LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062419\
Data File : VW010954.D
Acq On : 25 Jun 2019 02:14
Operator : SY/VA
Sample : K3460-02
Misc : 5.62G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANT2

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\SOM2WLM062419S.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	2.343	67	72	86	rVB	78632	157882	11.71%	1.814%
2	2.879	154	160	169	rBV	51036	119165	8.84%	1.369%
3	3.379	236	242	252	rVB4	3119	8341	0.62%	0.096%
4	3.666	282	289	295	rVB5	3708	9430	0.70%	0.108%
5	3.855	313	320	326	rBV7	1947	5467	0.41%	0.063%
6	4.013	333	346	359	rBV	124841	415551	30.82%	4.775%
7	4.263	385	387	392	rVB5	616	795	0.06%	0.009%
8	4.397	398	409	416	rBV5	3139	10502	0.78%	0.121%
9	4.861	483	485	486	rVV2	1083	995	0.07%	0.011%
10	4.909	486	493	514	rVB6	7075	33921	2.52%	0.390%
11	5.123	524	528	529	rVV2	673	749	0.06%	0.009%
12	5.165	531	535	543	rVB5	1284	3457	0.26%	0.040%
13	5.385	564	571	572	rBV3	862	1210	0.09%	0.014%
14	5.434	572	579	583	rBV6	1694	4463	0.33%	0.051%
15	5.702	620	623	626	rBV2	506	580	0.04%	0.007%
16	5.940	651	662	671	rVV5	3845	12410	0.92%	0.143%
17	6.123	689	692	695	rVV2	388	584	0.04%	0.007%
18	6.257	710	714	717	rVV4	386	605	0.04%	0.007%
19	6.805	799	804	806	rBV4	411	739	0.05%	0.008%
20	6.872	809	815	817	rBV4	1122	2316	0.17%	0.027%
21	6.982	826	833	840	rBV7	1715	5083	0.38%	0.058%
22	7.074	840	848	854	rBV	51875	143240	10.62%	1.646%
23	7.263	877	879	882	rVV2	523	558	0.04%	0.006%
24	7.305	882	886	889	rVB5	526	909	0.07%	0.010%
25	7.427	904	906	909	rVB3	474	562	0.04%	0.006%
26	7.488	913	916	917	rBV2	527	631	0.05%	0.007%
27	7.525	918	922	929	rVV5	1453	2694	0.20%	0.031%
28	7.647	931	942	954	rVV	216497	531462	39.41%	6.107%
29	7.769	959	962	966	rBV3	604	1197	0.09%	0.014%
30	7.945	983	991	999	rVV9	2658	10014	0.74%	0.115%
31	8.031	999	1005	1014	rVB6	3531	8722	0.65%	0.100%
32	8.153	1020	1025	1031	rVB3	2678	5827	0.43%	0.067%
33	8.275	1033	1045	1062	rBV2	448001	1348390	100.00%	15.494%
34	8.476	1071	1078	1088	rVB2	9496	25880	1.92%	0.297%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062419\
Data File : VW010954.D
Acq On : 25 Jun 2019 02:14
Operator : SY/VA
Sample : K3460-02
Misc : 5.62G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANT2

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\SOM2WLM062419S.M
Title : VOC Analysis

