LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111620\
Data File : VW017268.D
Acq On : 16 Nov 2020 19:38
Operator : SY/VA
Sample : VIBLK13
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK13

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	2.105	31	33	37	rBV2	329	524	0.01%	0.002%
2	2.153	37	41	43	rBV2	1503	2224	0.05%	0.009%
3	2.220	45	52	53	rBV6	1920	3473	0.08%	0.013%
4	2.239	53	55	58	rVB4	624	831	0.02%	0.003%
5	2.355	63	74	82	rBV	86900	161705	3.81%	0.618%
6	2.477	93	94	95	rBV	755	496	0.01%	0.002%
7	2.647	117	122	131	rBV	3193	9229	0.22%	0.035%
8	2.891	151	162	175	rBV2	62298	154253	3.63%	0.590%
9	3.007	180	181	182	rVV	1053	397	0.01%	0.002%
10	3.031	182	185	191	rVV8	990	1364	0.03%	0.005%
11	3.092	193	195	196	rBV2	531	301	0.01%	0.001%
12	3.111	196	198	201	rVB4	831	855	0.02%	0.003%
13	3.178	207	209	213	rVB	443	568	0.01%	0.002%
14	3.251	218	221	222	rVV2	329	336	0.01%	0.001%
15	3.269	222	224	228	rVB2	637	680	0.02%	0.003%
16	3.336	232	235	238	rVB	302	457	0.01%	0.002%
17	3.391	238	244	249	rBV5	1260	3121	0.07%	0.012%
18	3.482	256	259	261	rVB2	332	402	0.01%	0.002%
19	3.513	261	264	266	rBV2	277	366	0.01%	0.001%
20	4.019	335	347	362	rBV	139977	418769	9.86%	1.601%
21	4.184	372	374	377	rVB2	284	337	0.01%	0.001%
22	4.403	397	410	420	rBV3	4021	14046	0.33%	0.054%
23	4.927	484	496	511	rBV2	7458	28322	0.67%	0.108%
24	5.104	520	525	526	rBV2	631	900	0.02%	0.003%
25	5.135	526	530	532	rVV3	537	837	0.02%	0.003%
26	5.421	576	577	580	rVV3	414	407	0.01%	0.002%
27	5.452	580	582	585	rVB3	348	355	0.01%	0.001%
28	5.689	614	621	623	rBV2	199	325	0.01%	0.001%
29	5.726	623	627	628	rBV2	357	478	0.01%	0.002%
30	5.763	628	633	640	rVB6	1004	2472	0.06%	0.009%
31	5.945	655	663	670	rBV6	2311	7107	0.17%	0.027%
32	6.494	751	753	756	rVB2	271	294	0.01%	0.001%
33	6.628	771	775	778	rBV2	286	497	0.01%	0.002%
34	6.714	786	789	792	rVB2	327	330	0.01%	0.001%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111620\
Data File : VW017268.D
Acq On : 16 Nov 2020 19:38
Operator : SY/VA
Sample : VIBLK13
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK13

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	6.909	818	821	822	rBV2	391	486	0.01%	0.002%
36	6.939	825	826	829	rVB	839	645	0.02%	0.002%
37	6.994	831	835	838	rVB2	206	295	0.01%	0.001%
38	7.079	840	849	853	rBV	31740	86176	2.03%	0.330%
39	7.134	853	858	873	rVV	42222	126401	2.98%	0.483%
40	7.232	873	874	879	rVB3	777	765	0.02%	0.003%
41	7.299	884	885	889	rVB3	644	474	0.01%	0.002%
42	7.341	889	892	894	rBV2	511	423	0.01%	0.002%
43	7.421	904	905	909	rBV3	548	523	0.01%	0.002%
44	7.457	909	911	914	rVB	570	416	0.01%	0.002%
45	7.524	917	922	925	rBV6	916	1465	0.03%	0.006%
46	7.652	932	943	954	rVV	223781	553744	13.04%	2.117%
47	7.726	954	955	956	rVV	723	324	0.01%	0.001%
48	7.744	956	958	961	rVV4	995	867	0.02%	0.003%
49	7.787	963	965	968	rVB3	648	780	0.02%	0.003%
50	7.878	976	980	984	rBV7	837	1052	0.02%	0.004%
51	7.957	987	993	996	rBV8	1224	2573	0.06%	0.010%
52	8.006	999	1001	1003	rBV4	512	369	0.01%	0.001%
53	8.030	1003	1005	1006	rVB2	540	311	0.01%	0.001%
54	8.067	1006	1011	1012	rBV5	1084	1718	0.04%	0.007%
55	8.085	1012	1014	1016	rVB3	948	945	0.02%	0.004%
56	8.146	1020	1024	1030	rBV8	905	1797	0.04%	0.007%
57	8.274	1030	1045	1061	rBV3	539483	1780025	41.93%	6.806%
58	8.378	1061	1062	1064	rBV2	870	895	0.02%	0.003%
59	8.549	1089	1090	1092	rBV2	912	567	0.01%	0.002%
60	8.841	1129	1138	1153	rBV	478731	949945	22.37%	3.632%
61	9.012	1164	1166	1168	rBV3	1103	849	0.02%	0.003%
62	9.067	1173	1175	1176	rBV2	2197	1881	0.04%	0.007%
63	9.274	1200	1209	1220	rBV	275612	572277	13.48%	2.188%
64	9.469	1239	1241	1242	rVB2	1775	837	0.02%	0.003%
65	9.756	1286	1288	1294	rVB6	3869	5637	0.13%	0.022%
66	9.890	1306	1310	1317	rBV4	9288	19128	0.45%	0.073%
67	9.957	1317	1321	1322	rBV3	3195	4000	0.09%	0.015%
68	10.036	1327	1334	1343	rVV	155750	279609	6.59%	1.069%
69	10.323	1374	1381	1389	rBV	614717	1104184	26.01%	4.222%
70	10.579	1417	1423	1430	rBV	95171	167057	3.93%	0.639%
71	10.707	1437	1444	1450	rBV	135545	241672	5.69%	0.924%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111620\
Data File : VW017268.D
Acq On : 16 Nov 2020 19:38
Operator : SY/VA
Sample : VIBLK13
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK13

