LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042919\
Data File : VW010216.D
Acq On : 30 Apr 2019 12:30
Operator : SY/VA
Sample : K2613-01RE
Misc : 4.77G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFH39RE

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\SOM2WLM042919S.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	2.361	68	75	87	rBV	73442	170507	10.58%	1.492%
2	2.891	156	162	174	rVB	61482	161405	10.01%	1.412%
3	3.556	269	271	273	rBV3	2887	2163	0.13%	0.019%
4	3.855	316	320	325	rVB7	1532	2417	0.15%	0.021%
5	3.897	325	327	328	rVB	1550	906	0.06%	0.008%
6	4.013	334	346	361	rBV2	130890	457934	28.41%	4.007%
7	4.184	372	374	381	rVV5	2229	3309	0.21%	0.029%
8	4.397	401	409	415	rBV5	3389	9698	0.60%	0.085%
9	4.647	447	450	453	rVV3	584	815	0.05%	0.007%
10	4.671	453	454	458	rVB	864	786	0.05%	0.007%
11	4.915	484	494	498	rBV5	5815	17039	1.06%	0.149%
12	5.171	532	536	539	rVB3	966	1391	0.09%	0.012%
13	5.202	539	541	544	rVB2	628	740	0.05%	0.006%
14	5.245	544	548	549	rBV3	483	756	0.05%	0.007%
15	5.397	571	573	576	rBV	1332	1406	0.09%	0.012%
16	5.568	596	601	603	rVB2	1016	1325	0.08%	0.012%
17	5.757	629	632	634	rBV2	825	964	0.06%	0.008%
18	5.854	646	648	652	rVB2	1047	1332	0.08%	0.012%
19	5.921	652	659	663	rBV6	2245	5697	0.35%	0.050%
20	5.994	669	671	675	rVB	1126	1191	0.07%	0.010%
21	6.129	691	693	696	rBV3	918	872	0.05%	0.008%
22	6.281	715	718	721	rBV3	470	750	0.05%	0.007%
23	6.330	723	726	730	rBV	480	778	0.05%	0.007%
24	6.378	731	734	738	rBV3	633	833	0.05%	0.007%
25	6.531	757	759	762	rVB4	619	743	0.05%	0.007%
26	6.817	804	806	808	rVB	912	891	0.06%	0.008%
27	6.848	808	811	812	rBV	1260	1171	0.07%	0.010%
28	6.872	812	815	818	rBV	799	983	0.06%	0.009%
29	7.080	840	849	871	rVV	39417	127572	7.91%	1.116%
30	7.531	921	923	925	rVV3	1160	1082	0.07%	0.009%
31	7.555	925	927	929	rVB2	1019	803	0.05%	0.007%
32	7.640	932	941	954	rVV	277893	671803	41.68%	5.879%
33	7.878	979	980	983	rVB	827	805	0.05%	0.007%
34	7.970	993	995	998	rVB2	868	1029	0.06%	0.009%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042919\
Data File : VW010216.D
Acq On : 30 Apr 2019 12:30
Operator : SY/VA
Sample : K2613-01RE
Misc : 4.77G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFH39RE

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\SOM2WLM042919S.M
Title : VOC Analysis