35	8.689	1106	1113	1120	rBV5	2044	4687	0.35%	0.054%
36	8.842	1129	1138	1156	rBV	383942	760058	56.37%	8.734%
37	9.073	1169	1176	1185	rVB7	6147	13190	0.98%	0.152%
38	9.274	1199	1209	1224	rBV	332343	687785	51.01%	7.903%
39	9.378	1224	1226	1231	rVB3	2096	3450	0.26%	0.040%
40	9.421	1231	1233	1236	rBV2	506	598	0.04%	0.007%
41	9.463	1236	1240	1243	rBV3	926	1374	0.10%	0.016%
42	9.512	1243	1248	1254	rVB5	901	2289	0.17%	0.026%
43	9.604	1258	1263	1265	rBV4	862	1209	0.09%	0.014%
44	9.665	1268	1273	1280	rVB7	2109	4212	0.31%	0.048%
45	9.756	1282	1288	1296	rVB	7708	15016	1.11%	0.173%
46	9.890	1303	1310	1317	rBV2	9435	19753	1.46%	0.227%
47	10.037	1324	1334	1346	rBV	147256	278783	20.68%	3.204%
48	10.213	1357	1363	1367	rBV2	6149	11620	0.86%	0.134%
49	10.323	1373	1381	1388	rBV	590964	1014698	75.25%	11.660%
50	10.390	1388	1392	1400	rVB	10616	18981	1.41%	0.218%
51	10.579	1416	1423	1431	rBV	92676	160806	11.93%	1.848%
52	10.707	1438	1444	1452	rBV	23622	41042	3.04%	0.472%
53	10.768	1452	1454	1456	rVB3	742	586	0.04%	0.007%
54	10.829	1459	1464	1466	rBV3	3452	5685	0.42%	0.065%
55	10.927	1473	1480	1492	rBV	191370	330393	24.50%	3.797%
56	11.067	1498	1503	1512	rVB	25487	43860	3.25%	0.504%
57	11.177	1517	1521	1526	rBV7	1150	2375	0.18%	0.027%
58	11.329	1543	1546	1552	rVB6	895	1644	0.12%	0.019%
59	11.402	1556	1558	1560	rVV3	826	824	0.06%	0.009%
60	11.439	1560	1564	1569	rVB2	4812	7495	0.56%	0.086%
61	11.634	1585	1596	1604	rBV	457148	785530	58.26%	9.027%
62	11.731	1607	1612	1619	rVB3	4658	10259	0.76%	0.118%
63	11.835	1624	1629	1640	rVB2	10028	22154	1.64%	0.255%
64	11.981	1651	1653	1657	rBV4	910	891	0.07%	0.010%
65	12.103	1670	1673	1676	rBV4	587	771	0.06%	0.009%
66	12.164	1678	1683	1691	rVB3	7334	13118	0.97%	0.151%
67	12.323	1706	1709	1710	rBV2	676	628	0.05%	0.007%
68	12.469	1725	1733	1738	rBV10	1365	2783	0.21%	0.032%
69	12.530	1740	1743	1744	rBV2	869	697	0.05%	0.008%
70	12.609	1751	1756	1762	rVB2	20963	34952	2.59%	0.402%
71	12.695	1762	1770	1777	rBV	220760	360883	26.76%	4.147%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062419\
Data File : VW010954.D
Acq On : 25 Jun 2019 02:14
Operator : SY/VA
Sample : K3460-02
Misc : 5.62G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANT2

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\SOM2WLM062419S.M
Title : VOC Analysis

