LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011520\
Data File : VW014651.D
Acq On : 15 Jan 2020 13:51
Operator : SY/VA
Sample : VIBLK33
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK33

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\SOM2WLM122719S.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	1.965	5	10	13	rBV3	4663	6741	0.06%	0.008%
2	2.154	35	41	43	rBV3	5554	9823	0.09%	0.011%
3	2.215	43	51	52	rBV5	15493	28109	0.25%	0.032%
4	2.349	67	73	86	rVB	305955	554560	4.95%	0.632%
5	2.629	115	119	123	rBV7	7462	12715	0.11%	0.014%
6	2.745	136	138	141	rBV4	3428	3798	0.03%	0.004%
7	2.885	153	161	175	rBV	193652	478674	4.27%	0.546%
8	3.202	212	213	216	rVB3	1298	992	0.01%	0.001%
9	3.385	237	243	253	rVB6	6034	16288	0.15%	0.019%
10	3.519	264	265	269	rBV4	1318	1034	0.01%	0.001%
11	3.678	288	291	294	rBV3	1512	1632	0.01%	0.002%
12	3.794	307	310	313	rBV3	588	883	0.01%	0.001%
13	3.830	313	316	319	rBV4	878	900	0.01%	0.001%
14	3.861	319	321	325	rBV3	993	1092	0.01%	0.001%
15	4.013	330	346	360	rBV	422713	1373173	12.26%	1.565%
16	4.915	482	494	510	rBV3	17878	77745	0.69%	0.089%
17	5.019	510	511	516	rVV4	954	1108	0.01%	0.001%
18	5.062	516	518	521	rVB2	1039	1025	0.01%	0.001%
19	5.147	529	532	534	rVV2	1164	1377	0.01%	0.002%
20	5.184	537	538	542	rVB2	865	872	0.01%	0.001%
21	5.293	552	556	559	rVB2	799	1109	0.01%	0.001%
22	5.702	620	623	624	rBV3	789	1101	0.01%	0.001%
23	5.745	624	630	635	rBV7	3265	9407	0.08%	0.011%
24	5.934	653	661	671	rVV5	5827	19076	0.17%	0.022%
25	6.123	691	692	697	rVB3	1040	1053	0.01%	0.001%
26	6.805	802	804	808	rBV3	575	961	0.01%	0.001%
27	6.885	814	817	819	rBV4	763	1243	0.01%	0.001%
28	7.074	838	848	853	rBV	120281	333436	2.98%	0.380%
29	7.135	853	858	885	rVV	89383	263676	2.35%	0.301%
30	7.409	901	903	908	rVB4	1398	1749	0.02%	0.002%
31	7.513	917	920	921	rBV2	2411	2375	0.02%	0.003%
32	7.531	921	923	927	rVV5	1439	2361	0.02%	0.003%
33	7.641	931	941	957	rBV	579828	1430028	12.77%	1.630%
34	7.811	967	969	971	rBV2	935	922	0.01%	0.001%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011520\
Data File : VW014651.D
Acq On : 15 Jan 2020 13:51
Operator : SY/VA
Sample : VIBLK33
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK33

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\SOM2WLM122719S.M
Title : VOC Analysis

35	7.952	986	992	997	rVB6	3450	7837	0.07%	0.009%
36	8.000	997	1000	1001	rVB3	911	918	0.01%	0.001%
37	8.055	1004	1009	1011	rBV3	1466	2366	0.02%	0.003%
38	8.092	1011	1015	1019	rVB7	1502	2584	0.02%	0.003%
39	8.140	1019	1023	1024	rBV3	1497	1675	0.01%	0.002%
40	8.159	1024	1026	1029	rVB3	1333	1146	0.01%	0.001%
41	8.269	1029	1044	1061	rBV2	1313551	3939921	35.18%	4.491%
42	8.561	1089	1092	1094	rBV4	1470	1723	0.02%	0.002%
43	8.683	1108	1112	1117	rBV8	2601	5145	0.05%	0.006%
44	8.842	1125	1138	1149	rBV	1252458	2519835	22.50%	2.872%
45	9.073	1170	1176	1182	rBV8	7805	17828	0.16%	0.020%
46	9.153	1187	1189	1190	rBV2	1154	974	0.01%	0.001%
47	9.189	1194	1195	1197	rVB2	2535	1167	0.01%	0.001%
48	9.268	1199	1208	1221	rBV	815984	1688285	15.08%	1.924%
49	9.622	1264	1266	1267	rBV2	1690	1029	0.01%	0.001%
50	9.659	1268	1272	1277	rVV7	4370	8060	0.07%	0.009%
51	9.811	1295	1297	1300	rVB4	2481	1368	0.01%	0.002%
52	10.030	1322	1333	1344	rBV	459890	856306	7.65%	0.976%
53	10.207	1360	1362	1366	rVB3	4620	4639	0.04%	0.005%
54	10.323	1371	1381	1387	rBV	1852863	3333042	29.76%	3.799%
55	10.384	1387	1391	1401	rVB	186914	328619	2.93%	0.375%
56	10.573	1416	1422	1431	rBV	288538	501438	4.48%	0.572%
57	10.701	1436	1443	1451	rVV	294749	528061	4.72%	0.602%
58	10.920	1473	1479	1487	rBV	499988	842821	7.53%	0.961%
59	11.061	1497	1502	1509	rVB2	112999	185441	1.66%	0.211%
60	11.353	1525	1550	1551	rBV2	685750	3265482	29.16%	3.722%
61	11.628	1588	1595	1605	rBV	1691216	2857263	25.51%	3.257%
62	11.835	1623	1629	1639	rVB	262746	484536	4.33%	0.552%
63	12.164	1678	1683	1688	rBV2	124245	233508	2.09%	0.266%
64	12.408	1712	1723	1739	rBV2	295635	1415097	12.64%	1.613%
65	12.609	1751	1756	1763	rVB	200586	379060	3.38%	0.432%
66	12.688	1763	1769	1776	rBV	625282	1038427	9.27%	1.184%
67	12.865	1777	1798	1828	rBV2	1558884	11198446	100.00%	12.763%
68	13.304	1855	1870	1884	rBV3	1813145	8910546	79.57%	10.156%
69	13.451	1884	1894	1906	rVB4	1179507	5058944	45.18%	5.766%
70	13.554	1906	1911	1920	rVB	1683812	2749567	24.55%	3.134%
71	13.755	1940	1944	1948	rBV2	48076	71467	0.64%	0.081%

LSC Area Percent Report

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Data File : VW014651.D
Acq On : 15 Jan 2020 13:51
Operator : SY/VA
Sample : VIBLK33
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK33

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\SOM2WLM122719S.M
Title : VOC Analysis

72	13.853	1953	1960	1967	rVV	1695257	3170880	28.32%	3.614%
73	13.938	1968	1974	1989	rVV3	1238260	3182481	28.42%	3.627%
74	14.072	1992	1996	2005	rVB3	76134	198358	1.77%	0.226%
75	14.206	2014	2018	2021	rBV2	16343	23317	0.21%	0.027%
76	14.298	2024	2033	2044	rVV	217502	766964	6.85%	0.874%
77	14.389	2045	2048	2055	rVV2	80521	167482	1.50%	0.191%
78	14.517	2055	2069	2085	rVB2	873042	3477220	31.05%	3.963%
79	14.688	2093	2097	2100	rBV	29767	47078	0.42%	0.054%
80	14.725	2100	2103	2107	rVV7	32156	61498	0.55%	0.070%
81	14.792	2110	2114	2121	rVB3	64875	138332	1.24%	0.158%
82	14.871	2121	2127	2131	rBV	203680	321936	2.87%	0.367%
83	14.956	2131	2141	2151	rVB2	333208	827234	7.39%	0.943%
84	15.066	2153	2159	2161	rVV4	33420	65057	0.58%	0.074%
85	15.103	2161	2165	2172	rVV2	58772	131027	1.17%	0.149%
86	15.176	2173	2177	2183	rVB6	19142	34508	0.31%	0.039%
87	15.286	2189	2195	2197	rBV2	46553	89456	0.80%	0.102%
88	15.365	2198	2208	2216	rVV	5881658	10735767	95.87%	12.236%
89	15.462	2216	2224	2237	rVB2	268527	727230	6.49%	0.829%
90	15.651	2243	2255	2267	rBV3	114625	464672	4.15%	0.530%
91	15.798	2275	2279	2283	rBV6	12869	19693	0.18%	0.022%
92	15.846	2283	2287	2290	rVV6	18223	37599	0.34%	0.043%
93	15.889	2290	2294	2299	rVV2	23078	52864	0.47%	0.060%
94	15.993	2302	2311	2324	rVB3	47509	187592	1.68%	0.214%
95	16.133	2324	2334	2339	rBV5	19097	55872	0.50%	0.064%
96	16.243	2350	2352	2363	rVB5	20933	52569	0.47%	0.060%
97	16.377	2363	2374	2377	rBV3	39338	120501	1.08%	0.137%
98	16.438	2377	2384	2397	rVV	1698598	3661275	32.69%	4.173%
99	16.566	2398	2405	2410	rVV3	52374	129746	1.16%	0.148%
100	16.645	2410	2418	2428	rVB	744487	1704358	15.22%	1.943%

