LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW020420\
Data File : VW014864.D
Acq On : 04 Feb 2020 17:31
Operator : SY/VA
Sample : L1324-02
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT59

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	22949	44488	0.92%	0.121%
2	2.355	67	74	87	rBV	307900	594506	12.24%	1.613%
3	2.885	154	161	176	rVB	248964	602915	12.41%	1.636%
4	3.391	242	244	248	rVB2	1597	1522	0.03%	0.004%
5	3.538	264	268	272	rVV4	1113	1979	0.04%	0.005%
6	4.013	334	346	361	rBV	502175	1591776	32.77%	4.318%
7	4.117	361	363	374	rVB2	12582	26577	0.55%	0.072%
8	4.379	402	406	407	rBV4	1407	1595	0.03%	0.004%
9	4.830	475	480	481	rBV4	1112	1554	0.03%	0.004%
10	4.915	481	494	511	rBV3	44782	170658	3.51%	0.463%
11	5.147	529	532	534	rVV3	1694	2483	0.05%	0.007%
12	5.165	534	535	541	rVB4	1984	3269	0.07%	0.009%
13	5.440	578	580	583	rVV2	1227	1514	0.03%	0.004%
14	5.745	627	630	632	rBV2	1399	1709	0.04%	0.005%
15	5.775	632	635	639	rVV5	2036	3461	0.07%	0.009%
16	5.806	639	640	643	rVB2	1790	1324	0.03%	0.004%
17	5.842	643	646	649	rBV4	805	1172	0.02%	0.003%
18	5.879	649	652	654	rBV3	966	1264	0.03%	0.003%
19	5.946	654	663	670	rVB6	7800	22857	0.47%	0.062%
20	6.665	776	781	784	rBV3	1008	1780	0.04%	0.005%
21	7.074	839	848	854	rVV	150340	425498	8.76%	1.154%
22	7.135	854	858	872	rVV2	91450	251915	5.19%	0.683%
23	7.257	872	878	886	rVV2	8089	24953	0.51%	0.068%
24	7.330	888	890	894	rVV3	1223	1642	0.03%	0.004%
25	7.537	921	924	931	rVB6	1412	2872	0.06%	0.008%
26	7.647	931	942	955	rBV	793065	1946770	40.07%	5.281%
27	7.872	975	979	984	rVB6	957	1225	0.03%	0.003%
28	7.939	987	990	991	rBV3	2204	2110	0.04%	0.006%
29	7.958	991	993	999	rVB3	2595	3219	0.07%	0.009%
30	8.275	1033	1045	1061	rBV2	1673480	4857878	100.00%	13.178%
31	8.616	1098	1101	1107	rVB7	2061	3840	0.08%	0.010%
32	8.683	1109	1112	1113	rBV3	1902	2298	0.05%	0.006%
33	8.701	1113	1115	1119	rVB5	1723	2080	0.04%	0.006%
34	8.842	1126	1138	1150	rBV	1505392	2942669	60.58%	7.983%

LSC Area Percent Report

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Acq On : 04 Feb 2020 17:31
Operator : SY/VA
Sample : L1324-02
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT59