72	12.762	1778	1781	1784	rVV5	1553	1813	0.13%	0.021%
73	12.896	1796	1803	1805	rBV4	3456	6900	0.51%	0.079%
74	12.938	1806	1810	1817	rVV3	8609	14316	1.06%	0.165%
75	13.091	1833	1835	1836	rBV2	666	717	0.05%	0.008%
76	13.170	1843	1848	1849	rBV4	704	1110	0.08%	0.013%
77	13.195	1849	1852	1856	rVB4	2414	2755	0.20%	0.032%
78	13.249	1856	1861	1866	rBV4	2188	4594	0.34%	0.053%
79	13.304	1866	1870	1879	rVB8	2897	5090	0.38%	0.058%
80	13.408	1879	1887	1891	rBV5	4632	9559	0.71%	0.110%
81	13.463	1894	1896	1897	rBV2	762	627	0.05%	0.007%
82	13.560	1905	1912	1918	rBV	273316	440390	32.66%	5.061%
83	13.652	1922	1927	1933	rVB2	24275	39541	2.93%	0.454%
84	13.761	1942	1945	1949	rBV6	2605	4446	0.33%	0.051%
85	13.853	1953	1960	1968	rBV	289797	483479	35.86%	5.556%
86	14.072	1992	1996	2005	rVB2	14158	23942	1.78%	0.275%
87	14.335	2031	2039	2042	rBV6	5165	12658	0.94%	0.145%
88	14.420	2049	2053	2062	rVB2	15954	27171	2.02%	0.312%
89	15.176	2174	2177	2180	rBV4	1137	1657	0.12%	0.019%
90	15.237	2185	2187	2188	rBV2	757	636	0.05%	0.007%
91	15.444	2215	2221	2226	rBV2	16541	27729	2.06%	0.319%
92	15.499	2226	2230	2237	rVB	26263	45777	3.39%	0.526%
93	15.554	2237	2239	2240	rBV2	1296	1194	0.09%	0.014%
94	15.712	2261	2265	2268	rBV4	1099	1907	0.14%	0.022%
95	15.914	2296	2298	2301	rVB2	801	636	0.05%	0.007%
96	15.968	2305	2307	2310	rVB3	956	1041	0.08%	0.012%
97	16.291	2357	2360	2364	rBV4	833	1223	0.09%	0.014%
98	16.401	2376	2378	2381	rBV3	556	577	0.04%	0.007%
99	16.499	2392	2394	2397	rBV4	904	857	0.06%	0.010%
100	16.676	2421	2423	2425	rBV3	896	659	0.05%	0.008%

Sum of corrected areas: 8702411

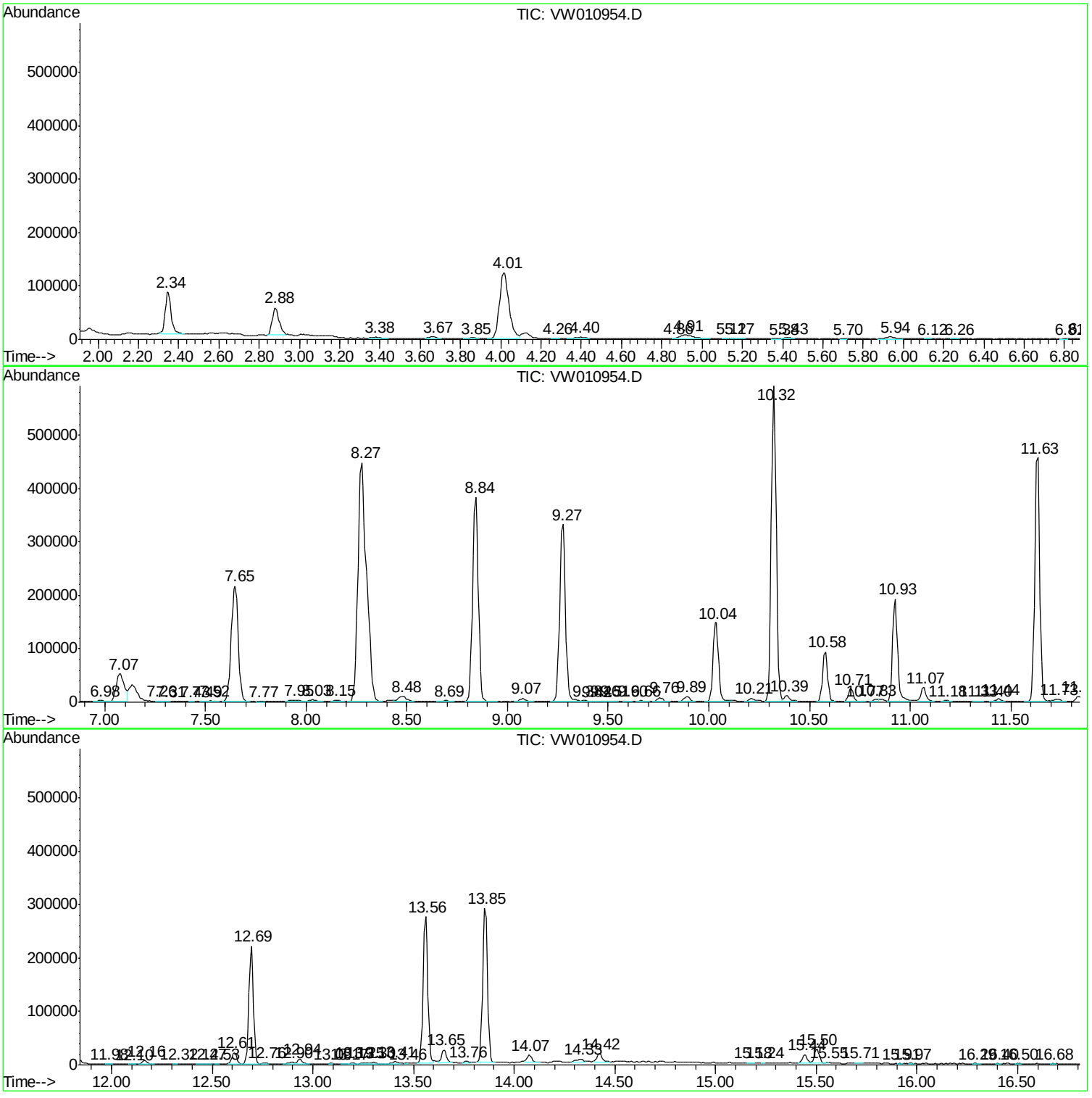
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062419\
Data File : VW010954.D
Acq On : 25 Jun 2019 02:14
Operator : SY/VA
Sample : K3460-02
Misc : 5.62G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANT2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062419\
Data File : VW010954.D
Acq On : 25 Jun 2019 02:14
Operator : SY/VA
Sample : K3460-02
Misc : 5.62G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANT2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis