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	10.926	1474	1480	1488	rBV	134617	237001	5.58%	0.906%
73	11.066	1499	1503	1506	rBV	37306	67193	1.58%	0.257%
74	11.438	1559	1564	1572	rBV	110620	188732	4.45%	0.722%
75	11.633	1590	1596	1602	rVB	645775	1095386	25.80%	4.188%
76	12.450	1700	1730	1732	rBV3	215695	1043520	24.58%	3.990%
77	12.609	1751	1756	1762	rVB2	236082	423118	9.97%	1.618%
78	12.694	1765	1770	1782	rVB	277765	516446	12.16%	1.975%
79	12.920	1789	1807	1808	rBV	436091	1711932	40.32%	6.546%
80	13.347	1862	1877	1889	rBV	918235	4245736	100.00%	16.235%
81	13.475	1890	1898	1907	rVV	490453	1977049	46.57%	7.560%
82	13.560	1907	1912	1918	rVB	687117	1136610	26.77%	4.346%
83	13.852	1954	1960	1966	rBV	630936	1144206	26.95%	4.375%
84	13.981	1973	1981	1991	rVB2	304813	960947	22.63%	3.674%
85	14.072	1992	1996	2010	rVB3	129392	312431	7.36%	1.195%
86	14.316	2028	2036	2056	rVB2	167586	635343	14.96%	2.429%
87	14.560	2069	2076	2088	rVB4	41643	135248	3.19%	0.517%
88	14.688	2092	2097	2102	rBV2	25555	49072	1.16%	0.188%
89	14.779	2106	2112	2120	rVB4	59310	162556	3.83%	0.622%
90	14.883	2124	2129	2131	rBV2	30910	57178	1.35%	0.219%
91	15.096	2153	2164	2172	rBV2	146974	580405	13.67%	2.219%
92	15.273	2186	2193	2201	rVB2	54857	155764	3.67%	0.596%
93	15.438	2213	2220	2224	rBV3	73132	199138	4.69%	0.761%
94	15.499	2225	2230	2243	rVB4	196680	593296	13.97%	2.269%
95	15.639	2243	2253	2273	rVB	156627	574613	13.53%	2.197%
96	15.962	2296	2306	2320	rVB3	90148	393342	9.26%	1.504%
97	16.133	2326	2334	2348	rVB2	71618	241564	5.69%	0.924%
98	16.376	2364	2374	2378	rBV4	40525	124399	2.93%	0.476%
99	16.444	2379	2385	2403	rVB6	95550	374453	8.82%	1.432%
100	16.639	2411	2417	2426	rVB	34698	87621	2.06%	0.335%