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	9.073	1171	1176	1184	rVB9	6580	14593	0.30%	0.040%
36	9.274	1198	1209	1218	rBV	1137096	2346185	48.30%	6.365%
37	9.342	1218	1220	1225	rVB5	4739	7887	0.16%	0.021%
38	9.585	1256	1260	1262	rBV2	1528	2176	0.04%	0.006%
39	9.659	1264	1272	1279	rBV2	10073	23802	0.49%	0.065%
40	10.030	1325	1333	1344	rBV	573989	1030204	21.21%	2.795%
41	10.116	1344	1347	1353	rVV4	6289	11989	0.25%	0.033%
42	10.207	1357	1362	1370	rVB2	5838	11182	0.23%	0.030%
43	10.323	1370	1381	1388	rBV	2310269	4094431	84.28%	11.107%
44	10.384	1388	1391	1398	rVV2	18494	32563	0.67%	0.088%
45	10.488	1405	1408	1411	rVV5	1141	1408	0.03%	0.004%
46	10.573	1414	1422	1433	rVV	356958	626304	12.89%	1.699%
47	10.701	1436	1443	1453	rVB2	56561	102217	2.10%	0.277%
48	10.860	1464	1469	1472	rVV5	8081	14582	0.30%	0.040%
49	10.921	1472	1479	1496	rVV	609667	1026235	21.13%	2.784%
50	11.061	1496	1502	1512	rVB	87758	144030	2.96%	0.391%
51	11.170	1517	1520	1522	rBV3	1764	2139	0.04%	0.006%
52	11.225	1526	1529	1530	rBV2	1894	1880	0.04%	0.005%
53	11.341	1546	1548	1552	rBV5	1840	2292	0.05%	0.006%
54	11.439	1554	1564	1568	rBV3	26626	58379	1.20%	0.158%
55	11.530	1577	1579	1580	rVB2	2777	1395	0.03%	0.004%
56	11.628	1588	1595	1609	rBV	2048203	3449182	71.00%	9.357%
57	11.835	1625	1629	1638	rVB3	15270	34768	0.72%	0.094%
58	12.164	1678	1683	1690	rBV4	11154	23931	0.49%	0.065%
59	12.341	1708	1712	1713	rBV4	3784	4169	0.09%	0.011%
60	12.396	1720	1721	1724	rBV3	2881	3623	0.07%	0.010%
61	12.463	1728	1732	1734	rBV5	4996	7497	0.15%	0.020%
62	12.609	1749	1756	1761	rVB	93985	158645	3.27%	0.430%
63	12.688	1762	1769	1777	rVV	784266	1286540	26.48%	3.490%
64	12.859	1779	1797	1806	rVV5	89998	542335	11.16%	1.471%
65	12.926	1806	1808	1823	rVV2	74963	144972	2.98%	0.393%
66	13.042	1823	1827	1829	rVB5	2727	3332	0.07%	0.009%
67	13.164	1844	1847	1848	rBV3	1390	1425	0.03%	0.004%
68	13.292	1848	1868	1881	rBV3	108180	470334	9.68%	1.276%
69	13.438	1881	1892	1905	rVB5	52445	234186	4.82%	0.635%
70	13.554	1905	1911	1919	rBV	1956204	3123145	64.29%	8.472%
71	13.755	1941	1944	1947	rVB5	4013	4816	0.10%	0.013%

LSC Area Percent Report

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Acq On : 04 Feb 2020 17:31
Operator : SY/VA
Sample : L1324-02
Misc : 5.10G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT59

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	13.853	1952	1960	1967	rVV	1849518	3128846	64.41%	8.488%
73	13.944	1970	1975	1984	rVB5	40524	101133	2.08%	0.274%
74	14.072	1990	1996	2004	rVB	41489	77408	1.59%	0.210%
75	14.194	2012	2016	2019	rBV4	5981	9378	0.19%	0.025%
76	14.274	2024	2029	2030	rBV5	8860	11418	0.24%	0.031%
77	14.359	2041	2043	2046	rVB3	7071	7397	0.15%	0.020%
78	14.420	2051	2053	2056	rBV4	2352	2900	0.06%	0.008%
79	14.517	2056	2069	2083	rVB4	28008	118778	2.45%	0.322%
80	14.627	2085	2087	2091	rVB5	4364	4390	0.09%	0.012%
81	14.725	2099	2103	2109	rBV8	10518	15909	0.33%	0.043%
82	14.792	2113	2114	2119	rVB5	4519	4676	0.10%	0.013%
83	14.950	2132	2140	2147	rVB6	15061	36671	0.75%	0.099%
84	15.060	2151	2158	2162	rBV8	9331	24779	0.51%	0.067%
85	15.365	2202	2208	2216	rBV	135973	247911	5.10%	0.673%
86	15.432	2216	2219	2224	rVB	14819	24774	0.51%	0.067%
87	15.615	2242	2249	2260	rBV9	10487	34054	0.70%	0.092%
88	15.731	2266	2268	2270	rVB3	1920	1200	0.02%	0.003%
89	15.761	2271	2273	2276	rBV4	3694	3203	0.07%	0.009%
90	15.840	2282	2286	2292	rVB8	6394	11151	0.23%	0.030%
91	15.895	2292	2295	2298	rBV5	3734	6262	0.13%	0.017%
92	15.962	2300	2306	2316	rVV5	12891	39781	0.82%	0.108%
93	16.060	2320	2322	2324	rBV3	1967	1659	0.03%	0.005%
94	16.109	2324	2330	2337	rVV10	7473	18870	0.39%	0.051%
95	16.212	2345	2347	2350	rBV4	2040	2660	0.05%	0.007%
96	16.243	2350	2352	2355	rVB4	2392	2675	0.06%	0.007%
97	16.365	2362	2372	2374	rBV10	11341	28225	0.58%	0.077%
98	16.438	2378	2384	2392	rVV	64586	147380	3.03%	0.400%
99	16.639	2410	2417	2425	rBV2	64499	150985	3.11%	0.410%
100	16.755	2434	2436	2438	rBV3	2807	2439	0.05%	0.007%

