LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112020\
Data File : VW017421.D
Acq On : 20 Nov 2020 16:46
Operator : SY/VA
Sample : VIBLK11
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK11

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\SOM2WLM111820S.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	2.154	36	41	44	rBV2	1218	2234	0.11%	0.014%
2	2.209	44	50	54	rBV8	1707	3987	0.20%	0.025%
3	2.282	60	62	63	rVB2	670	291	0.01%	0.002%
4	2.312	63	67	68	rBV3	878	1317	0.06%	0.008%
5	2.355	68	74	86	rVV	90962	171841	8.44%	1.088%
6	2.434	86	87	91	rVB4	1050	996	0.05%	0.006%
7	2.666	118	125	132	rBV7	2884	10014	0.49%	0.063%
8	2.715	132	133	138	rVB5	1996	2204	0.11%	0.014%
9	2.891	151	162	175	rBV	64003	161190	7.91%	1.021%
10	3.032	183	185	190	rVB4	997	1031	0.05%	0.007%
11	3.093	193	195	196	rBV2	937	561	0.03%	0.004%
12	3.111	196	198	200	rVB3	792	540	0.03%	0.003%
13	3.190	210	211	214	rVB	264	209	0.01%	0.001%
14	3.227	214	217	218	rVV	308	229	0.01%	0.001%
15	3.245	218	220	222	rVV2	244	250	0.01%	0.002%
16	3.269	222	224	228	rVB2	499	529	0.03%	0.003%
17	3.306	228	230	233	rBV2	280	334	0.02%	0.002%
18	3.391	238	244	247	rBV4	1055	2074	0.10%	0.013%
19	3.550	267	270	271	rVV	396	438	0.02%	0.003%
20	3.574	271	274	275	rVV	311	326	0.02%	0.002%
21	3.599	275	278	280	rVV2	332	398	0.02%	0.003%
22	3.617	280	281	287	rVB	354	267	0.01%	0.002%
23	3.922	328	331	333	rBV2	198	231	0.01%	0.001%
24	4.019	336	347	372	rVV	139046	424864	20.86%	2.691%
25	4.348	398	401	403	rBV2	274	348	0.02%	0.002%
26	4.403	403	410	421	rBV2	4554	15340	0.75%	0.097%
27	4.476	421	422	427	rVV2	421	484	0.02%	0.003%
28	4.580	435	439	441	rBV2	177	256	0.01%	0.002%
29	4.922	483	495	513	rBV3	9884	36444	1.79%	0.231%
30	5.123	522	528	529	rBV2	510	706	0.03%	0.004%
31	5.141	529	531	532	rBV	301	227	0.01%	0.001%
32	5.190	538	539	545	rVB3	535	390	0.02%	0.002%
33	5.324	559	561	566	rBV2	149	236	0.01%	0.001%
34	5.415	574	576	580	rVB3	155	224	0.01%	0.001%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112020\
Data File : VW017421.D
Acq On : 20 Nov 2020 16:46
Operator : SY/VA
Sample : VIBLK11
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK11

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\SOM2WLM111820S.M
Title : VOC Analysis

35	5.751	626	631	632	rBV4	361	565	0.03%	0.004%
36	5.769	632	634	636	rVB2	301	212	0.01%	0.001%
37	5.860	644	649	653	rVB2	240	352	0.02%	0.002%
38	5.952	653	664	672	rVB5	3169	10188	0.50%	0.065%
39	6.092	686	687	692	rVB	219	227	0.01%	0.001%
40	6.141	692	695	696	rBV	296	223	0.01%	0.001%
41	6.184	700	702	706	rVB	252	234	0.01%	0.001%
42	6.251	710	713	717	rBV	269	454	0.02%	0.003%
43	6.299	719	721	724	rVB2	259	270	0.01%	0.002%
44	6.921	819	823	824	rBV2	488	679	0.03%	0.004%
45	6.946	826	827	829	rVB	323	214	0.01%	0.001%
46	6.994	833	835	839	rVB3	309	339	0.02%	0.002%
47	7.080	839	849	854	rBV2	27738	78011	3.83%	0.494%
48	7.135	854	858	871	rVB2	27694	76275	3.74%	0.483%
49	7.256	876	878	879	rVV2	359	325	0.02%	0.002%
50	7.281	880	882	884	rVB2	882	623	0.03%	0.004%
51	7.299	884	885	888	rBV2	504	458	0.02%	0.003%
52	7.372	896	897	900	rBV3	444	509	0.02%	0.003%
53	7.415	902	904	905	rBV2	386	393	0.02%	0.002%
54	7.482	913	915	917	rBV3	308	247	0.01%	0.002%
55	7.500	917	918	920	rVV2	548	282	0.01%	0.002%
56	7.531	920	923	924	rVV3	235	280	0.01%	0.002%
57	7.549	924	926	928	rVB3	537	404	0.02%	0.003%
58	7.653	932	943	956	rBV	208583	509673	25.02%	3.228%
59	7.769	960	962	964	rBV3	847	880	0.04%	0.006%
60	7.878	976	980	983	rBV6	762	1344	0.07%	0.009%
61	7.903	983	984	987	rBV3	697	649	0.03%	0.004%
62	7.933	987	989	990	rBV2	421	310	0.02%	0.002%
63	8.006	999	1001	1002	rBV2	550	370	0.02%	0.002%
64	8.061	1006	1010	1011	rBV4	852	1146	0.06%	0.007%
65	8.080	1011	1013	1014	rBV2	371	278	0.01%	0.002%
66	8.147	1023	1024	1025	rVB	759	278	0.01%	0.002%
67	8.275	1032	1045	1061	rBV3	448236	1379432	67.72%	8.737%
68	8.689	1110	1113	1114	rBV3	1528	1326	0.07%	0.008%
69	8.842	1129	1138	1149	rBV	395292	793407	38.95%	5.025%
70	9.274	1201	1209	1218	rBV	261538	535868	26.31%	3.394%
71	9.561	1255	1256	1260	rBV5	2227	2392	0.12%	0.015%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112020\
Data File : VW017421.D
Acq On : 20 Nov 2020 16:46
Operator : SY/VA
Sample : VIBLK11
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK11

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\SOM2WLM111820S.M
Title : VOC Analysis

72	9.896	1307	1311	1319	rVB4	10253	19108	0.94%	0.121%
73	10.036	1327	1334	1340	rBV	154945	275708	13.54%	1.746%
74	10.323	1374	1381	1391	rBV	595281	1082761	53.16%	6.858%
75	10.579	1418	1423	1430	rVB	96021	161504	7.93%	1.023%
76	10.707	1438	1444	1451	rVB	96493	182113	8.94%	1.153%
77	10.927	1475	1480	1488	rBV	116636	205400	10.08%	1.301%
78	11.067	1499	1503	1506	rBV2	23016	43895	2.15%	0.278%
79	11.439	1559	1564	1569	rBV	73128	129392	6.35%	0.820%
80	11.634	1590	1596	1604	rVB	578337	979708	48.10%	6.205%
81	12.609	1751	1756	1761	rVV2	121271	209389	10.28%	1.326%
82	12.695	1765	1770	1784	rVB	267459	562057	27.59%	3.560%
83	12.877	1794	1800	1802	rBV2	70137	153923	7.56%	0.975%
84	13.341	1863	1876	1887	rBV	434546	2036977	100.00%	12.902%
85	13.469	1890	1897	1907	rVV2	221250	901233	44.24%	5.708%
86	13.560	1907	1912	1922	rVB	604893	986115	48.41%	6.246%
87	13.853	1955	1960	1966	rBV	589096	997528	48.97%	6.318%
88	13.975	1974	1980	1990	rVB3	163189	485111	23.82%	3.073%
89	14.072	1992	1996	2009	rVB4	76539	215721	10.59%	1.366%
90	14.316	2029	2036	2057	rVB3	92049	411491	20.20%	2.606%
91	15.090	2155	2163	2171	rBV2	60890	233800	11.48%	1.481%
92	15.267	2185	2192	2200	rBV3	34655	97207	4.77%	0.616%
93	15.438	2213	2220	2223	rBV3	40442	105431	5.18%	0.668%
94	15.505	2226	2231	2241	rVB4	96333	291308	14.30%	1.845%
95	15.627	2243	2251	2265	rBV2	93567	311234	15.28%	1.971%
96	15.956	2297	2305	2321	rVB3	67777	279841	13.74%	1.772%
97	16.133	2327	2334	2335	rBV2	31133	57489	2.82%	0.364%
98	16.383	2364	2375	2378	rBV6	20548	67984	3.34%	0.431%
99	16.444	2380	2385	2386	rBV4	19220	29937	1.47%	0.190%
100	16.633	2413	2416	2426	rVB6	13668	34848	1.71%	0.221%

