LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111220\
Data File : VW017191.D
Acq On : 12 Nov 2020 17:42
Operator : SY/VA
Sample : VIBLK05
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK05

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\SOM2WLM110420S.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	2.050	22	24	26	rVB	516	325	0.01%	0.001%
2	2.148	36	40	43	rBV	1318	1995	0.05%	0.008%
3	2.215	45	51	54	rVV7	1904	4559	0.11%	0.017%
4	2.269	58	60	62	rVV3	1272	1588	0.04%	0.006%
5	2.355	65	74	92	rVV	98675	203084	4.88%	0.765%
6	2.519	99	101	102	rVB2	797	427	0.01%	0.002%
7	2.599	113	114	115	rBV	953	489	0.01%	0.002%
8	2.641	118	121	124	rBV5	2004	3521	0.08%	0.013%
9	2.891	154	162	176	rVB	66838	172614	4.15%	0.650%
10	3.080	191	193	194	rVB2	773	412	0.01%	0.002%
11	3.202	211	213	214	rVB	536	292	0.01%	0.001%
12	3.227	214	217	219	rVB2	270	327	0.01%	0.001%
13	3.269	219	224	226	rVB4	334	554	0.01%	0.002%
14	3.318	229	232	233	rBV2	451	321	0.01%	0.001%
15	3.385	235	243	245	rBV2	1189	2113	0.05%	0.008%
16	3.495	259	261	263	rBV2	388	351	0.01%	0.001%
17	3.531	265	267	270	rBV3	396	421	0.01%	0.002%
18	3.568	270	273	276	rVB4	427	440	0.01%	0.002%
19	3.739	299	301	305	rBV2	249	287	0.01%	0.001%
20	4.019	336	347	372	rBV2	152208	485255	11.65%	1.827%
21	4.178	372	373	376	rBV3	270	296	0.01%	0.001%
22	4.214	378	379	382	rVB2	684	478	0.01%	0.002%
23	4.294	388	392	394	rBV2	246	311	0.01%	0.001%
24	4.397	401	409	419	rBV4	2483	7445	0.18%	0.028%
25	4.921	483	495	511	rBV3	17650	65271	1.57%	0.246%
26	5.025	511	512	515	rVB2	399	328	0.01%	0.001%
27	5.117	521	527	528	rBV2	756	988	0.02%	0.004%
28	5.202	539	541	547	rVB2	519	563	0.01%	0.002%
29	5.434	575	579	584	rBV3	333	648	0.02%	0.002%
30	5.751	623	631	634	rBV4	846	2155	0.05%	0.008%
31	5.940	653	662	673	rVB3	6079	18492	0.44%	0.070%
32	6.196	702	704	708	rBV4	398	588	0.01%	0.002%
33	6.744	791	794	795	rBV	450	295	0.01%	0.001%
34	6.866	812	814	816	rBV2	370	311	0.01%	0.001%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111220\
Data File : VW017191.D
Acq On : 12 Nov 2020 17:42
Operator : SY/VA
Sample : VIBLK05
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK05

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\SOM2WLM110420S.M
Title : VOC Analysis

35	6.921	816	823	825	rBV4	562	1056	0.03%	0.004%
36	6.964	828	830	833	rBV	517	465	0.01%	0.002%
37	6.988	833	834	837	rVB2	518	410	0.01%	0.002%
38	7.080	839	849	854	rBV	44982	123314	2.96%	0.464%
39	7.141	854	859	872	rVB2	39839	109809	2.64%	0.414%
40	7.269	878	880	884	rVB3	401	438	0.01%	0.002%
41	7.366	894	896	897	rVV2	476	340	0.01%	0.001%
42	7.445	907	909	911	rBV2	497	467	0.01%	0.002%
43	7.512	916	920	921	rBV4	591	691	0.02%	0.003%
44	7.525	921	922	924	rBV2	384	335	0.01%	0.001%
45	7.549	924	926	928	rVB2	1097	784	0.02%	0.003%
46	7.586	930	932	933	rBV	460	292	0.01%	0.001%
47	7.653	933	943	956	rBV	248185	609905	14.65%	2.297%
48	7.823	966	971	972	rBV4	949	928	0.02%	0.003%
49	7.848	972	975	976	rVV2	759	706	0.02%	0.003%
50	7.951	985	992	998	rBV7	2628	5658	0.14%	0.021%
51	8.018	1002	1003	1006	rBV3	474	553	0.01%	0.002%
52	8.055	1006	1009	1010	rBV3	888	864	0.02%	0.003%
53	8.104	1015	1017	1018	rVB2	706	349	0.01%	0.001%
54	8.122	1018	1020	1022	rVB3	822	520	0.01%	0.002%
55	8.146	1022	1024	1025	rBV2	495	351	0.01%	0.001%
56	8.165	1025	1027	1030	rBV4	629	697	0.02%	0.003%
57	8.275	1033	1045	1063	rBV3	489583	1518209	36.46%	5.717%
58	8.451	1072	1074	1077	rVB3	930	890	0.02%	0.003%
59	8.482	1077	1079	1080	rBV2	1123	937	0.02%	0.004%
60	8.634	1099	1104	1107	rBV7	1455	2705	0.06%	0.010%
61	8.841	1130	1138	1149	rBV	476601	959273	23.04%	3.612%
62	8.951	1154	1156	1159	rBV4	1257	1374	0.03%	0.005%
63	9.049	1170	1172	1174	rBV3	1891	1907	0.05%	0.007%
64	9.079	1175	1177	1183	rVB7	3450	5381	0.13%	0.020%
65	9.274	1201	1209	1218	rBV	310183	629260	15.11%	2.370%
66	9.829	1298	1300	1302	rBV3	2170	1726	0.04%	0.006%
67	9.890	1307	1310	1315	rVB6	5904	11715	0.28%	0.044%
68	10.036	1327	1334	1341	rBV	184356	331395	7.96%	1.248%
69	10.207	1360	1362	1367	rBV2	6994	10841	0.26%	0.041%
70	10.323	1374	1381	1389	rBV	691128	1245677	29.92%	4.691%
71	10.579	1418	1423	1432	rVB	117413	199024	4.78%	0.749%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111220\
Data File : VW017191.D
Acq On : 12 Nov 2020 17:42
Operator : SY/VA
Sample : VIBLK05
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK05

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\SOM2WLM110420S.M
Title : VOC Analysis

72	10.707	1438	1444	1452	rVB	121204	214613	5.15%	0.808%
73	10.926	1475	1480	1487	rBV2	176451	290464	6.98%	1.094%
74	11.067	1498	1503	1507	rBV2	43330	94054	2.26%	0.354%
75	11.439	1559	1564	1570	rBV	95352	166302	3.99%	0.626%
76	11.634	1590	1596	1605	rVB	689090	1154536	27.73%	4.348%
77	12.445	1720	1729	1733	rBV	153857	475980	11.43%	1.792%
78	12.609	1751	1756	1763	rVB	225457	401149	9.63%	1.511%
79	12.694	1764	1770	1779	rVB	326067	610732	14.67%	2.300%
80	12.908	1787	1805	1807	rBV2	451055	1822628	43.77%	6.864%
81	13.341	1862	1876	1888	rBV2	894673	4163752	100.00%	15.680%
82	13.469	1889	1897	1907	rVV2	507908	2058305	49.43%	7.751%
83	13.560	1907	1912	1918	rVB	718102	1165445	27.99%	4.389%
84	13.853	1954	1960	1966	rBV	711157	1292729	31.05%	4.868%
85	13.975	1973	1980	1990	rVB	321911	989490	23.76%	3.726%
86	14.072	1991	1996	2010	rVB3	136775	358576	8.61%	1.350%
87	14.310	2027	2035	2045	rBV2	161270	491227	11.80%	1.850%
88	14.554	2070	2075	2085	rVB3	50085	140498	3.37%	0.529%
89	14.773	2106	2111	2120	rVB	74867	199301	4.79%	0.751%
90	14.883	2122	2129	2132	rBV2	41087	110212	2.65%	0.415%
91	15.096	2153	2164	2172	rBV	186542	680466	16.34%	2.563%
92	15.273	2185	2193	2200	rVB2	57480	165882	3.98%	0.625%
93	15.438	2212	2220	2224	rBV4	76793	230035	5.52%	0.866%
94	15.505	2225	2231	2242	rVB3	185686	595552	14.30%	2.243%
95	15.633	2242	2252	2267	rBV2	176528	607380	14.59%	2.287%
96	15.962	2296	2306	2321	rVB3	103922	430612	10.34%	1.622%
97	16.139	2326	2335	2347	rVB3	81869	267629	6.43%	1.008%
98	16.371	2365	2373	2377	rBV3	37820	108242	2.60%	0.408%
99	16.444	2379	2385	2407	rVB4	103820	413663	9.93%	1.558%
100	16.639	2412	2417	2431	rVB	35710	98372	2.36%	0.370%

Sum of corrected areas: 26554616

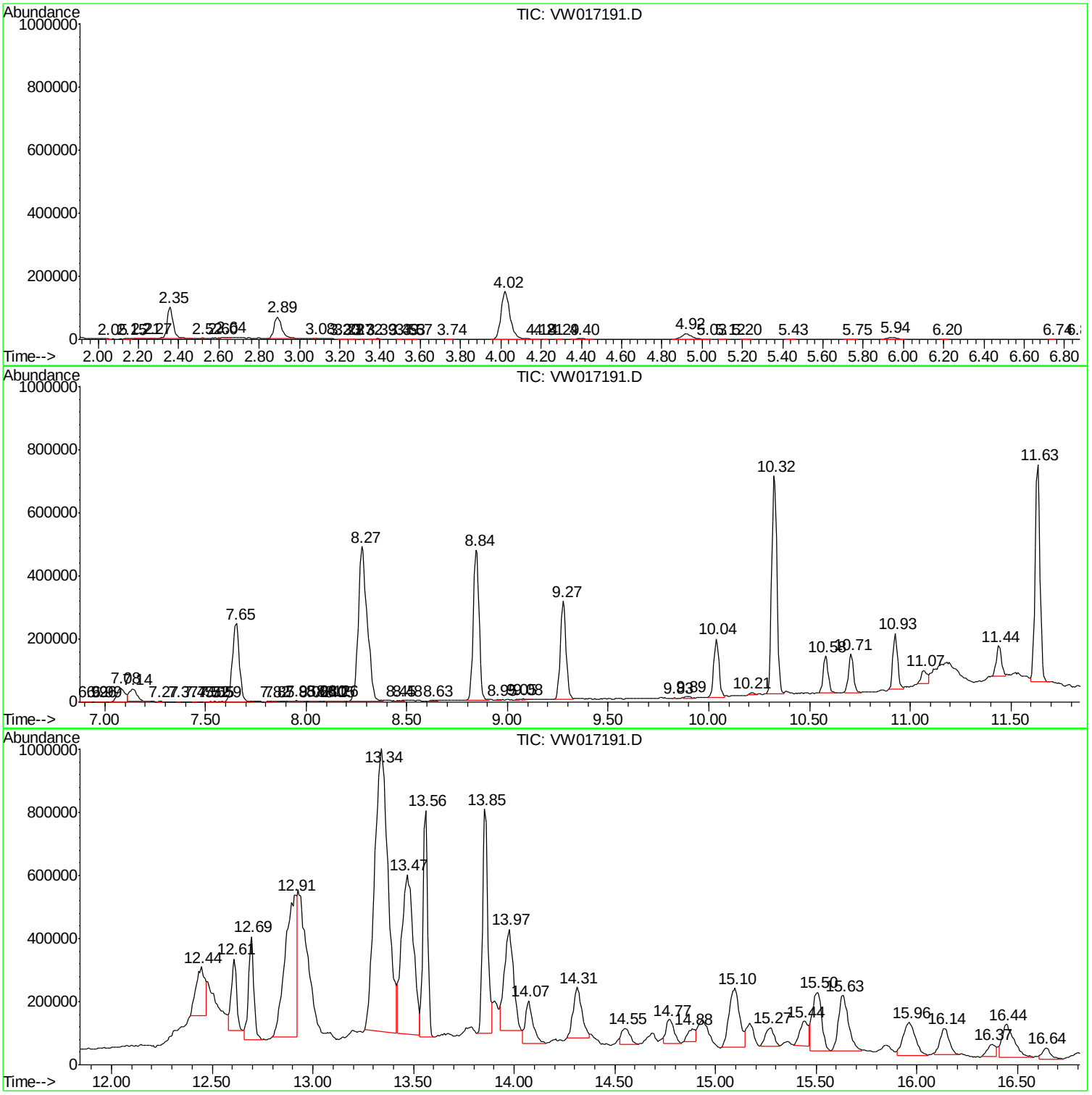
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111220\
Data File : VW017191.D
Acq On : 12 Nov 2020 17:42
Operator : SY/VA
Sample : VIBLK05
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111220\
Data File : VW017191.D
Acq On : 12 Nov 2020 17:42
Operator : SY/VA
Sample : VIBLK05
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