Sum of corrected areas: 87738175

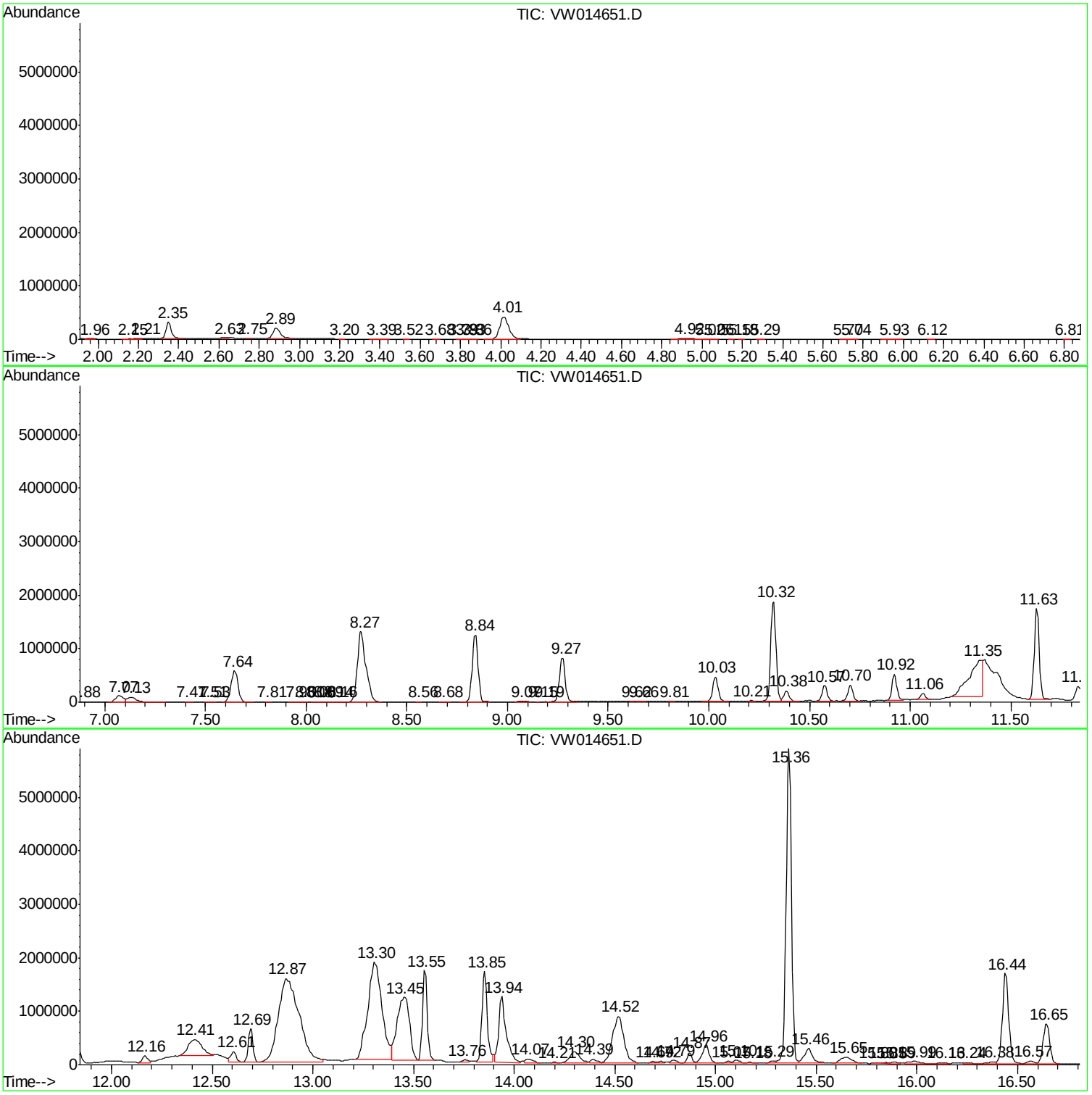
LSC Report - Integrated Chromatogram

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011520\
Data File : VW014651.D
Acq On : 15 Jan 2020 13:51
Operator : SY/VA
Sample : VIBLK33
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK33

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.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\VW011520\
Data File : VW014651.D
Acq On : 15 Jan 2020 13:51
Operator : SY/VA
Sample : VIBLK33
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK33

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

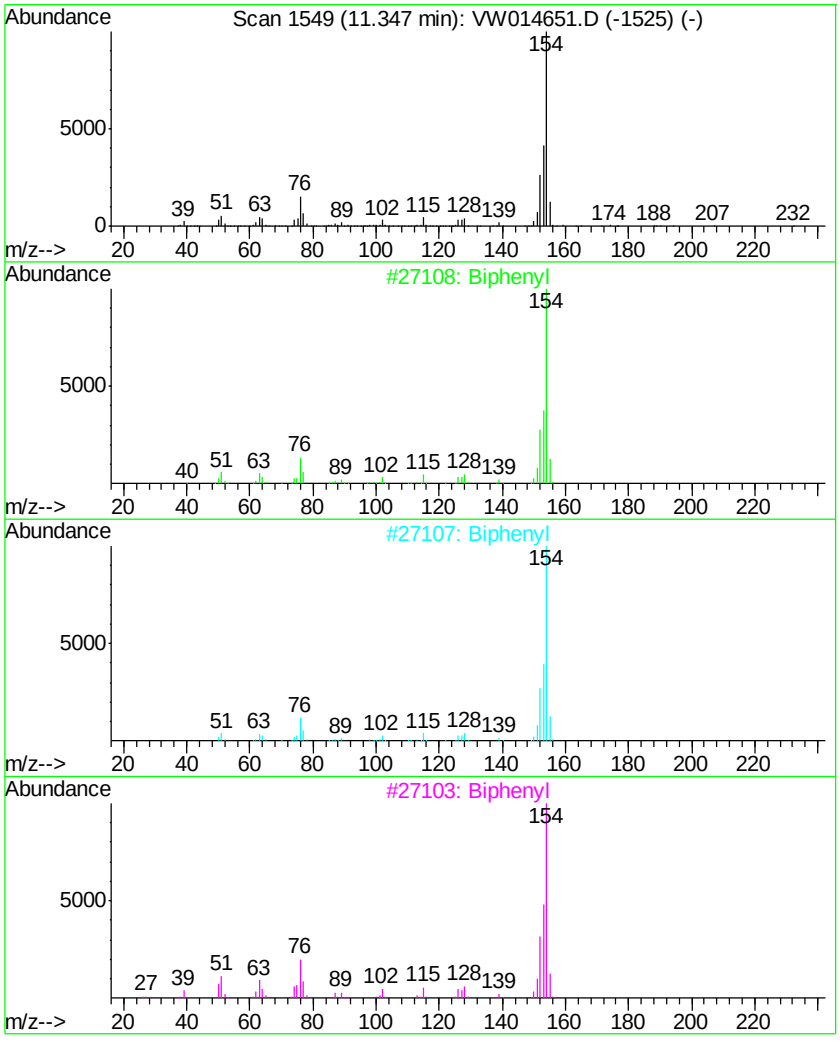
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

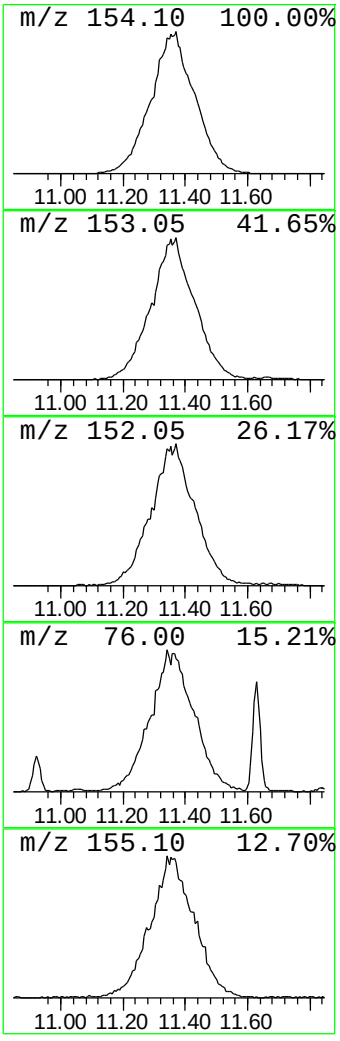
****

Peak Number 5 Biphenyl Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	28.57 ug/L	3265480	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl	154	C12H10	000092-52-4	95
2	Biphenyl	154	C12H10	000092-52-4	95
3	Biphenyl	154	C12H10	000092-52-4	93
4	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	87
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	81





Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011520\
Data File : VW014651.D
Acq On : 15 Jan 2020 13:51
Operator : SY/VA
Sample : VIBLK33
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK33

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

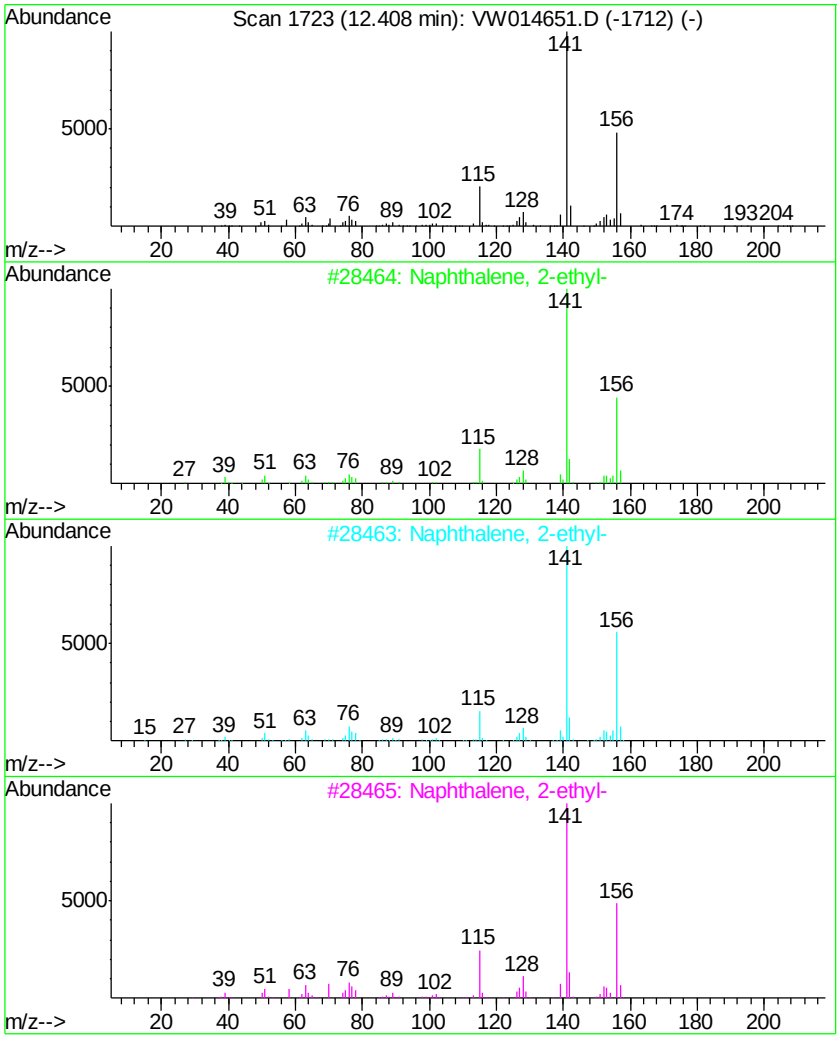
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

