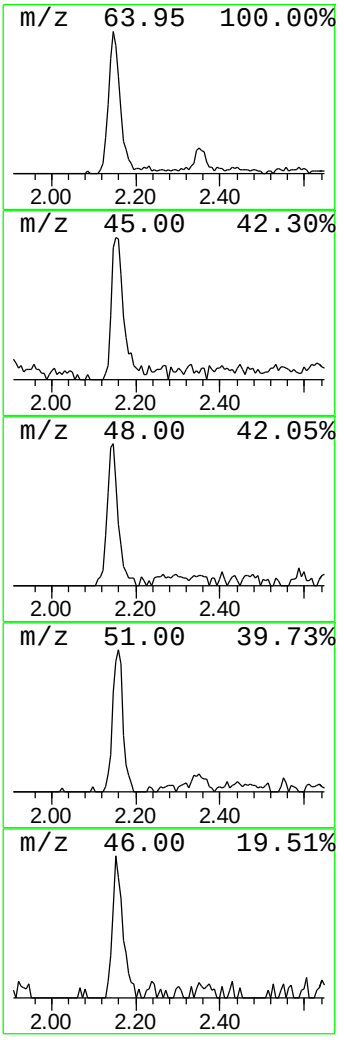
****

Peak Number 1 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	1.44 ug/L	20325	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	45
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	38
3	2-Benzimidazolyl methane thiosul...	244	C8H8N2O3S2	1000256-39-2	38
4	Thiosulfuric acid, S-[2-(2-hydro...	289	C11H15NO4S2	062209-43-2	9
5	4,6-Diamino-5-pyrimidinyl hydrog...	206	C4H6N4O4S	071525-41-2	9





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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOD6RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

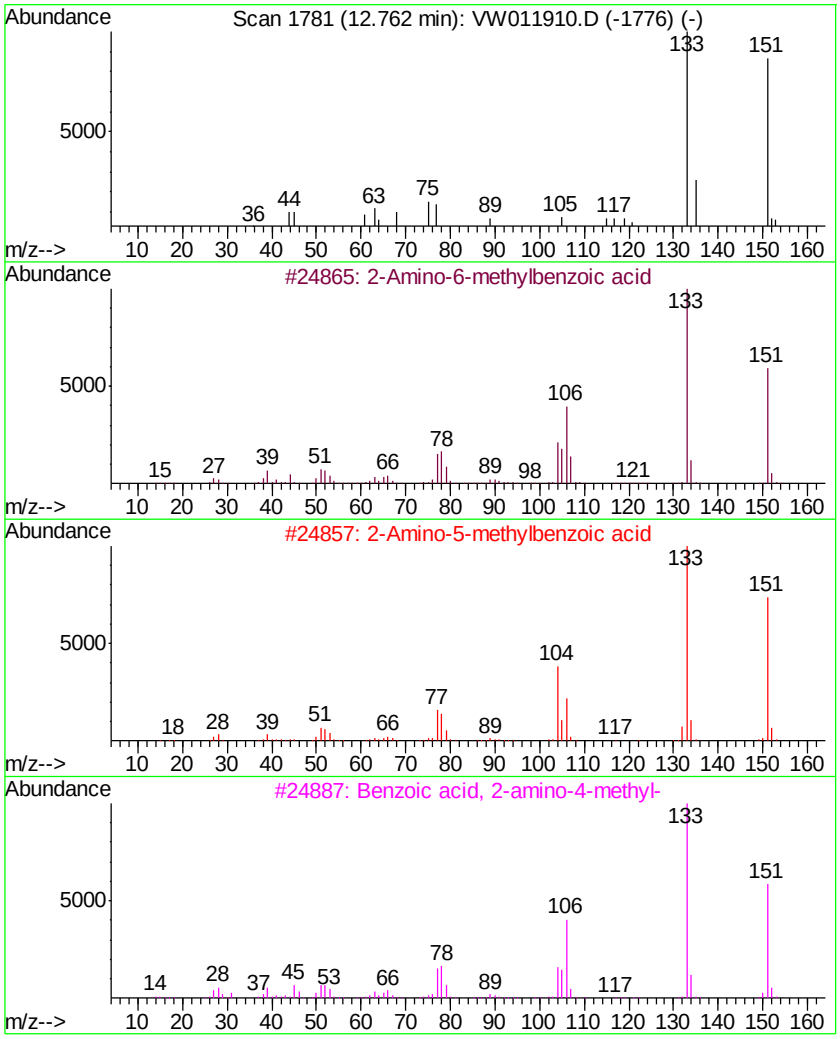
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

