LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014865.D
Acq On : 04 Feb 2020 17:58
Operator : SY/VA
Sample : L1324-07
Misc : 5.04G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT64

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	2.160	38	42	47	rBV3	26641	52175	1.08%	0.150%
2	2.349	68	73	85	rVB	273422	530241	10.97%	1.529%
3	2.885	155	161	177	rVB	236993	579329	11.98%	1.670%
4	3.330	233	234	237	rVB2	1589	1078	0.02%	0.003%
5	3.373	237	241	243	rBV4	2093	2785	0.06%	0.008%
6	3.660	285	288	289	rBV3	1212	1262	0.03%	0.004%
7	3.714	296	297	300	rBV3	1035	1249	0.03%	0.004%
8	3.855	317	320	321	rBV2	1614	1525	0.03%	0.004%
9	4.013	334	346	361	rBV	456805	1484372	30.70%	4.280%
10	4.202	375	377	380	rVB4	1731	1844	0.04%	0.005%
11	4.227	380	381	384	rBV3	849	850	0.02%	0.002%
12	4.397	402	409	411	rBV4	1821	3776	0.08%	0.011%
13	4.617	441	445	448	rBV2	876	1051	0.02%	0.003%
14	4.720	461	462	465	rVV2	849	984	0.02%	0.003%
15	4.763	467	469	474	rVV4	722	1100	0.02%	0.003%
16	4.818	474	478	480	rVV3	953	1346	0.03%	0.004%
17	4.915	482	494	514	rVV2	66436	248652	5.14%	0.717%
18	5.098	522	524	525	rBV2	1131	936	0.02%	0.003%
19	5.306	555	558	559	rVV2	891	790	0.02%	0.002%
20	5.373	568	569	572	rBV	715	808	0.02%	0.002%
21	5.403	572	574	575	rVV2	1085	811	0.02%	0.002%
22	5.428	576	578	584	rVV4	1425	1997	0.04%	0.006%
23	5.678	615	619	623	rBV4	882	1417	0.03%	0.004%
24	5.714	623	625	627	rBV2	951	900	0.02%	0.003%
25	5.879	649	652	653	rBV	1600	1343	0.03%	0.004%
26	5.934	653	661	675	rVV3	13393	42687	0.88%	0.123%
27	6.232	708	710	713	rVB3	837	950	0.02%	0.003%
28	6.635	774	776	781	rVB3	1016	1320	0.03%	0.004%
29	6.696	783	786	789	rBV3	866	876	0.02%	0.003%
30	6.781	797	800	802	rVB2	731	814	0.02%	0.002%
31	6.811	802	805	808	rBV3	804	1285	0.03%	0.004%
32	6.909	818	821	823	rBV4	1419	1862	0.04%	0.005%
33	7.074	839	848	853	rBV	162601	436773	9.03%	1.259%
34	7.433	905	907	909	rVB3	1342	1133	0.02%	0.003%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT64

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\SOM2WLM020320S.M
Title : VOC Analysis