Sum of corrected areas: 26152469

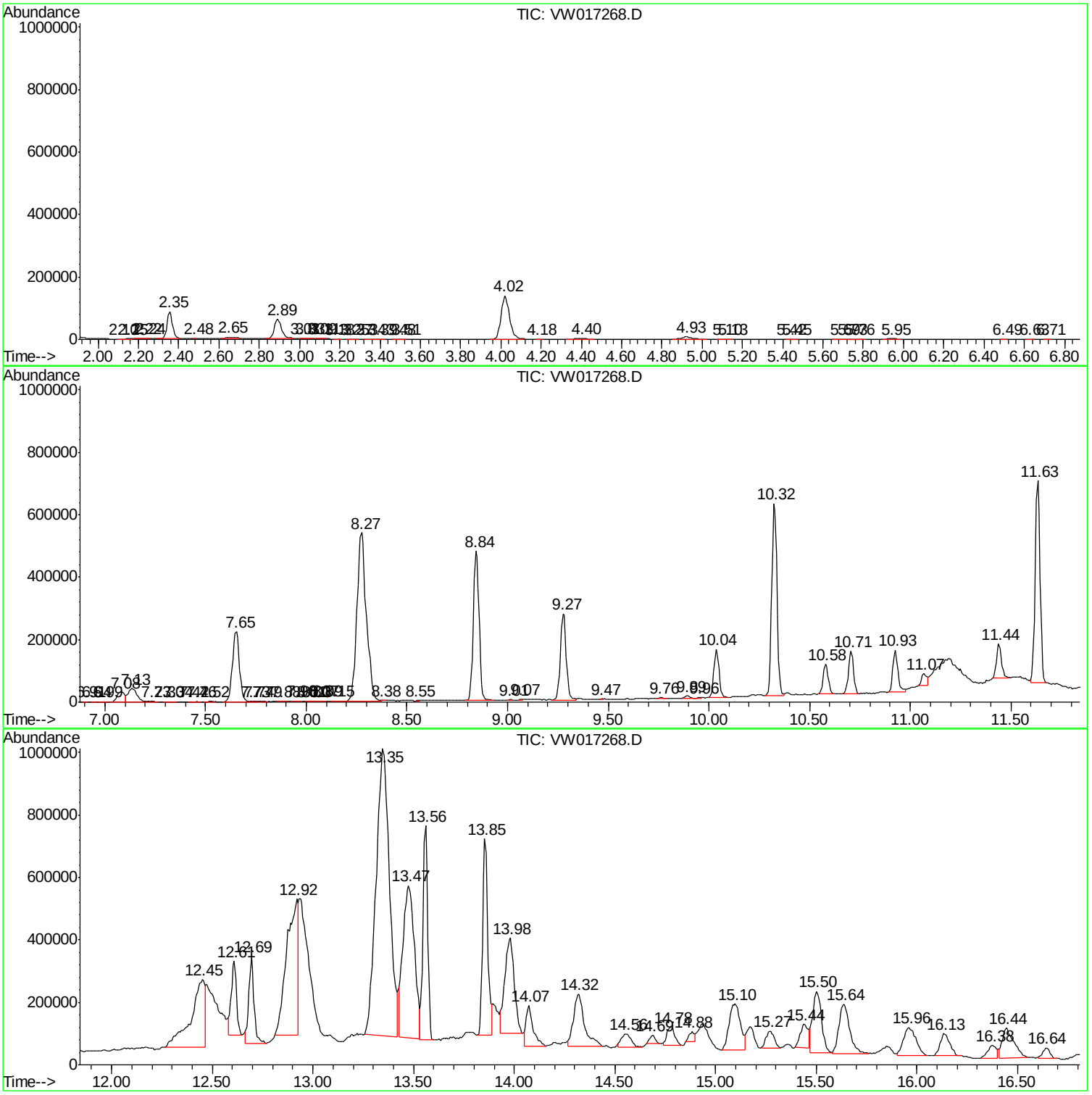
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111620\
Data File : VW017268.D
Acq On : 16 Nov 2020 19:38
Operator : SY/VA
Sample : VIBLK13
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK13

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111620\
Data File : VW017268.D
Acq On : 16 Nov 2020 19:38
Operator : SY/VA
Sample : VIBLK13
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK13