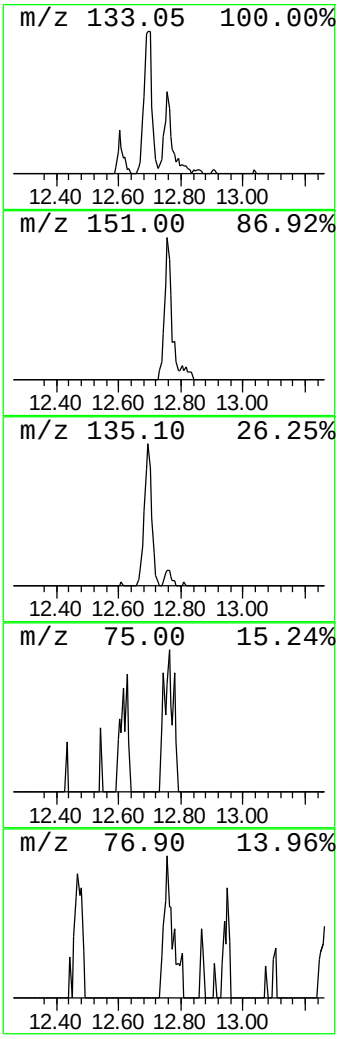
****

Peak Number 5 2-Amino-6-methylbenzoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	1.57 ug/L	7015	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Amino-6-methylbenzoic acid	151	C8H9NO2	004389-50-8	59
2	2-Amino-5-methylbenzoic acid	151	C8H9NO2	002941-78-8	59
3	Benzoic acid, 2-amino-4-methyl-	151	C8H9NO2	002305-36-4	59
4	Oxime-, methoxy-phenyl-_	151	C8H9NO2	1000222-86-6	50
5	4-Ethylbenzoic acid, cyclohexyl ...	232	C15H20O2	1000293-32-1	39





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081419\
Data File : VW011910.D
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Instrument : MSVOA_W
ClientSampleId : ETOD6RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

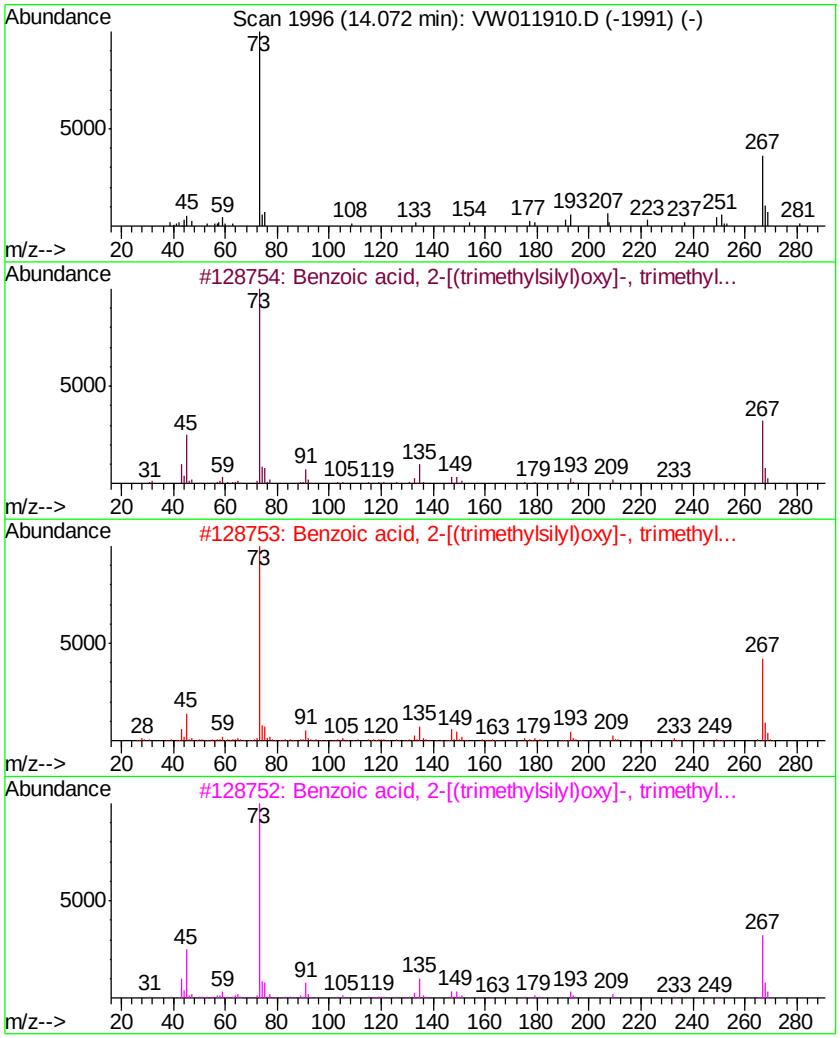
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