35	8.122	1015	1020	1023	rBV2	565	994	0.06%	0.009%
36	8.153	1023	1025	1028	rVB2	713	800	0.05%	0.007%
37	8.207	1032	1034	1035	rBV	1034	753	0.05%	0.007%
38	8.274	1035	1045	1060	rBV2	470057	1411228	87.55%	12.349%
39	8.488	1077	1080	1083	rBV2	846	1039	0.06%	0.009%
40	8.524	1083	1086	1089	rBV2	814	894	0.06%	0.008%
41	8.561	1089	1092	1094	rVB2	687	733	0.05%	0.006%
42	8.591	1094	1097	1099	rBV	535	748	0.05%	0.007%
43	8.744	1119	1122	1125	rVB	935	964	0.06%	0.008%
44	8.841	1125	1138	1150	rBV	625947	1242537	77.08%	10.873%
45	9.043	1166	1171	1172	rBV3	791	1224	0.08%	0.011%
46	9.073	1172	1176	1182	rVV5	4211	8078	0.50%	0.071%
47	9.274	1200	1209	1217	rBV	350447	713473	44.26%	6.243%
48	9.390	1225	1228	1231	rVB2	1130	1231	0.08%	0.011%
49	9.604	1259	1263	1266	rBV3	620	1079	0.07%	0.009%
50	9.652	1266	1271	1272	rBV3	997	1401	0.09%	0.012%
51	9.671	1272	1274	1279	rVB3	1588	1997	0.12%	0.017%
52	9.756	1285	1288	1293	rBV5	714	1377	0.09%	0.012%
53	9.884	1306	1309	1310	rBV3	1708	1571	0.10%	0.014%
54	9.951	1318	1320	1325	rVB2	824	1109	0.07%	0.010%
55	10.036	1325	1334	1342	rBV	153289	290423	18.02%	2.541%
56	10.323	1372	1381	1388	rBV	625547	1079405	66.96%	9.446%
57	10.579	1416	1423	1436	rVB	106639	187367	11.62%	1.640%
58	10.707	1438	1444	1450	rVB	43818	77810	4.83%	0.681%
59	10.780	1453	1456	1457	rBV2	1350	1278	0.08%	0.011%
60	10.926	1474	1480	1493	rBV	163188	297627	18.46%	2.604%
61	11.134	1512	1514	1517	rBV3	1494	1324	0.08%	0.012%
62	11.182	1520	1522	1524	rVB2	1338	796	0.05%	0.007%
63	11.256	1532	1534	1535	rBV2	1261	961	0.06%	0.008%
64	11.542	1571	1581	1583	rBV8	5406	15008	0.93%	0.131%
65	11.634	1588	1596	1604	rVV	970286	1611967	100.00%	14.106%
66	11.737	1607	1613	1619	rVB2	40577	77388	4.80%	0.677%
67	11.835	1625	1629	1638	rVB7	5450	10071	0.62%	0.088%
68	12.231	1693	1694	1696	rBV2	1283	896	0.06%	0.008%
69	12.371	1712	1717	1722	rVB6	6035	10376	0.64%	0.091%
70	12.475	1727	1734	1744	rVB	72180	124488	7.72%	1.089%
71	12.609	1750	1756	1763	rBV	69361	117997	7.32%	1.033%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042919\
Data File : VW010216.D
Acq On : 30 Apr 2019 12:30
Operator : SY/VA
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Misc : 4.77G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFH39RE

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\SOM2WLM042919S.M
Title : VOC Analysis

72	12.694	1763	1770	1773	rBV	306662	562537	34.90%	4.923%
73	12.938	1806	1810	1817	rVB4	18452	33769	2.09%	0.296%
74	13.030	1817	1825	1831	rBV	50791	86297	5.35%	0.755%
75	13.304	1868	1870	1876	rVB5	2770	3572	0.22%	0.031%
76	13.408	1884	1887	1893	rVB6	3136	5329	0.33%	0.047%
77	13.475	1893	1898	1903	rBV5	13509	25969	1.61%	0.227%
78	13.560	1906	1912	1919	rVV	551808	868994	53.91%	7.604%
79	13.719	1935	1938	1941	rBV5	2146	2360	0.15%	0.021%
80	13.761	1943	1945	1950	rVB6	2179	3039	0.19%	0.027%
81	13.859	1954	1961	1968	rBV	414724	695188	43.13%	6.083%
82	14.078	1992	1997	2004	rVB2	29990	51982	3.22%	0.455%
83	14.334	2035	2039	2046	rVB7	3473	5849	0.36%	0.051%
84	14.523	2067	2070	2074	rBV4	1161	1725	0.11%	0.015%
85	14.627	2083	2087	2090	rBV3	1418	2194	0.14%	0.019%
86	14.731	2102	2104	2108	rVB4	2472	3138	0.19%	0.027%
87	14.883	2126	2129	2132	rBV3	995	1148	0.07%	0.010%
88	14.944	2137	2139	2140	rBV2	1392	1192	0.07%	0.010%
89	15.072	2155	2160	2166	rVB6	7089	13401	0.83%	0.117%
90	15.133	2169	2170	2172	rBV	1079	955	0.06%	0.008%
91	15.371	2205	2209	2212	rBV3	1890	2613	0.16%	0.023%
92	15.444	2213	2221	2226	rVV5	10981	24184	1.50%	0.212%
93	15.505	2226	2231	2237	rVB	30068	54244	3.37%	0.475%
94	15.737	2264	2269	2276	rVB8	7419	14057	0.87%	0.123%
95	15.804	2276	2280	2281	rBV4	3745	4855	0.30%	0.042%
96	15.980	2303	2309	2311	rBV5	1835	3189	0.20%	0.028%
97	16.066	2321	2323	2326	rBV3	880	795	0.05%	0.007%
98	16.200	2342	2345	2349	rVB3	1614	2212	0.14%	0.019%
99	16.340	2366	2368	2374	rVB6	1113	1548	0.10%	0.014%
100	16.645	2417	2418	2420	rBV2	1103	923	0.06%	0.008%