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

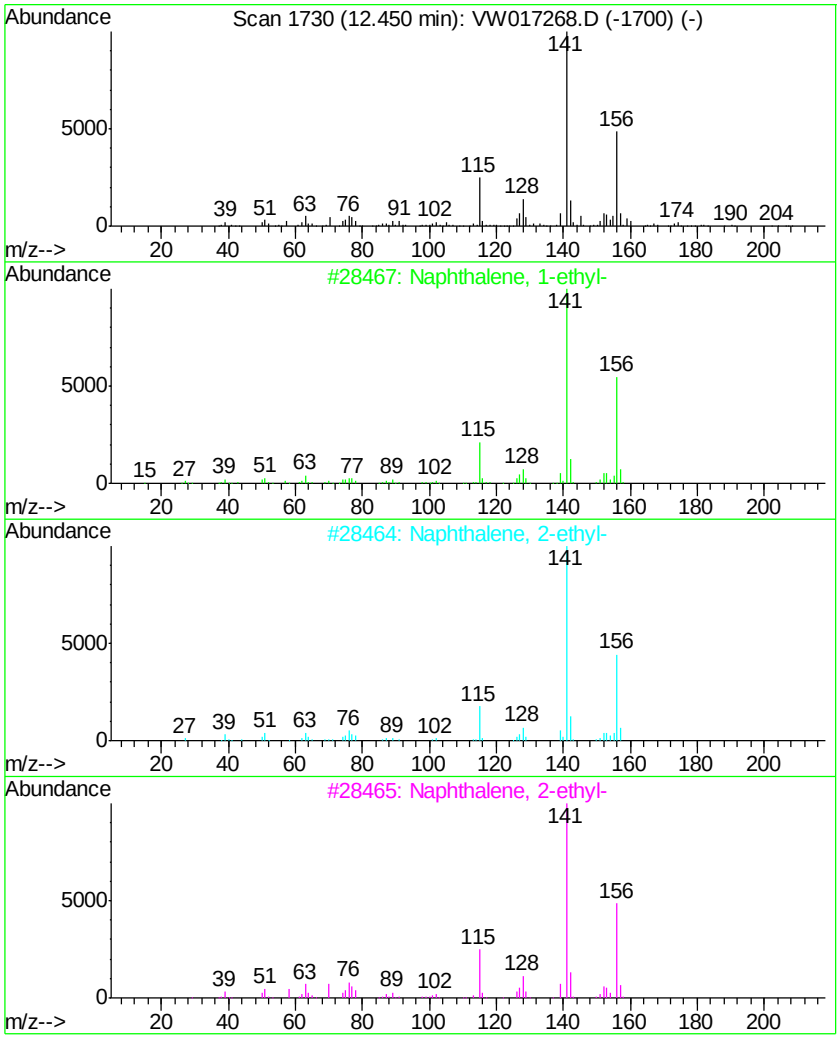
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

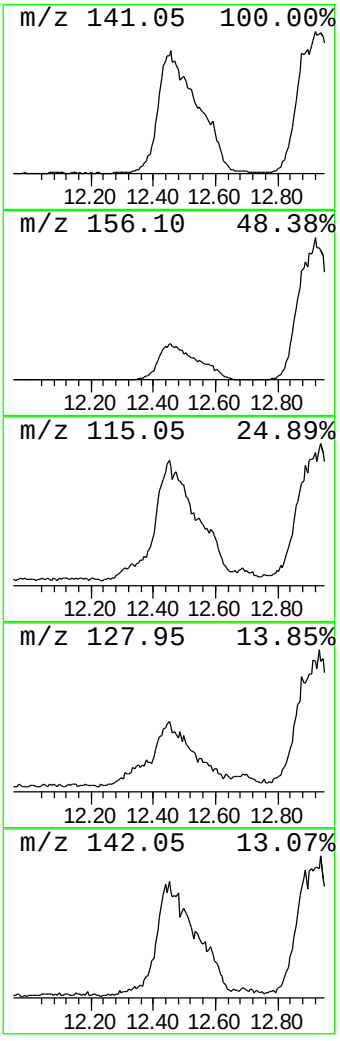
****

Peak Number 6 Naphthalene, 1-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	23.82 ug/L	1043520	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	97
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
5	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	91





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111620\
Data File : VW017268.D
Acq On : 16 Nov 2020 19:38
Operator : SY/VA
Sample : VIBLK13
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK13