35	7.458	909	911	912	rBV2	1170	862	0.02%	0.002%
36	7.506	915	919	920	rBV3	1170	1245	0.03%	0.004%
37	7.647	931	942	955	rVB	789666	1922373	39.76%	5.543%
38	7.738	955	957	962	rVB5	900	982	0.02%	0.003%
39	7.878	979	980	983	rVB2	1591	985	0.02%	0.003%
40	7.945	983	991	999	rVB9	3734	10769	0.22%	0.031%
41	8.012	999	1002	1003	rBV2	927	887	0.02%	0.003%
42	8.055	1008	1009	1013	rVB3	915	960	0.02%	0.003%
43	8.134	1019	1022	1025	rBV3	944	1153	0.02%	0.003%
44	8.275	1033	1045	1061	rBV2	1631671	4834574	100.00%	13.940%
45	8.622	1100	1102	1108	rVB5	1860	3239	0.07%	0.009%
46	8.689	1108	1113	1119	rBV5	3011	7676	0.16%	0.022%
47	8.842	1127	1138	1150	rBV	1404468	2770159	57.30%	7.988%
48	8.927	1150	1152	1157	rVB4	2262	3274	0.07%	0.009%
49	9.079	1170	1177	1184	rVB5	8277	18010	0.37%	0.052%
50	9.134	1184	1186	1188	rVB3	1578	1096	0.02%	0.003%
51	9.274	1199	1209	1218	rBV	1140002	2357982	48.77%	6.799%
52	9.549	1252	1254	1259	rVB4	1298	1213	0.03%	0.003%
53	9.598	1259	1262	1265	rVB5	922	845	0.02%	0.002%
54	9.659	1266	1272	1279	rVV	10982	19913	0.41%	0.057%
55	9.878	1305	1308	1313	rBV4	787	1440	0.03%	0.004%
56	10.030	1317	1333	1344	rBV	574444	1050856	21.74%	3.030%
57	10.128	1344	1349	1354	rVB4	6427	12697	0.26%	0.037%
58	10.213	1357	1363	1372	rVB2	5993	11540	0.24%	0.033%
59	10.323	1372	1381	1388	rBV	2275208	3979732	82.32%	11.475%
60	10.384	1388	1391	1398	rVB	28695	48874	1.01%	0.141%
61	10.506	1409	1411	1415	rBV4	1515	1724	0.04%	0.005%
62	10.573	1415	1422	1435	rVV	371882	647301	13.39%	1.866%
63	10.701	1436	1443	1451	rVB2	108647	204406	4.23%	0.589%
64	10.768	1451	1454	1457	rVB4	1300	1682	0.03%	0.005%
65	10.860	1459	1469	1473	rBV4	16537	32883	0.68%	0.095%
66	10.920	1473	1479	1492	rVV	657495	1116093	23.09%	3.218%
67	11.061	1495	1502	1509	rVV	111548	188893	3.91%	0.545%
68	11.128	1511	1513	1515	rVV3	2528	2215	0.05%	0.006%
69	11.177	1518	1521	1525	rVB5	5659	7345	0.15%	0.021%
70	11.311	1539	1543	1546	rBV5	1375	2913	0.06%	0.008%
71	11.439	1555	1564	1573	rVB	32175	59264	1.23%	0.171%

LSC Area Percent Report

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Operator : SY/VA
Sample : L1324-07
Misc : 5.04G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT64

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\SOM2WLM020320S.M
Title : VOC Analysis

72	11.548	1580	1582	1584	rBV3	1012	909	0.02%	0.003%
73	11.628	1587	1595	1606	rVV	1960495	3269265	67.62%	9.427%
74	11.835	1623	1629	1634	rBV2	13139	25362	0.52%	0.073%
75	12.109	1670	1674	1677	rBV3	688	1050	0.02%	0.003%
76	12.170	1677	1684	1692	rBV5	12209	27760	0.57%	0.080%
77	12.243	1692	1696	1698	rBV4	1457	2199	0.05%	0.006%
78	12.365	1710	1716	1717	rBV5	2878	5560	0.12%	0.016%
79	12.603	1749	1755	1761	rVB	80358	136175	2.82%	0.393%
80	12.688	1762	1769	1777	rBV	824529	1361508	28.16%	3.926%
81	12.853	1779	1796	1798	rBV4	53613	199264	4.12%	0.575%
82	12.932	1805	1809	1817	rVB	59645	110617	2.29%	0.319%
83	13.036	1822	1826	1829	rBV6	1732	2245	0.05%	0.006%
84	13.134	1840	1842	1844	rBV3	1192	854	0.02%	0.002%
85	13.298	1854	1869	1881	rBV5	72933	308201	6.37%	0.889%
86	13.414	1883	1888	1889	rBV3	21064	31153	0.64%	0.090%
87	13.554	1905	1911	1921	rBV	1818374	2901955	60.03%	8.368%
88	13.755	1942	1944	1948	rVB5	5578	6788	0.14%	0.020%
89	13.798	1948	1951	1952	rBV3	3993	4664	0.10%	0.013%
90	13.853	1952	1960	1967	rBV	1897657	3072368	63.55%	8.859%
91	14.066	1991	1995	2005	rVB2	31024	53518	1.11%	0.154%
92	14.200	2012	2017	2020	rBV5	4675	9414	0.19%	0.027%
93	14.328	2034	2038	2041	rBV2	19311	26258	0.54%	0.076%
94	14.517	2057	2069	2082	rVB4	16804	74092	1.53%	0.214%
95	14.725	2099	2103	2109	rBV8	7311	11802	0.24%	0.034%
96	15.365	2202	2208	2215	rBV	55682	106678	2.21%	0.308%
97	15.432	2216	2219	2225	rVB2	14519	24711	0.51%	0.071%
98	15.840	2284	2286	2292	rVB6	4017	6207	0.13%	0.018%
99	16.438	2379	2384	2393	rBV	35254	74910	1.55%	0.216%
100	16.639	2411	2417	2426	rVB	38154	86582	1.79%	0.250%

