LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014841.D
Acq On : 03 Feb 2020 18:16
Operator : SY/VA
Sample : L1323-15
Misc : 5.04G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT53

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\SOM2WLM020320S.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	2.349	69	73	80	rVB	30757	50104	8.08%	1.041%
2	2.885	155	161	178	rVB	54817	177415	28.61%	3.684%
3	3.147	203	204	207	rBV3	665	788	0.13%	0.016%
4	3.379	240	242	243	rBV2	1133	768	0.12%	0.016%
5	3.452	249	254	255	rBV5	858	1012	0.16%	0.021%
6	3.501	258	262	265	rVV5	743	956	0.15%	0.020%
7	3.653	285	287	295	rVB8	740	1611	0.26%	0.033%
8	3.714	295	297	301	rBV4	1149	1097	0.18%	0.023%
9	4.019	335	347	358	rBV	70437	190985	30.80%	3.966%
10	4.135	358	366	370	rBV2	3909	7980	1.29%	0.166%
11	4.312	393	395	398	rBV4	576	774	0.12%	0.016%
12	4.397	401	409	414	rBV7	1975	3786	0.61%	0.079%
13	4.452	414	418	419	rVB4	1196	1430	0.23%	0.030%
14	4.482	421	423	426	rVB4	1124	1242	0.20%	0.026%
15	4.549	429	434	435	rBV4	868	1040	0.17%	0.022%
16	4.738	462	465	468	rBV4	806	1169	0.19%	0.024%
17	4.781	471	472	475	rVB2	952	879	0.14%	0.018%
18	4.830	475	480	481	rBV4	1173	1516	0.24%	0.031%
19	4.915	484	494	508	rVB2	9962	33775	5.45%	0.701%
20	5.013	508	510	516	rBV5	982	1573	0.25%	0.033%
21	5.147	530	532	535	rVV2	1069	1388	0.22%	0.029%
22	5.196	538	540	543	rVB3	1318	1279	0.21%	0.027%
23	5.226	543	545	547	rBV	944	847	0.14%	0.018%
24	5.519	590	593	595	rBV2	898	798	0.13%	0.017%
25	6.006	671	673	676	rVB2	885	962	0.16%	0.020%
26	6.049	676	680	682	rBV2	818	1166	0.19%	0.024%
27	6.080	682	685	688	rVV3	735	1068	0.17%	0.022%
28	6.153	694	697	700	rVB2	860	1313	0.21%	0.027%
29	6.238	709	711	713	rVB	1382	1070	0.17%	0.022%
30	6.634	773	776	778	rBV4	879	1219	0.20%	0.025%
31	6.799	801	803	806	rVB3	1002	1161	0.19%	0.024%
32	6.842	806	810	811	rBV3	1352	1672	0.27%	0.035%
33	6.909	818	821	824	rVB3	1165	1353	0.22%	0.028%
34	7.128	839	857	873	rBV3	61528	233843	37.71%	4.856%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014841.D
Acq On : 03 Feb 2020 18:16
Operator : SY/VA
Sample : L1323-15
Misc : 5.04G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT53

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\SOM2WLM020320S.M
Title : VOC Analysis