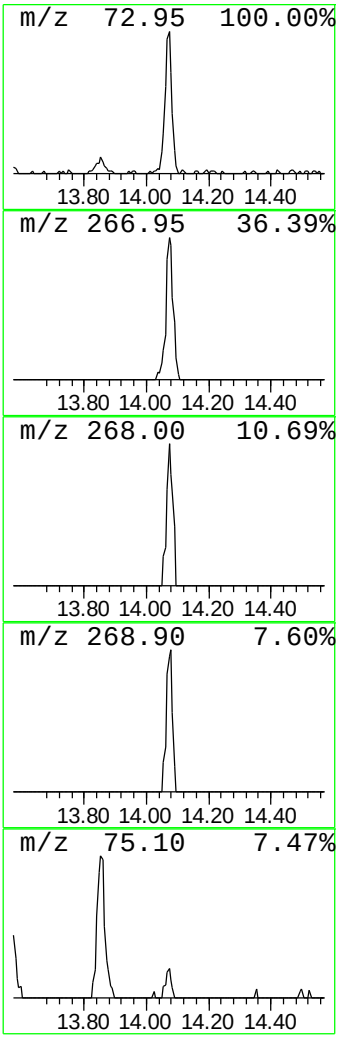
****

Peak Number 6 Benzoic acid, 2-[(trimethyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	2.98 ug/L	13296	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	53
2	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	42
3	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	42
4	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	36
5	Silane, (2-ethyl-5,5-dimethyl-4-...	208	C13H24Si	095798-05-3	9





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Operator : SY/VA
Sample : K4215-20RE
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOD6RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.M
Quant Title : VOC Analysis