Sum of corrected areas: 34680445

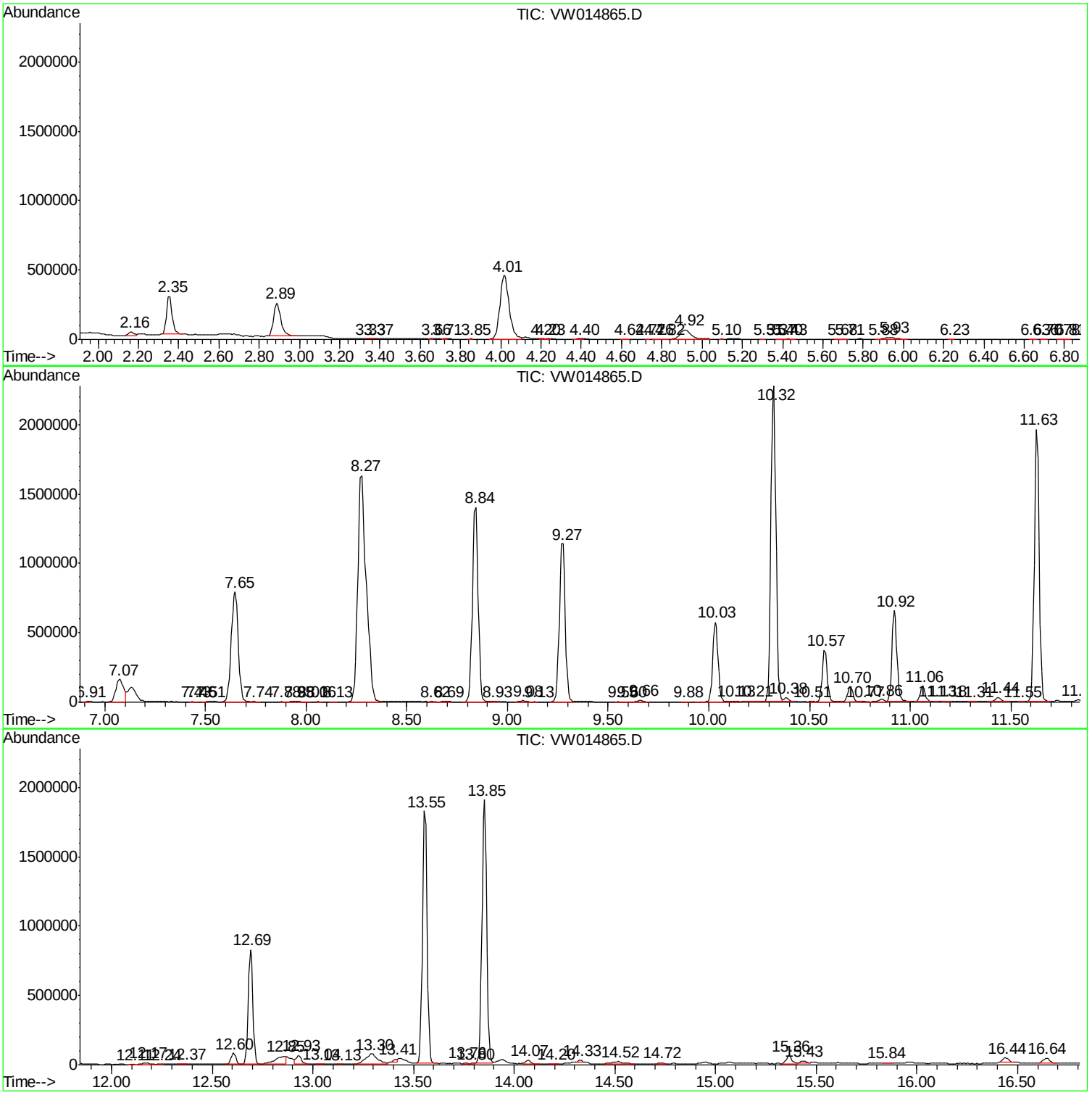
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020420\
Data File : VW014865.D
Acq On : 04 Feb 2020 17:58
Operator : SY/VA
Sample : L1324-07
Misc : 5.04G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT64

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\VW020420\
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Quant Title : VOC Analysis