35	7.256	873	878	887	rVV5	3116	9105	1.47%	0.189%
36	7.384	896	899	900	rBV2	949	861	0.14%	0.018%
37	7.488	914	916	918	rVB3	951	755	0.12%	0.016%
38	7.537	918	924	927	rBV5	972	1850	0.30%	0.038%
39	7.646	931	942	953	rBV2	99425	248986	40.15%	5.171%
40	7.799	963	967	970	rVB5	1010	1280	0.21%	0.027%
41	7.835	970	973	975	rBV2	772	829	0.13%	0.017%
42	7.933	986	989	991	rBV4	801	951	0.15%	0.020%
43	7.951	991	992	995	rVB3	1015	832	0.13%	0.017%
44	7.994	995	999	1000	rBV4	885	938	0.15%	0.019%
45	8.110	1016	1018	1021	rBV4	788	973	0.16%	0.020%
46	8.274	1033	1045	1061	rBV2	199523	620167	100.00%	12.879%
47	8.384	1061	1063	1064	rVV2	1121	1112	0.18%	0.023%
48	8.396	1064	1065	1069	rVV3	1522	1474	0.24%	0.031%
49	8.463	1073	1076	1079	rVB5	1134	1228	0.20%	0.026%
50	8.536	1087	1088	1090	rBV2	1047	801	0.13%	0.017%
51	8.610	1099	1100	1109	rVB6	1346	2220	0.36%	0.046%
52	8.683	1109	1112	1115	rBV3	1100	1871	0.30%	0.039%
53	8.738	1118	1121	1124	rVB4	1114	1294	0.21%	0.027%
54	8.841	1127	1138	1146	rBV	162695	319213	51.47%	6.629%
55	8.896	1146	1147	1151	rVB3	1293	1074	0.17%	0.022%
56	9.036	1166	1170	1172	rBV4	701	775	0.12%	0.016%
57	9.061	1172	1174	1175	rBV2	1188	1036	0.17%	0.022%
58	9.274	1201	1209	1217	rVV	140356	294294	47.45%	6.112%
59	9.335	1217	1219	1221	rVV2	1964	2125	0.34%	0.044%
60	9.353	1221	1222	1228	rVB6	2051	1653	0.27%	0.034%
61	9.402	1228	1230	1234	rVB5	1297	1319	0.21%	0.027%
62	9.463	1239	1240	1243	rBV2	844	861	0.14%	0.018%
63	9.591	1258	1261	1262	rBV2	1099	1134	0.18%	0.024%
64	9.609	1262	1264	1267	rVB3	1485	1028	0.17%	0.021%
65	9.652	1270	1271	1273	rBV2	1242	1017	0.16%	0.021%
66	9.762	1288	1289	1292	rBV3	1107	1075	0.17%	0.022%
67	9.792	1292	1294	1298	rVV4	839	1031	0.17%	0.021%
68	9.853	1302	1304	1306	rVB3	1128	786	0.13%	0.016%
69	9.878	1306	1308	1311	rBV3	1134	1226	0.20%	0.025%
70	9.902	1311	1312	1315	rVB3	1081	772	0.12%	0.016%
71	9.933	1315	1317	1321	rBV5	1080	1417	0.23%	0.029%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014841.D
Acq On : 03 Feb 2020 18:16
Operator : SY/VA
Sample : L1323-15
Misc : 5.04G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT53

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\SOM2WLM020320S.M
Title : VOC Analysis