Sum of corrected areas: 11427566

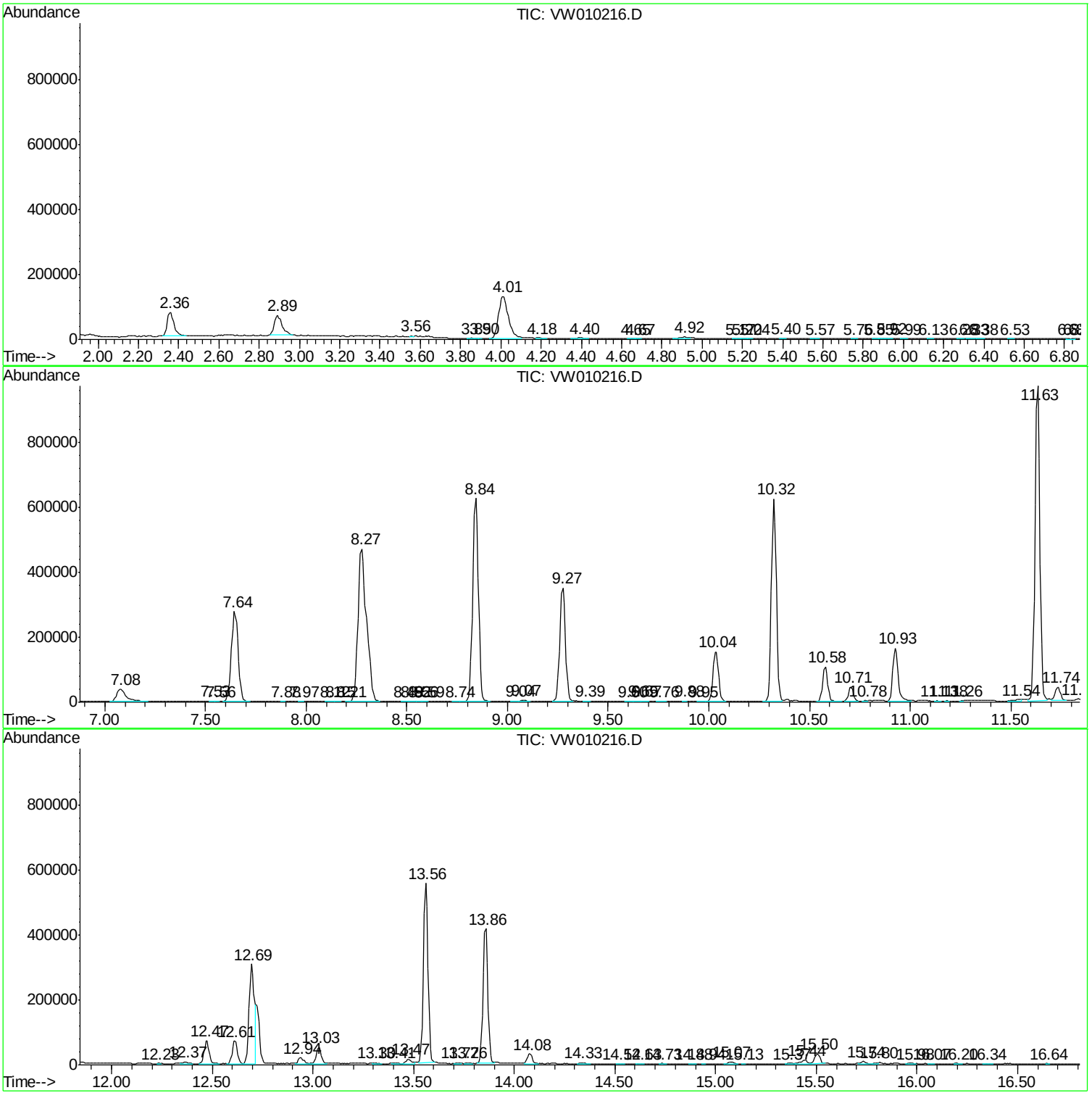
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042919\
Data File : VW010216.D
Acq On : 30 Apr 2019 12:30
Operator : SY/VA
Sample : K2613-01RE
Misc : 4.77G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFH39RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042919\
Data File : VW010216.D
Acq On : 30 Apr 2019 12:30
Operator : SY/VA
Sample : K2613-01RE
Misc : 4.77G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFH39RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