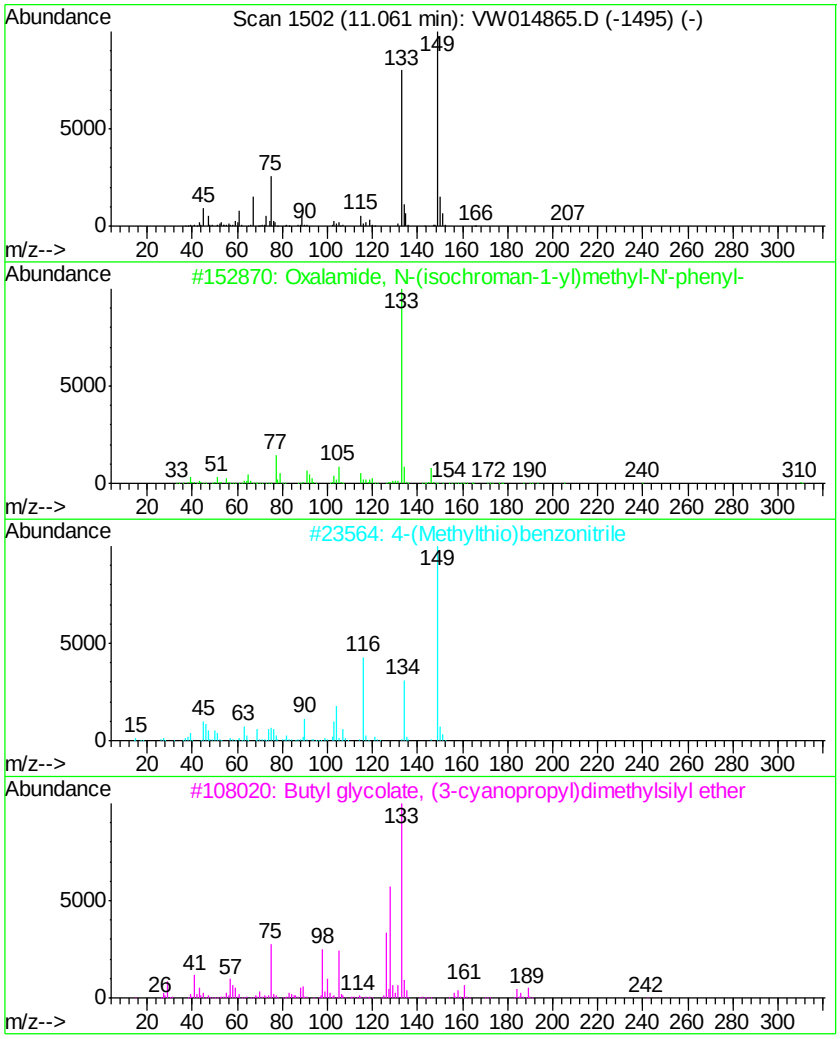
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

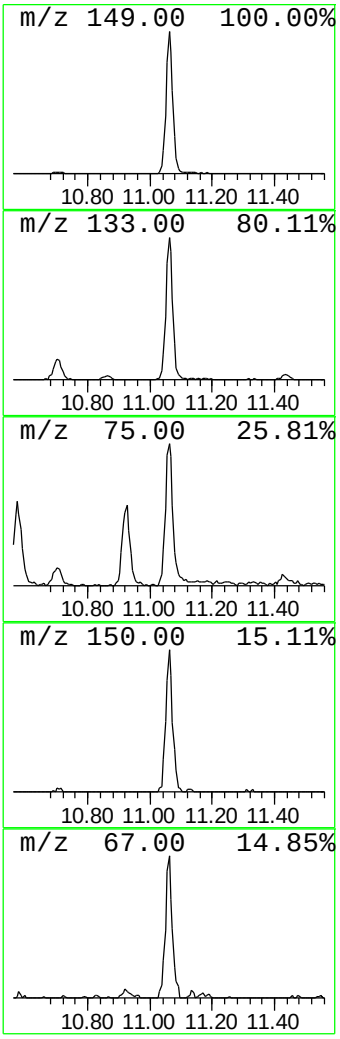
****

Peak Number 3 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	1.44 ug/L	188893	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalamide, N-(isochroman-1-yl)me...	310	C18H18N2O3	1000304-26-0	27
2	4-(Methylthio)benzonitrile	149	C8H7NS	021382-98-9	25
3	Butyl glycolate, (3-cyanopropyl)...	257	C12H23NO3Si	1000376-00-0	23
4	(1-tert-Butoxypropan-2-yloxy)(te...	246	C13H30O2Si	1000367-02-9	23
5	Silane, trimethyl(2-methylphenyl)-	164	C10H16Si	007450-03-5	17