Sum of corrected areas: 36863057

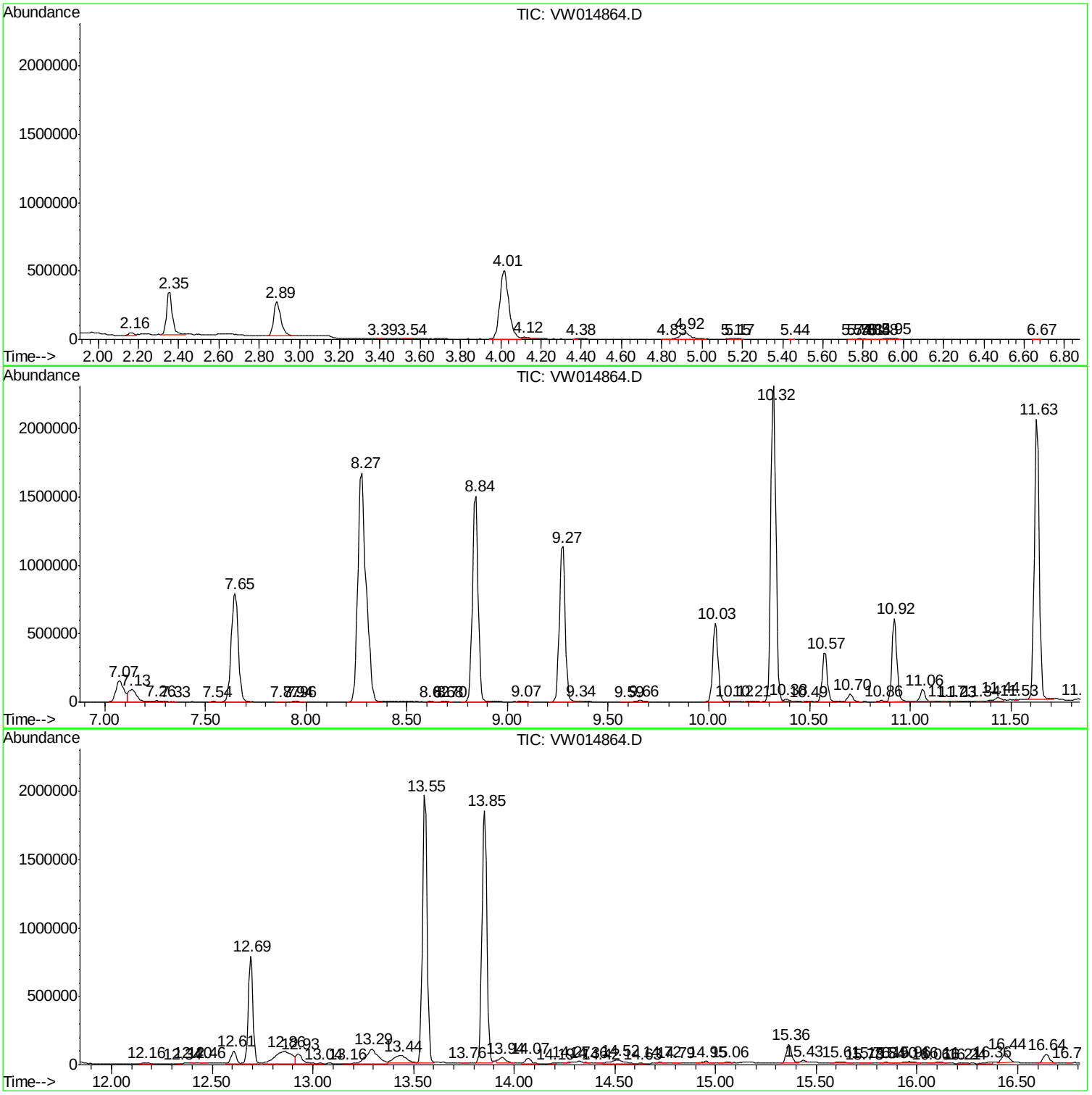
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020420\
Data File : VW014864.D
Acq On : 04 Feb 2020 17:31
Operator : SY/VA
Sample : L1324-02
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT59

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020420\
Data File : VW014864.D
Acq On : 04 Feb 2020 17:31
Operator : SY/VA
Sample : L1324-02
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT59