Sum of corrected areas: 15788340

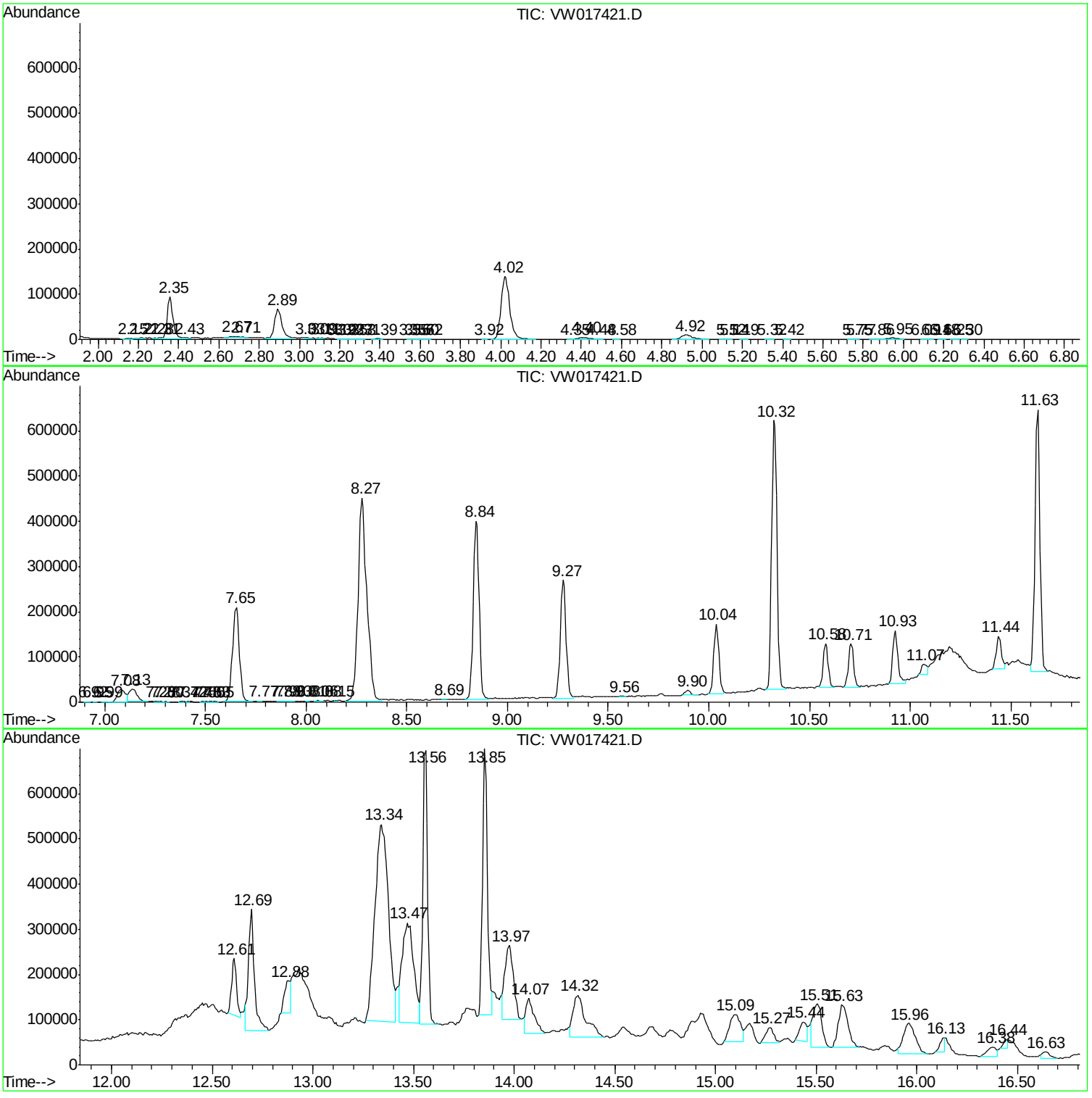
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112020\
Data File : VW017421.D
Acq On : 20 Nov 2020 16:46
Operator : SY/VA
Sample : VIBLK11
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.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\VW112020\
Data File : VW017421.D
Acq On : 20 Nov 2020 16:46
Operator : SY/VA
Sample : VIBLK11
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis

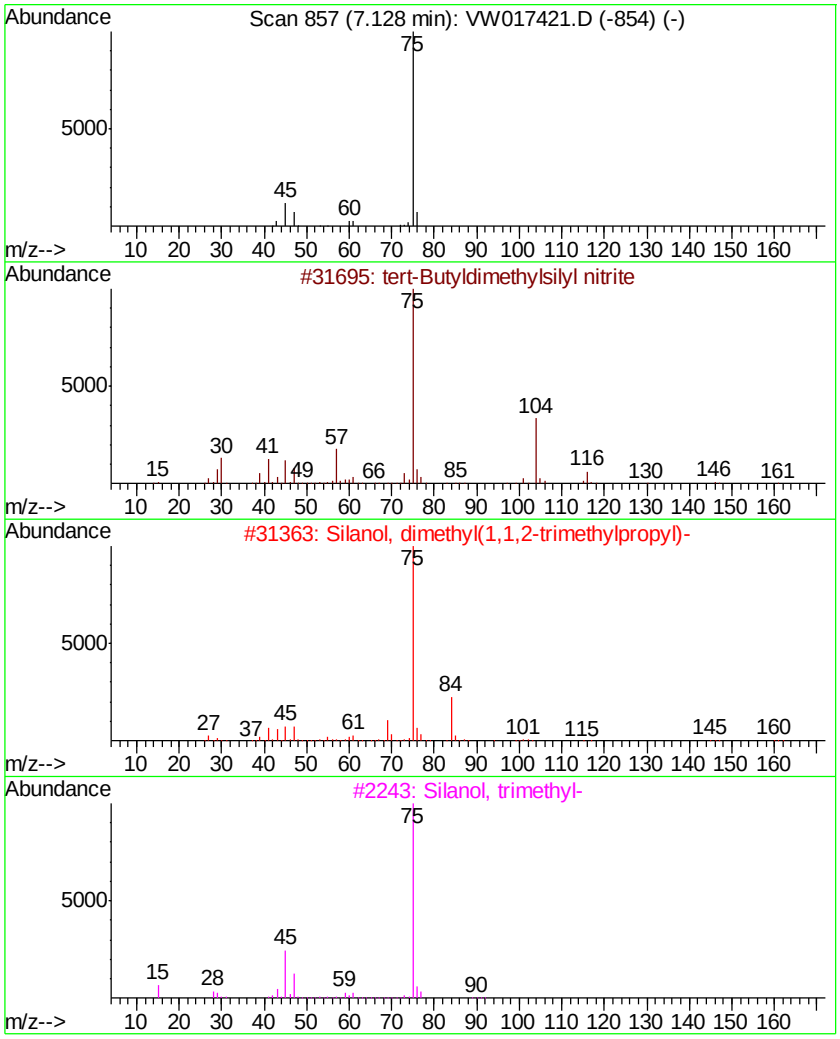
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

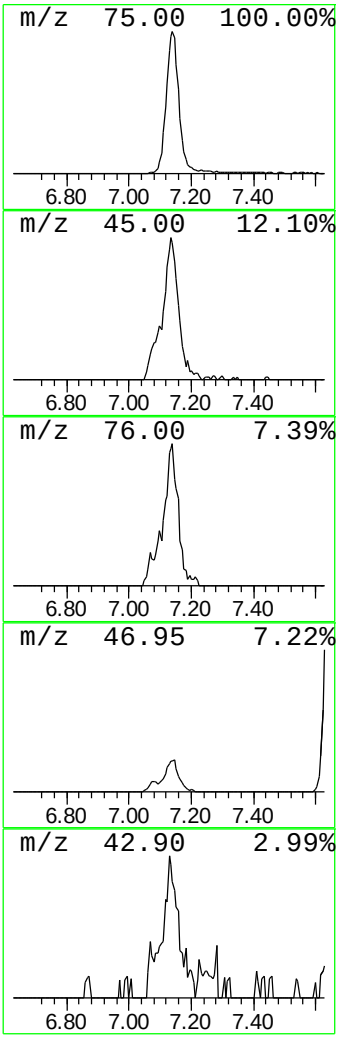
****

Peak Number 1 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	2.40 ug/L	76275	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	tert-Butyldimethylsilyl nitrite	161	C6H15NO2Si	1000366-61-8	43
2	Silanol, dimethyl(1,1,2-trimethy...	160	C8H20OSi	055644-10-5	43
3	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	9
4	Silanol, trimethyl-	90	C3H10OSi	001066-40-6	9
5	Silanol, trimethyl-, propanoate	146	C6H14O2Si	016844-98-7	9





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112020\
Data File : VW017421.D
Acq On : 20 Nov 2020 16:46
Operator : SY/VA
Sample : VIBLK11
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis