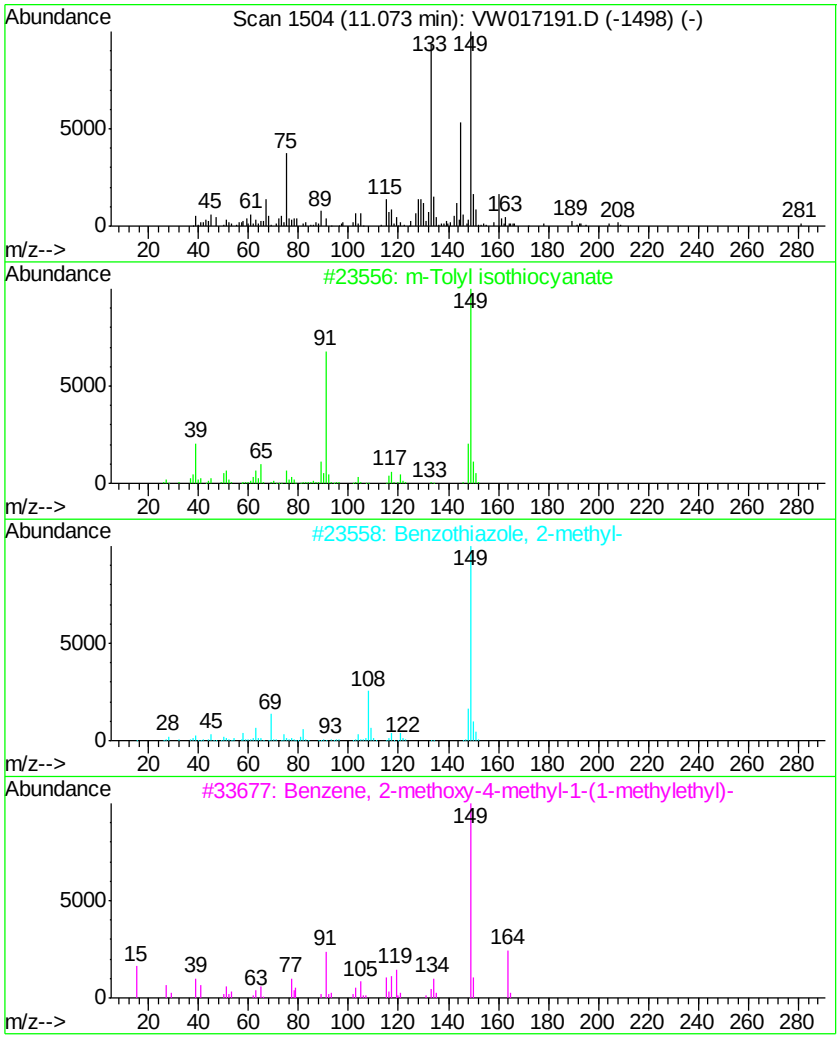
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

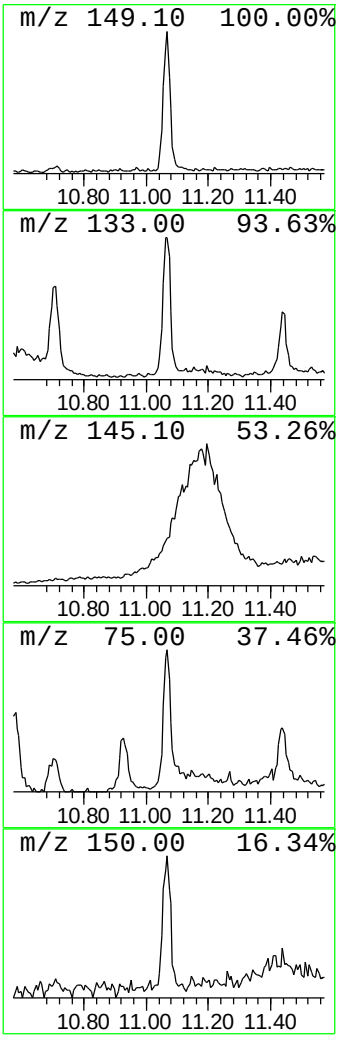
****

Peak Number 4 unknown-01 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	2.04 ug/L	94054	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	m-Tolyl isothiocyanate	149	C8H7NS	000621-30-7	35
2	Benzothiazole, 2-methyl-	149	C8H7NS	000120-75-2	35
3	Benzene, 2-methoxy-4-methyl-1-(1...	164	C11H16O	001076-56-8	32
4	Benzene, 1-methoxy-4-methyl-2-(1...	164	C11H16O	031574-44-4	32
5	(1-tert-Butoxypropan-2-yloxy)(te...	246	C13H30O2Si	1000367-02-9	22





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111220\
Data File : VW017191.D
Acq On : 12 Nov 2020 17:42
Operator : SY/VA
Sample : VIBLK05
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

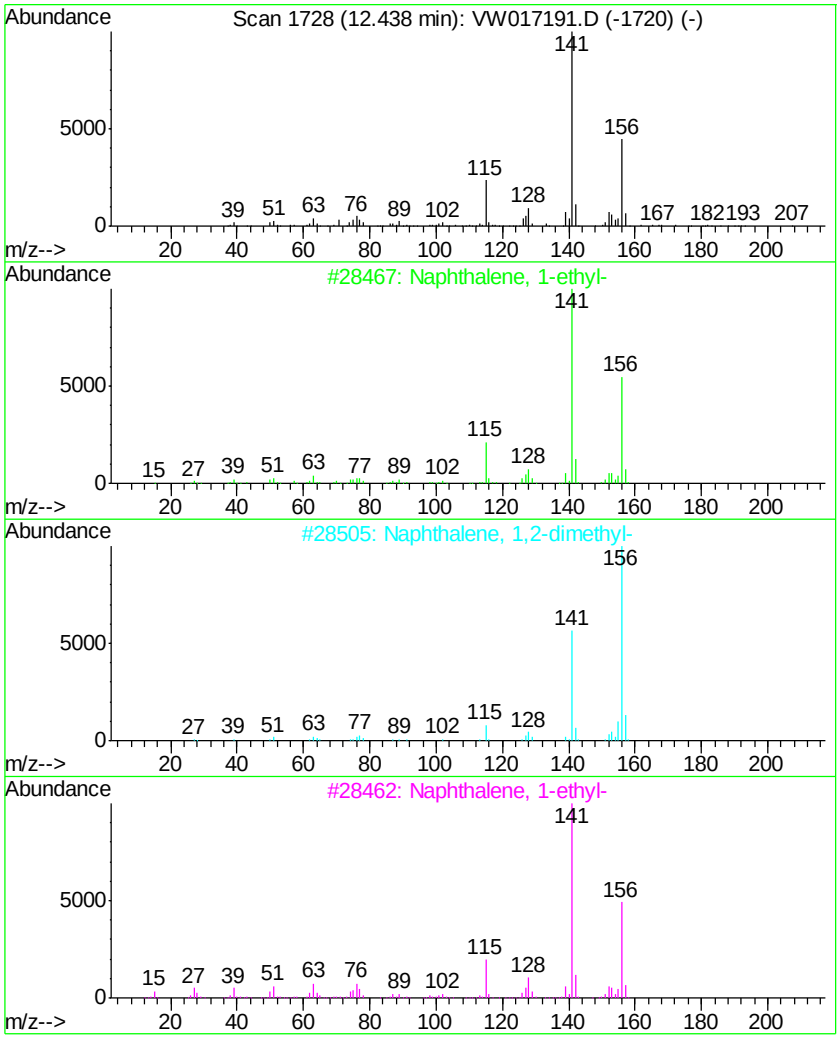
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

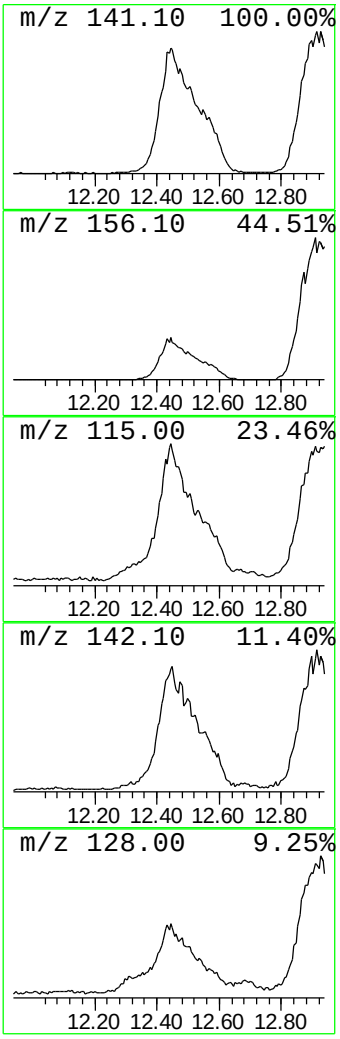
****

Peak Number 6 Naphthalene, 1-ethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	10.31 ug/L	475980	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	94
3	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
4	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111220\
Data File : VW017191.D
Acq On : 12 Nov 2020 17:42
Operator : SY/VA
Sample : VIBLK05
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

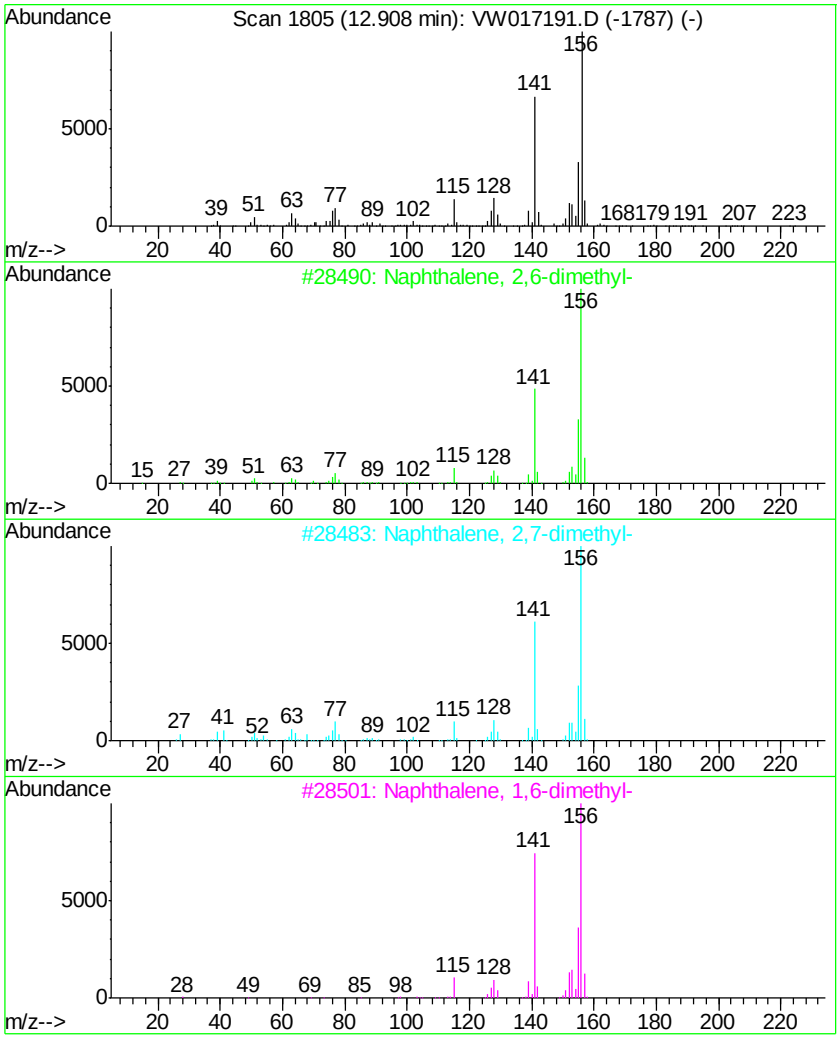
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