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

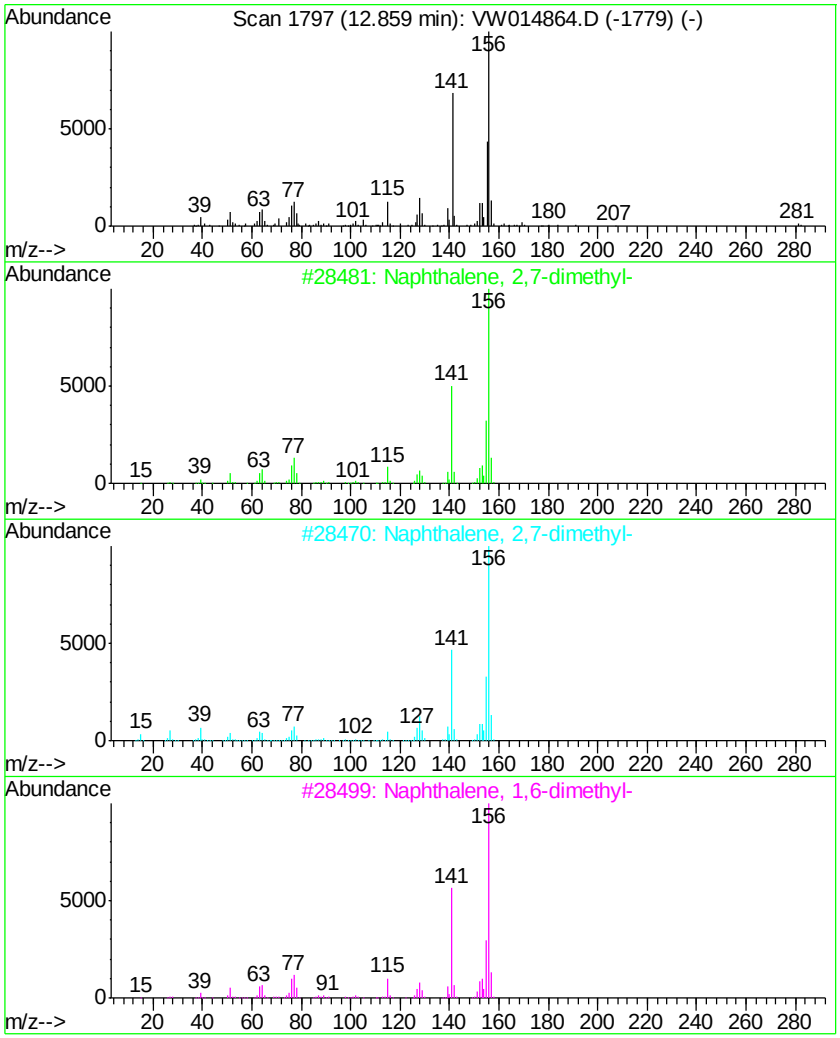
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

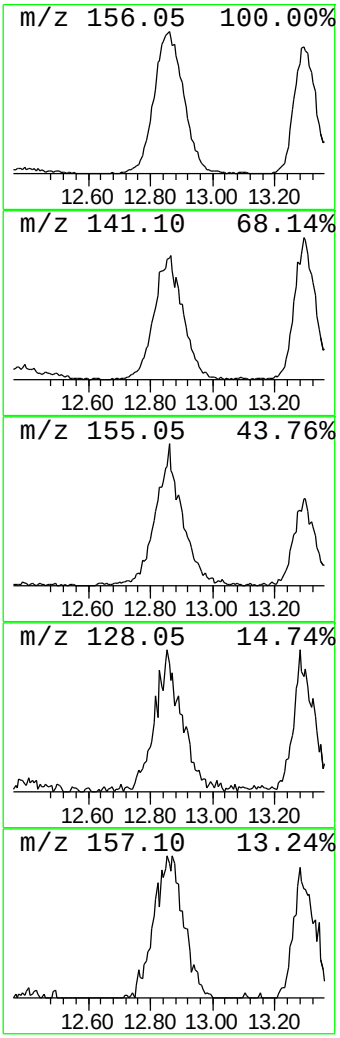
****

Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	4.34 ug/L	542335	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020420\
Data File : VW014864.D
Acq On : 04 Feb 2020 17:31
Operator : SY/VA
Sample : L1324-02
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT59