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

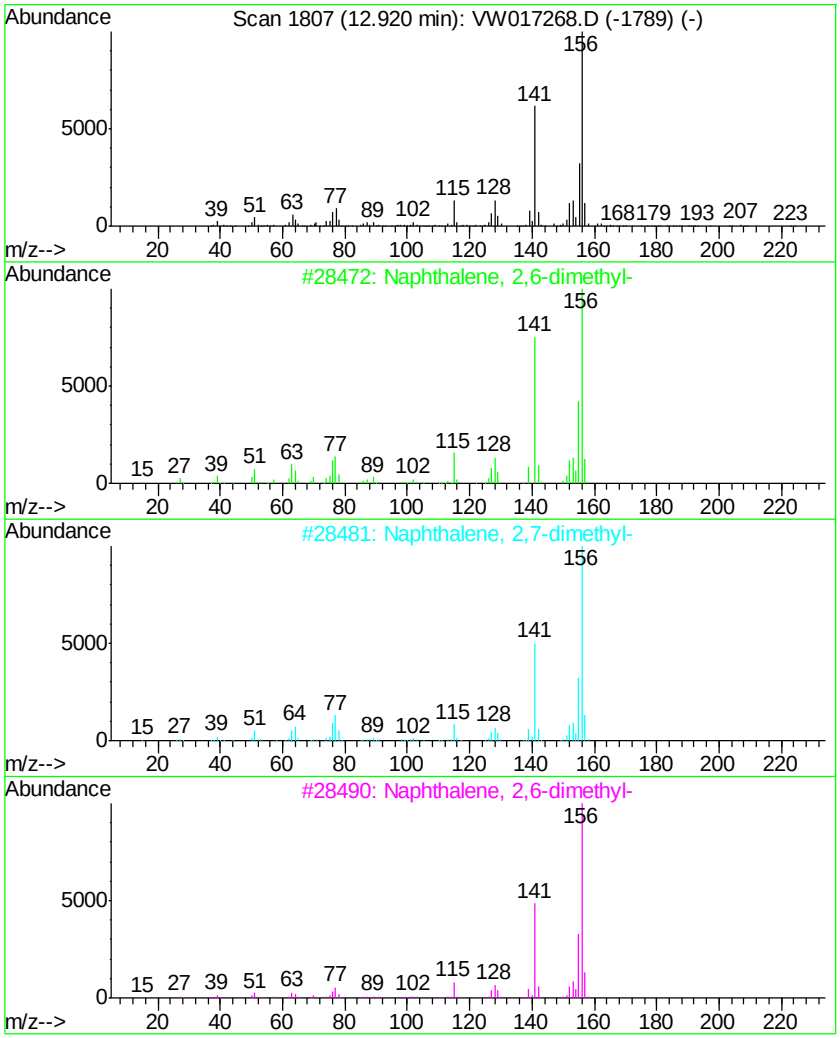
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

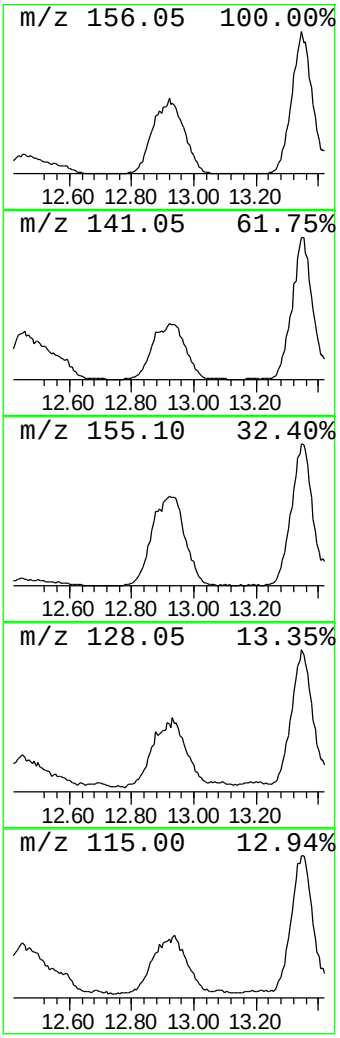
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	37.65 ug/L	1711930	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	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111620\
Data File : VW017268.D
Acq On : 16 Nov 2020 19:38
Operator : SY/VA
Sample : VIBLK13
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK13

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

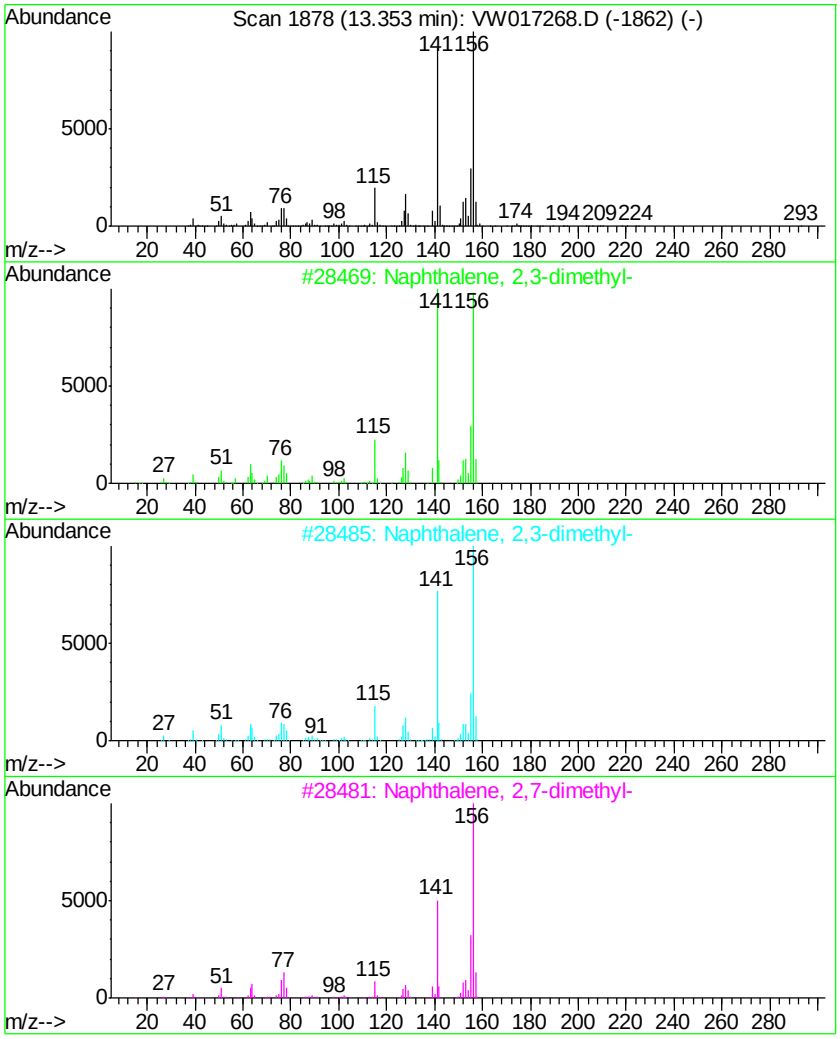
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