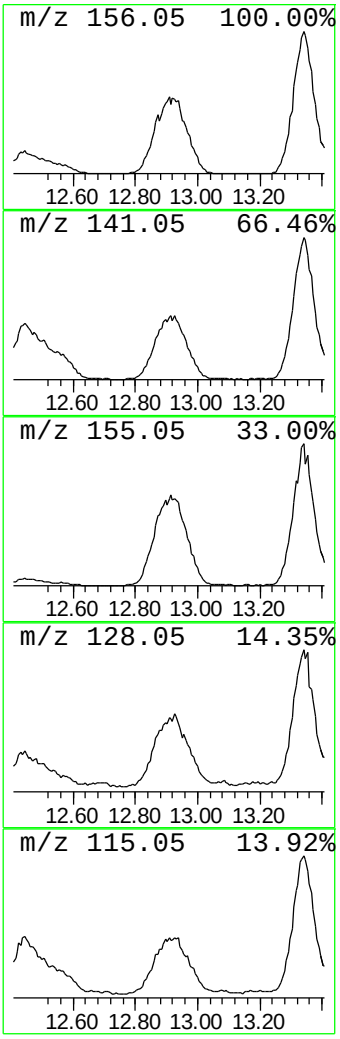
****

Peak Number 8 Naphthalene, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	39.10 ug/L	1822630	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111220\
Data File : VW017191.D
Acq On : 12 Nov 2020 17:42
Operator : SY/VA
Sample : VIBLK05
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

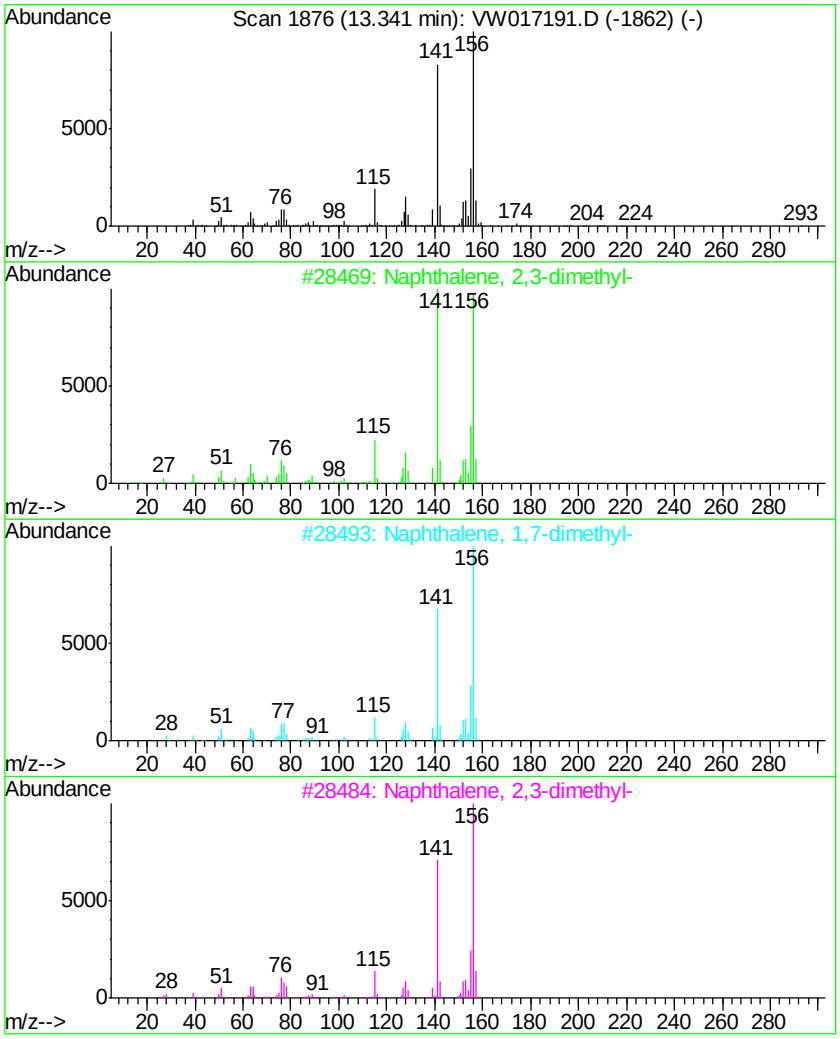
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

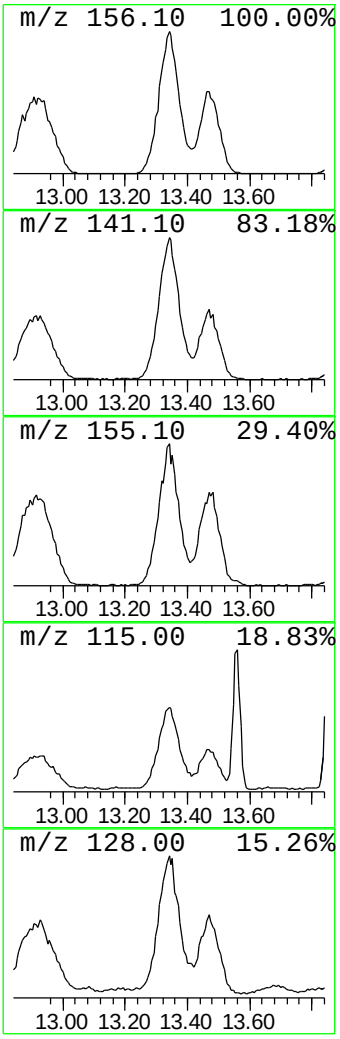
****

Peak Number 9 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	89.32 ug/L	4163750	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	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111220\
Data File : VW017191.D
Acq On : 12 Nov 2020 17:42
Operator : SY/VA
Sample : VIBLK05
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

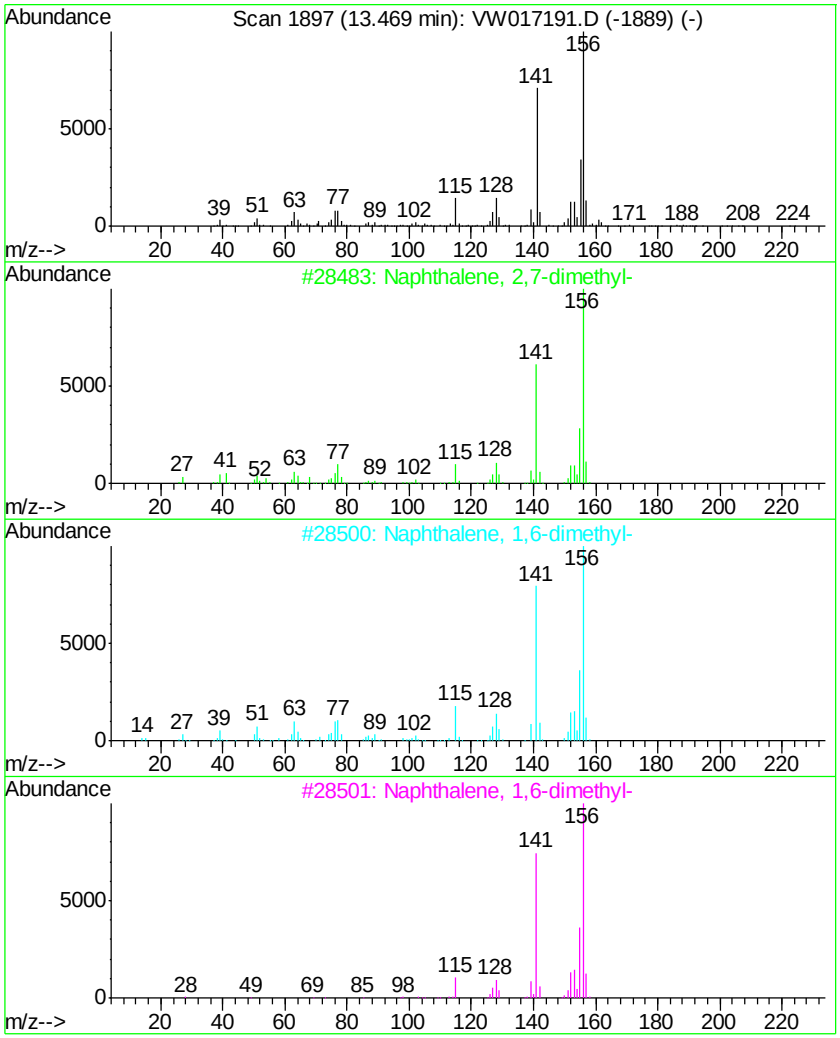
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

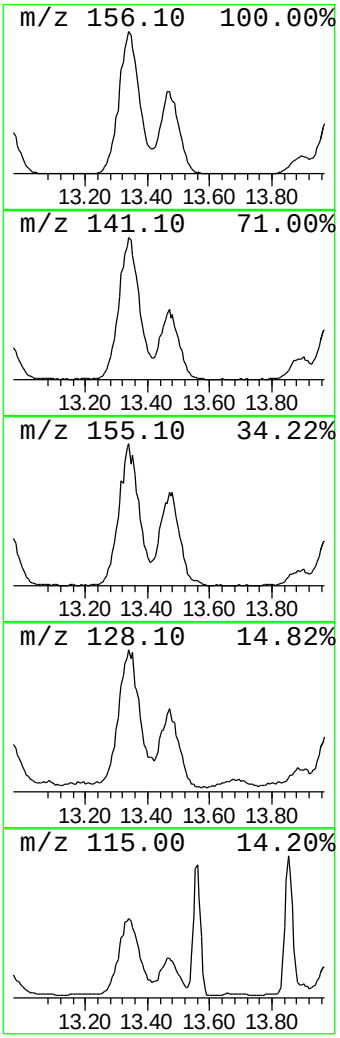
****

Peak Number 10 Naphthalene, 2,7-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	44.15 ug/L	2058310	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111220\
Data File : VW017191.D
Acq On : 12 Nov 2020 17:42
Operator : SY/VA
Sample : VIBLK05
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

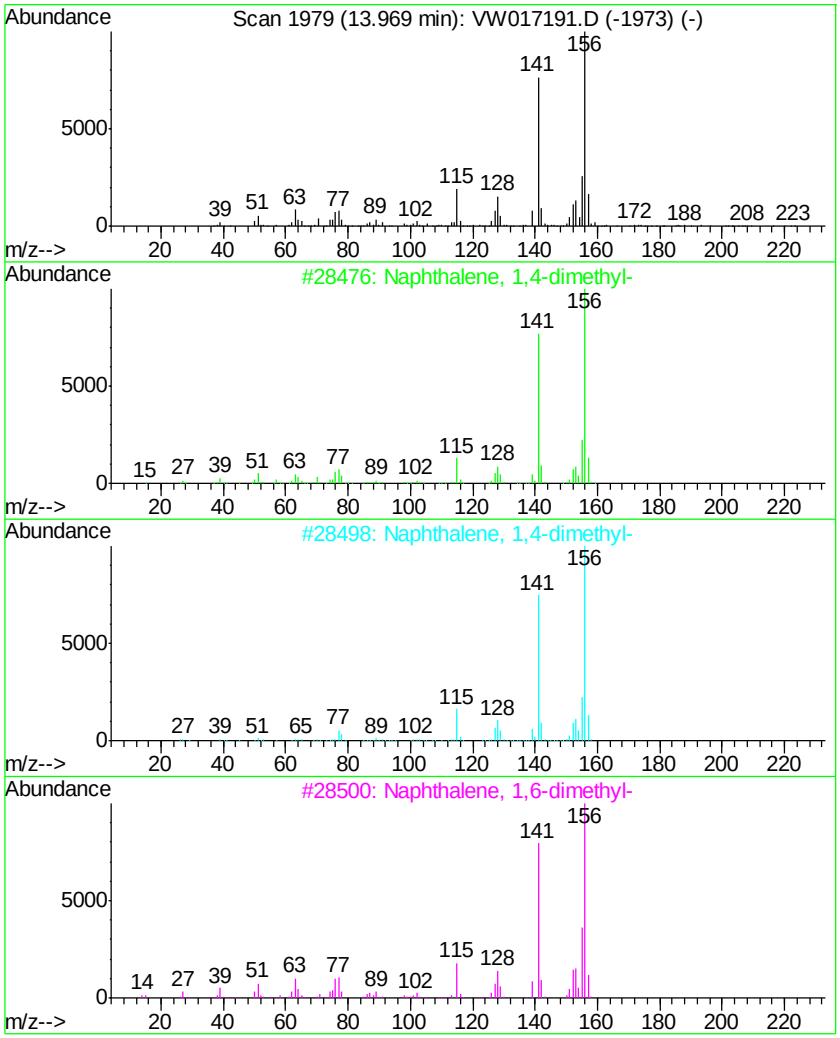
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