72	9.987	1323	1326	1327	rBV3	1385	1406	0.23%	0.029%
73	10.030	1327	1333	1340	rVV2	62658	115918	18.69%	2.407%
74	10.115	1343	1347	1349	rBV4	1146	1415	0.23%	0.029%
75	10.182	1356	1358	1359	rBV2	1031	975	0.16%	0.020%
76	10.213	1359	1363	1367	rVV7	3283	4700	0.76%	0.098%
77	10.250	1367	1369	1372	rVB4	1141	1057	0.17%	0.022%
78	10.323	1372	1381	1389	rBV	242781	433824	69.95%	9.009%
79	10.445	1397	1401	1402	rBV4	1203	1138	0.18%	0.024%
80	10.512	1405	1412	1415	rVV3	5073	11446	1.85%	0.238%
81	10.579	1417	1423	1431	rVB2	40534	73928	11.92%	1.535%
82	10.701	1436	1443	1453	rBV	66014	128006	20.64%	2.658%
83	10.853	1464	1468	1469	rBV4	1877	2670	0.43%	0.055%
84	10.926	1474	1480	1488	rBV	63190	121437	19.58%	2.522%
85	11.060	1497	1502	1510	rBV	31503	55764	8.99%	1.158%
86	11.170	1515	1520	1527	rBV	3900	9328	1.50%	0.194%
87	11.225	1527	1529	1530	rBV2	1675	1233	0.20%	0.026%
88	11.341	1546	1548	1550	rVB3	2613	1705	0.27%	0.035%
89	11.438	1559	1564	1569	rVB	28475	45743	7.38%	0.950%
90	11.627	1588	1595	1604	rBV	234221	418278	67.45%	8.687%
91	11.725	1609	1611	1616	rVB6	4235	5438	0.88%	0.113%
92	12.353	1712	1714	1715	rBV2	3142	2846	0.46%	0.059%
93	12.603	1750	1755	1762	rBV	74551	128840	20.78%	2.676%
94	12.688	1764	1769	1778	rVB	109746	185986	29.99%	3.862%
95	13.298	1863	1869	1878	rVB5	28388	69302	11.17%	1.439%
96	13.554	1906	1911	1917	rBV	167322	274655	44.29%	5.704%
97	13.853	1954	1960	1966	rBV	195129	326737	52.69%	6.786%
98	14.072	1992	1996	2000	rVB	22690	35934	5.79%	0.746%
99	14.651	2086	2091	2097	rVB9	21313	54764	8.83%	1.137%
100	15.438	2217	2220	2228	rVB4	25552	42342	6.83%	0.879%

Sum of corrected areas: 4815217

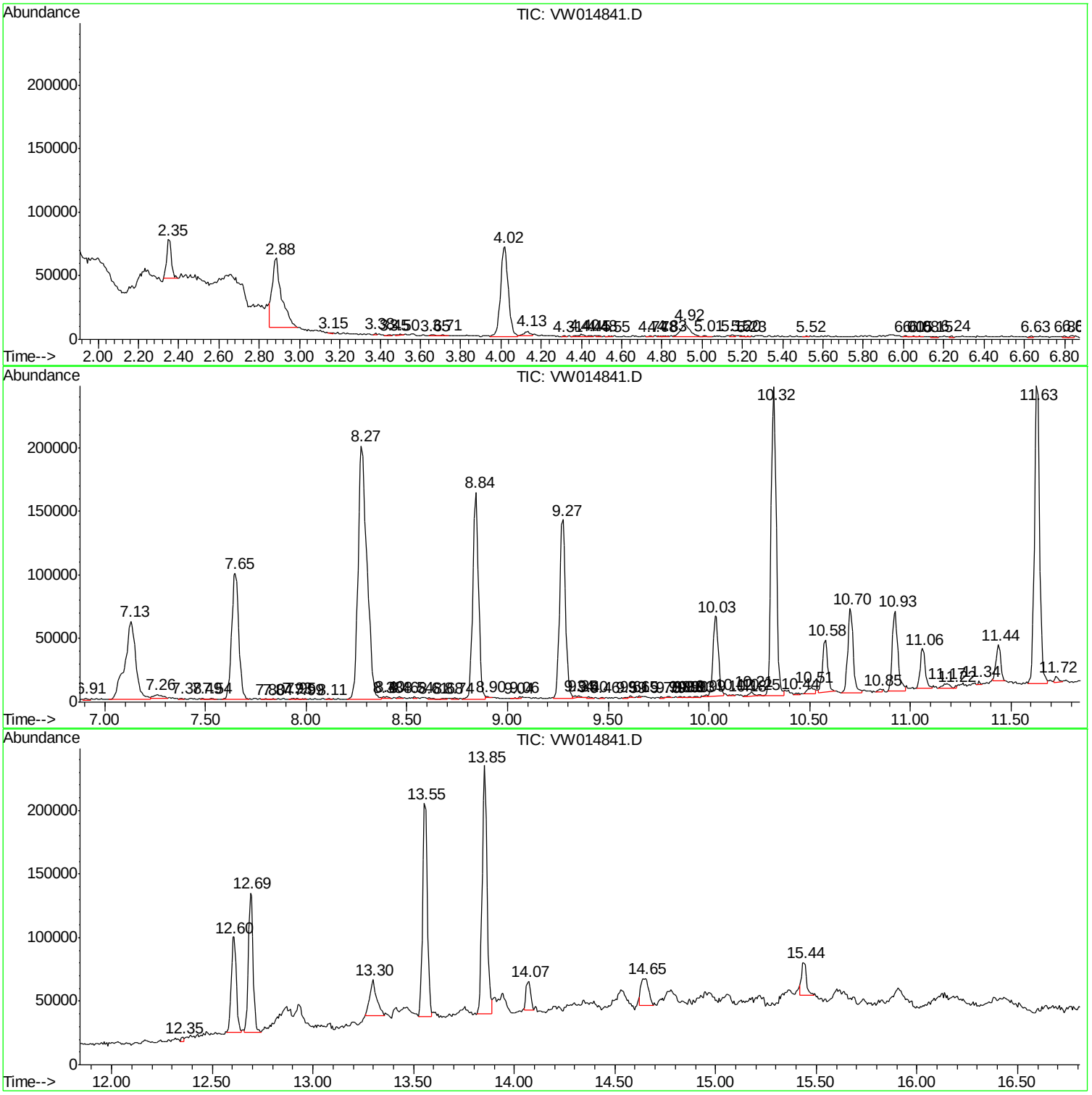
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020320\
Data File : VW014841.D
Acq On : 03 Feb 2020 18:16
Operator : SY/VA
Sample : L1323-15
Misc : 5.04G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT53