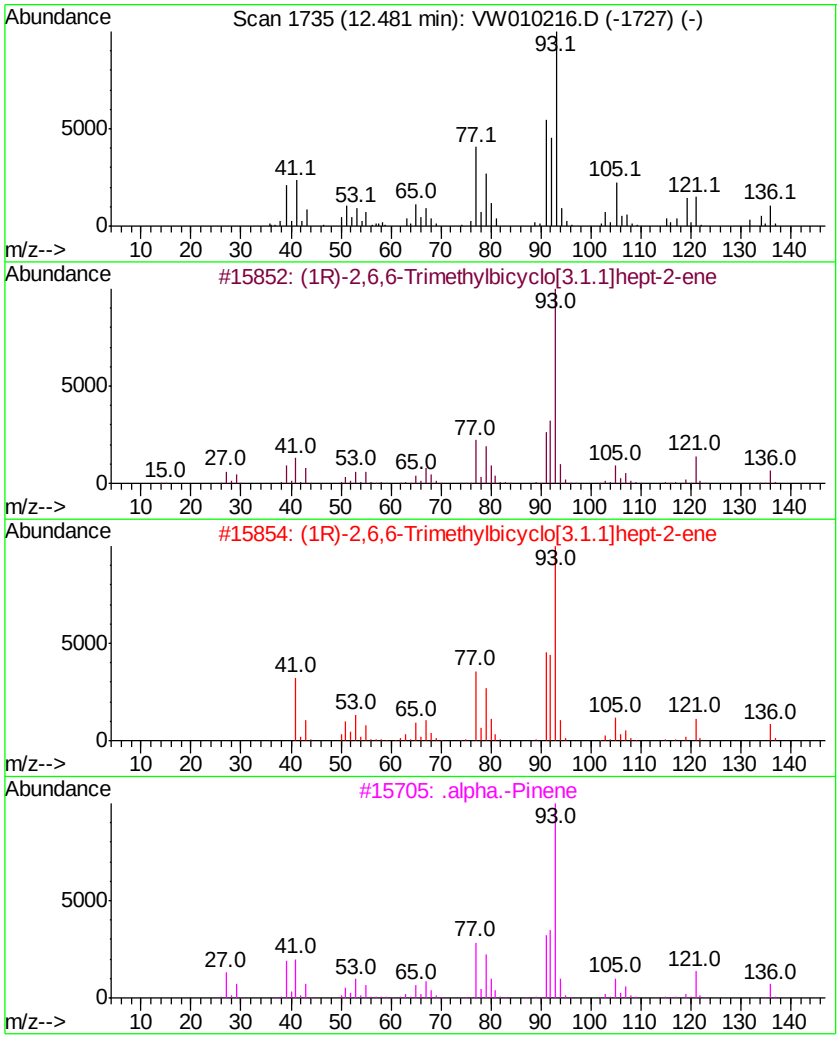
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