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

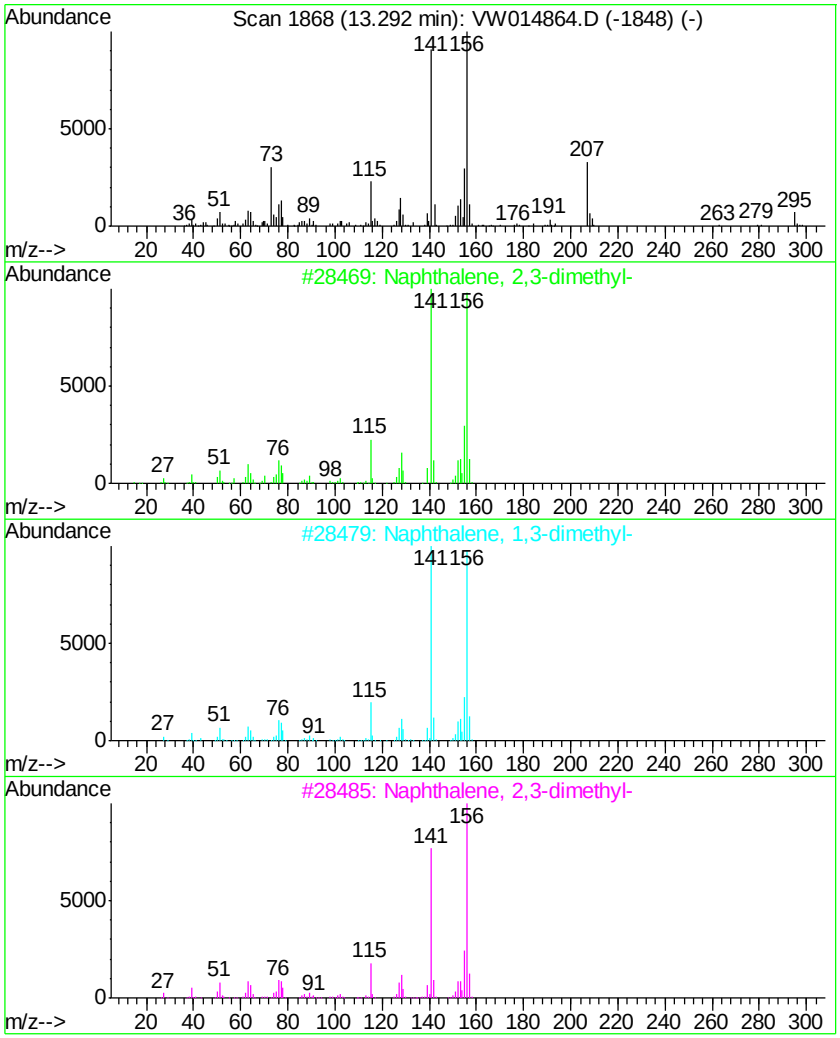
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

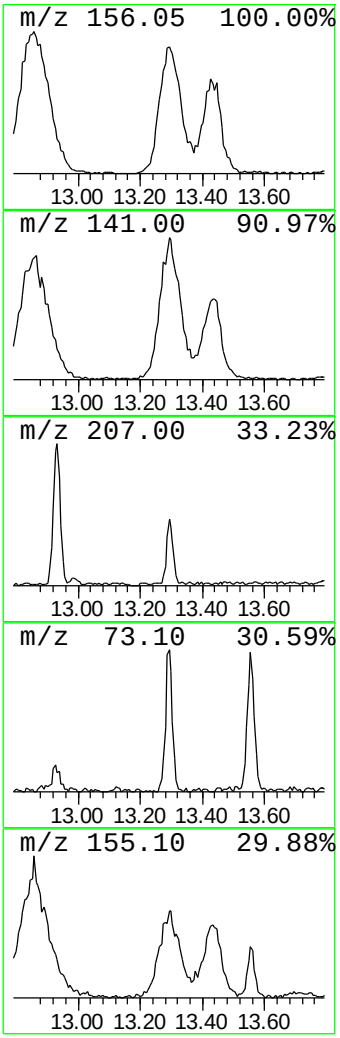
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	3.76 ug/L	470334	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	98
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020420\
Data File : VW014864.D
Acq On : 04 Feb 2020 17:31
Operator : SY/VA
Sample : L1324-02
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT59