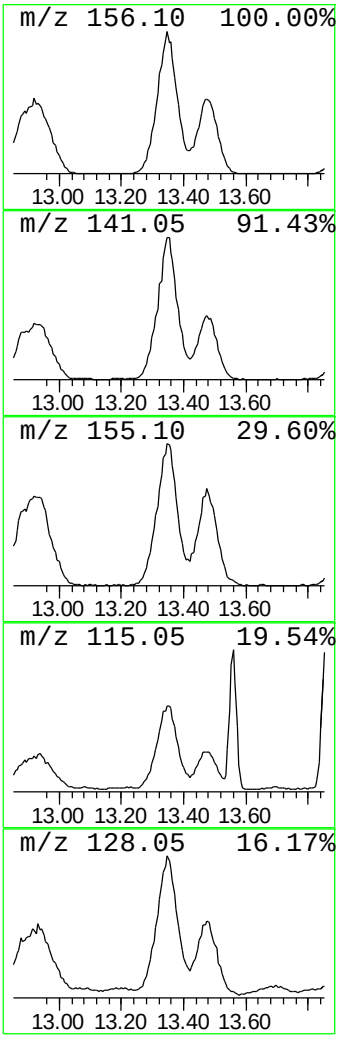
****

Peak Number 9 Naphthalene, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.35	93.39 ug/L	4245740	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, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111620\
Data File : VW017268.D
Acq On : 16 Nov 2020 19:38
Operator : SY/VA
Sample : VIBLK13
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK13

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

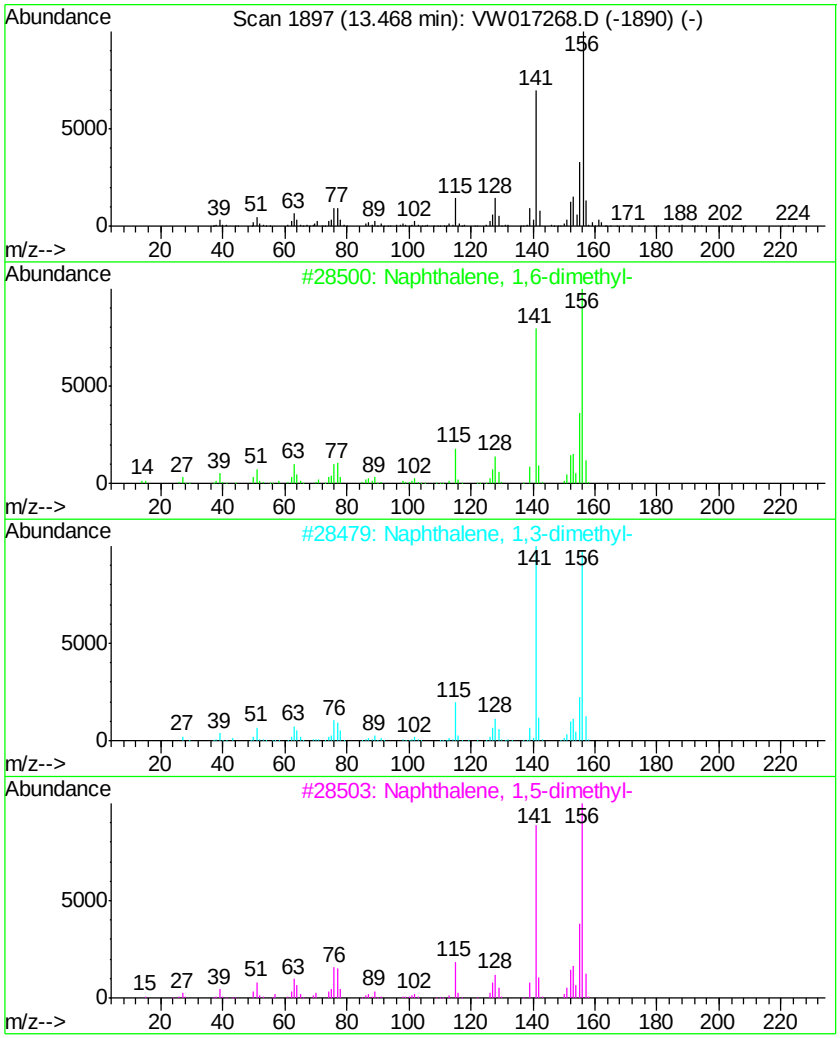
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