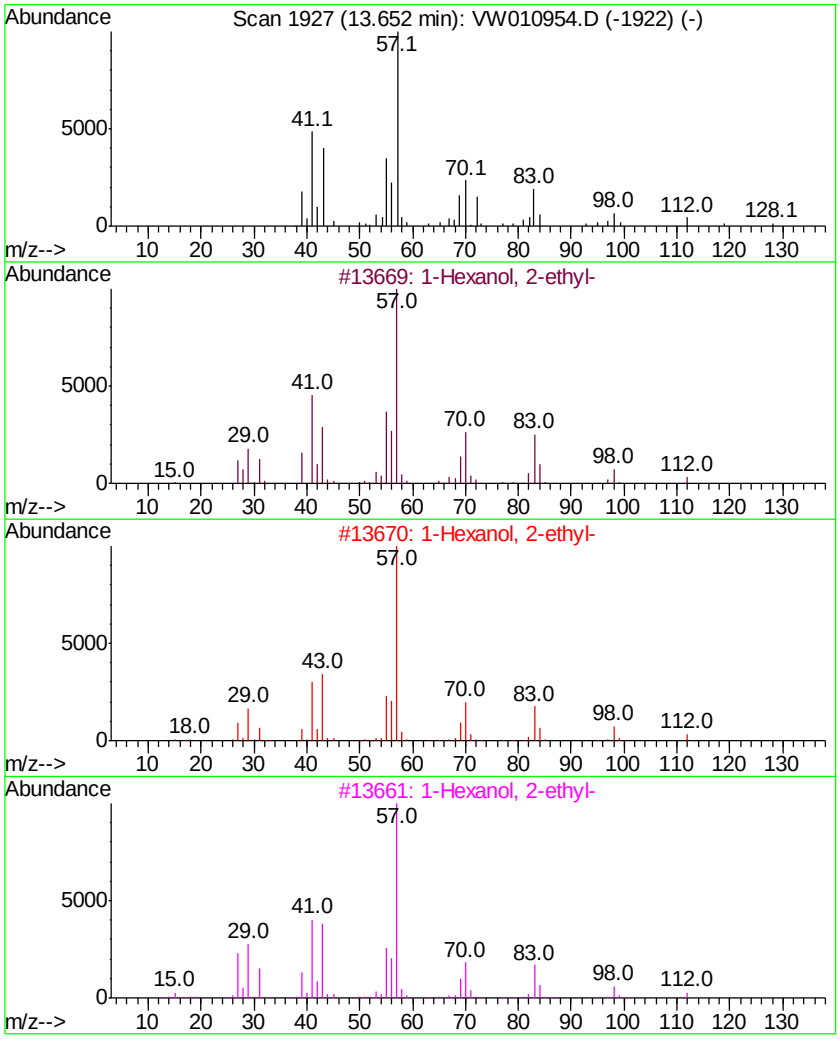
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