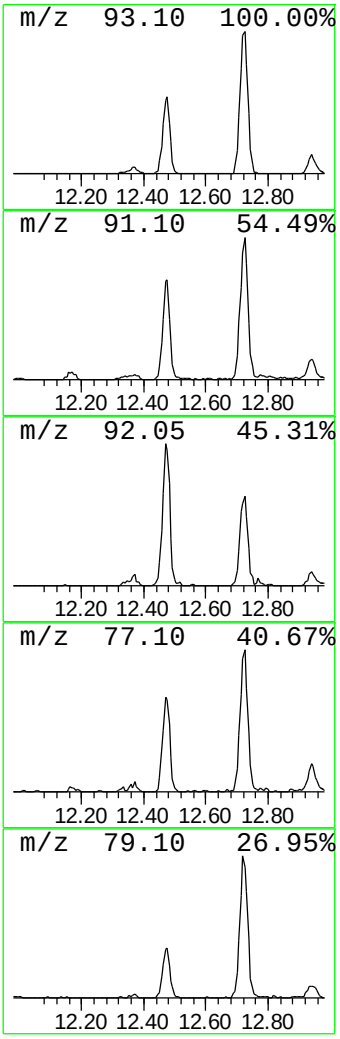
****

Peak Number 2 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	1.93 ug/L	124488	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	96
2	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	96
3	.alpha.-Pinene	136	C10H16	000080-56-8	95
4	.alpha.-Pinene	136	C10H16	000080-56-8	93
5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042919\
Data File : VW010216.D
Acq On : 30 Apr 2019 12:30
Operator : SY/VA
Sample : K2613-01RE
Misc : 4.77G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFH39RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

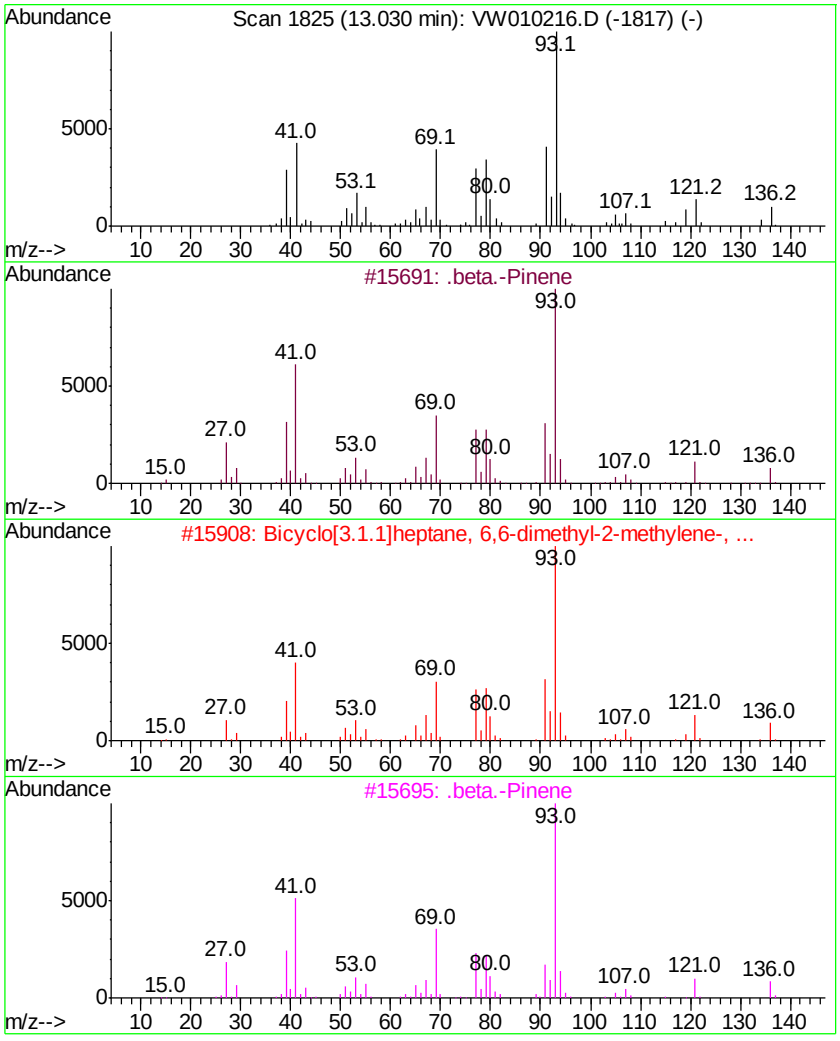
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