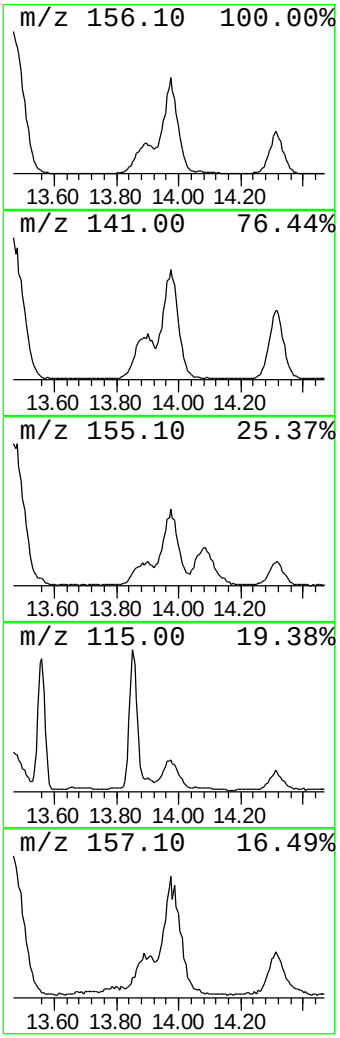
****

Peak Number 11 Naphthalene, 1,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	21.23 ug/L	989490	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





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Data File : VW017191.D
Acq On : 12 Nov 2020 17:42
Operator : SY/VA
Sample : VIBLK05
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

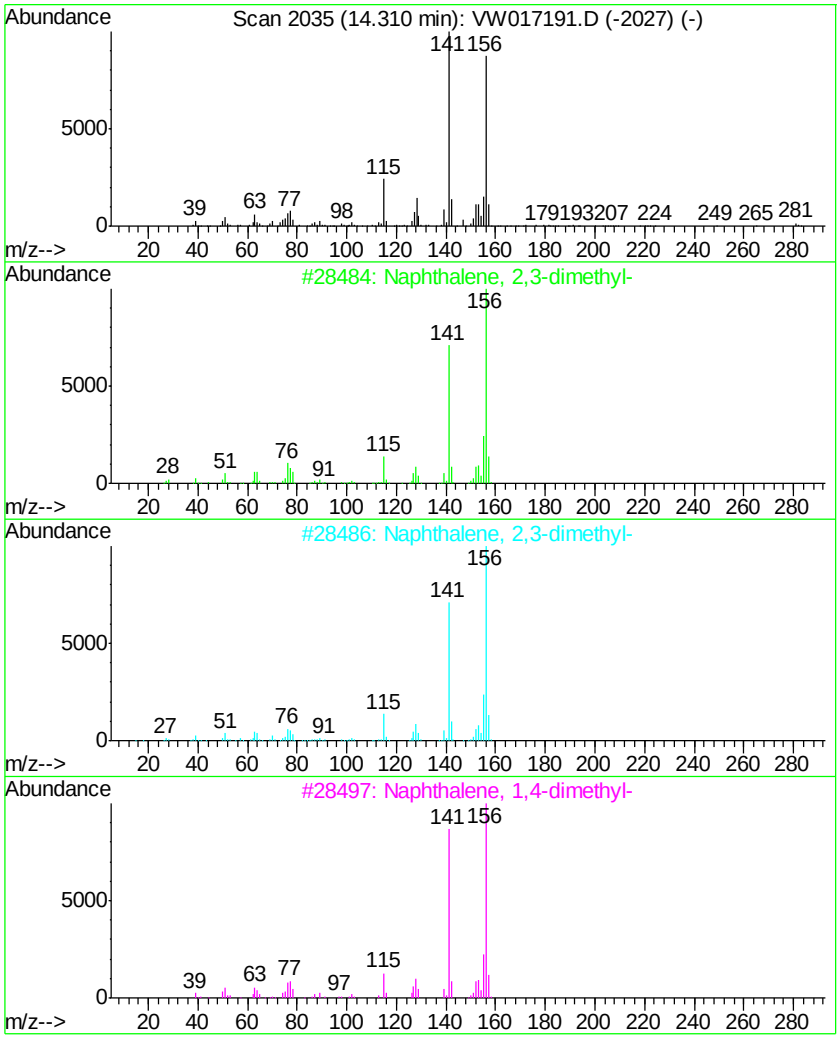
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

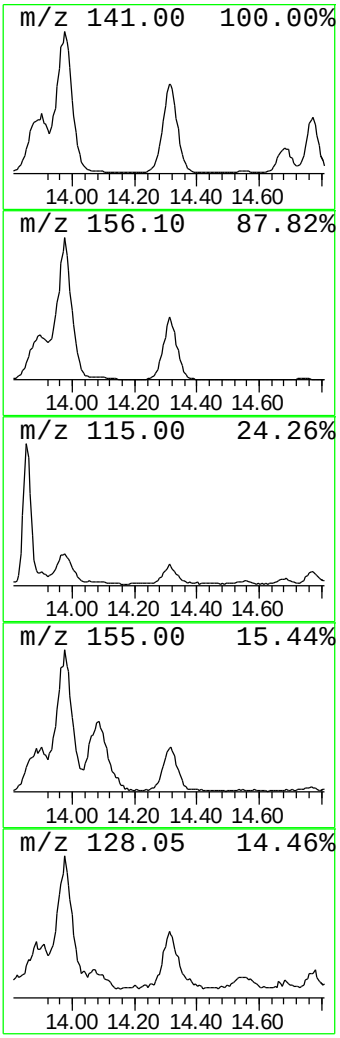
****

Peak Number 13 Naphthalene, 2,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.31	10.54 ug/L	491227	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	95
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	94





Library Search Compound Report

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Data File : VW017191.D
Acq On : 12 Nov 2020 17:42
Operator : SY/VA
Sample : VIBLK05
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

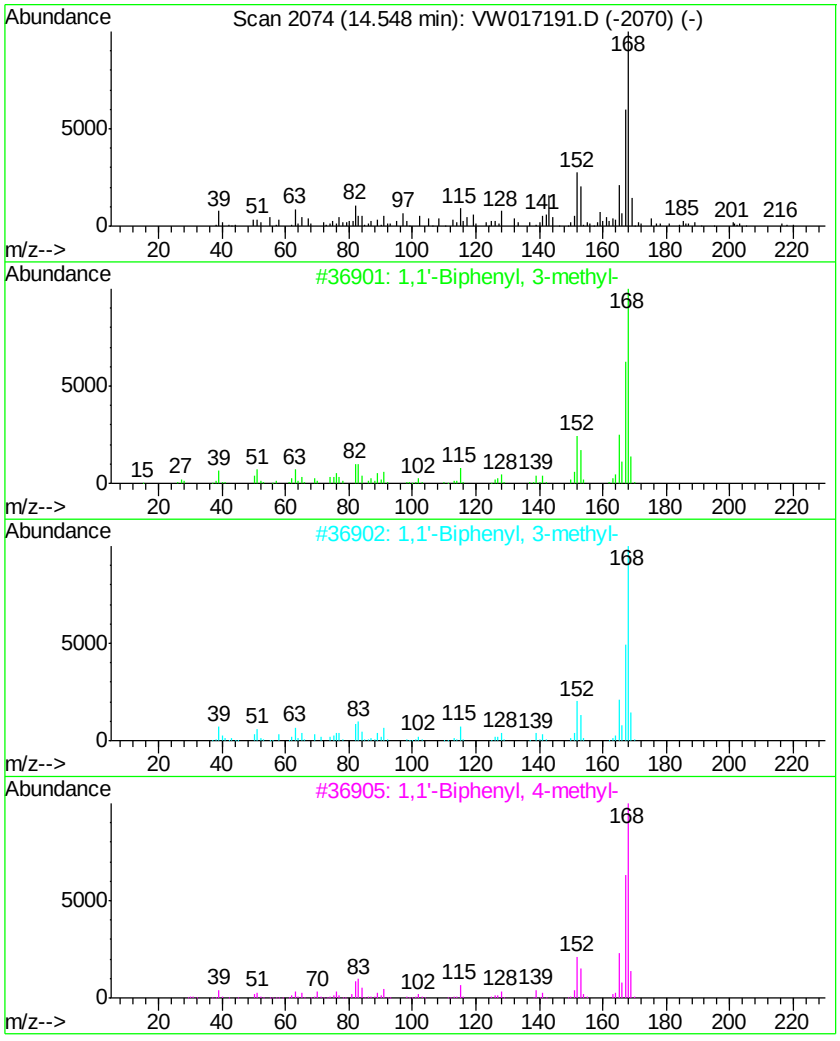
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

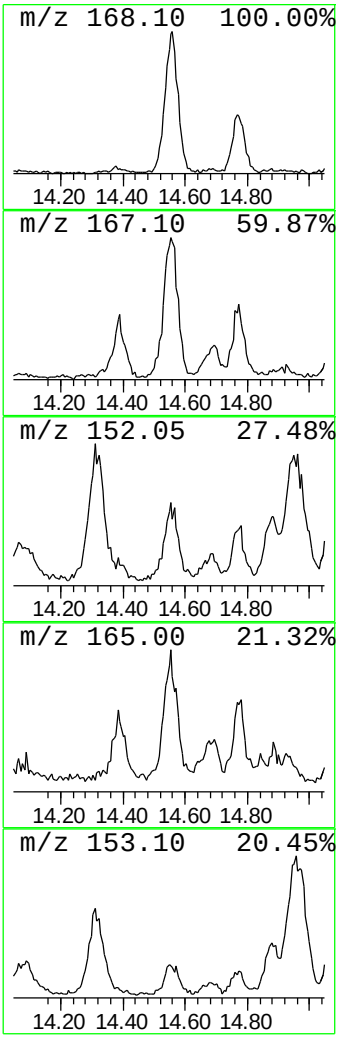
****

Peak Number 14 1,1'-Biphenyl, 3-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	3.01 ug/L	140498	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	90
2	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	81
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	74
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	74
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	74





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Acq On : 12 Nov 2020 17:42
Operator : SY/VA
Sample : VIBLK05
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

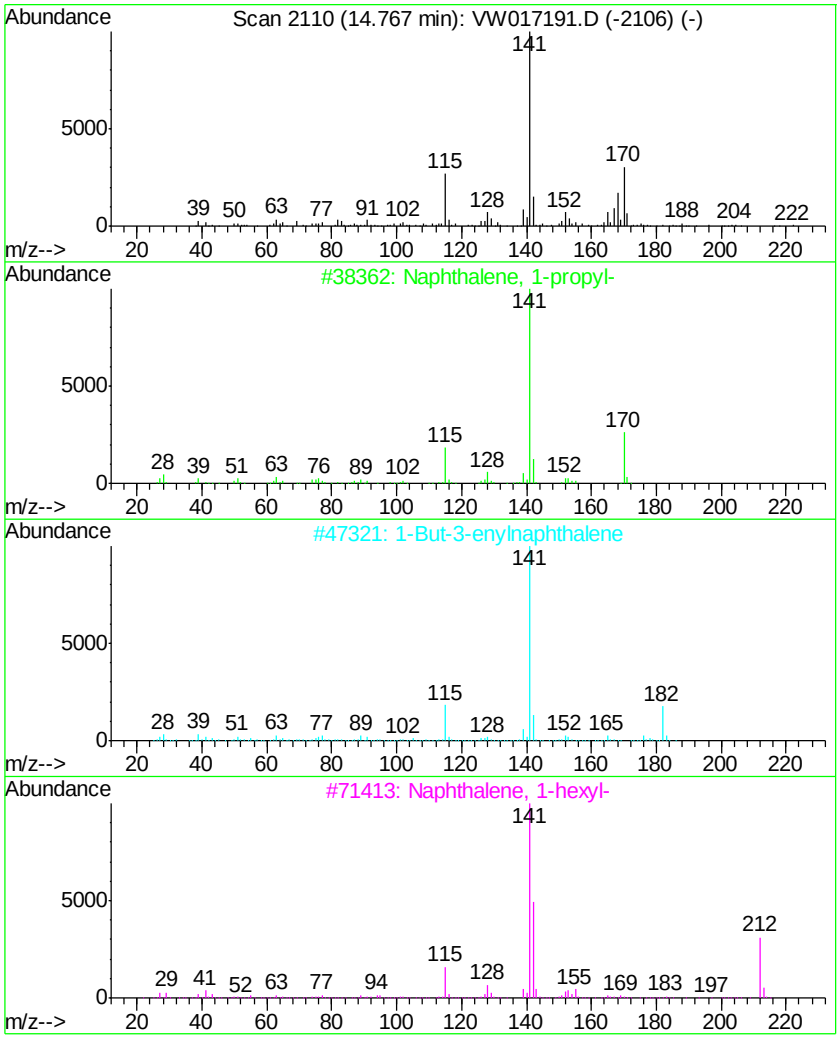
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