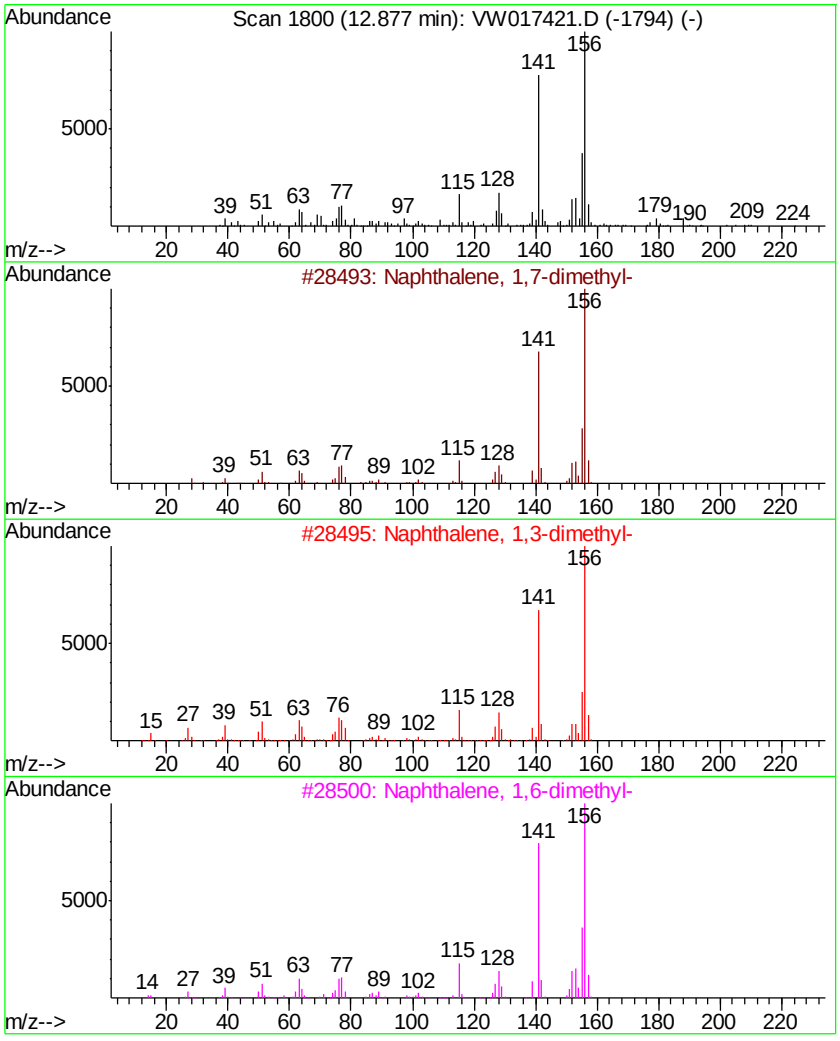
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

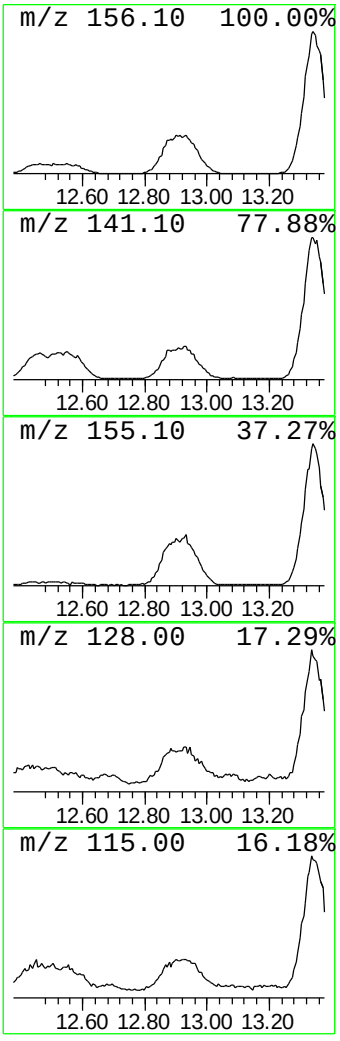
****

Peak Number 6 Naphthalene, 1,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	3.90 ug/L	153923	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	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112020\
Data File : VW017421.D
Acq On : 20 Nov 2020 16:46
Operator : SY/VA
Sample : VIBLK11
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis

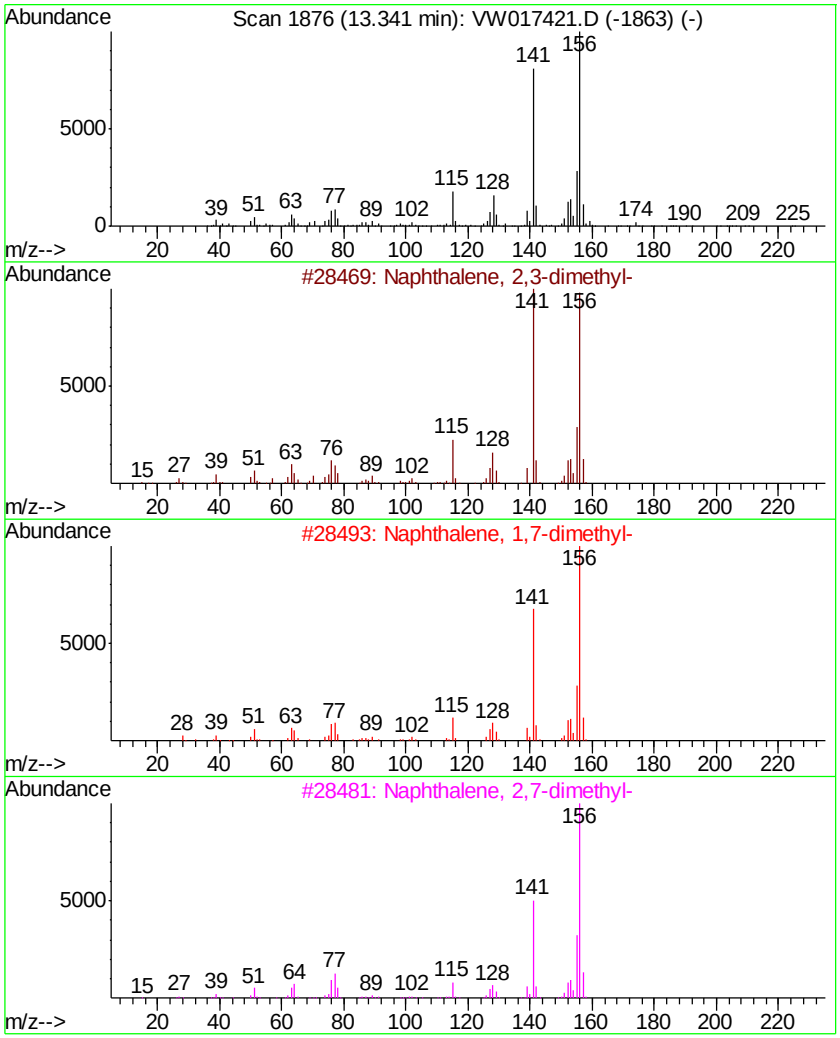
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

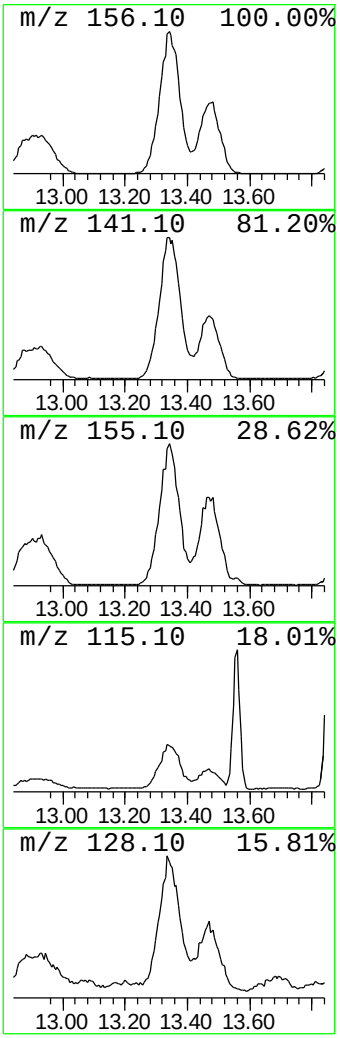
****

Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	51.64 ug/L	2036980	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, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112020\
Data File : VW017421.D
Acq On : 20 Nov 2020 16:46
Operator : SY/VA
Sample : VIBLK11
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis

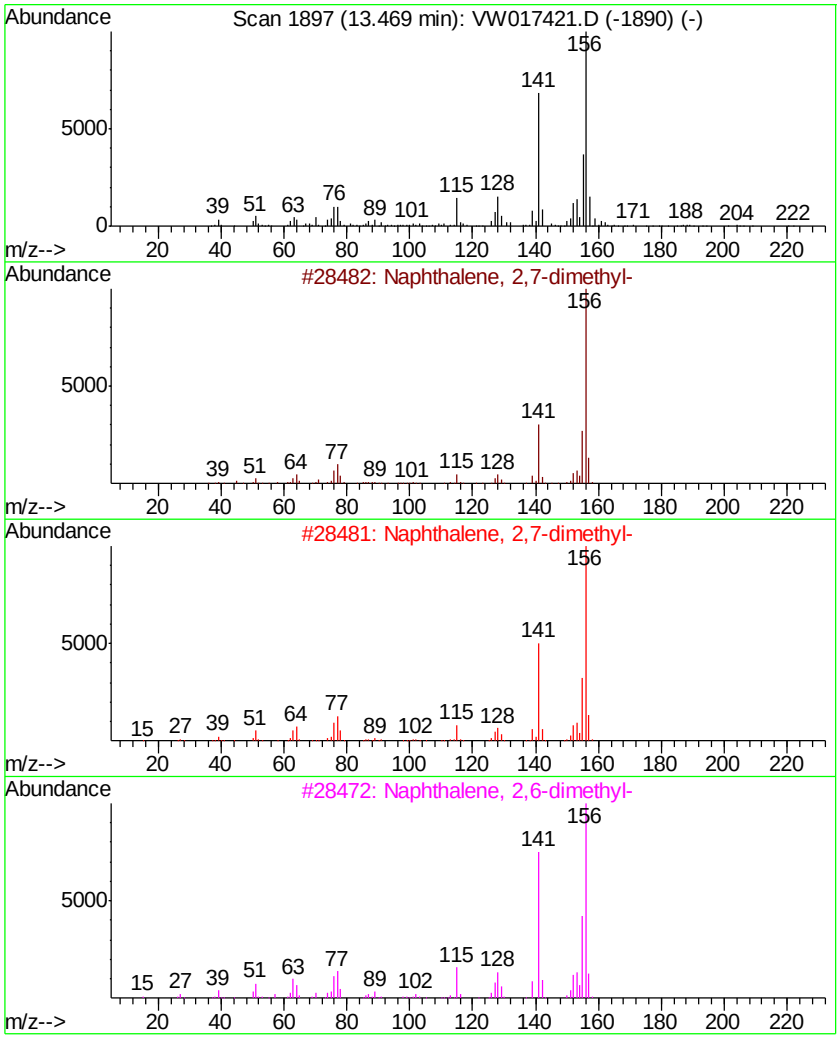
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