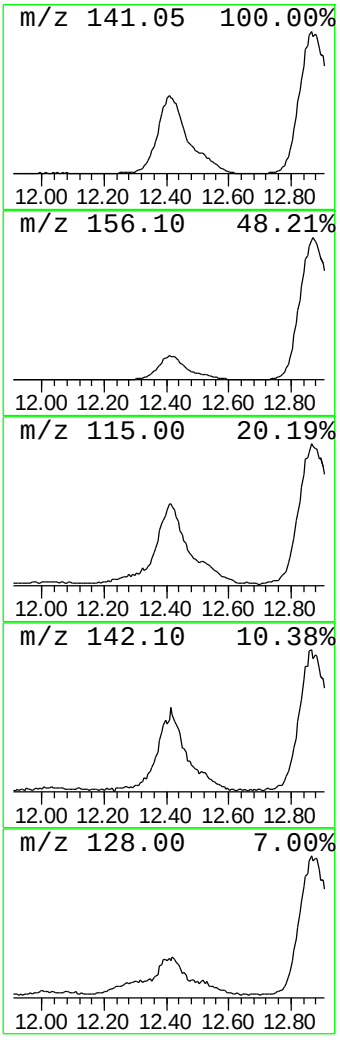
****

Peak Number 6 Naphthalene, 2-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	12.38 ug/L	1415100	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011520\
Data File : VW014651.D
Acq On : 15 Jan 2020 13:51
Operator : SY/VA
Sample : VIBLK33
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK33

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

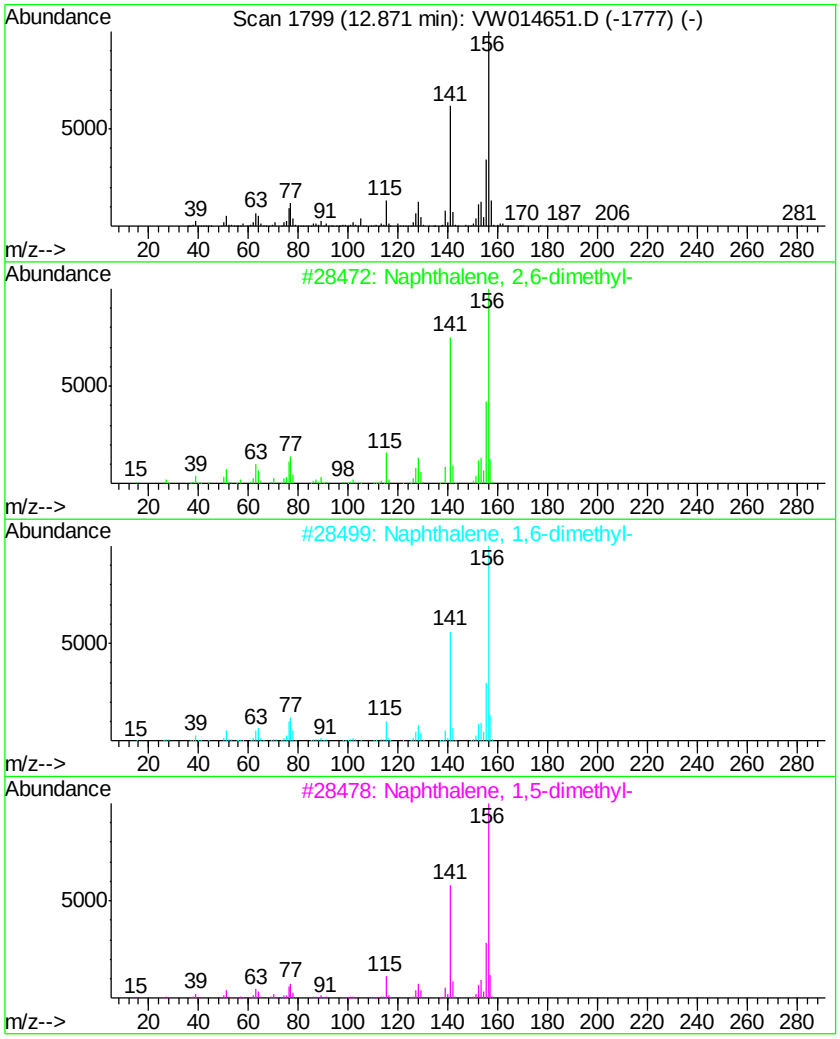
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

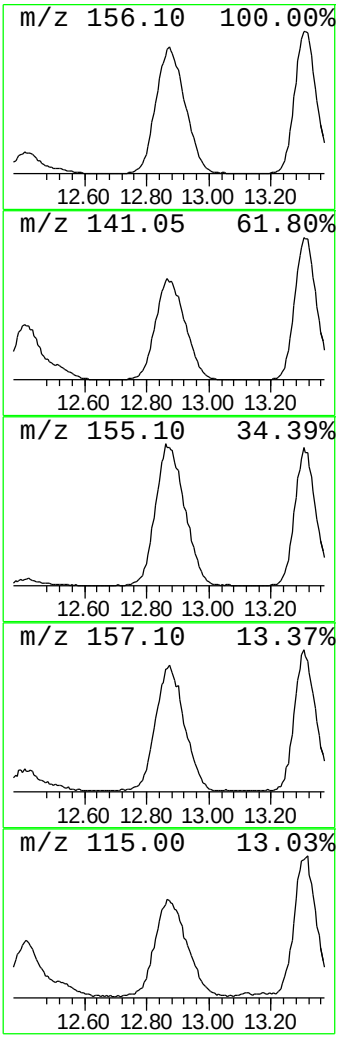
****

Peak Number 8 Naphthalene, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	101.82 ug/L	11198400	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011520\
Data File : VW014651.D
Acq On : 15 Jan 2020 13:51
Operator : SY/VA
Sample : VIBLK33
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK33

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

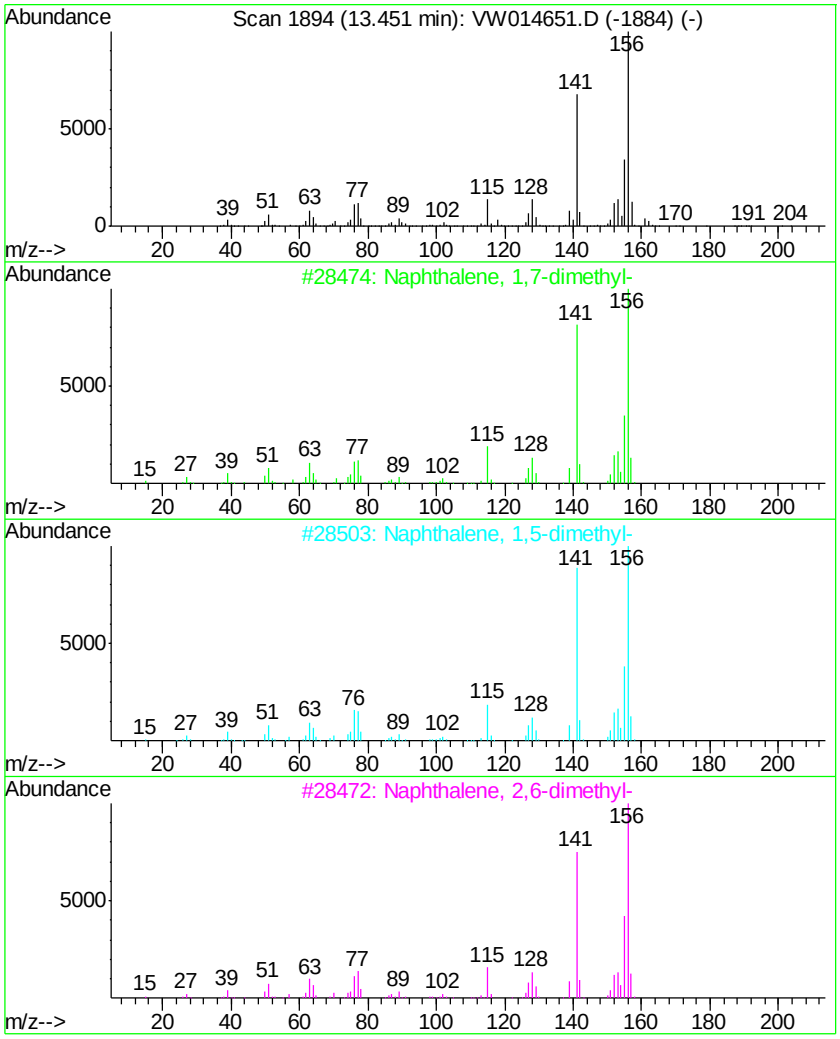
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

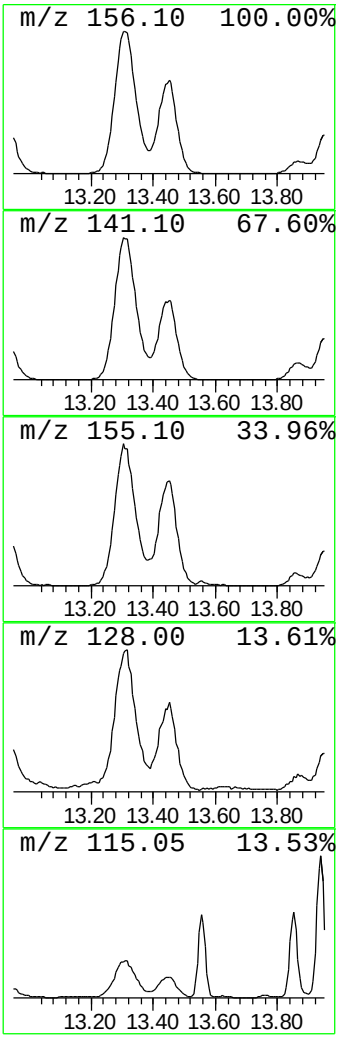
****

Peak Number 10 Naphthalene, 1,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	46.00 ug/L	5058940	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, 1,5-dimethyl-	156	C12H12	000571-61-9	98
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011520\
Data File : VW014651.D
Acq On : 15 Jan 2020 13:51
Operator : SY/VA
Sample : VIBLK33
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK33