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020320\
Data File : VW014841.D
Acq On : 03 Feb 2020 18:16
Operator : SY/VA
Sample : L1323-15
Misc : 5.04G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT53

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

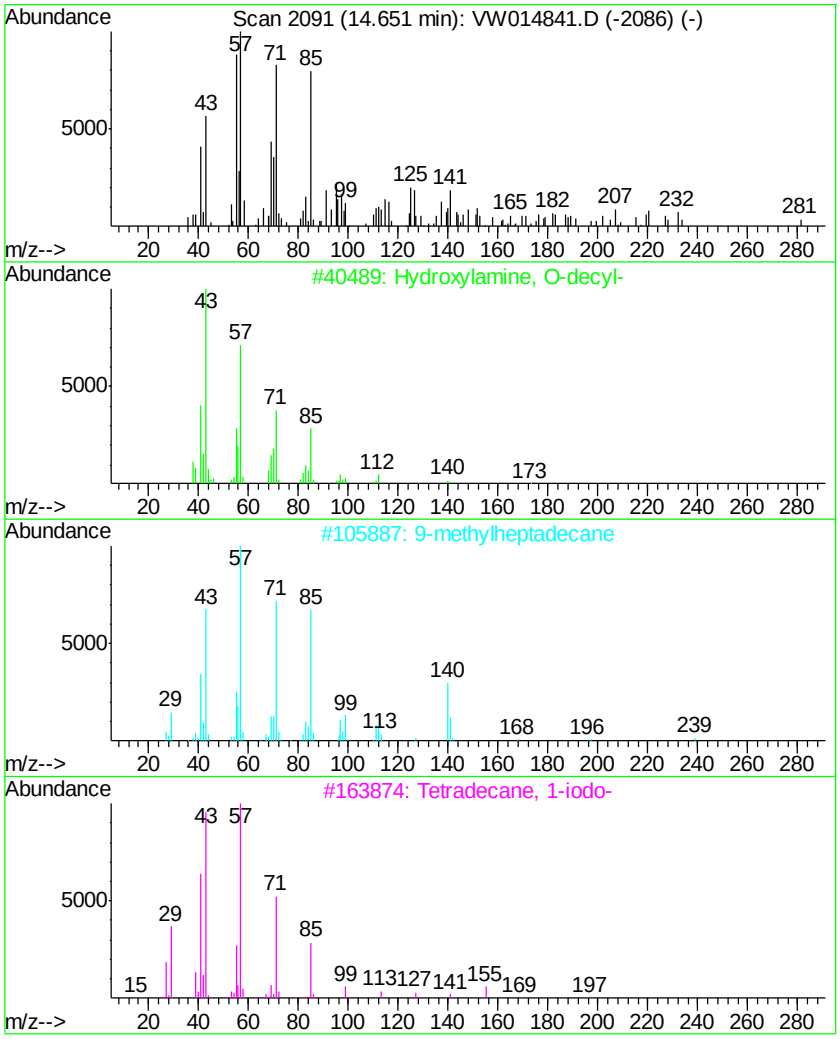
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