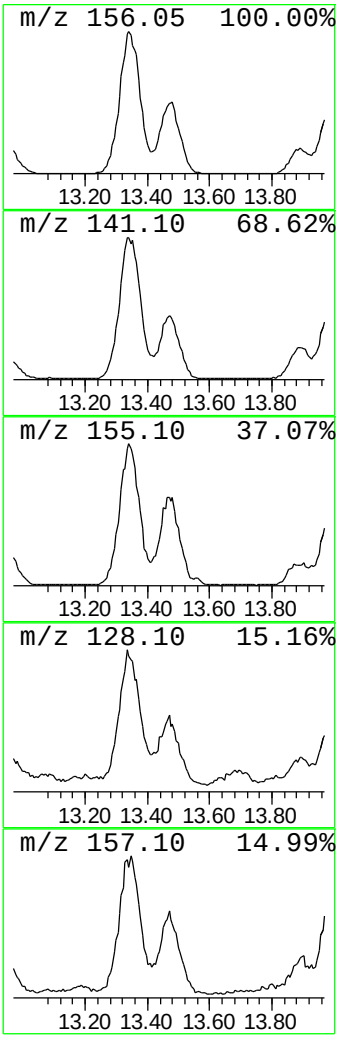
****

Peak Number 8 Naphthalene, 2,7-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	22.85 ug/L	901233	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	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112020\
Data File : VW017421.D
Acq On : 20 Nov 2020 16:46
Operator : SY/VA
Sample : VIBLK11
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK11

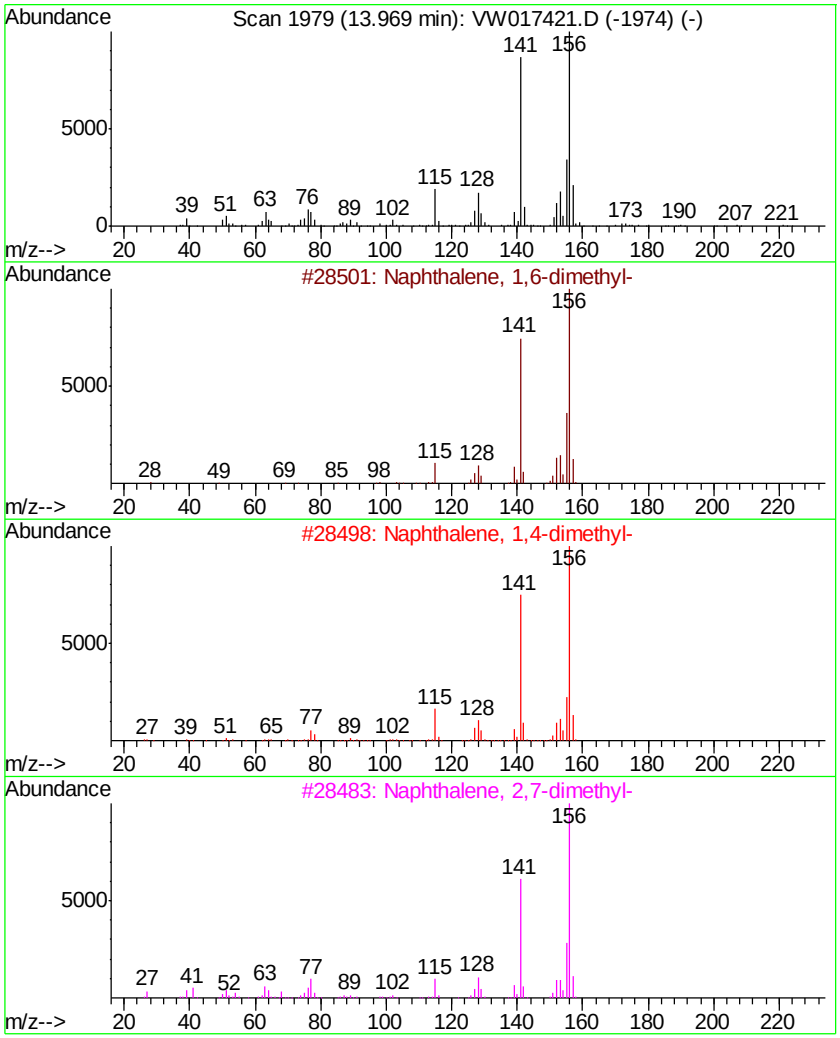
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis

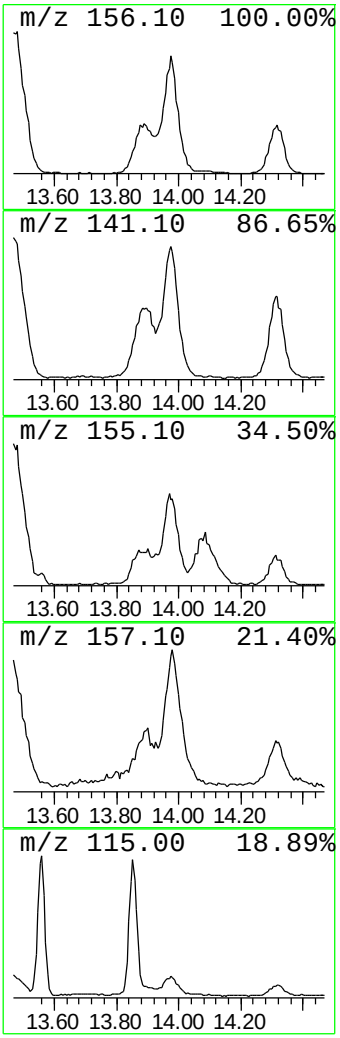
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 1,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.97	12.30 ug/L	485111	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
4	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	94
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112020\
Data File : VW017421.D
Acq On : 20 Nov 2020 16:46
Operator : SY/VA
Sample : VIBLK11
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis

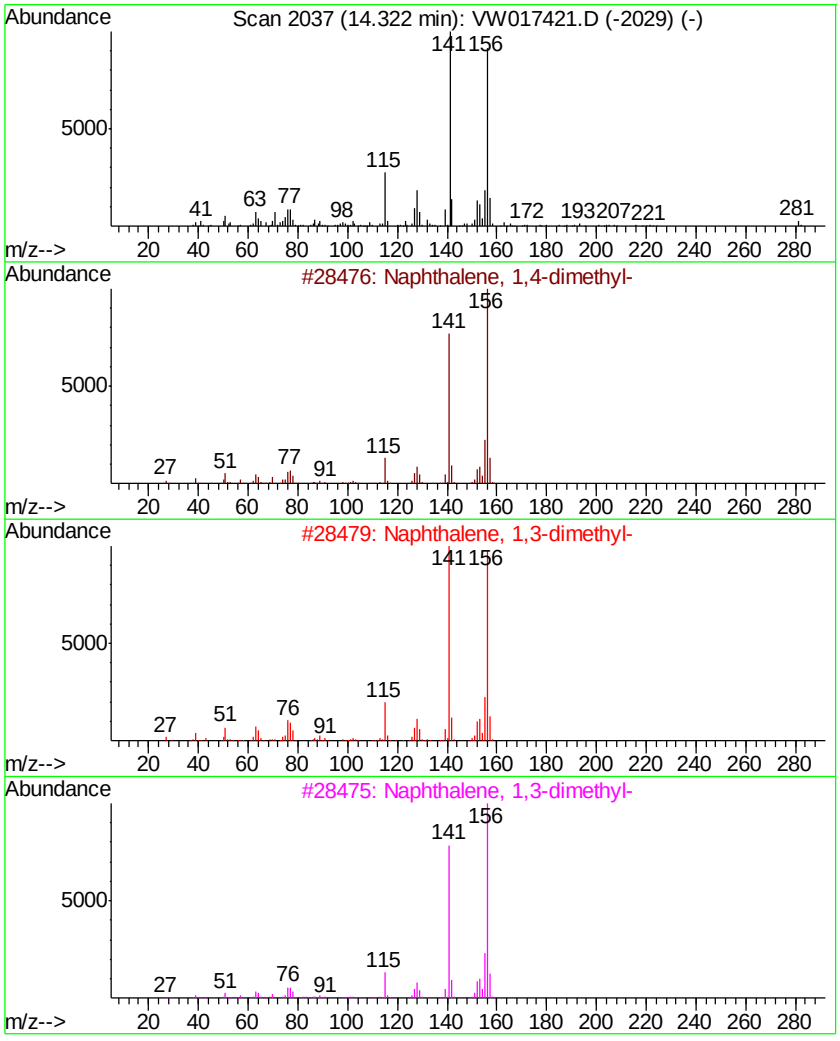
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