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

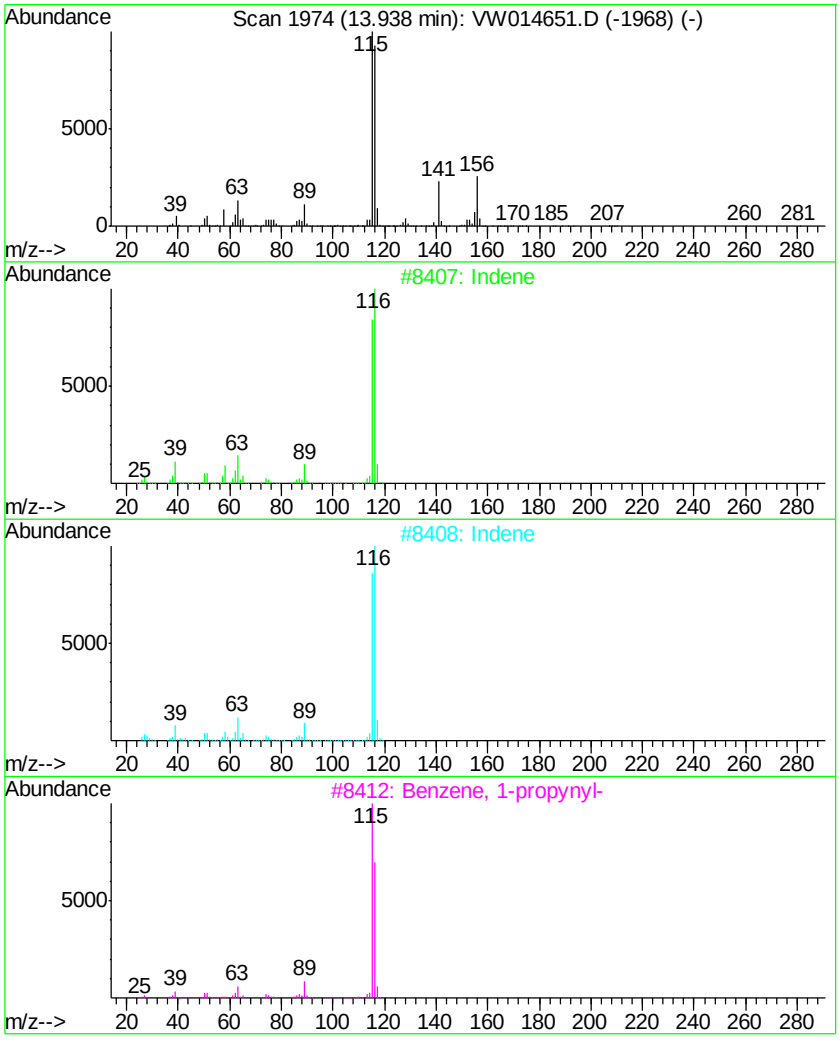
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

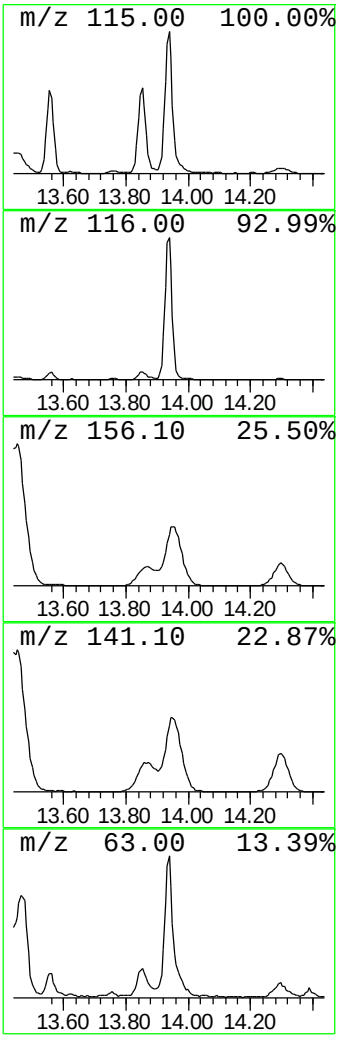
****

Peak Number 11 Indene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.94	28.94 ug/L	3182480	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	96
2	Indene	116	C9H8	000095-13-6	94
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	93
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	93
5	Indene	116	C9H8	000095-13-6	93





Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011520\
Data File : VW014651.D
Acq On : 15 Jan 2020 13:51
Operator : SY/VA
Sample : VIBLK33
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK33

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

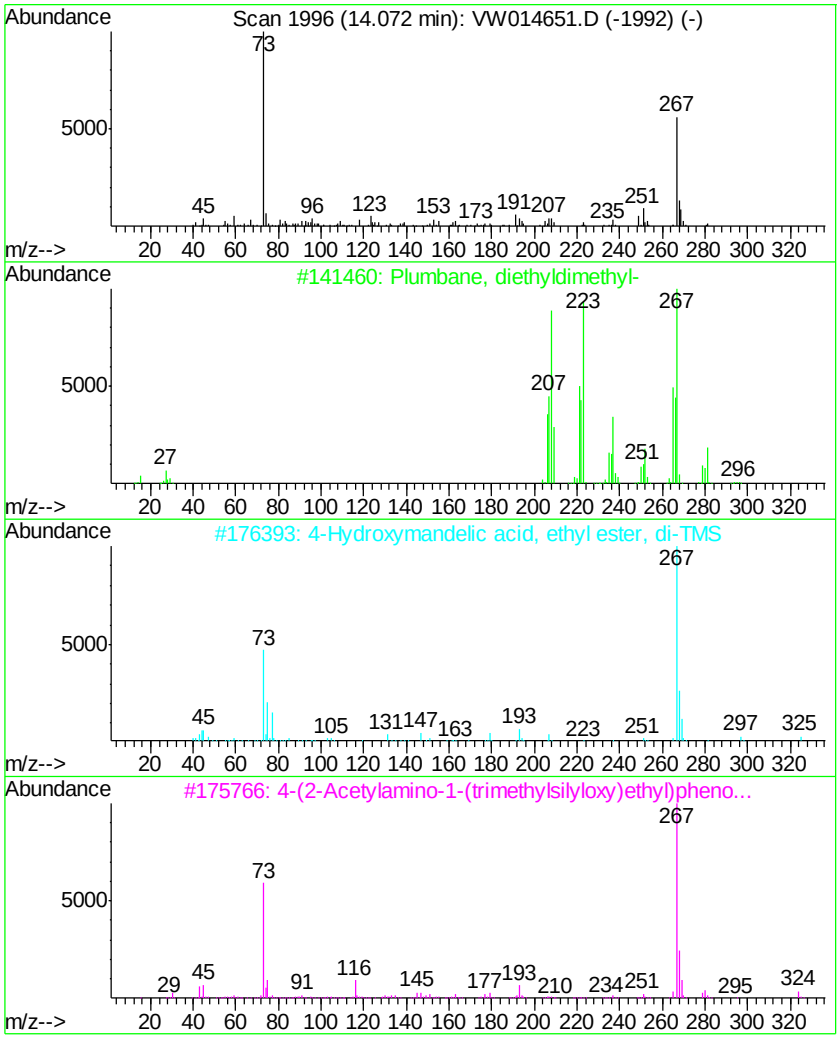
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

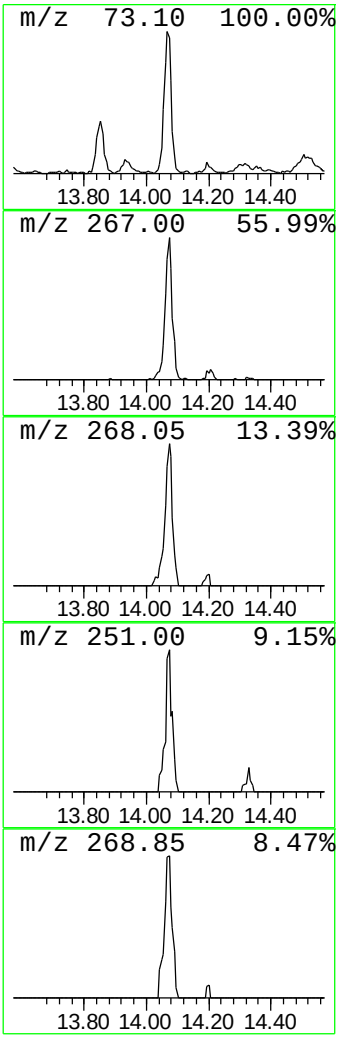
****

Peak Number 12 unknown-01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	1.80 ug/L	198358	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Plumbane, diethyldimethyl-	296	C6H16Pb	001762-27-2	46
2	4-Hydroxymandelic acid, ethyl es...	340	C16H28O4Si2	1000071-53-3	45
3	4-(2-Acetylamino-1-(trimethylsil...	339	C16H29NO3Si2	1000373-43-5	45
4	3-Hydroxymandelic acid, ethyl es...	340	C16H28O4Si2	1000071-88-9	45
5	Benzoic acid, 2-[(trimethylsilyl...	282	C13H22O3Si2	003789-85-3	42





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Data File : VW014651.D
Acq On : 15 Jan 2020 13:51
Operator : SY/VA
Sample : VIBLK33
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK33