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

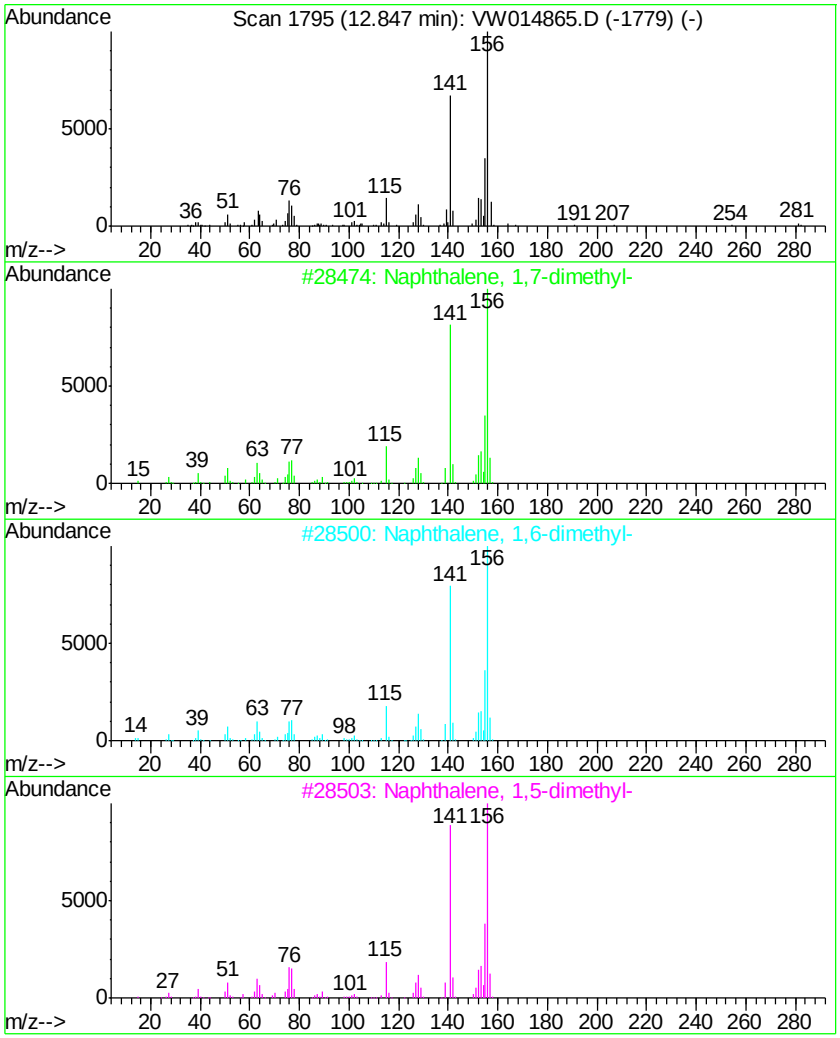
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

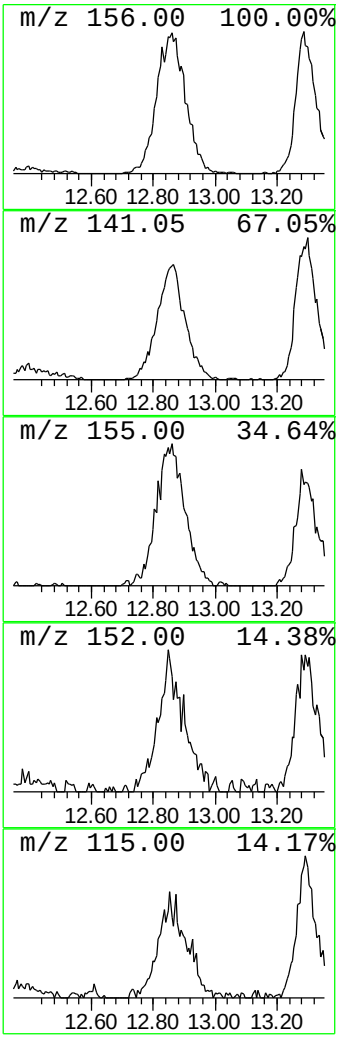
****

Peak Number 4 Naphthalene, 1,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.85	1.72 ug/L	199264	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020420\
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Instrument : MSVOA_W
ClientSampleId : GAT64