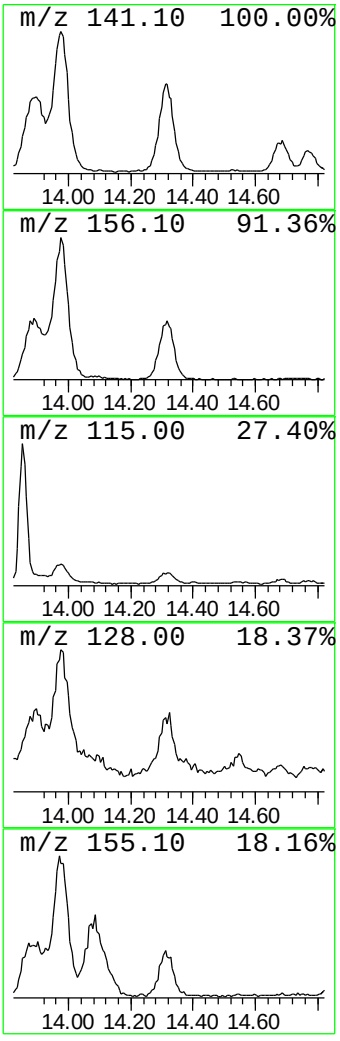
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	10.43 ug/L	411491	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, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112020\
Data File : VW017421.D
Acq On : 20 Nov 2020 16:46
Operator : SY/VA
Sample : VIBLK11
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis

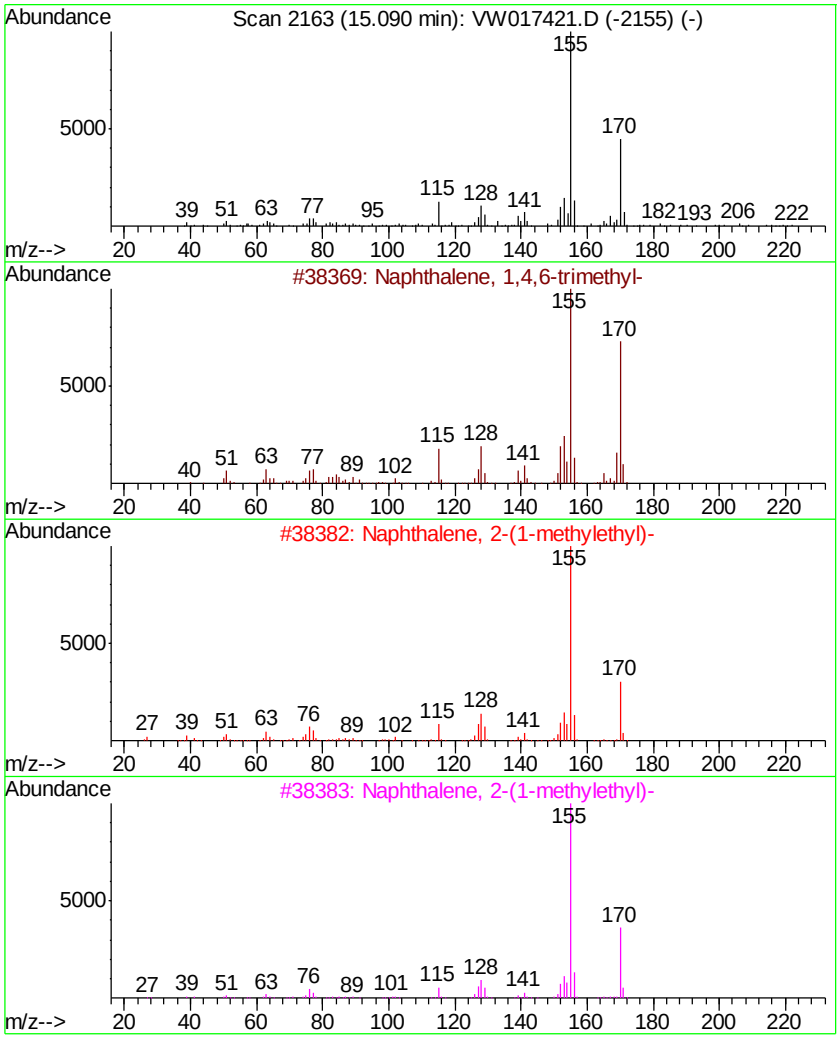
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

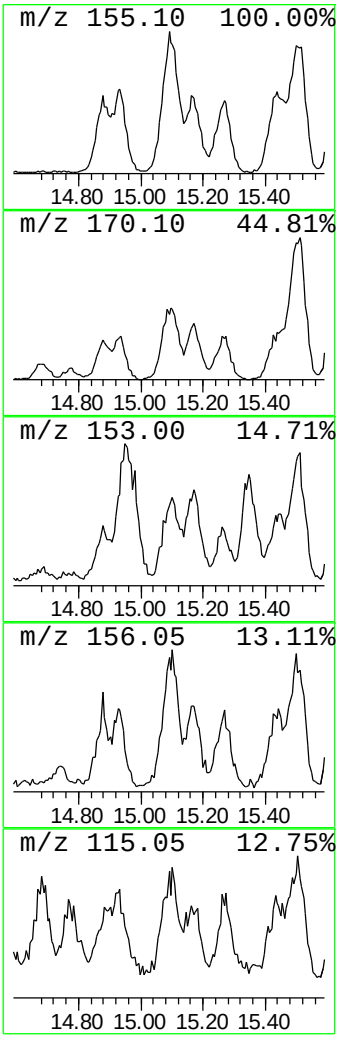
****

Peak Number 12 Naphthalene, 1,4,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	5.93 ug/L	233800	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	92
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
3	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	76
5	Ethanone, 1-(5-chloro-2-hydroxyp...	170	C8H7ClO2	001450-74-4	72





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112020\
Data File : VW017421.D
Acq On : 20 Nov 2020 16:46
Operator : SY/VA
Sample : VIBLK11
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK11

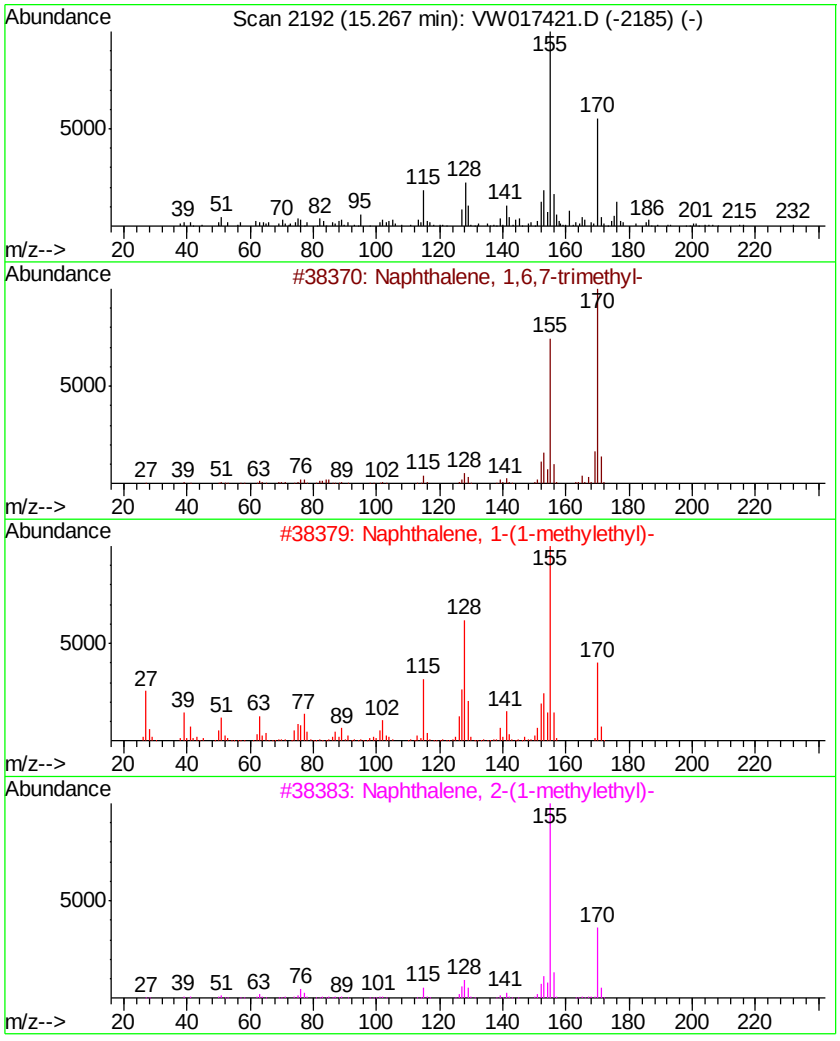
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis

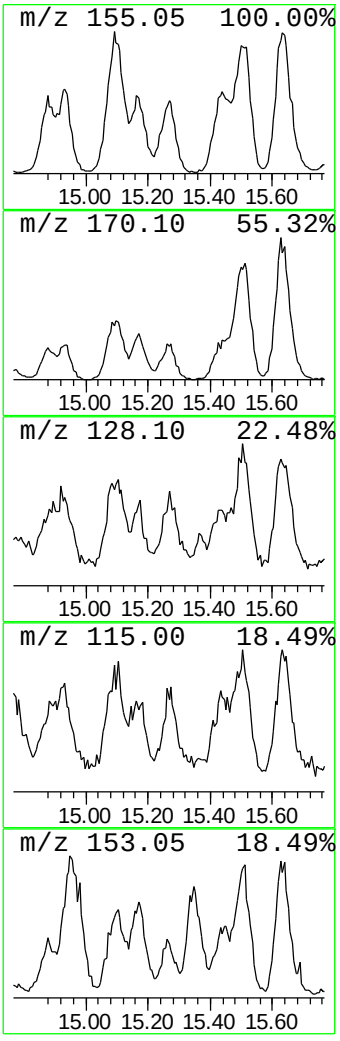
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Naphthalene, 1,6,7-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	2.46 ug/L	97207	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	87
2	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	86
3	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	80
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	72
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	72