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

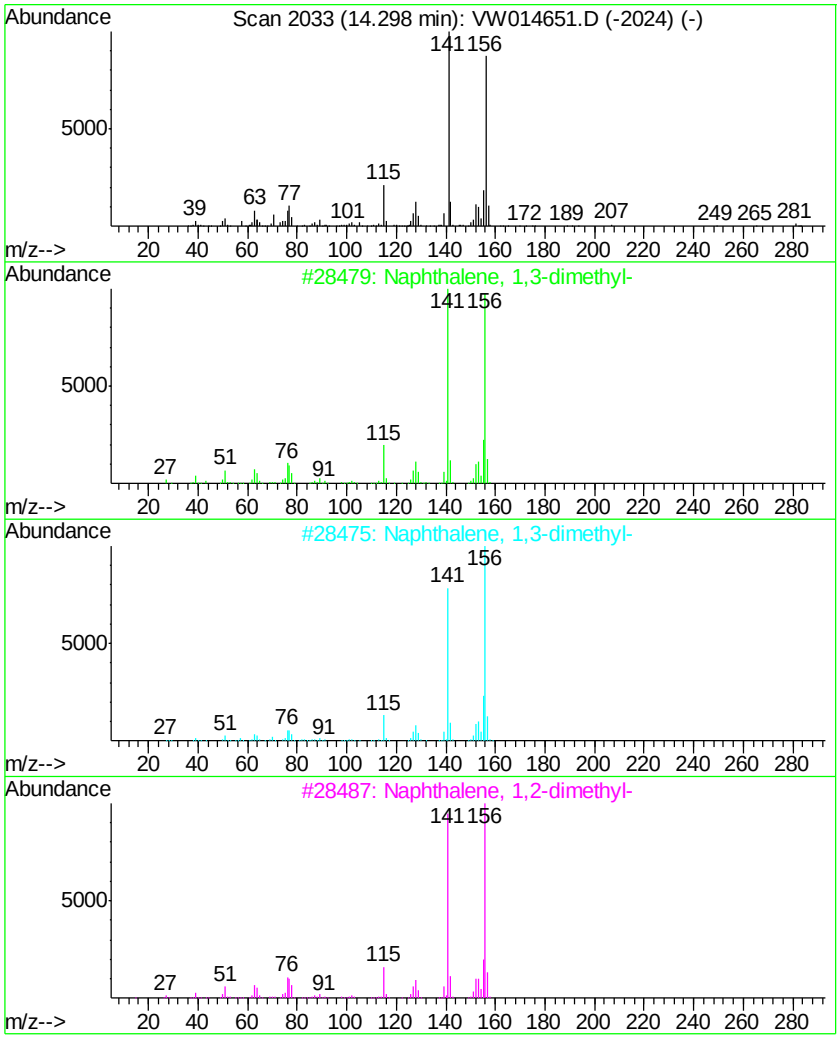
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

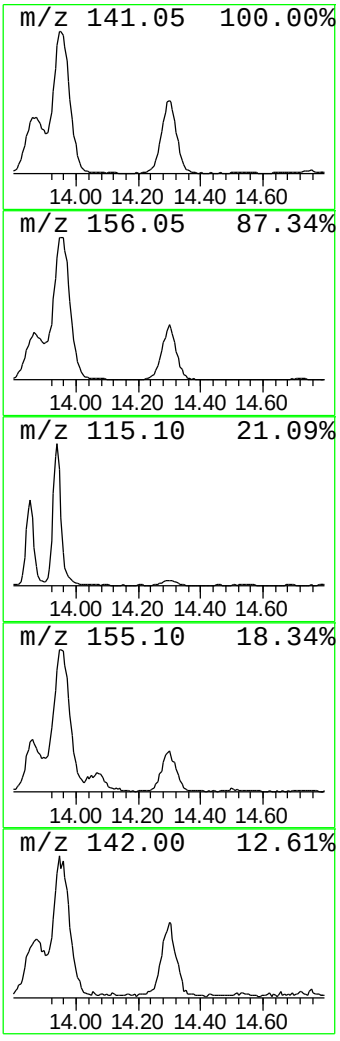
****

Peak Number 13 Naphthalene, 1,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	6.97 ug/L	766964	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Library Search Compound Report

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Data File : VW014651.D
Acq On : 15 Jan 2020 13:51
Operator : SY/VA
Sample : VIBLK33
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK33

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

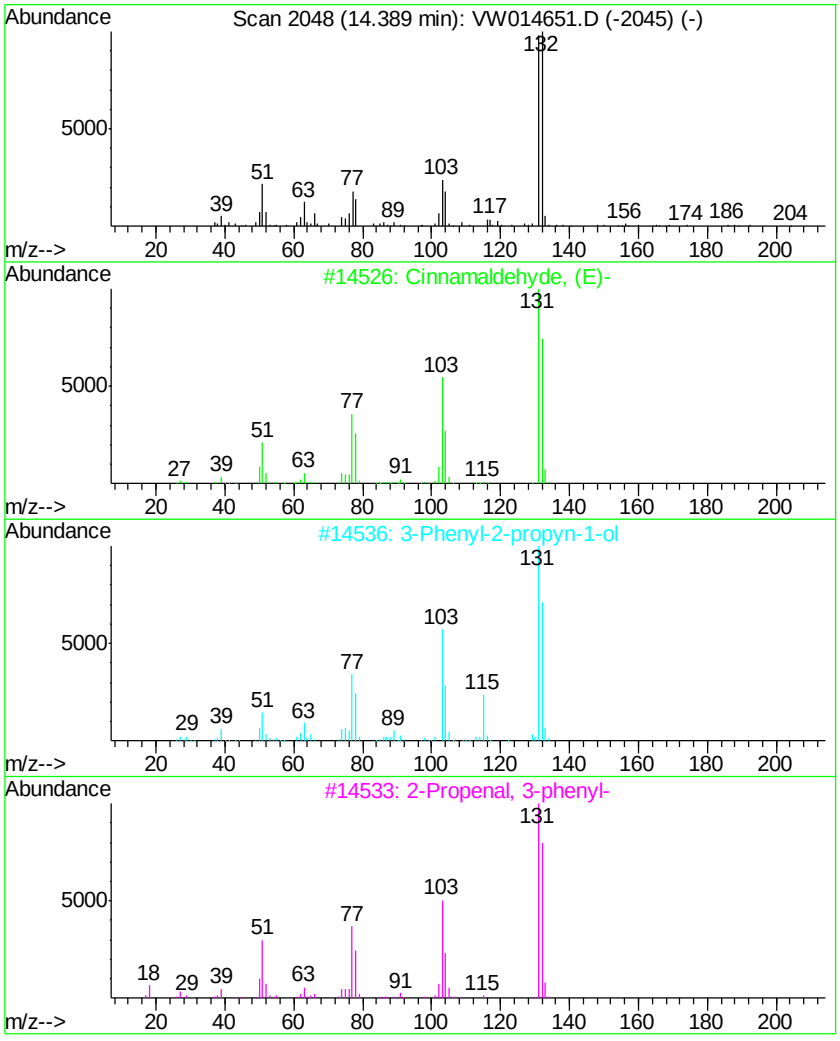
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

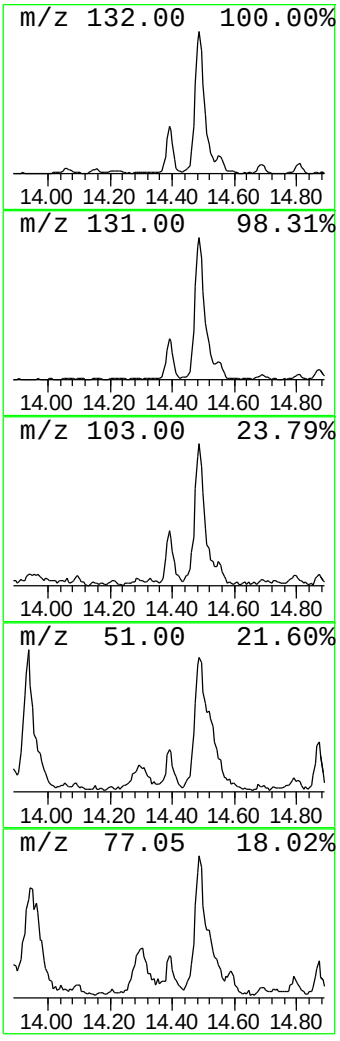
****

Peak Number 14 Cinnamaldehyde, (E)- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	1.52 ug/L	167482	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	91
2	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
3	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90
4	1H-Indazole, 3-methyl-	132	C8H8N2	1000316-00-2	87
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	80





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Data File : VW014651.D
Acq On : 15 Jan 2020 13:51
Operator : SY/VA
Sample : VIBLK33
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK33

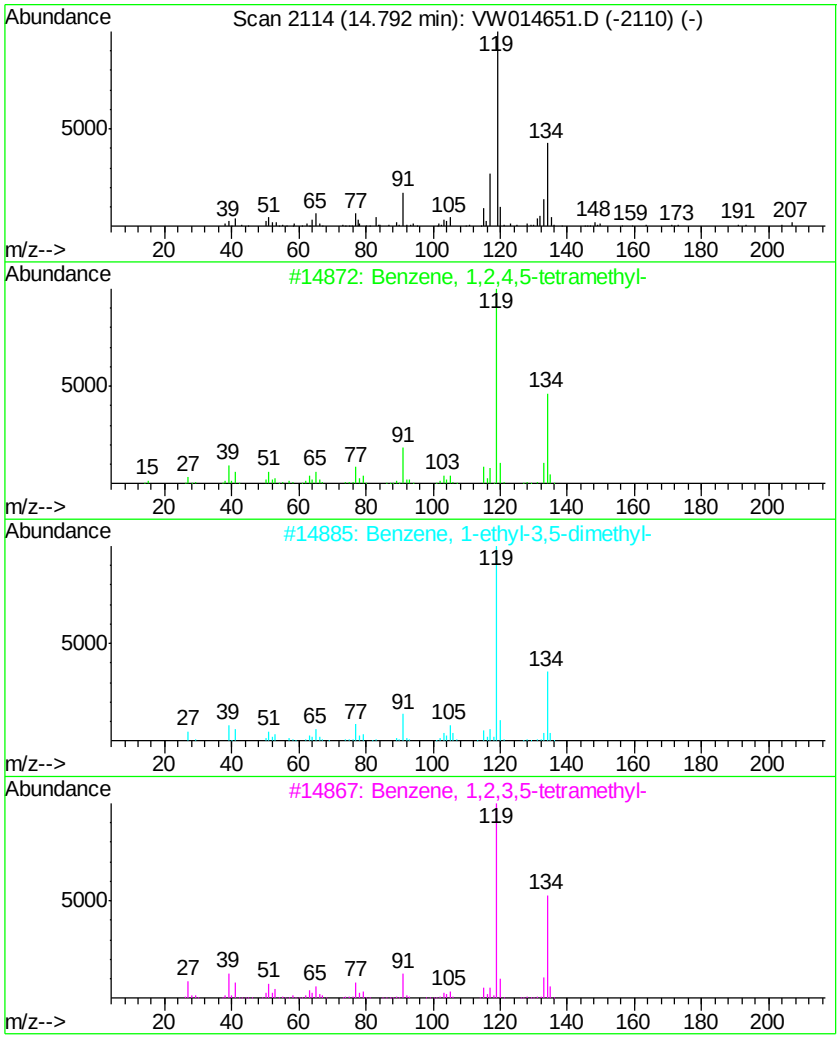
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