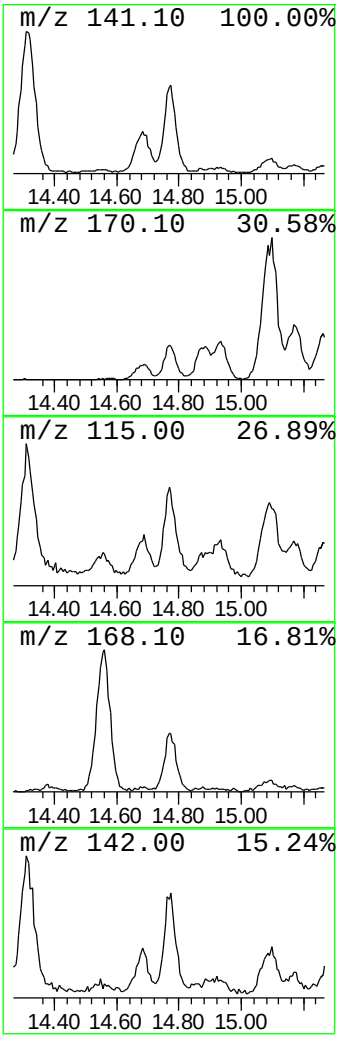
****

Peak Number 15 Naphthalene, 1-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	4.28 ug/L	199301	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-propyl-	170	C13H14	002765-18-6	93
2	1-But-3-enylnaphthalene	182	C14H14	002489-88-5	53
3	Naphthalene, 1-hexyl-	212	C16H20	002876-53-1	50
4	1-Ethanone, 1-[3-methoxy-4-(1-na...	306	C20H18O3	1000338-31-5	50
5	Naphthalene, 2-(bromomethyl)-	220	C11H9Br	000939-26-4	50





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Data File : VW017191.D
Acq On : 12 Nov 2020 17:42
Operator : SY/VA
Sample : VIBLK05
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK05

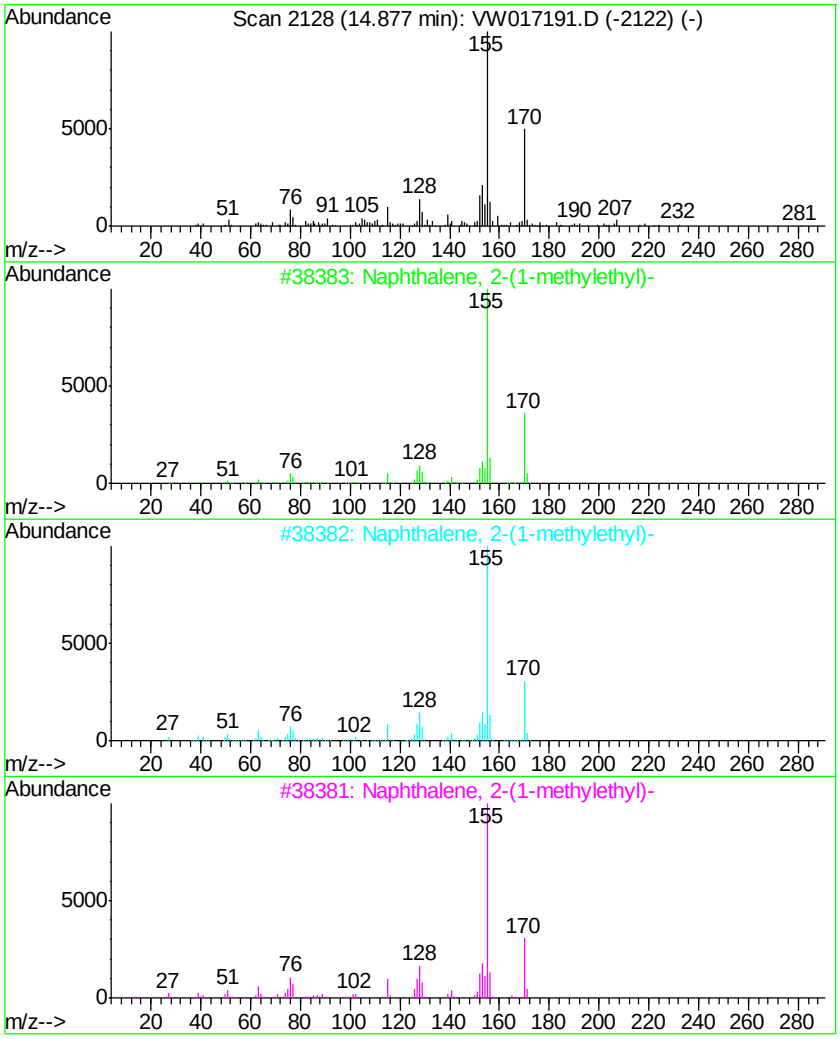
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

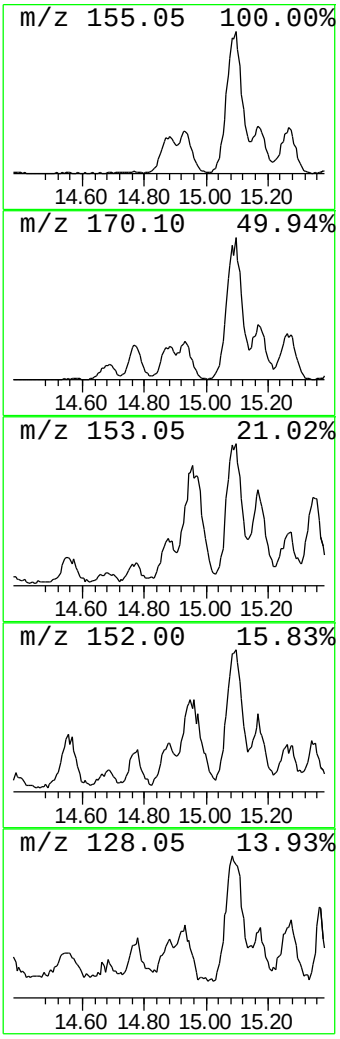
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Ethanone, 1-(5-chloro-2-hyd... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	2.36 ug/L	110212	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	94
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
3	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
4	Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	80
5	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	74





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111220\
Data File : VW017191.D
Acq On : 12 Nov 2020 17:42
Operator : SY/VA
Sample : VIBLK05
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

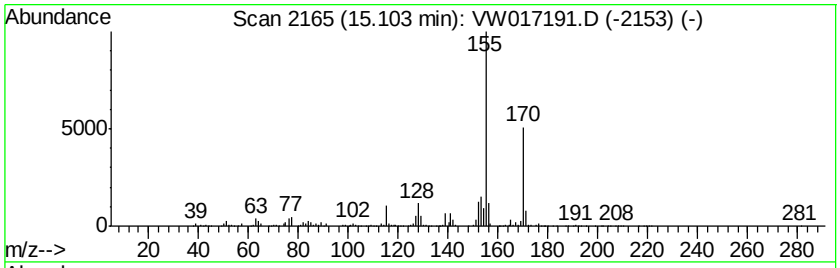
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

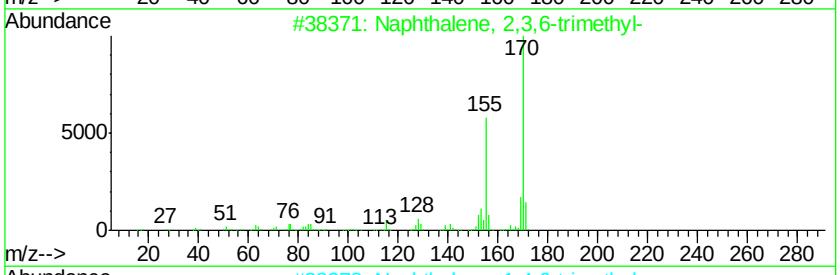
****

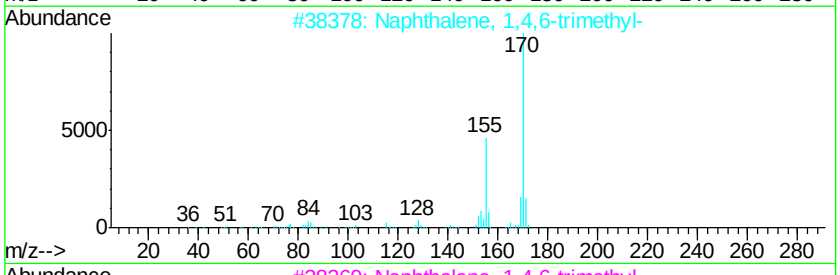
Peak Number 17 Naphthalene, 2,3,6-trimethyl- Concentration Rank 5

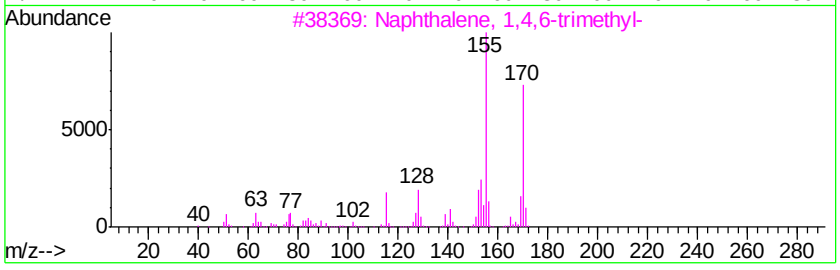
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	14.60 ug/L	680466	1,4-Dichlorobenzene-d4	13.56

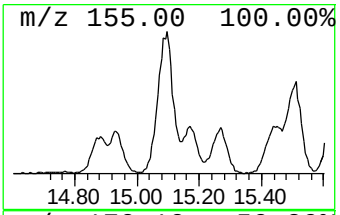
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
4	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91

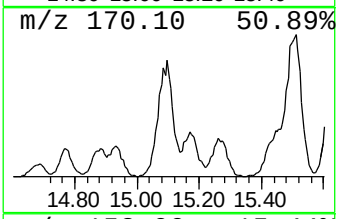


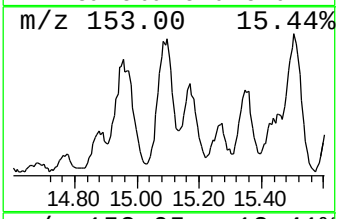


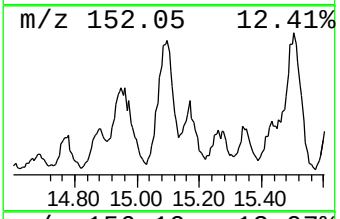


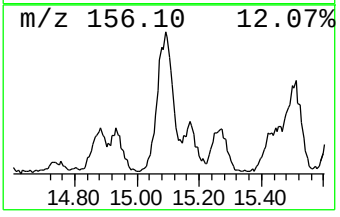












Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111220\
Data File : VW017191.D
Acq On : 12 Nov 2020 17:42
Operator : SY/VA
Sample : VIBLK05
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK05

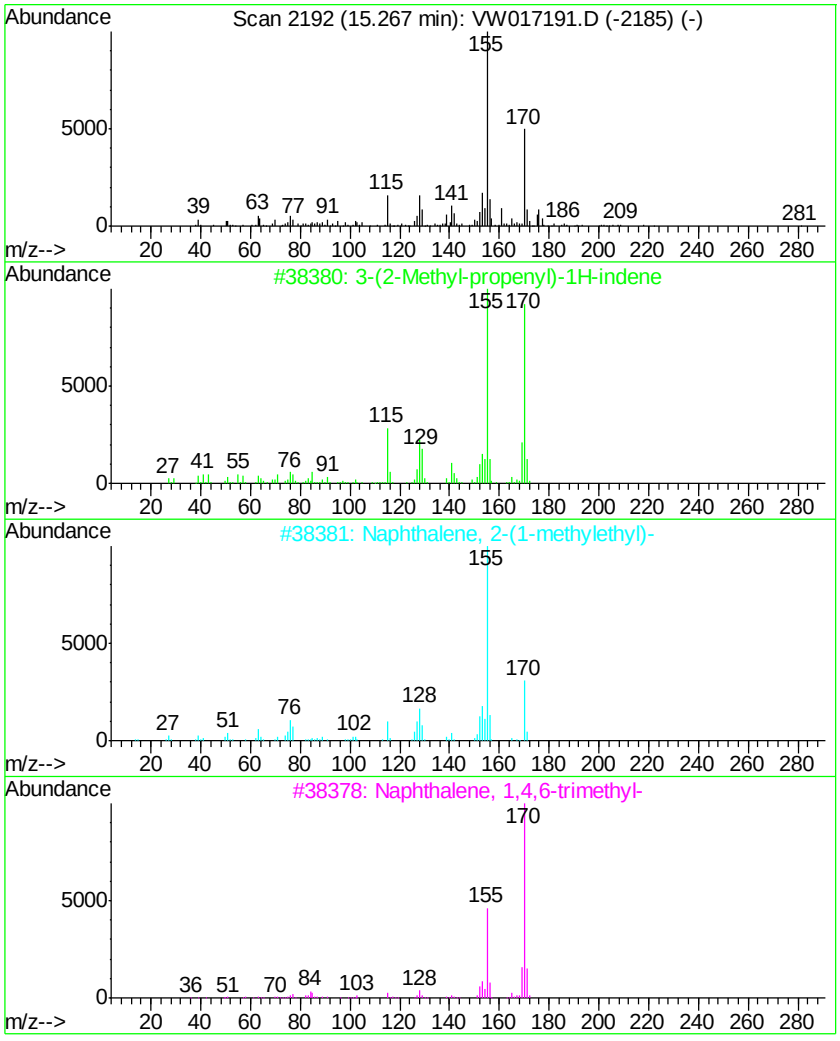
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