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112020\
Data File : VW017421.D
Acq On : 20 Nov 2020 16:46
Operator : SY/VA
Sample : VIBLK11
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis

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

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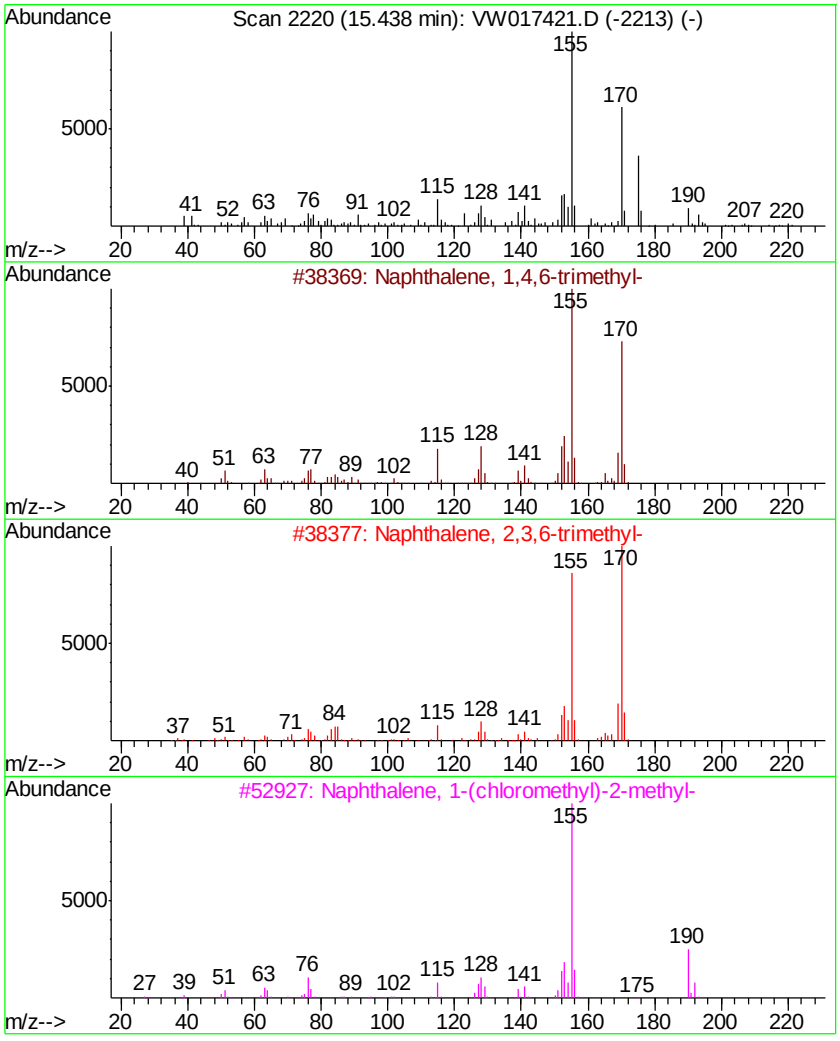
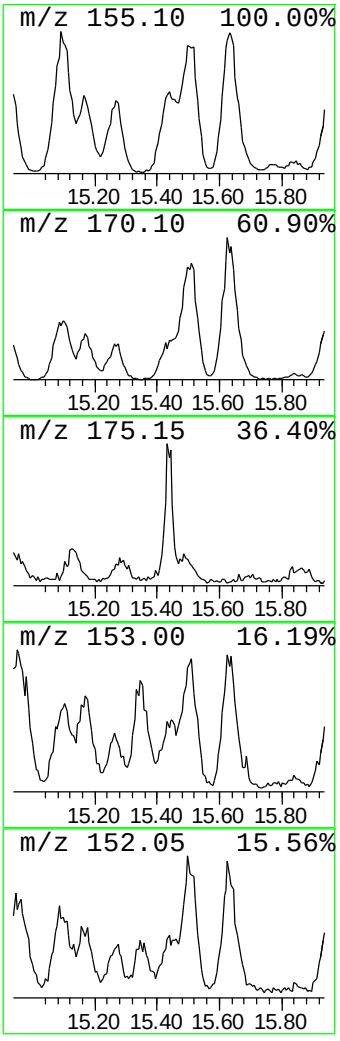
Peak Number 14 Naphthalene, 2,3,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	2.67 ug/L	105431	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	91
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
3	Naphthalene, 1-(chloromethyl)-2-...	190	C12H11Cl	006626-23-9	86
4	Naphthalene, 1-(chloromethyl)-2-...	190	C12H11Cl	006626-23-9	83
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	81





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112020\
Data File : VW017421.D
Acq On : 20 Nov 2020 16:46
Operator : SY/VA
Sample : VIBLK11
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis

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

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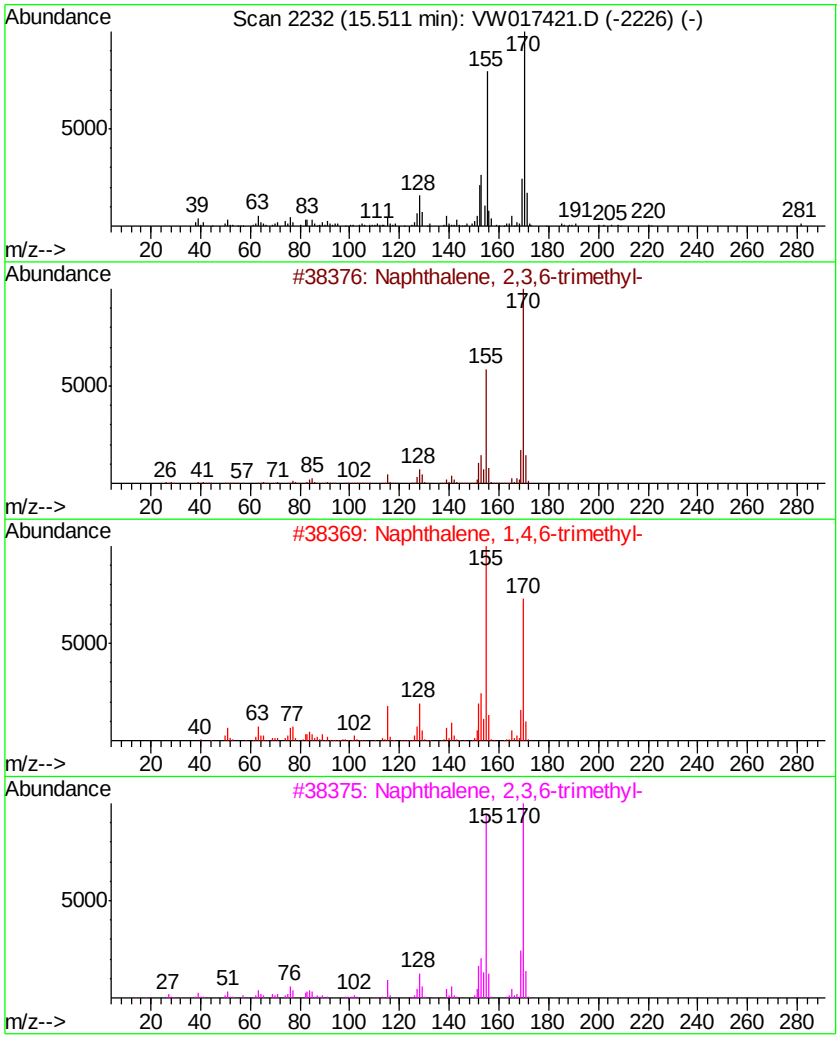
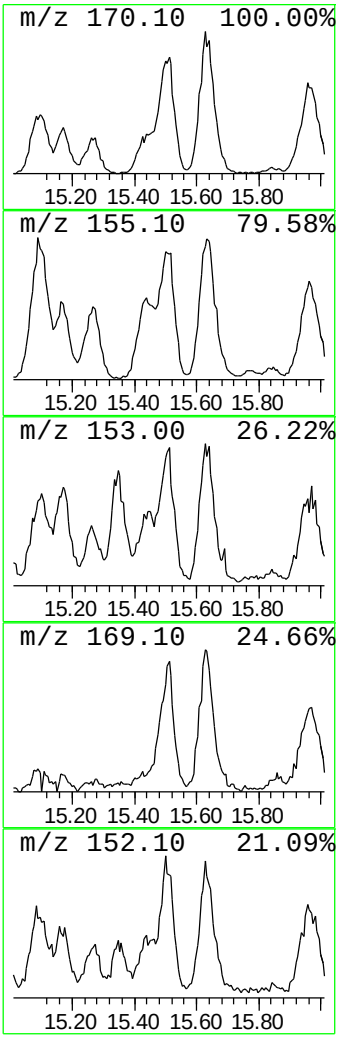
Peak Number 15 3-(2-Methyl-propenyl)-1H-in... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.51	7.39 ug/L	291308	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	87
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	87
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	83
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112020\
Data File : VW017421.D
Acq On : 20 Nov 2020 16:46
Operator : SY/VA
Sample : VIBLK11
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis