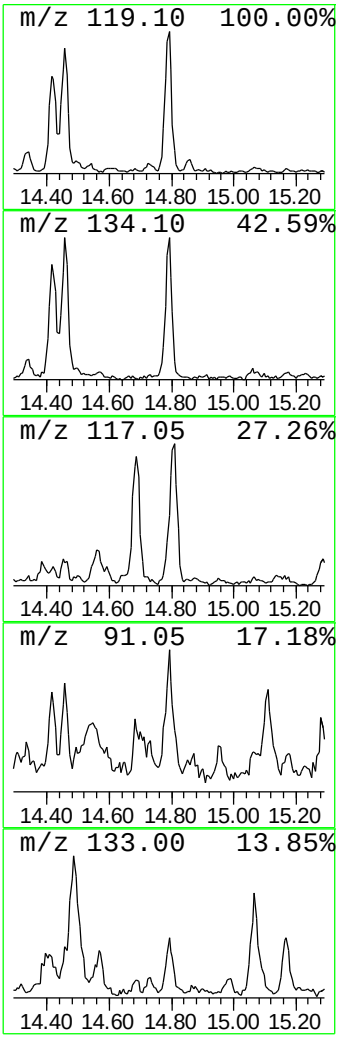
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	1.26 ug/L	138332	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	87
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
4	o-Cymene	134	C10H14	000527-84-4	87
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	87





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Data File : VW014651.D
Acq On : 15 Jan 2020 13:51
Operator : SY/VA
Sample : VIBLK33
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK33

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

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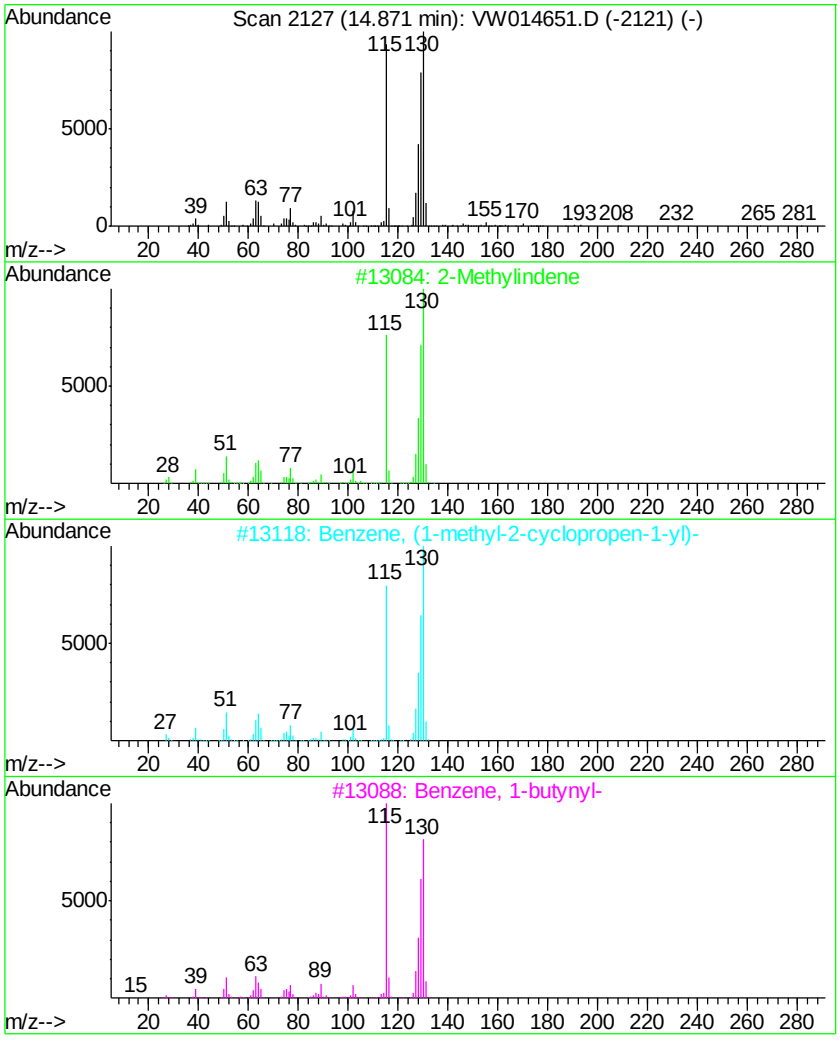
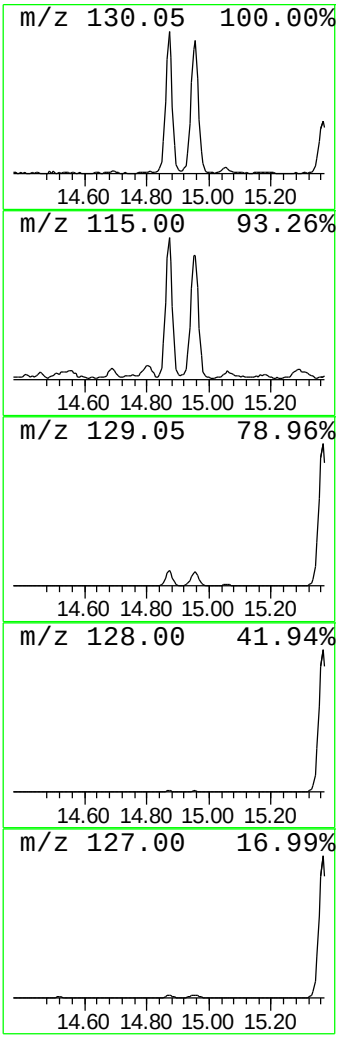
Peak Number 17 2-Methylindene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	2.93 ug/L	321936	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	97
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
3	Benzene, 1-butynyl-	130	C10H10	000622-76-4	96
4	Cyclopropa[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
5	1,4-Dihydronaphthalene	130	C10H10	000612-17-9	95





Library Search Compound Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011520\
Data File : VW014651.D
Acq On : 15 Jan 2020 13:51
Operator : SY/VA
Sample : VIBLK33
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK33

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

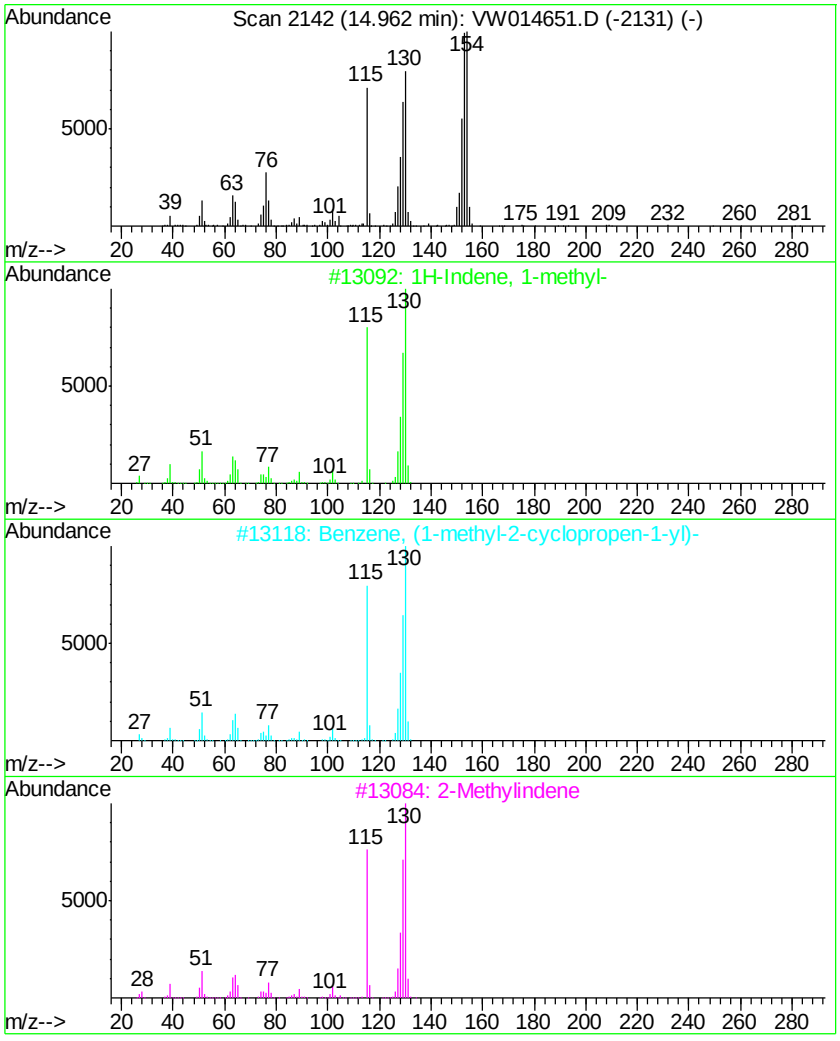
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

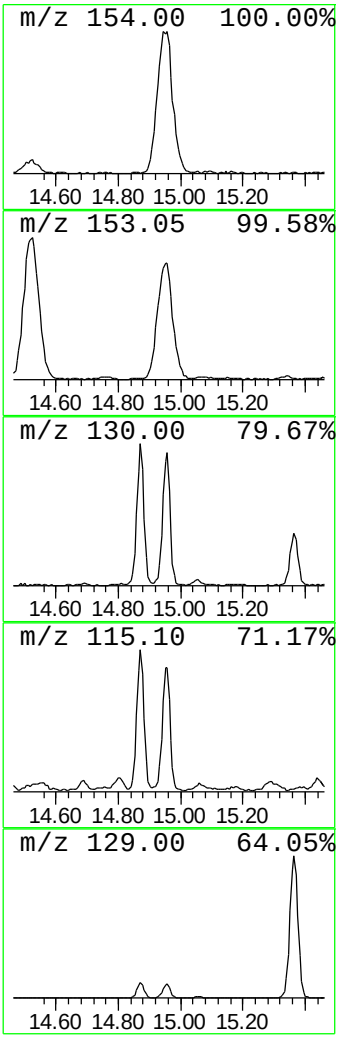
****

Peak Number 18 1H-Indene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	7.52 ug/L	827234	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	95
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	95
3	2-Methylindene	130	C10H10	002177-47-1	95
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	87
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	86