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

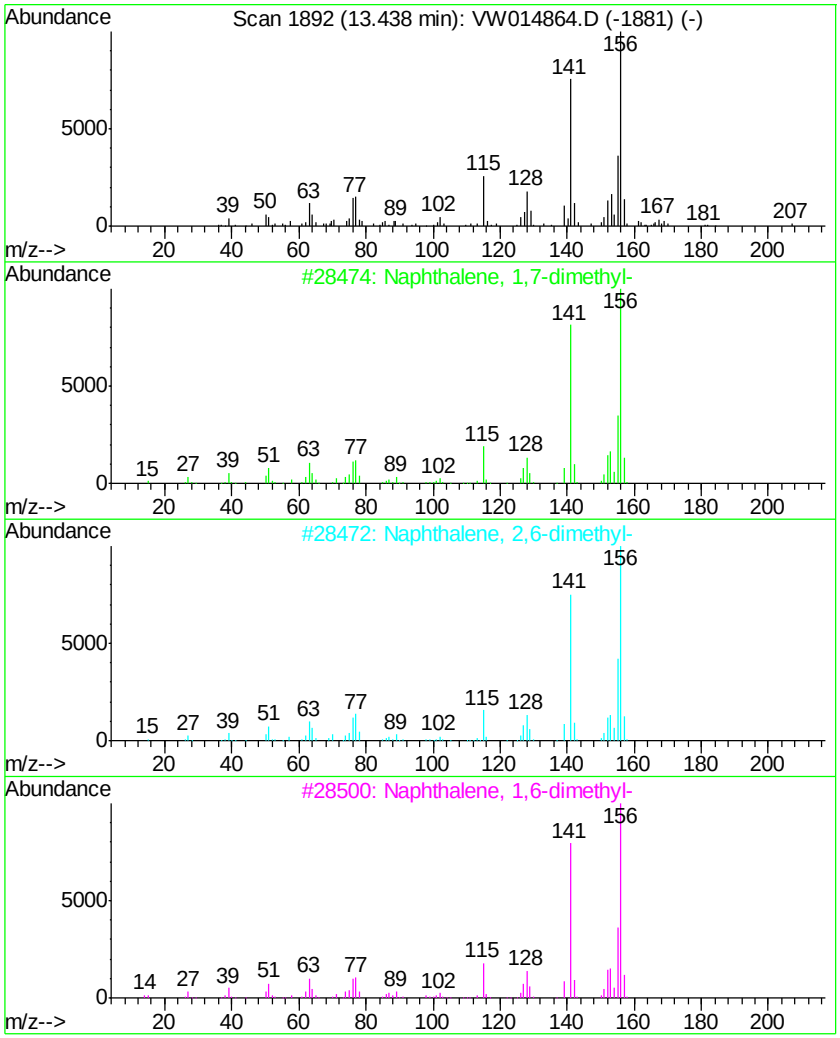
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

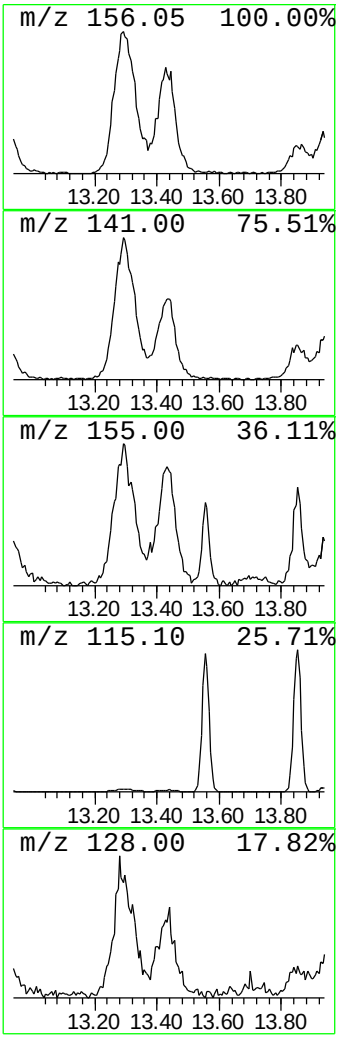
****

Peak Number 6 Naphthalene, 1,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	1.87 ug/L	234186	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW020420\
Data File : VW014864.D
Acq On : 04 Feb 2020 17:31
Operator : SY/VA
Sample : L1324-02
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAT59

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
Naphthalene, 2,7-...	12.86	4.3	ug/L	542335	3	13.55	3123150	25.0
Naphthalene, 2,3-...	13.29	3.8	ug/L	470334	3	13.55	3123150	25.0
Naphthalene, 1,7-...	13.44	1.9	ug/L	234186	3	13.55	3123150	25.0