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

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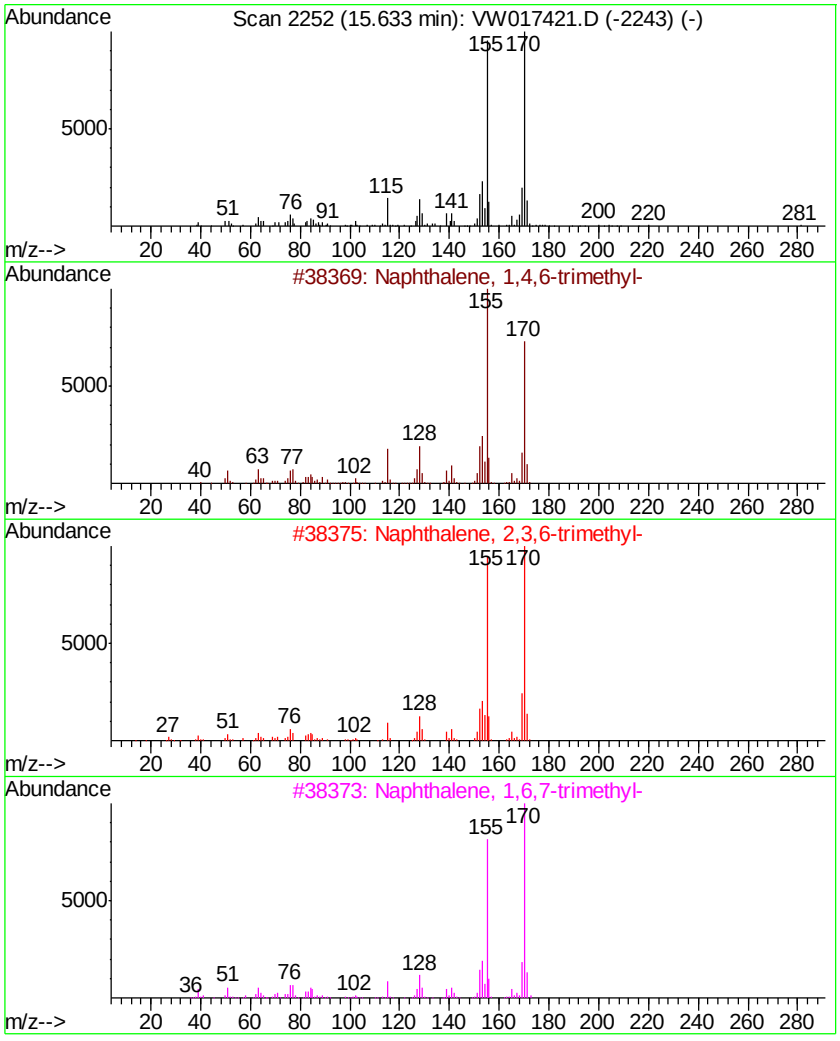
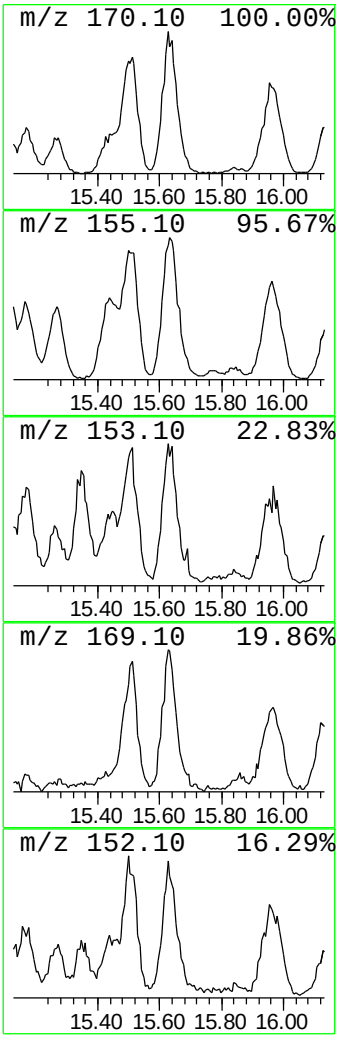
Peak Number 16 unknown-03 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.63	7.89 ug/L	311234	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	96
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112020\
Data File : VW017421.D
Acq On : 20 Nov 2020 16:46
Operator : SY/VA
Sample : VIBLK11
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis

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

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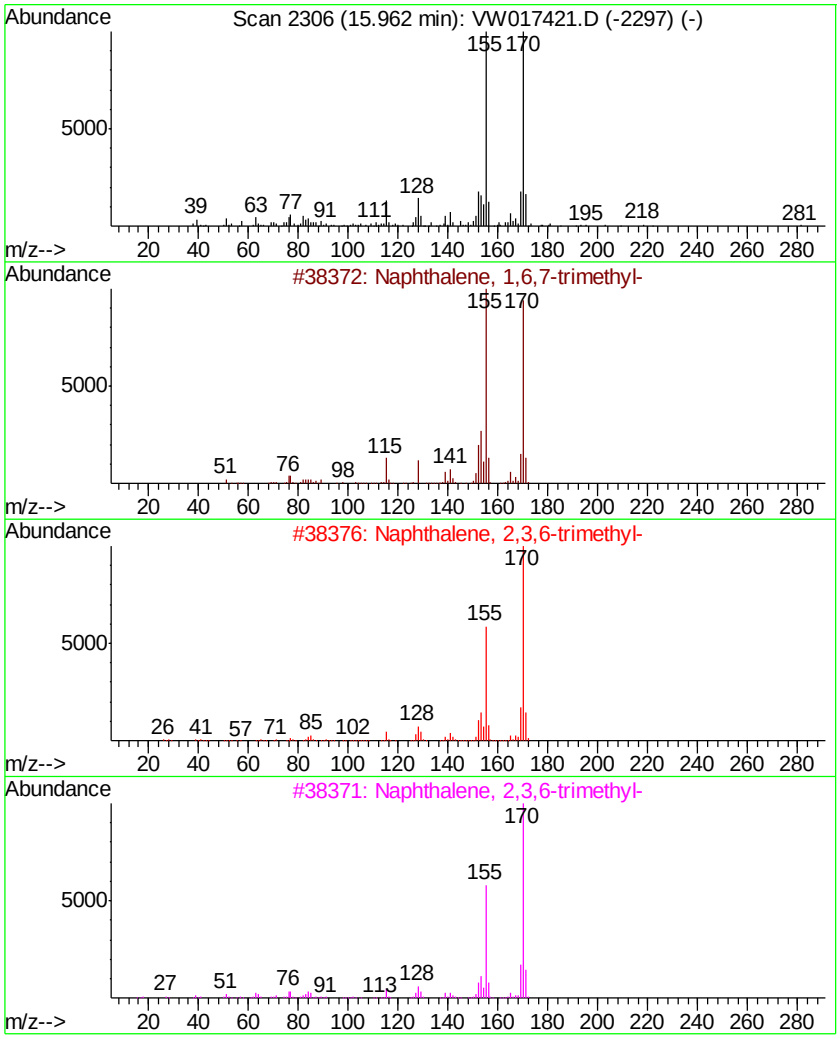
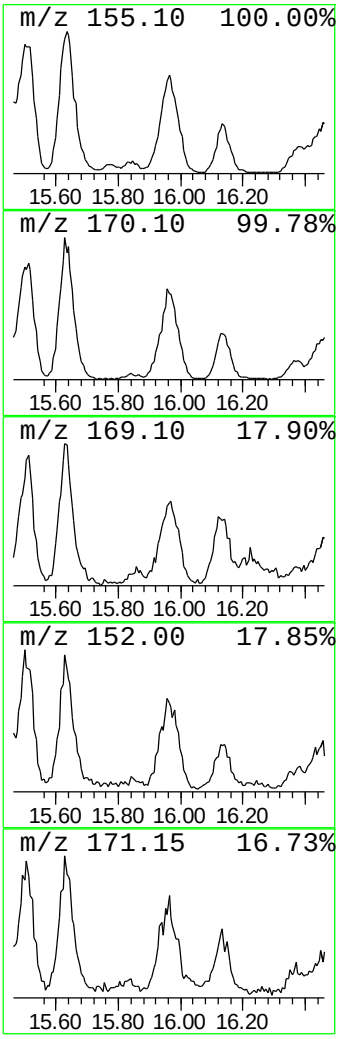
Peak Number 17 unknown-04 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	7.09 ug/L	279841	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	97
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112020\
Data File : VW017421.D
Acq On : 20 Nov 2020 16:46
Operator : SY/VA
Sample : VIBLK11
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis