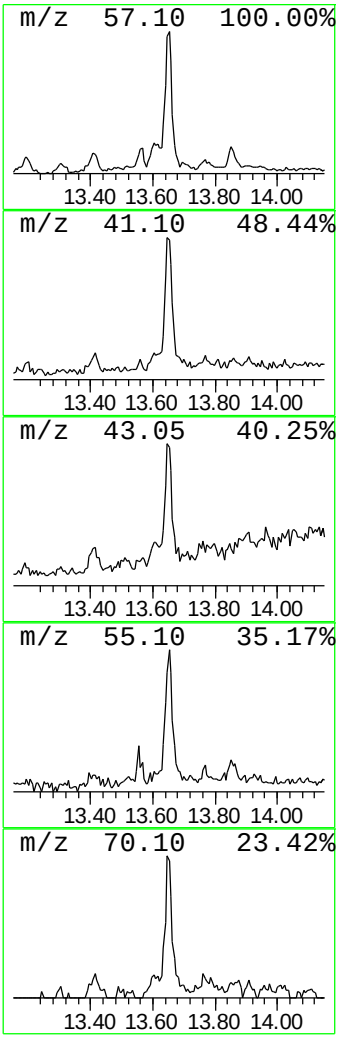
****

Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	2.24 ug/L	39541	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	53
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	53





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062419\
Data File : VW010954.D
Acq On : 25 Jun 2019 02:14
Operator : SY/VA
Sample : K3460-02
Misc : 5.62G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANT2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis

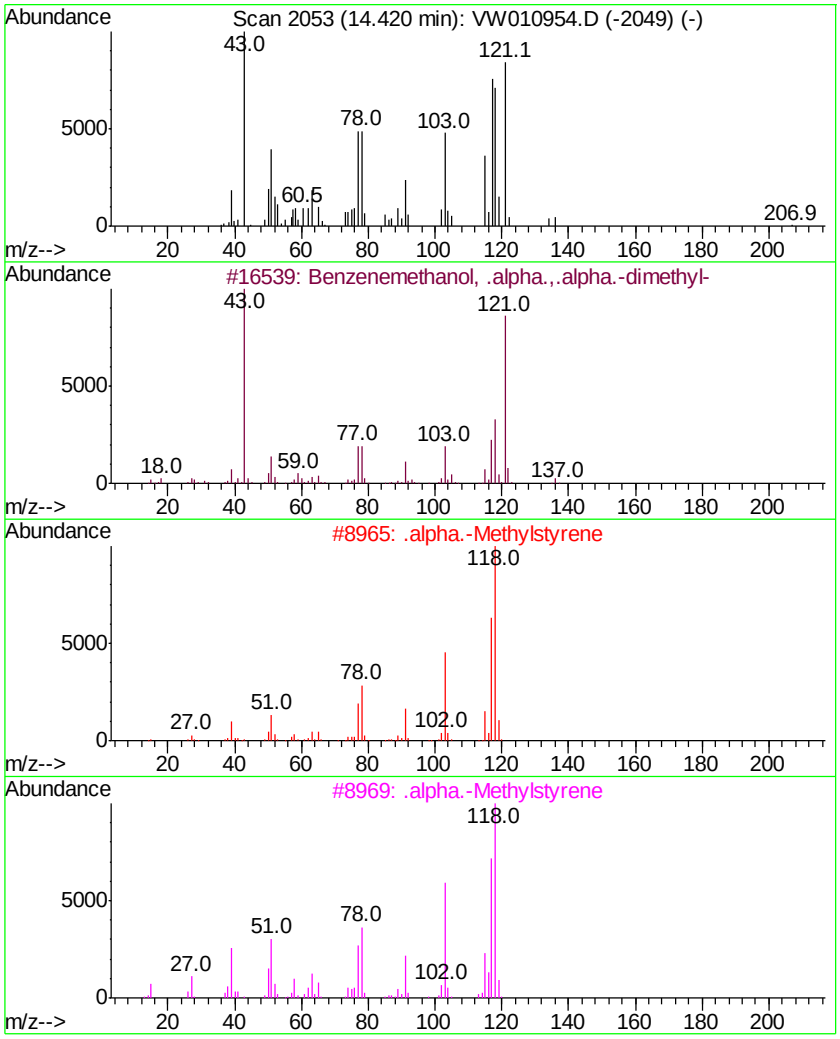
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