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

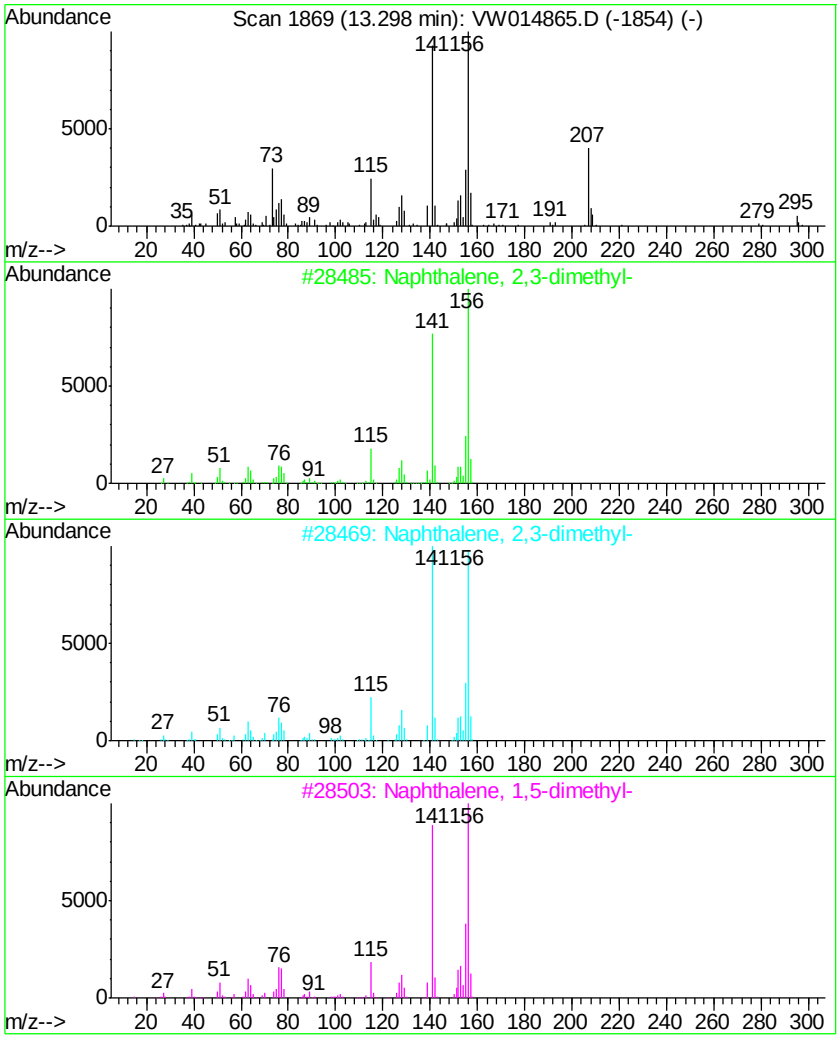
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

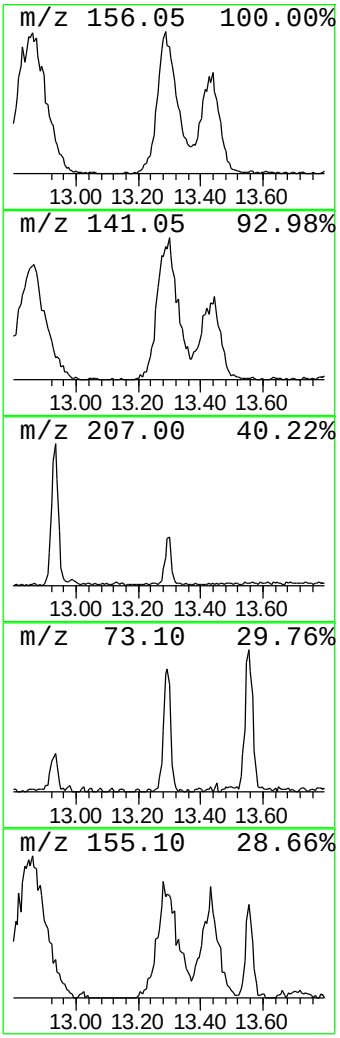
****

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	2.66 ug/L	308201	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020420\
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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
unknown-01	11.06	1.4	ug/L	188893	2	11.63	3269270	25.0
Naphthalene, 1,7-...	12.85	1.7	ug/L	199264	3	13.56	2901960	25.0
Naphthalene, 2,3-...	13.30	2.7	ug/L	308201	3	13.56	2901960	25.0