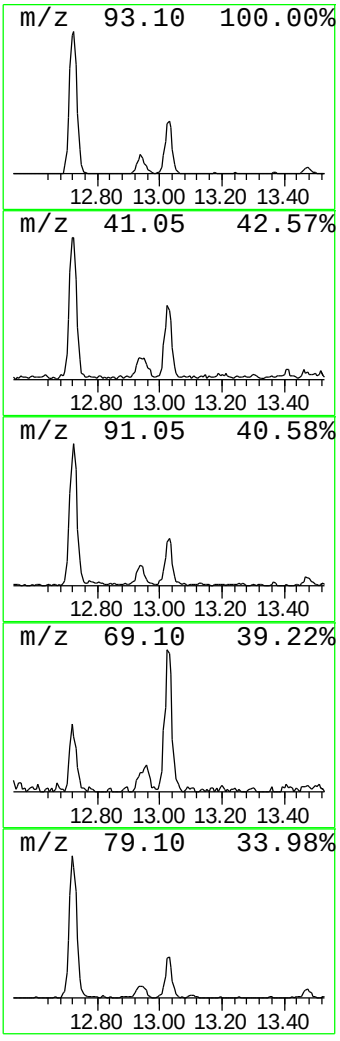
****

Peak Number 4 .beta.-Pinene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	2.48 ug/L	86297	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Pinene	136	C10H16	000127-91-3	94
2	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	91
3	.beta.-Pinene	136	C10H16	000127-91-3	91
4	Cyclohexene, 4-methylene-1-(1-me...	136	C10H16	000099-84-3	91
5	.beta.-Pinene	136	C10H16	000127-91-3	90





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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFH39RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

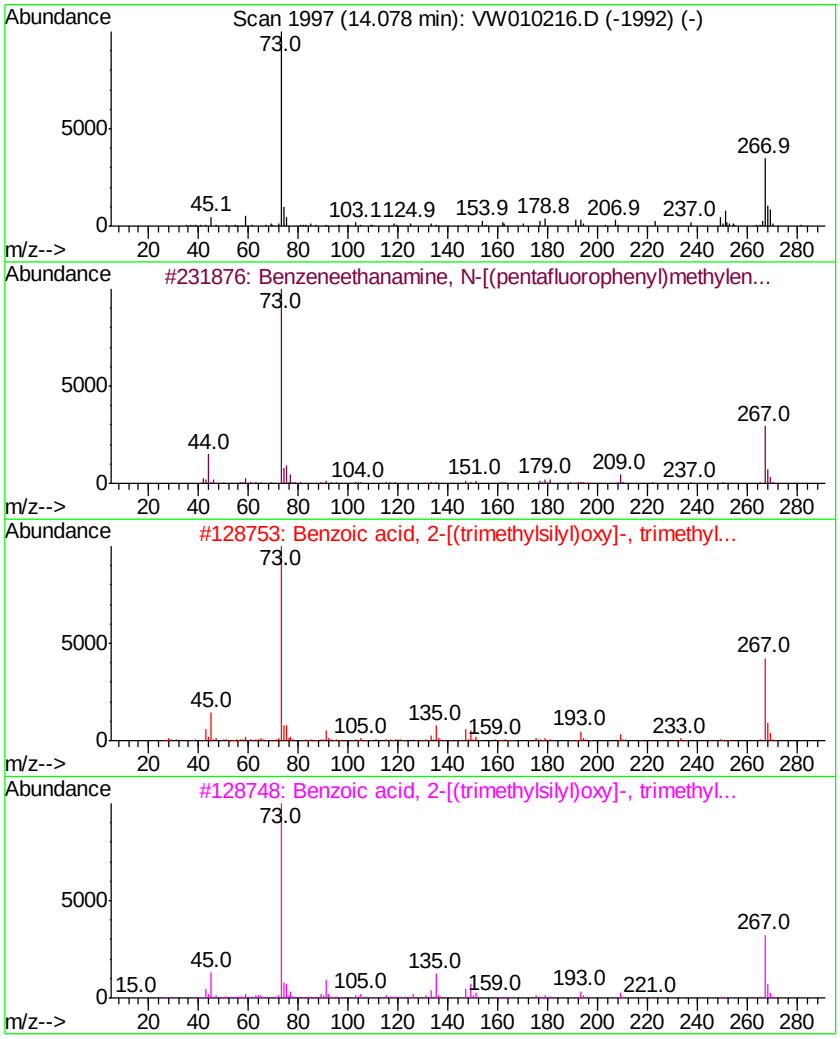
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