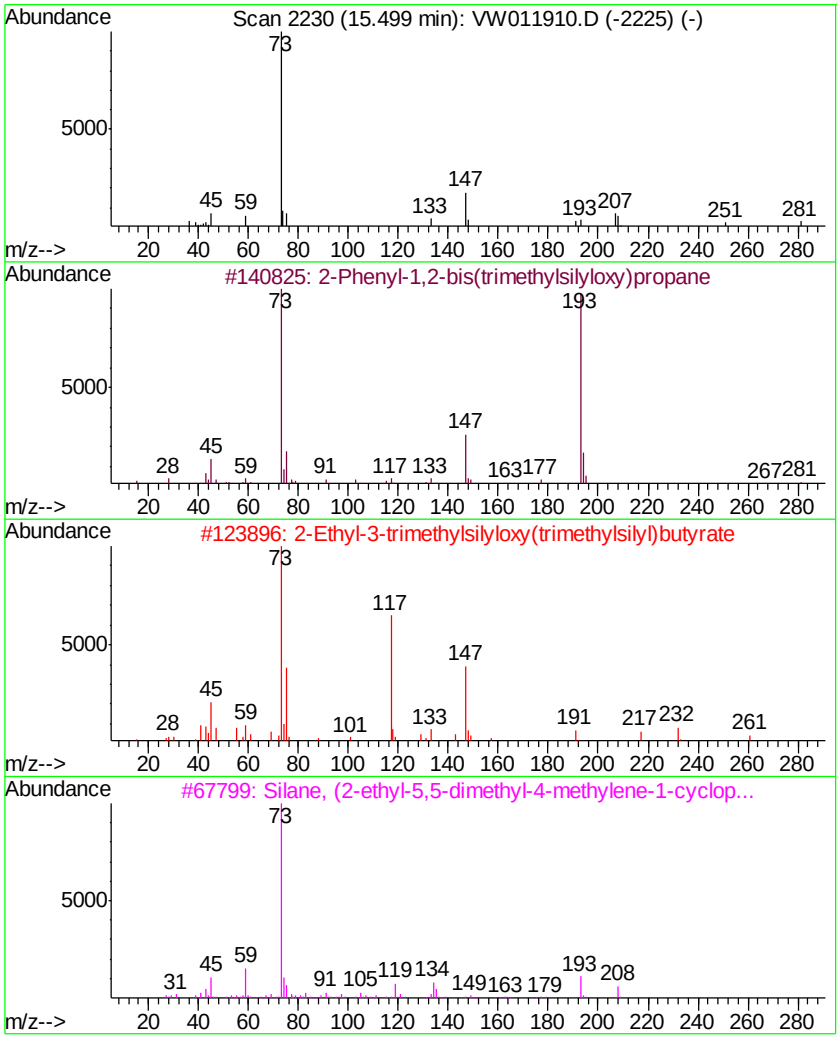
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

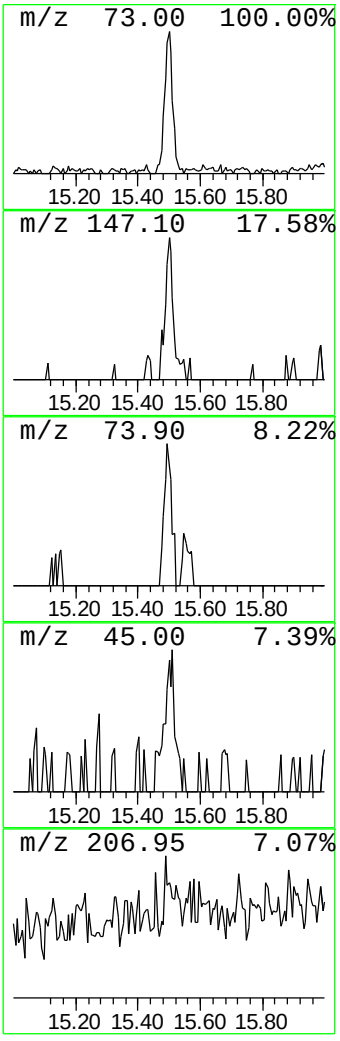
****

Peak Number 7 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	2.11 ug/L	9433	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenyl-1,2-bis(trimethylsilylo...	296	C15H28O2Si2	294847-15-7	36
2	2-Ethyl-3-trimethylsilyloxy(trim...	276	C12H28O3Si2	1000078-93-6	36
3	Silane, (2-ethyl-5,5-dimethyl-4-...	208	C13H24Si	095798-05-3	12
4	1(2H)-Pentalenone, hexahydro-4-m...	208	C12H20OSi	120587-87-3	9
5	1,3-Bis-t-butylperoxy-phthalan	296	C16H24O5	097526-35-7	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW081419\
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : ETOD6RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073019S.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	2.15	1.4	ug/L	20325	1	8.84	353460	25.0
2-Amino-6-methylb...	12.76	1.6	ug/L	7015	3	13.56	111532	25.0
Benzoic acid, 2-[...	14.07	3.0	ug/L	13296	3	13.56	111532	25.0
unknown-02	15.50	2.1	ug/L	9433	3	13.56	111532	25.0