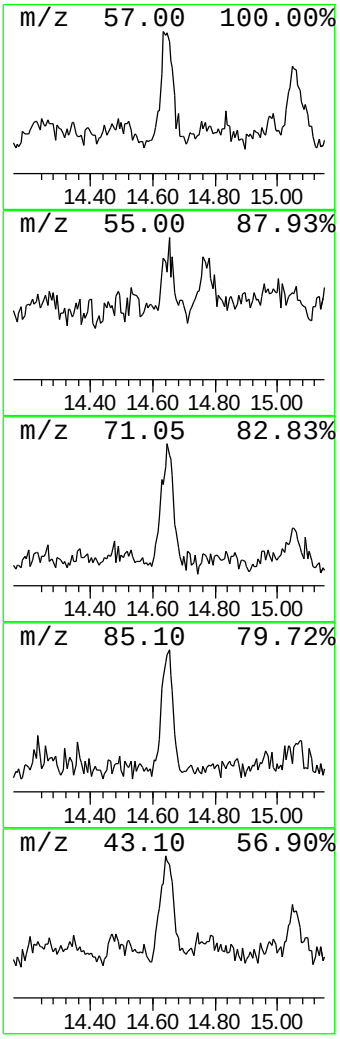
****

Peak Number 8 Hydroxylamine, O-decyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	4.98 ug/L	54764	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydroxylamine, O-decyl-	173	C10H23NO	029812-79-1	52
2	9-methylheptadecane	254	C18H38	026741-18-4	50
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	38
4	2,6-Dimethyldecane	170	C12H26	013150-81-7	38
5	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020320\
Data File : VW014841.D
Acq On : 03 Feb 2020 18:16
Operator : SY/VA
Sample : L1323-15
Misc : 5.04G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT53