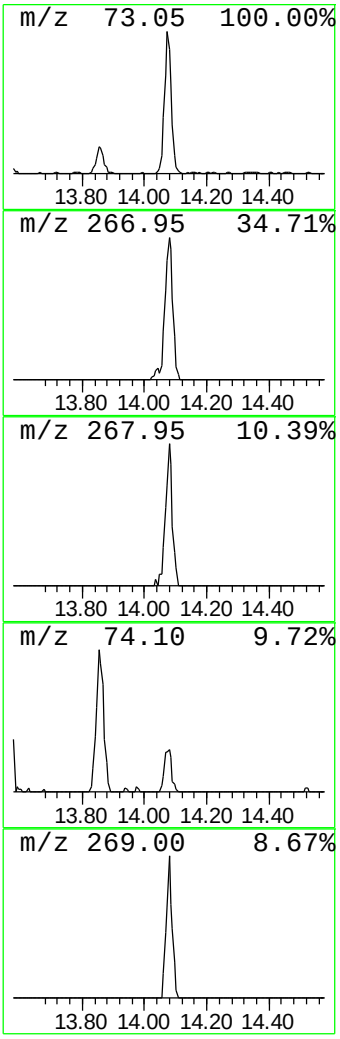
****

Peak Number 5 Benzeneethanamine, N-[(pent... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	1.50 ug/L	51982	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzeneethanamine, N-[(pentafluo...	475	C21H26F5NO2Si2	055429-85-1	53
2	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	36
3	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	36
4	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	36
5	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	36





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Operator : SY/VA
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Misc : 4.77G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFH39RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
Quant Title : VOC Analysis