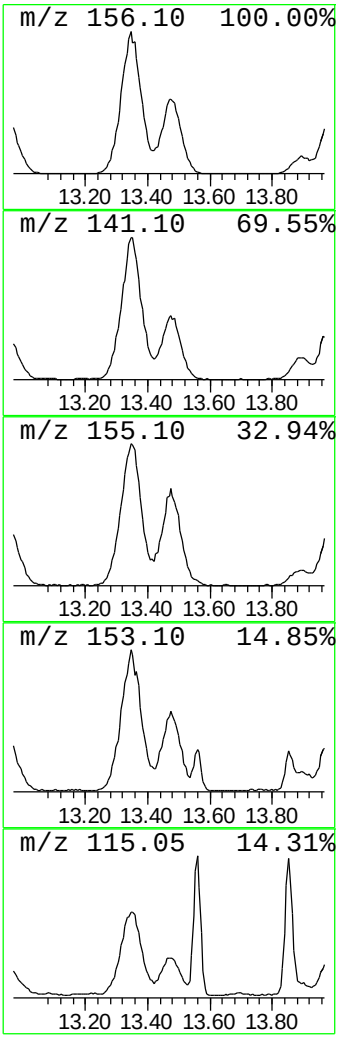
****

Peak Number 10 Naphthalene, 1,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	43.49 ug/L	1977050	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	96
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111620\
Data File : VW017268.D
Acq On : 16 Nov 2020 19:38
Operator : SY/VA
Sample : VIBLK13
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK13

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

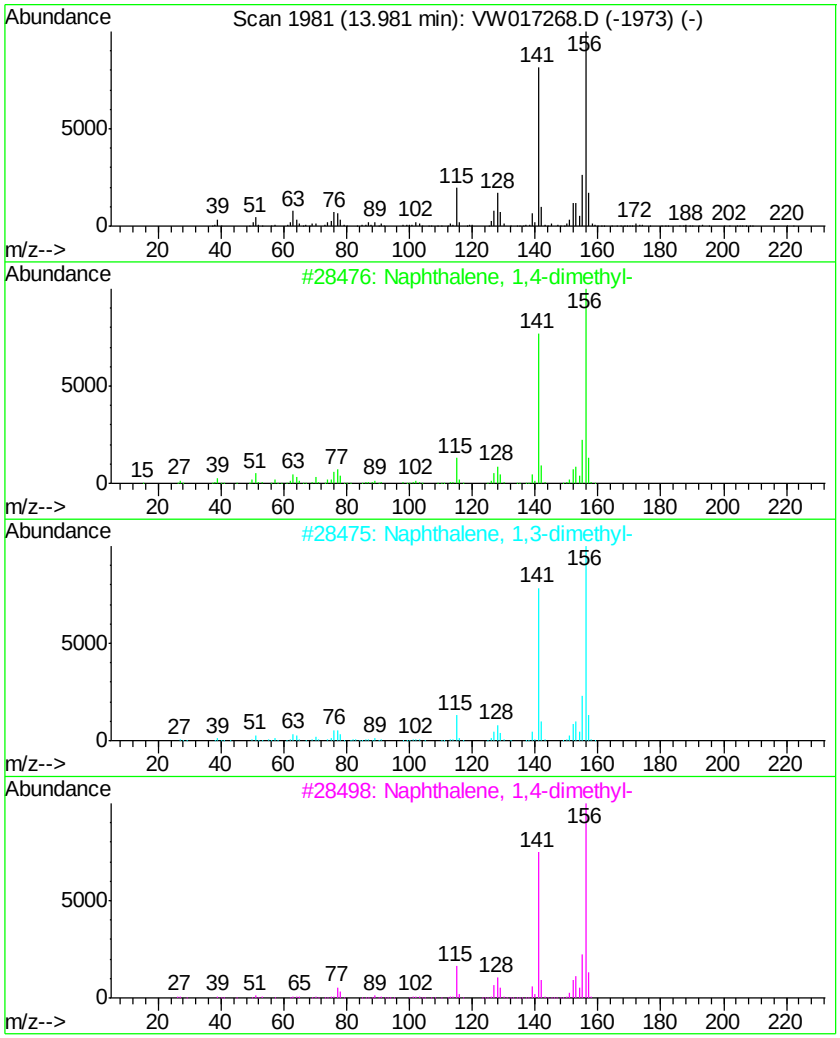
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