Library Search Compound Report

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Data File : VW014651.D
Acq On : 15 Jan 2020 13:51
Operator : SY/VA
Sample : VIBLK33
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK33

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

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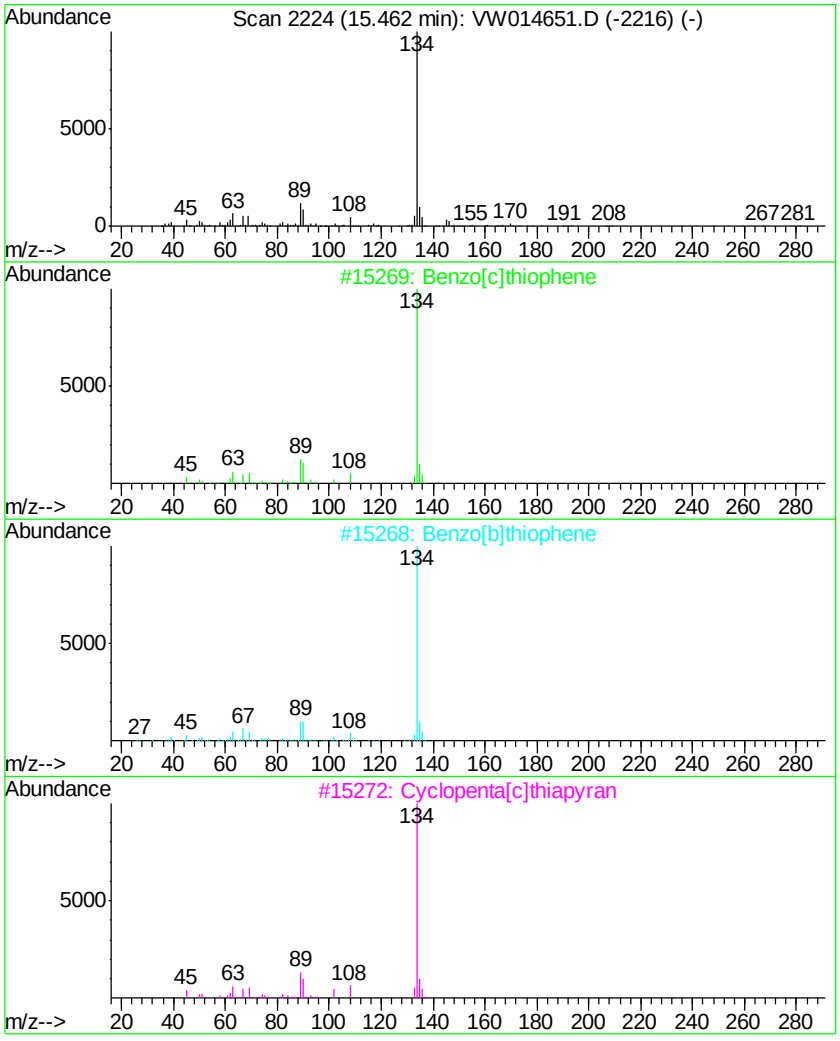
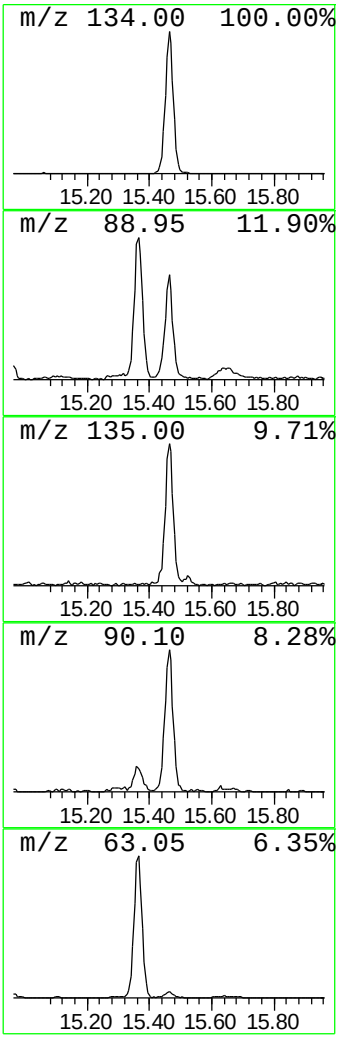
Peak Number 20 Benzo[c]thiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.46	6.61 ug/L	727230	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene	134	C8H6S	000270-82-6	93
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	93
3	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	93
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	91
5	Benzo[b]thiophene	134	C8H6S	000095-15-8	90





Data Path : Z:\voasrv\HPCHEM1\MSVOA W\Data\VW011520\
Data File : VW014651.D
Acq On : 15 Jan 2020 13:51
Operator : SY/VA
Sample : VIBLK33
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK33

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

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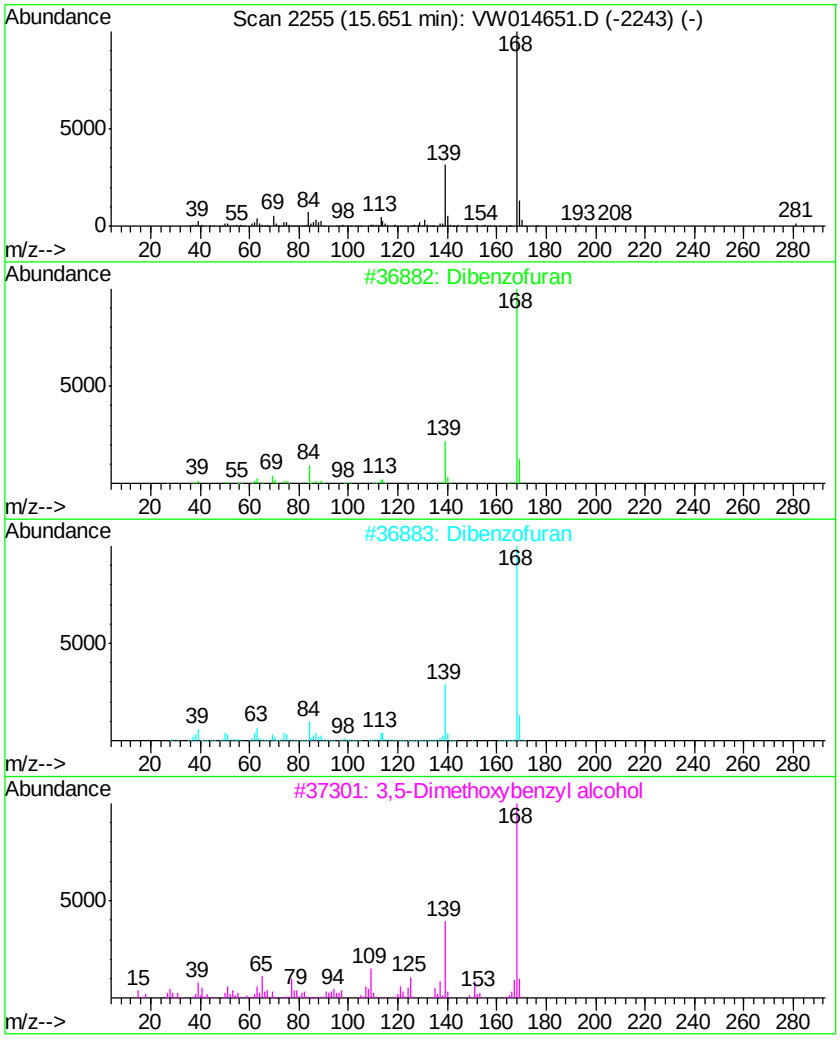
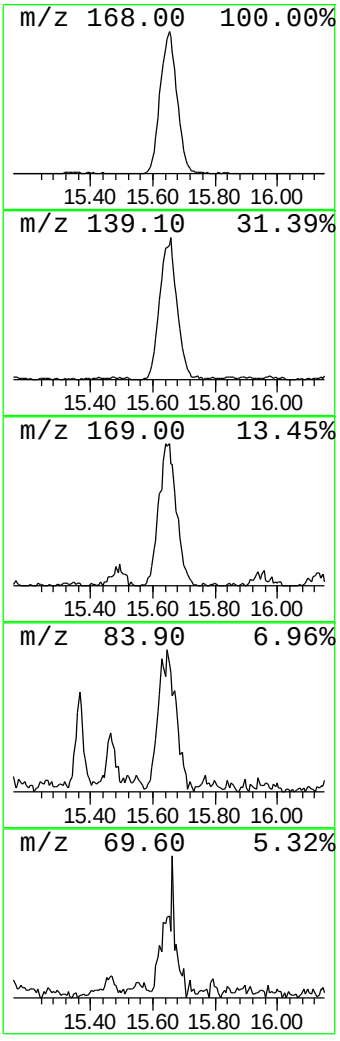
Peak Number 21 Dibenzofuran Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	4.22 ug/L	464672	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	90
2	Dibenzofuran	168	C12H8O	000132-64-9	90
3	3,5-Dimethoxybenzyl alcohol	168	C9H12O3	000705-76-0	64
4	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	59
5	1H-Pyrido[2,3-b]indole	168	C11H8N2	000244-76-8	59





Library Search Compound Report

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Data File : VW014651.D
Acq On : 15 Jan 2020 13:51
Operator : SY/VA
Sample : VIBLK33
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK33