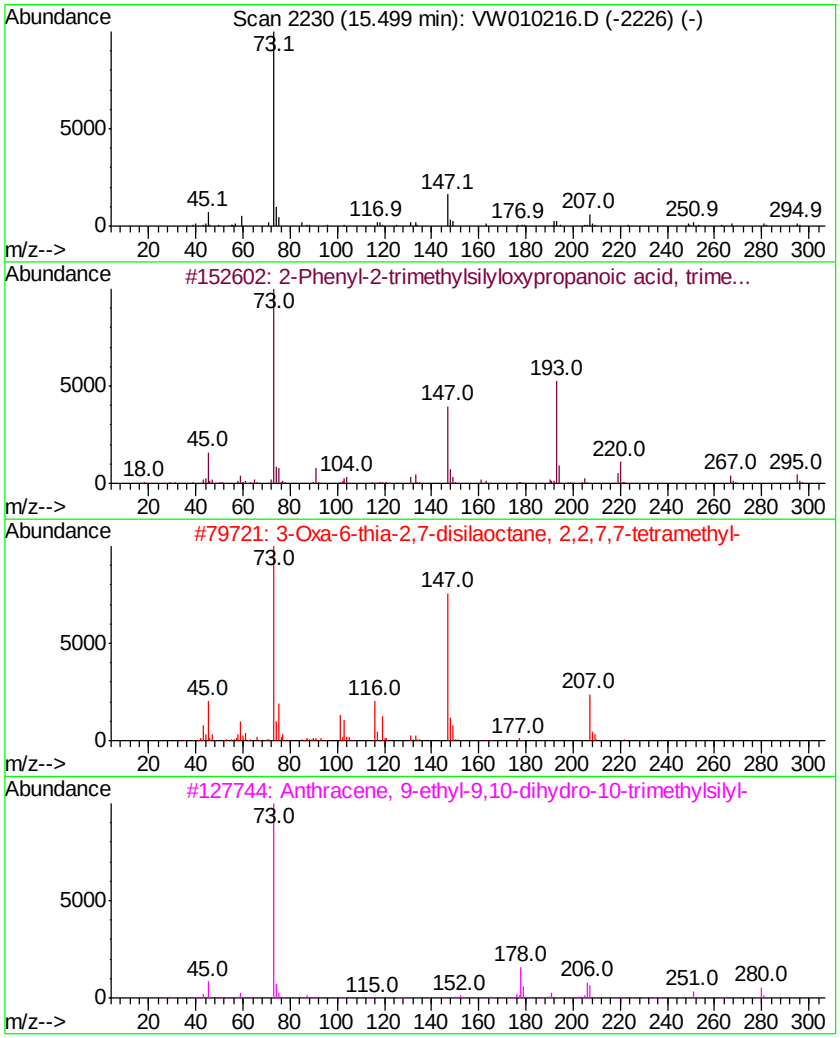
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

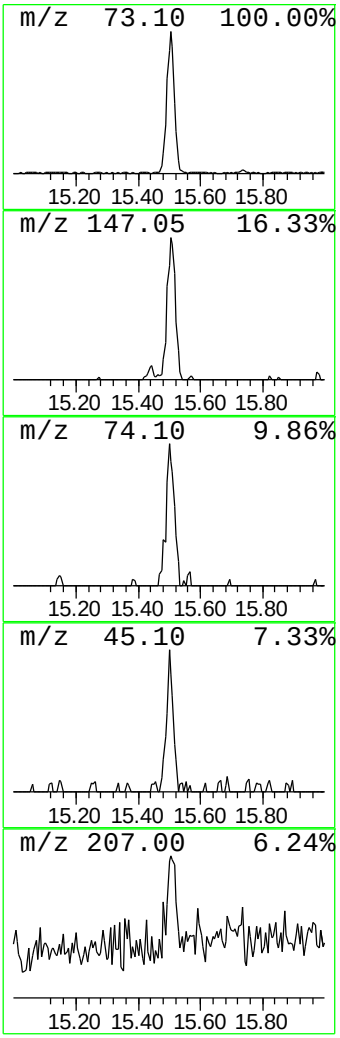
****

Peak Number 6 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	1.56 ug/L	54244	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenyl-2-trimethylsilyloxypropanoic acid, trime...	310	C15H26O3Si2	082326-12-3	38
2	3-Oxa-6-thia-2,7-disilaoctane, 2...	222	C8H22OSSi2	078921-31-0	37
3	Anthracene, 9-ethyl-9,10-dihydro...	280	C19H24Si	344870-13-9	28
4	Butanal, 2,3,4-tris[(trimethylsi...	365	C14H35NO4Si3	056196-36-2	28
5	2-Methyl-3,5-heptadiene, 7-trime...	358	C17H38O2Si3	1000196-08-4	28





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042919\
Data File : VW010216.D
Acq On : 30 Apr 2019 12:30
Operator : SY/VA
Sample : K2613-01RE
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFH39RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.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
(1R)-2,6,6-Trimet...	12.48	1.9	ug/L	124488	2	11.63	1611970	25.0
.beta.-Pinene	13.03	2.5	ug/L	86297	3	13.56	868994	25.0
Benzeneethanamine...	14.08	1.5	ug/L	51982	3	13.56	868994	25.0
unknown-01	15.50	1.6	ug/L	54244	3	13.56	868994	25.0