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

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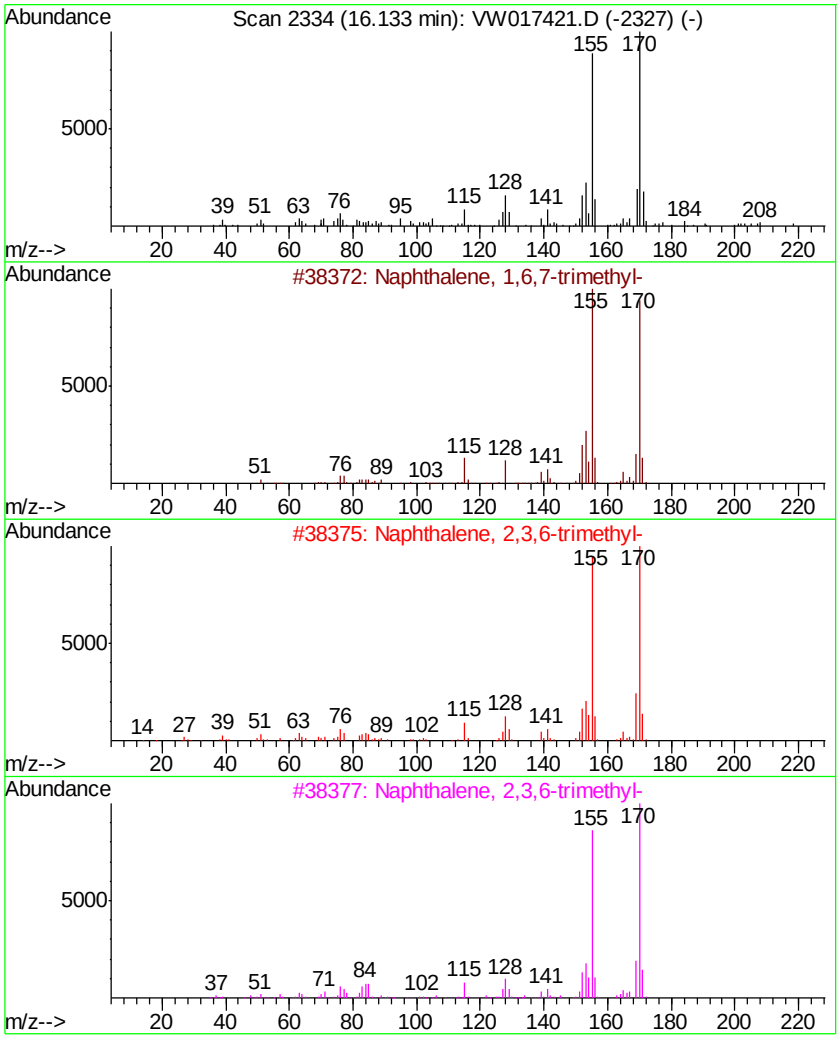
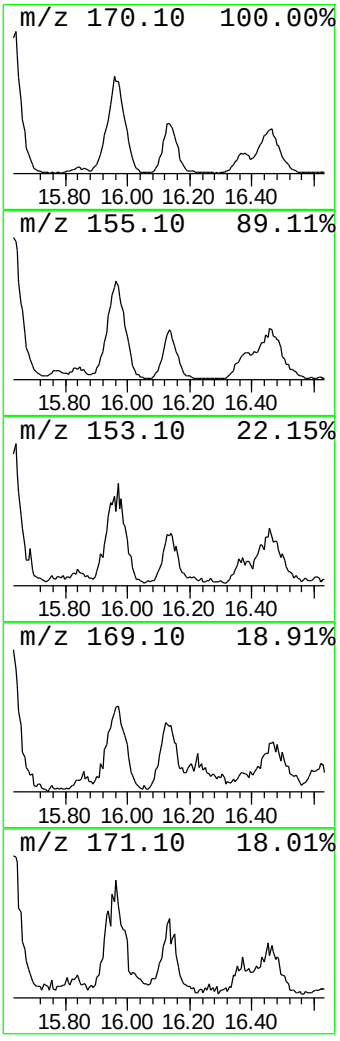
Peak Number 18 unknown-05 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	1.46 ug/L	57489	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	94
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112020\
Data File : VW017421.D
Acq On : 20 Nov 2020 16:46
Operator : SY/VA
Sample : VIBLK11
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis

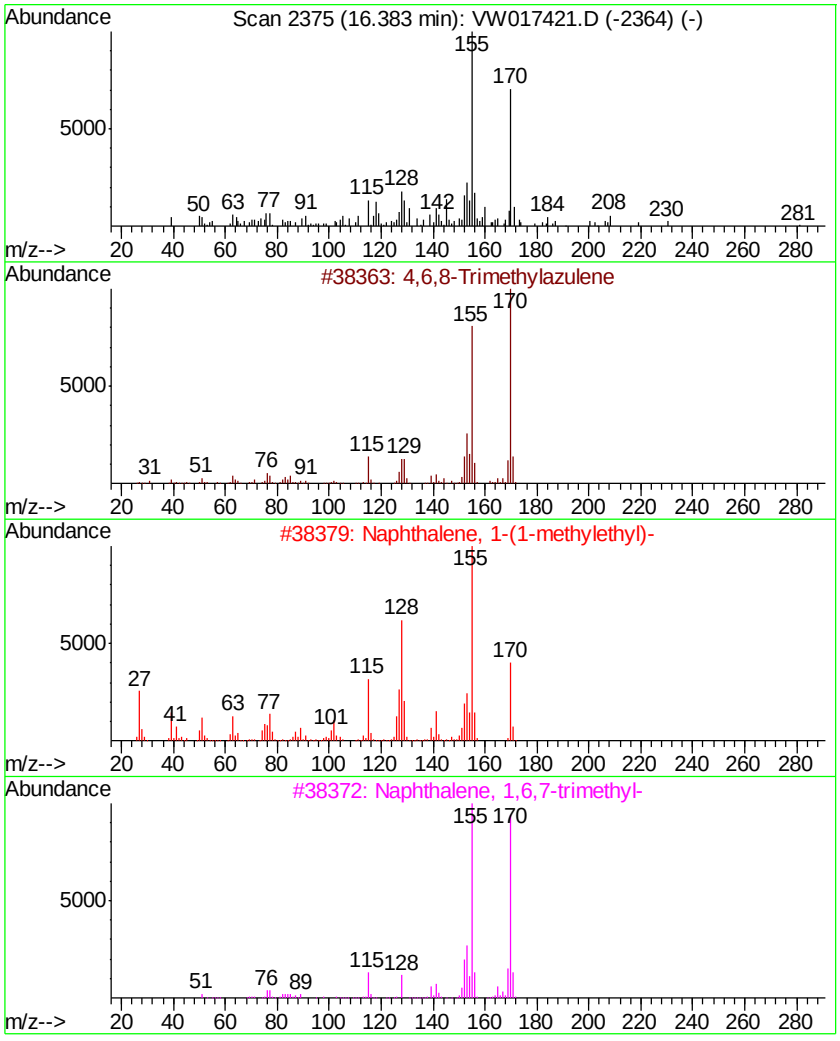
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

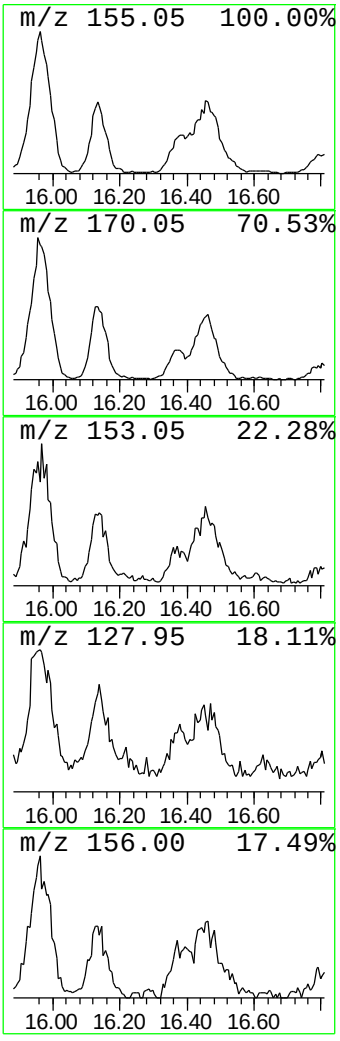
****

Peak Number 19 4,6,8-Trimethylazulene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	1.72 ug/L	67984	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	96
2	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	93
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW112020\
Data File : VW017421.D
Acq On : 20 Nov 2020 16:46
Operator : SY/VA
Sample : VIBLK11
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.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	7.13	2.4	ug/L	76275	1	8.85	793407	25.0
Naphthalene, 1,7-...	12.88	3.9	ug/L	153923	3	13.56	986115	25.0
Naphthalene, 2,3-...	13.34	51.6	ug/L	2036980	3	13.56	986115	25.0
Naphthalene, 2,7-...	13.47	22.9	ug/L	901233	3	13.56	986115	25.0
Naphthalene, 1,6-...	13.97	12.3	ug/L	485111	3	13.56	986115	25.0
Naphthalene, 1,4-...	14.32	10.4	ug/L	411491	3	13.56	986115	25.0
Naphthalene, 1,4,...	15.09	5.9	ug/L	233800	3	13.56	986115	25.0
Naphthalene, 1,6,...	15.27	2.5	ug/L	97207	3	13.56	986115	25.0
Naphthalene, 2,3,...	15.44	2.7	ug/L	105431	3	13.56	986115	25.0
3-(2-Methyl-prope...	15.51	7.4	ug/L	291308	3	13.56	986115	25.0
unknown-03	15.63	7.9	ug/L	311234	3	13.56	986115	25.0
unknown-04	15.96	7.1	ug/L	279841	3	13.56	986115	25.0
unknown-05	16.13	1.5	ug/L	57489	3	13.56	986115	25.0
4,6,8-Trimethylaz...	16.38	1.7	ug/L	67984	3	13.56	986115	25.0