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

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

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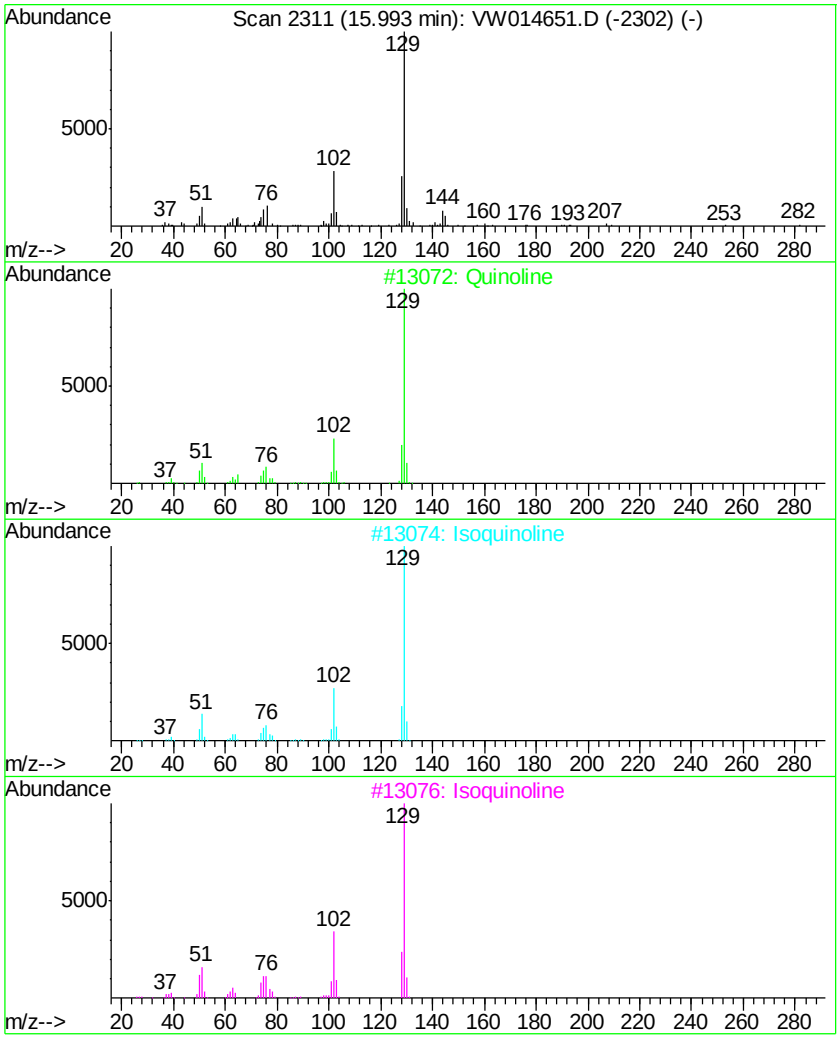
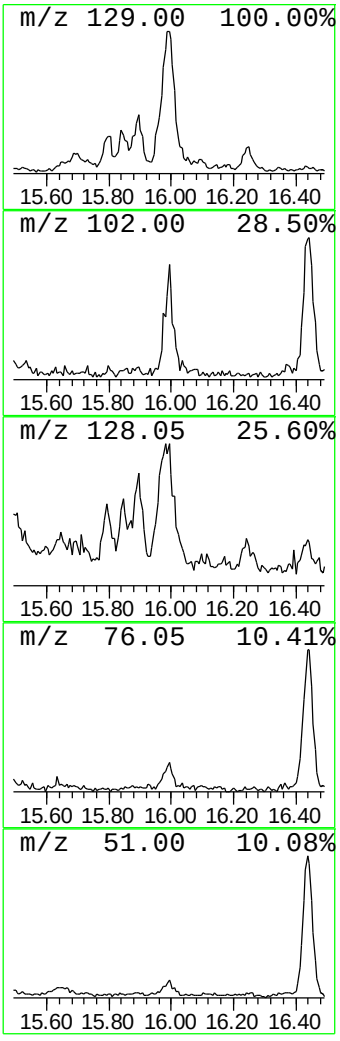
Peak Number 22 Quinoline Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	1.71 ug/L	187592	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline	129	C9H7N	000091-22-5	93
2	Isoquinoline	129	C9H7N	000119-65-3	93
3	Isoquinoline	129	C9H7N	000119-65-3	90
4	2-Propenenitrile, 3-phenyl-, (E)-	129	C9H7N	001885-38-7	87
5	Quinoline	129	C9H7N	000091-22-5	87





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Data File : VW014651.D
Acq On : 15 Jan 2020 13:51
Operator : SY/VA
Sample : VIBLK33
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK33

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.M
Quant Title : VOC Analysis

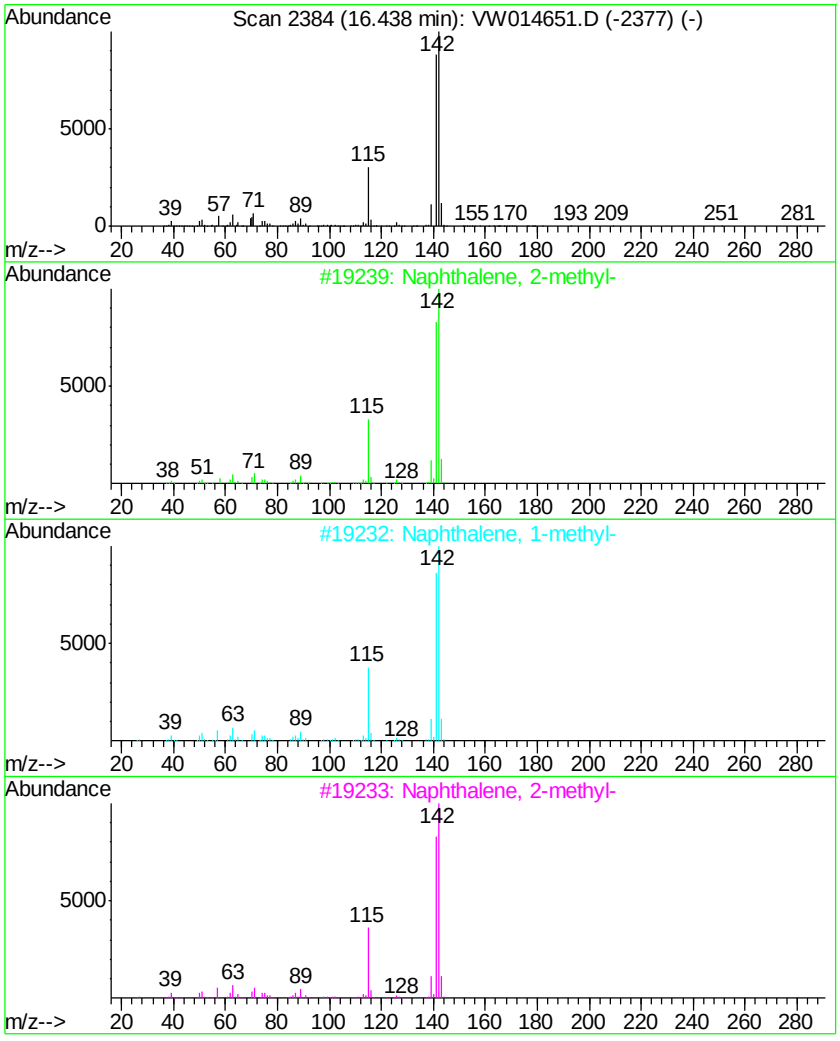
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

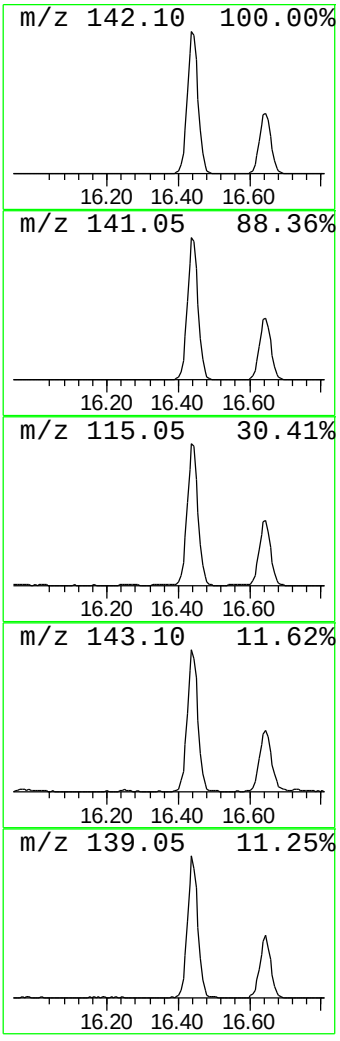
****

Peak Number 23 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	33.29 ug/L	3661280	1,4-Dichlorobenzene-d4	13.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011520\
Data File : VW014651.D
Acq On : 15 Jan 2020 13:51
Operator : SY/VA
Sample : VIBLK33
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK33

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122719S.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
Biphenyl	11.35	28.6	ug/L	3265480	2	11.63	2857260	25.0
Naphthalene, 2-et...	12.41	12.4	ug/L	1415100	2	11.63	2857260	25.0
Naphthalene, 2,6-...	12.87	101.8	ug/L	11198400	3	13.55	2749570	25.0
Naphthalene, 1,7-...	13.45	46.0	ug/L	5058940	3	13.55	2749570	25.0
Indene	13.94	28.9	ug/L	3182480	3	13.55	2749570	25.0
unknown-01	14.07	1.8	ug/L	198358	3	13.55	2749570	25.0
Naphthalene, 1,3-...	14.30	7.0	ug/L	766964	3	13.55	2749570	25.0
Cinnamaldehyde, (E)-	14.39	1.5	ug/L	167482	3	13.55	2749570	25.0
Benzene, 1,2,4,5-...	14.79	1.3	ug/L	138332	3	13.55	2749570	25.0
2-Methylindene	14.87	2.9	ug/L	321936	3	13.55	2749570	25.0
1H-Indene, 1-methyl-	14.96	7.5	ug/L	827234	3	13.55	2749570	25.0
Benzo[c]thiophene	15.46	6.6	ug/L	727230	3	13.55	2749570	25.0
Dibenzofuran	15.65	4.2	ug/L	464672	3	13.55	2749570	25.0
Quinoline	15.99	1.7	ug/L	187592	3	13.55	2749570	25.0
Naphthalene, 1-me...	16.44	33.3	ug/L	3661280	3	13.55	2749570	25.0