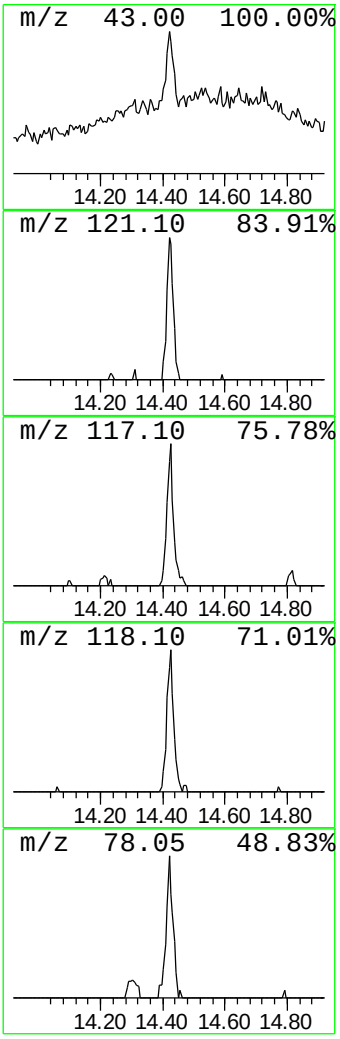
****

Peak Number 7 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	1.54 ug/L	27171	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, .alpha.,.alpha....	136	C9H12O	000617-94-7	43
2	.alpha.-Methylstyrene	118	C9H10	000098-83-9	43
3	.alpha.-Methylstyrene	118	C9H10	000098-83-9	43
4	.alpha.-Methylstyrene	118	C9H10	000098-83-9	43
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	35





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062419\
Data File : VW010954.D
Acq On : 25 Jun 2019 02:14
Operator : SY/VA
Sample : K3460-02
Misc : 5.62G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANT2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis