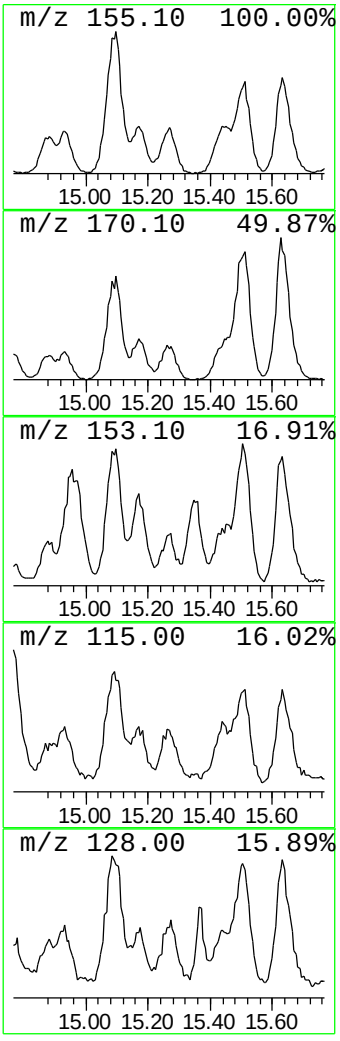
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 3-(2-Methyl-propenyl)-1H-in... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	3.56 ug/L	165882	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	90
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	90
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87





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Data File : VW017191.D
Acq On : 12 Nov 2020 17:42
Operator : SY/VA
Sample : VIBLK05
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK05

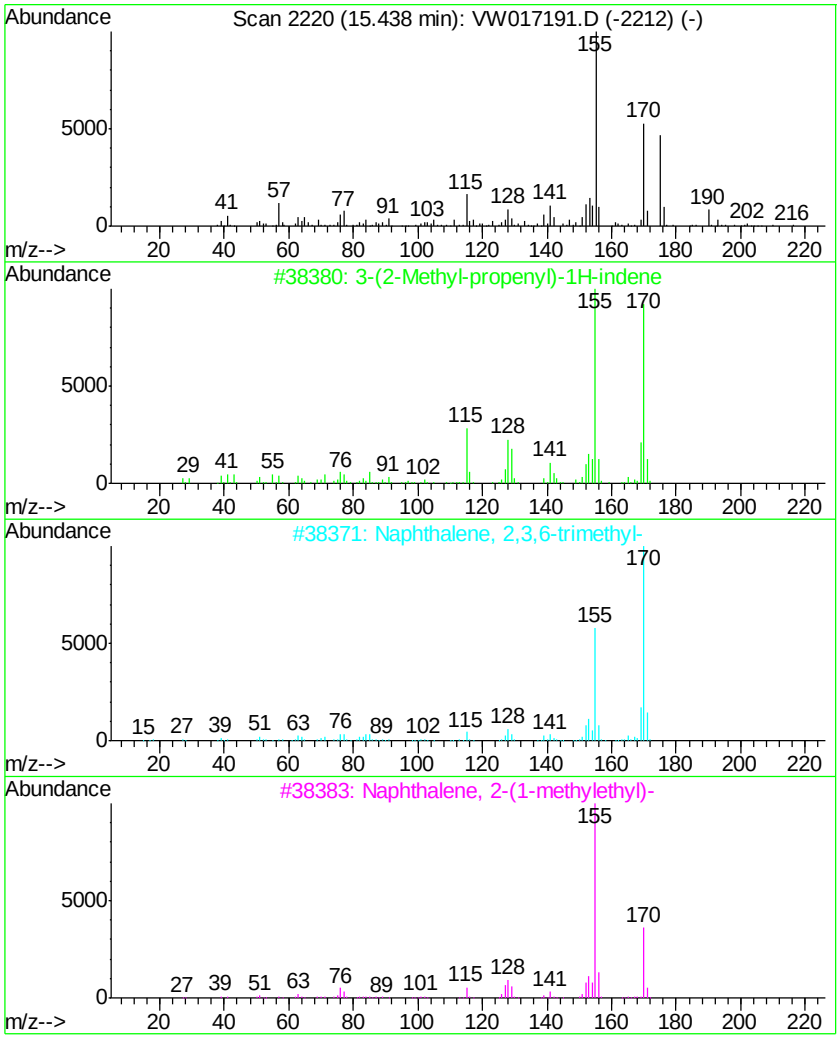
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

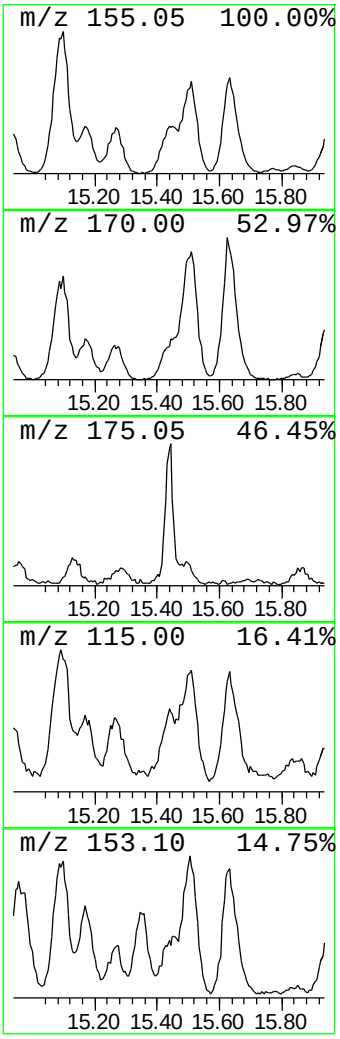
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Naphthalene, 2-(1-methyleth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	4.93 ug/L	230035	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	76
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	70
3	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	62
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	55
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	55





Library Search Compound Report

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Data File : VW017191.D
Acq On : 12 Nov 2020 17:42
Operator : SY/VA
Sample : VIBLK05
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

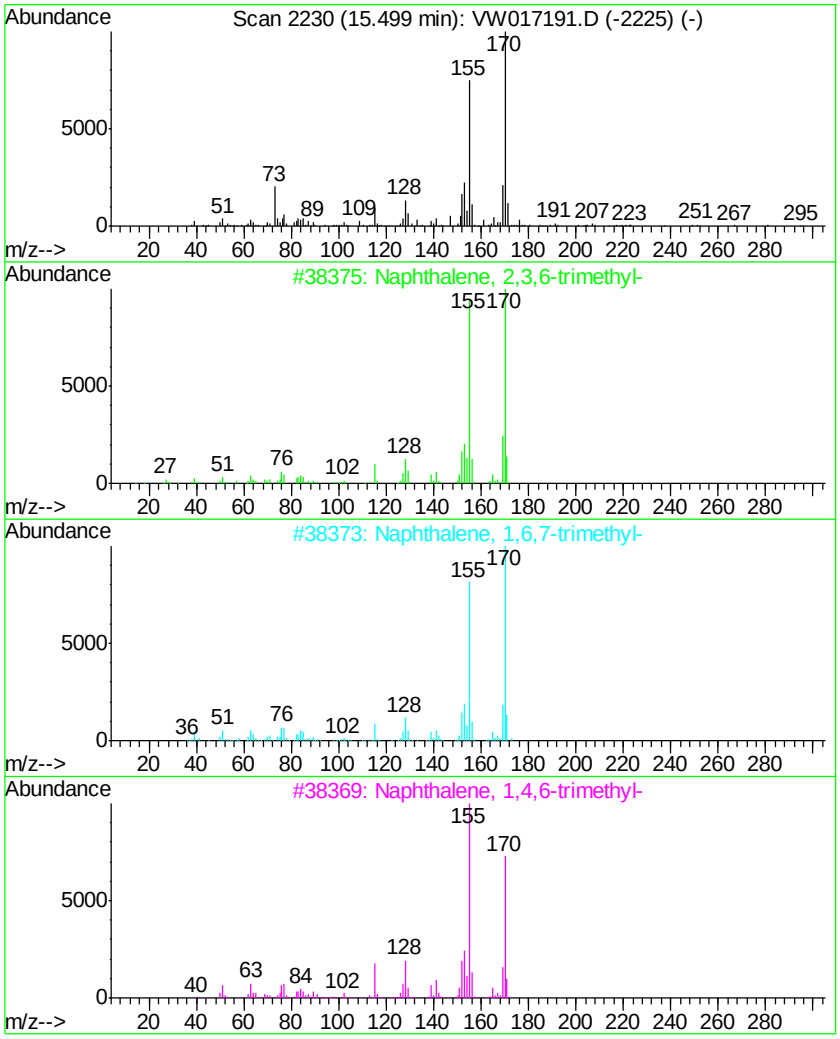
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

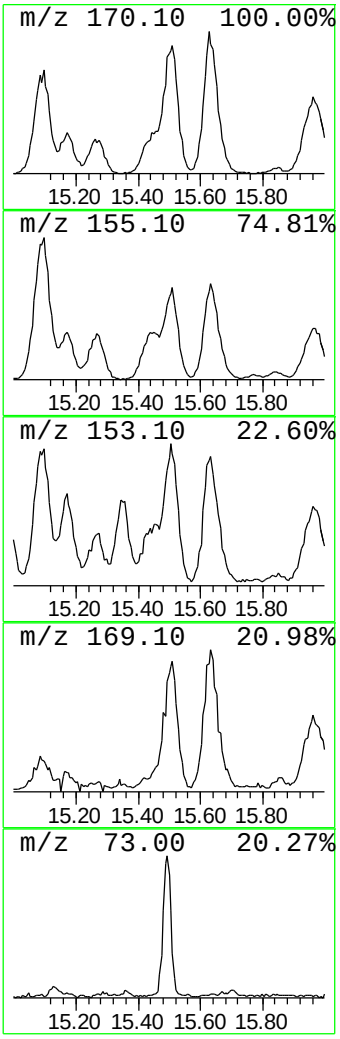
****

Peak Number 20 Naphthalene, 1,6,7-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	12.78 ug/L	595552	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91





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Data File : VW017191.D
Acq On : 12 Nov 2020 17:42
Operator : SY/VA
Sample : VIBLK05
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

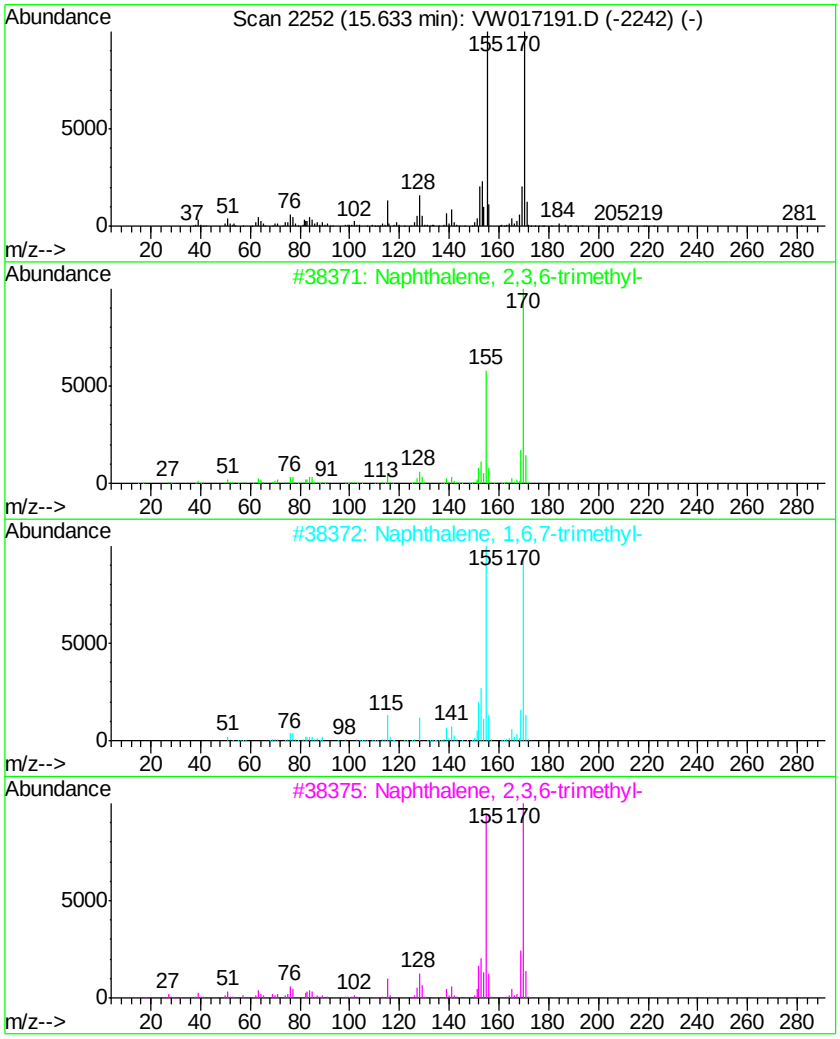
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