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis

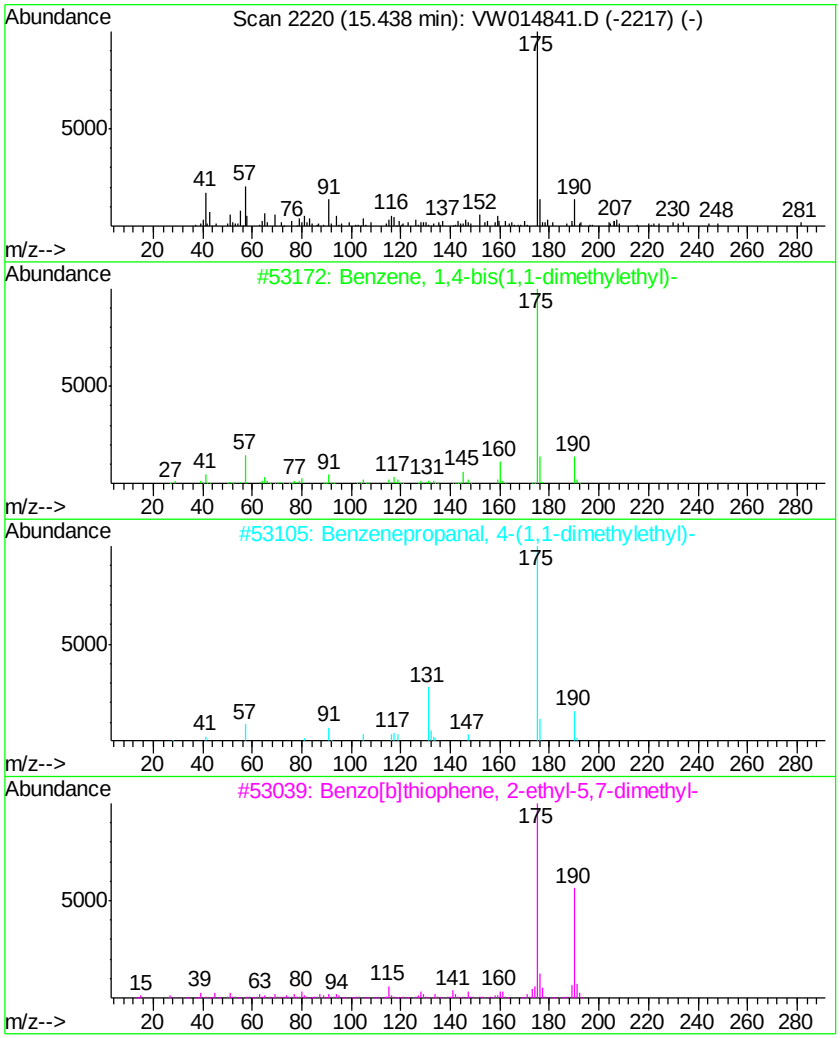
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

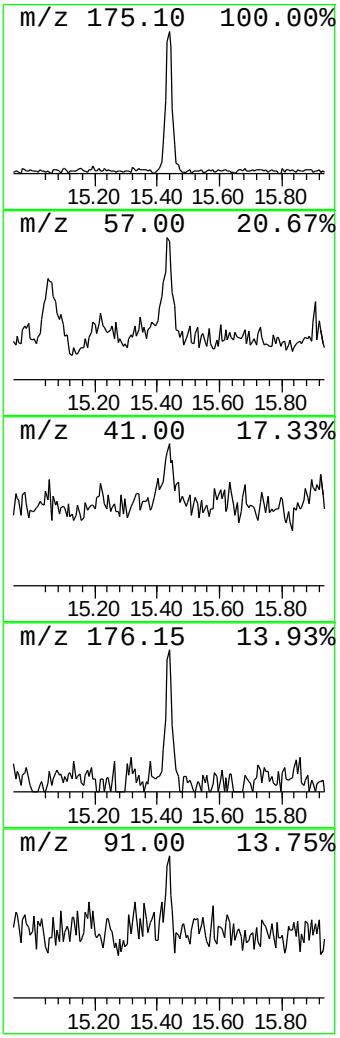
****

Peak Number 9 Benzene, 1,4-bis(1,1-dimeth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	3.85 ug/L	42342	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-bis(1,1-dimethyleth...	190	C14H22	001012-72-2	74
2	Benzenepropanal, 4-(1,1-dimethyl...	190	C13H18O	018127-01-0	72
3	Benzo[b]thiophene, 2-ethyl-5,7-d...	190	C12H14S	018428-05-2	64
4	4,5-Dihydro-5-oxo-3-(p-tolyl)iso...	175	C10H9NO2	025755-82-2	64
5	Precocene I	190	C12H14O2	017598-02-6	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020320\
Data File : VW014841.D
Acq On : 03 Feb 2020 18:16
Operator : SY/VA
Sample : L1323-15
Misc : 5.04G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT53

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.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
Hydroxylamine, O-...	14.65	5.0	ug/L	54764	3	13.56	274655	25.0
Benzene, 1,4-bis(...	15.44	3.9	ug/L	42342	3	13.56	274655	25.0