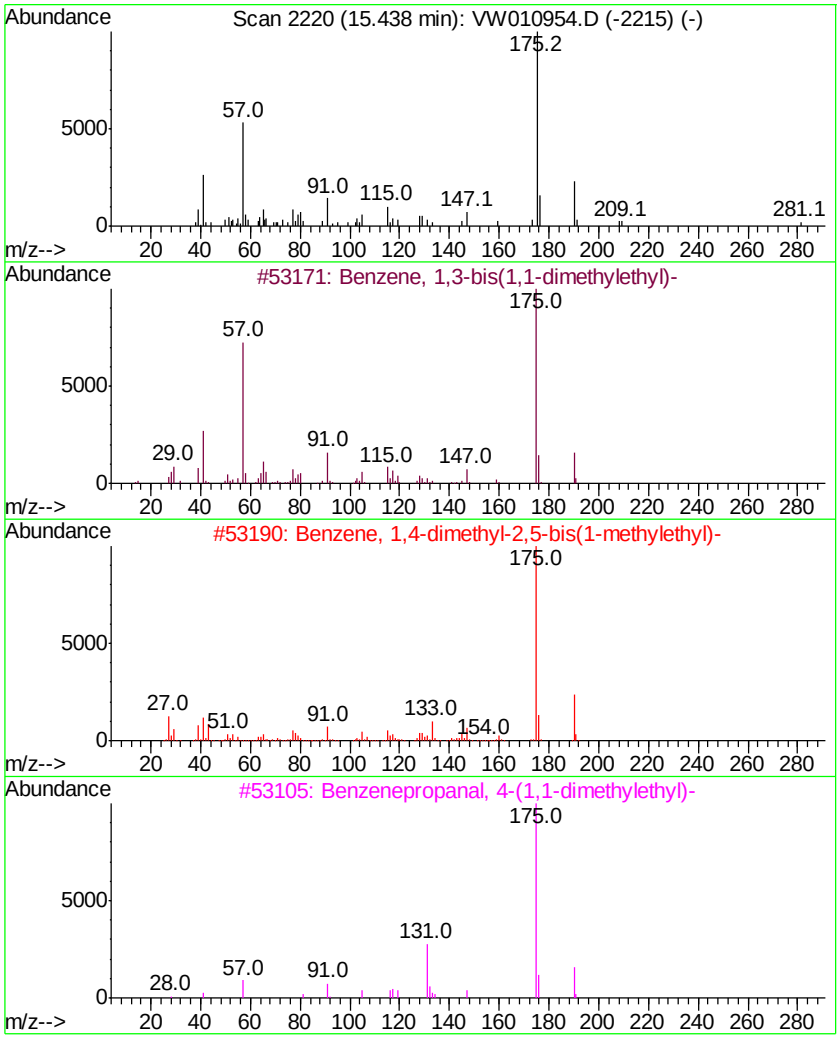
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

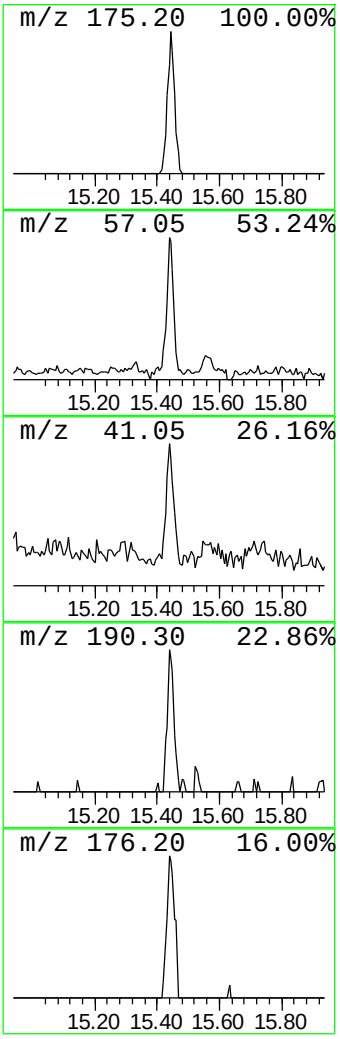
****

Peak Number 8 Benzene, 1,3-bis(1,1-dimeth... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	1.57 ug/L	27729	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-bis(1,1-dimethyleth...	190	C14H22	001014-60-4	87
2	Benzene, 1,4-dimethyl-2,5-bis(1-...	190	C14H22	010375-96-9	80
3	Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	72
4	m-Cymene, 5-tert-butyl-	190	C14H22	029577-19-3	72
5	Benzene, 1,5-dimethyl-2,4-bis(1-...	190	C14H22	005186-68-5	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062419\
Data File : VW010954.D
Acq On : 25 Jun 2019 02:14
Operator : SY/VA
Sample : K3460-02
Misc : 5.62G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANT2

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.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
1-Hexanol, 2-ethyl-	13.65	2.2	ug/L	39541	3	13.56	440390	25.0
unknown-02	14.42	1.5	ug/L	27171	3	13.56	440390	25.0
Benzene, 1,3-bis(...	15.44	1.6	ug/L	27729	3	13.56	440390	25.0