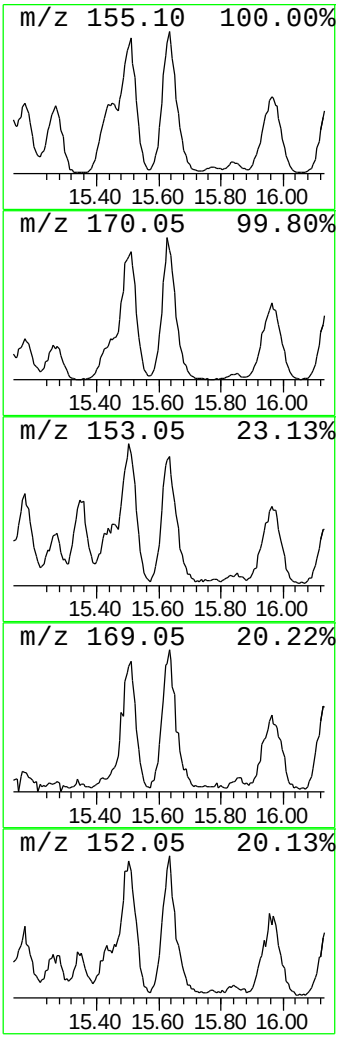
****

Peak Number 21 Naphthalene, 1,4,6-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	13.03 ug/L	607380	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111220\
Data File : VW017191.D
Acq On : 12 Nov 2020 17:42
Operator : SY/VA
Sample : VIBLK05
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

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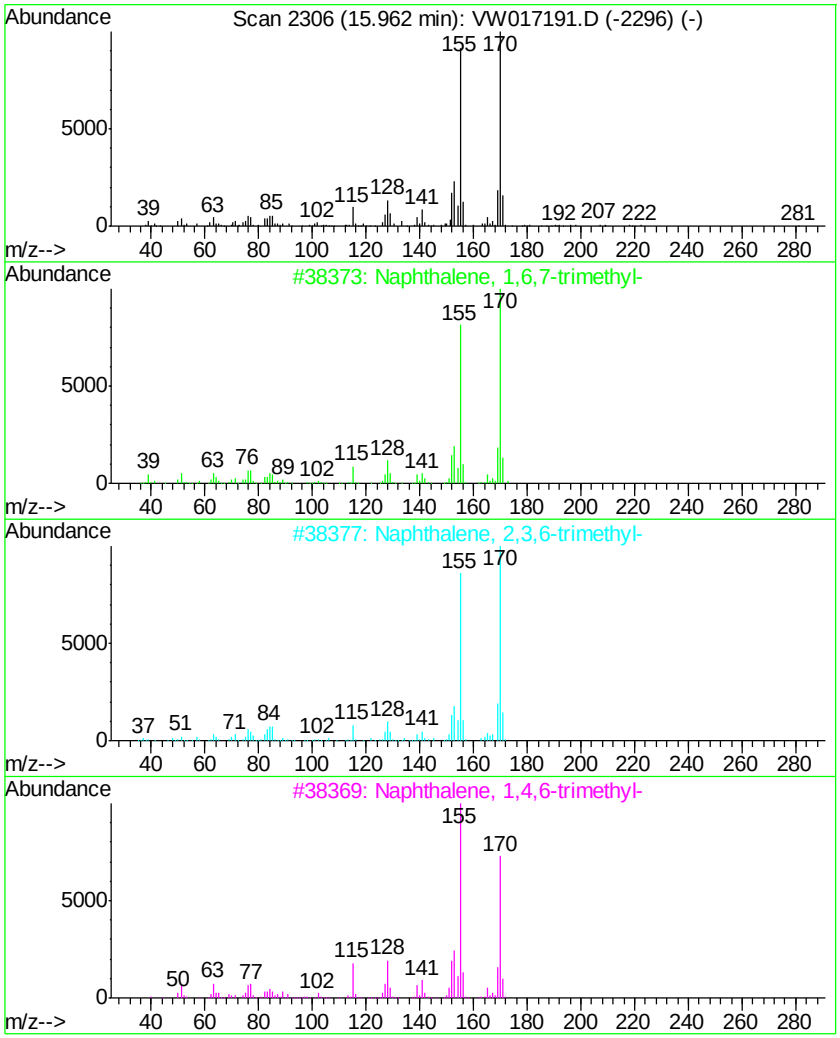
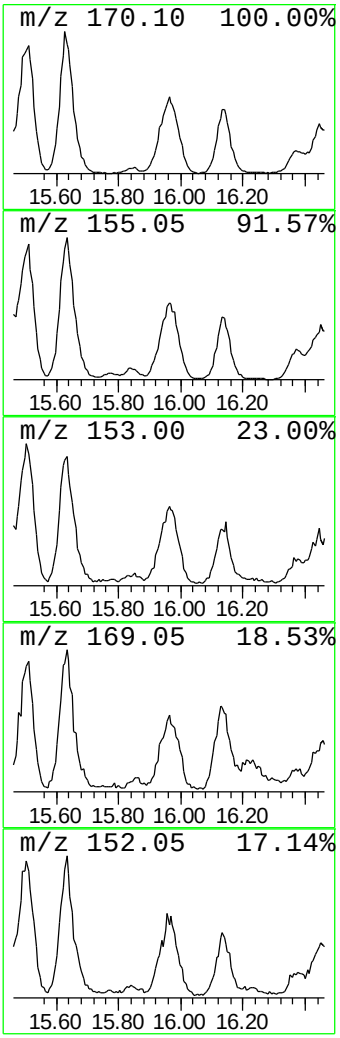
Peak Number 22 unknown-03 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	9.24 ug/L	430612	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111220\
Data File : VW017191.D
Acq On : 12 Nov 2020 17:42
Operator : SY/VA
Sample : VIBLK05
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

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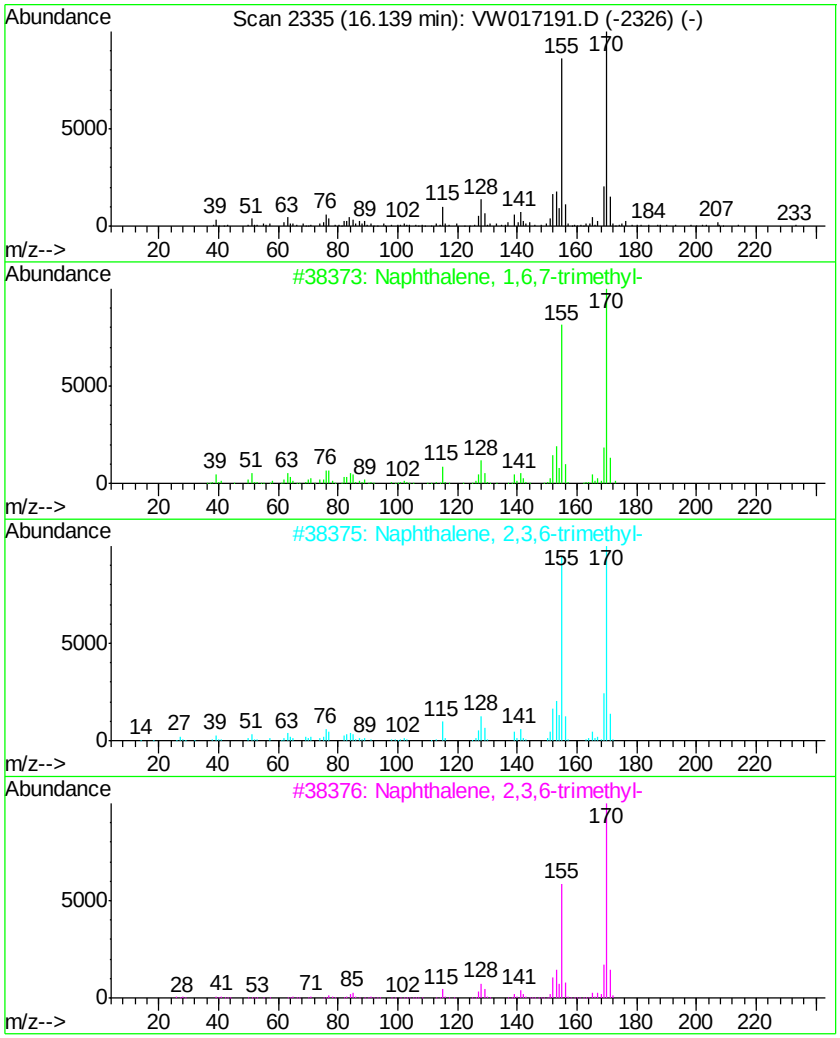
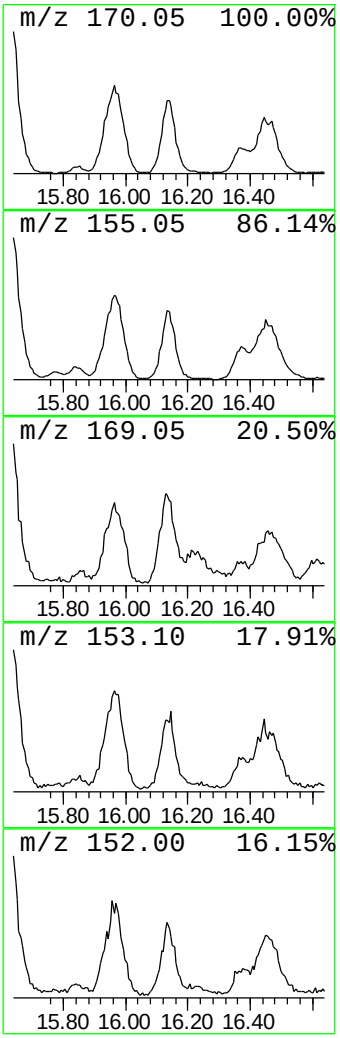
Peak Number 23 unknown-04 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	5.74 ug/L	267629	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111220\
Data File : VW017191.D
Acq On : 12 Nov 2020 17:42
Operator : SY/VA
Sample : VIBLK05
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

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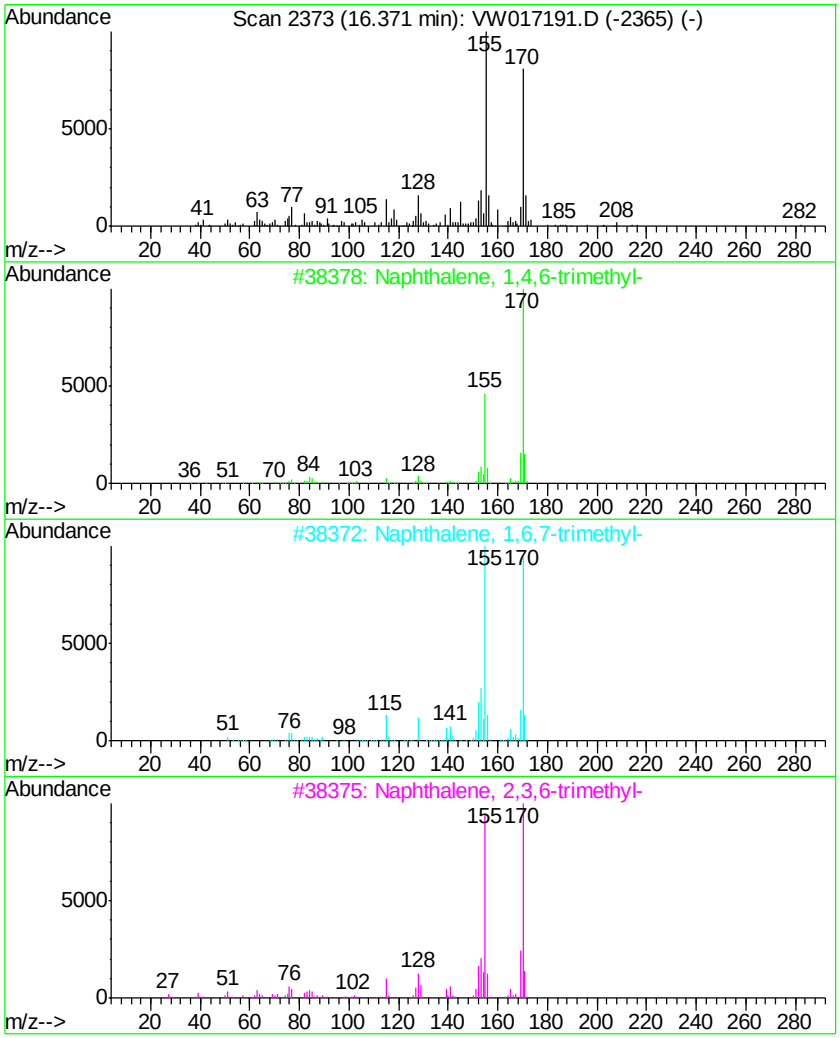
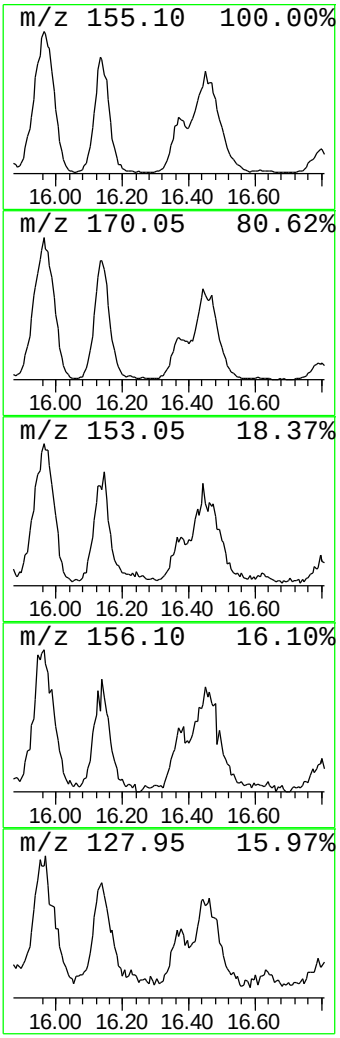
Peak Number 24 4,6,8-Trimethylazulene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	2.32 ug/L	108242	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	86
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	80





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111220\
Data File : VW017191.D
Acq On : 12 Nov 2020 17:42
Operator : SY/VA
Sample : VIBLK05
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

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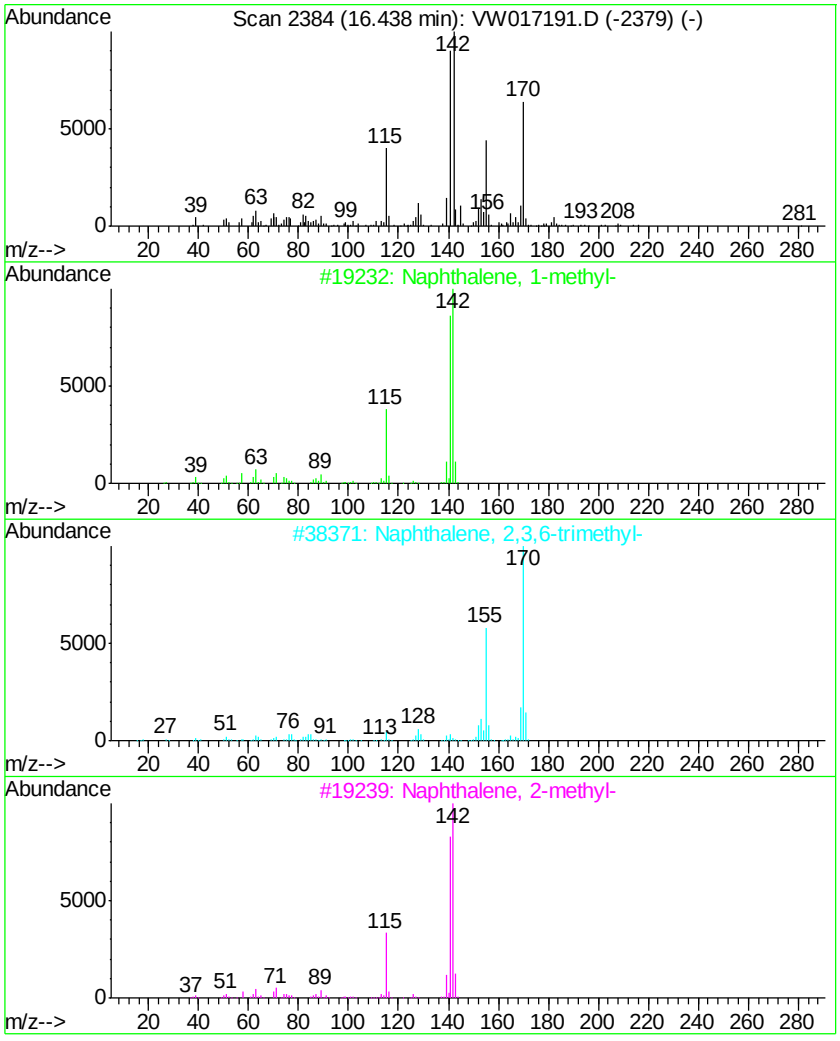
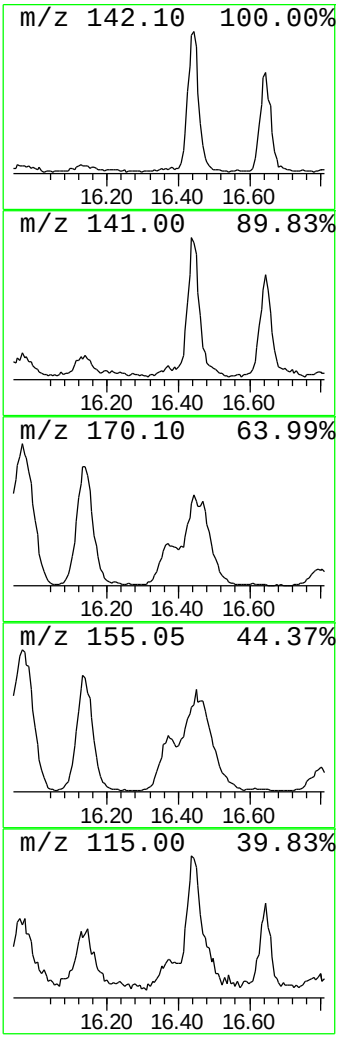
Peak Number 25 Naphthalene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	8.87 ug/L	413663	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	89
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	83
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	64
4	1,2,3,4-Tetrahydrofluorene	170	C13H14	017057-95-3	52
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	50





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111220\
Data File : VW017191.D
Acq On : 12 Nov 2020 17:42
Operator : SY/VA
Sample : VIBLK05
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

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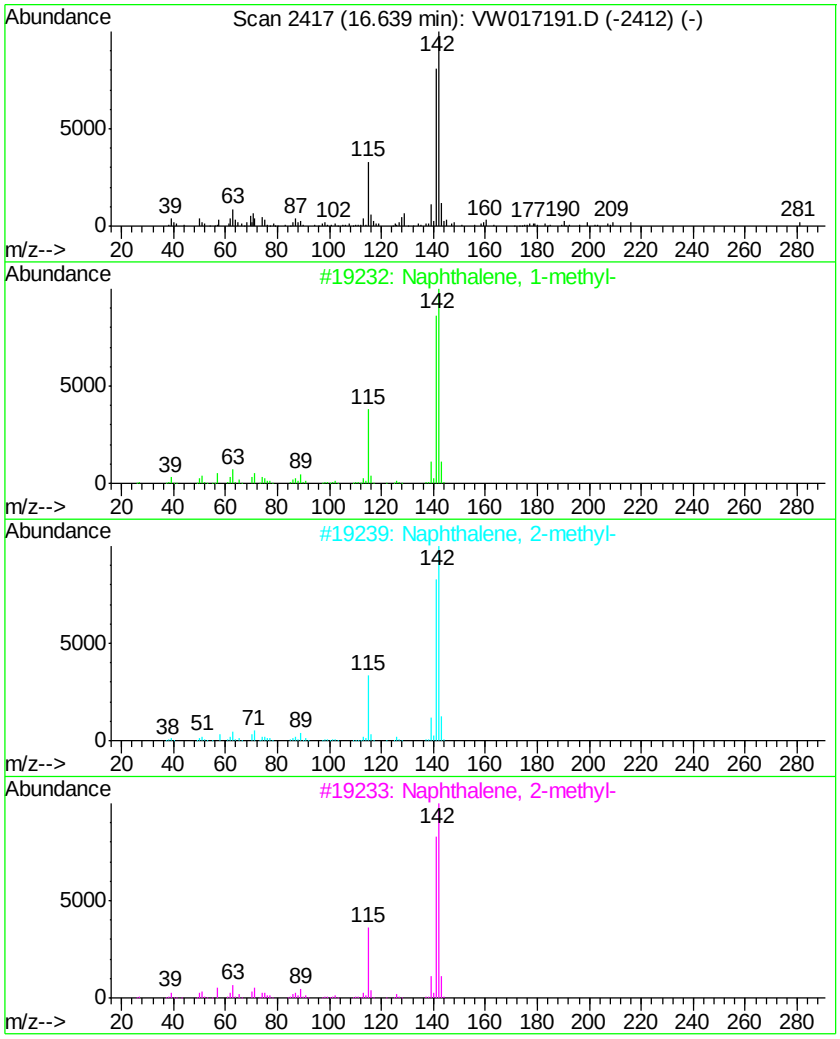
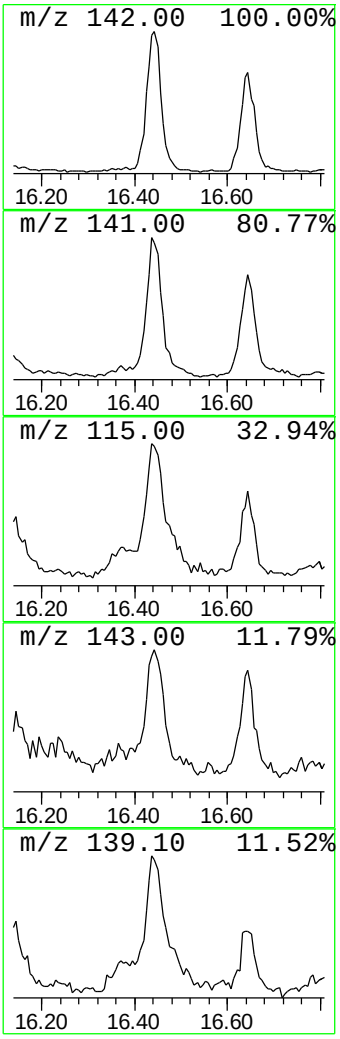
Peak Number 26 Naphthalene, 2-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	2.11 ug/L	98372	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	90
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111220\
Data File : VW017191.D
Acq On : 12 Nov 2020 17:42
Operator : SY/VA
Sample : VIBLK05
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK05

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.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	11.07	2.0	ug/L	94054	2	11.63	1154540	25.0
Naphthalene, 1-et...	12.44	10.3	ug/L	475980	2	11.63	1154540	25.0
Naphthalene, 2,6-...	12.91	39.1	ug/L	1822630	3	13.56	1165450	25.0
unknown-02	13.34	89.3	ug/L	4163750	3	13.56	1165450	25.0
Naphthalene, 2,7-...	13.47	44.1	ug/L	2058310	3	13.56	1165450	25.0
Naphthalene, 1,4-...	13.97	21.2	ug/L	989490	3	13.56	1165450	25.0
Naphthalene, 2,3-...	14.31	10.5	ug/L	491227	3	13.56	1165450	25.0
1,1'-Biphenyl, 3-...	14.55	3.0	ug/L	140498	3	13.56	1165450	25.0
Naphthalene, 1-pr...	14.77	4.3	ug/L	199301	3	13.56	1165450	25.0
Ethanone, 1-(5-ch...	14.88	2.4	ug/L	110212	3	13.56	1165450	25.0
Naphthalene, 2,3,...	15.10	14.6	ug/L	680466	3	13.56	1165450	25.0
3-(2-Methyl-prope...	15.27	3.6	ug/L	165882	3	13.56	1165450	25.0
Naphthalene, 2-(1...	15.44	4.9	ug/L	230035	3	13.56	1165450	25.0
Naphthalene, 1,6,...	15.50	12.8	ug/L	595552	3	13.56	1165450	25.0
Naphthalene, 1,4,...	15.63	13.0	ug/L	607380	3	13.56	1165450	25.0
unknown-03	15.96	9.2	ug/L	430612	3	13.56	1165450	25.0
unknown-04	16.14	5.7	ug/L	267629	3	13.56	1165450	25.0
4,6,8-Trimethylaz...	16.37	2.3	ug/L	108242	3	13.56	1165450	25.0
Naphthalene, 1-me...	16.44	8.9	ug/L	413663	3	13.56	1165450	25.0
Naphthalene, 2-me...	16.64	2.1	ug/L	98372	3	13.56	1165450	25.0