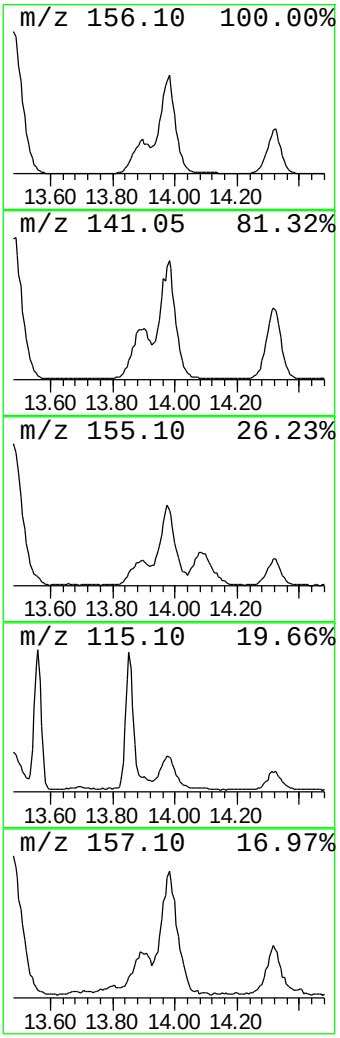
****

Peak Number 11 Naphthalene, 1,4-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	21.14 ug/L	960947	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	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95





Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111620\
Data File : VW017268.D
Acq On : 16 Nov 2020 19:38
Operator : SY/VA
Sample : VIBLK13
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK13

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

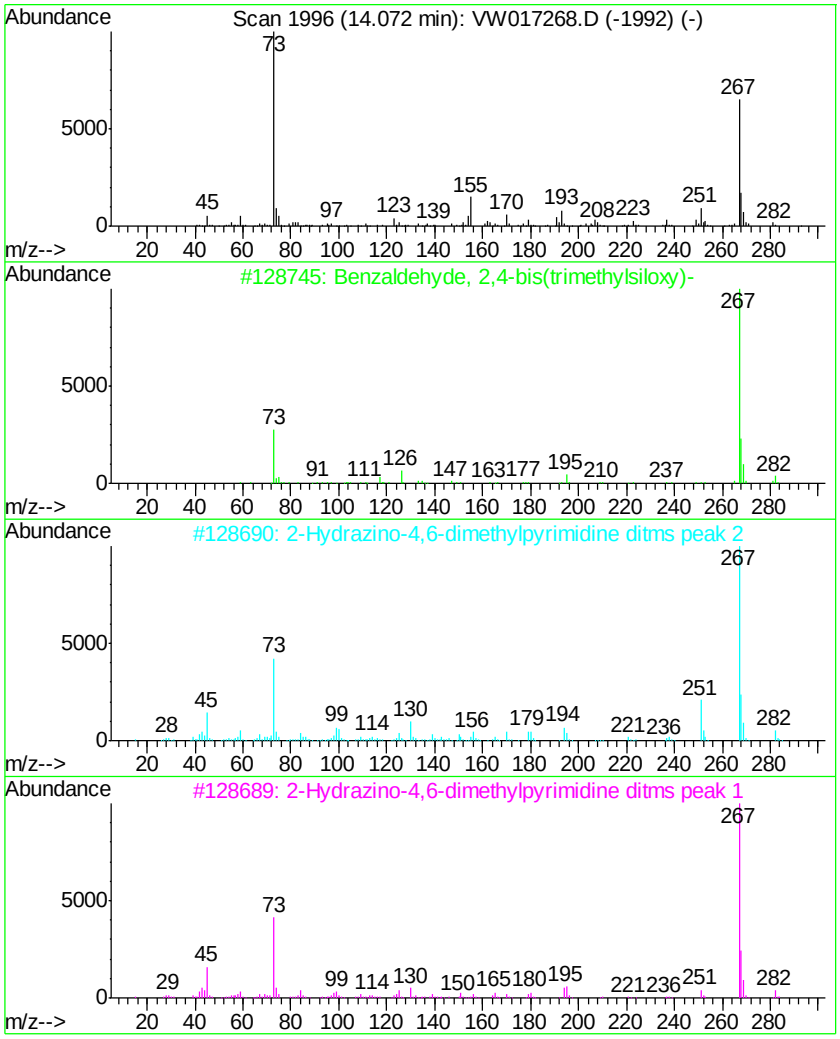
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

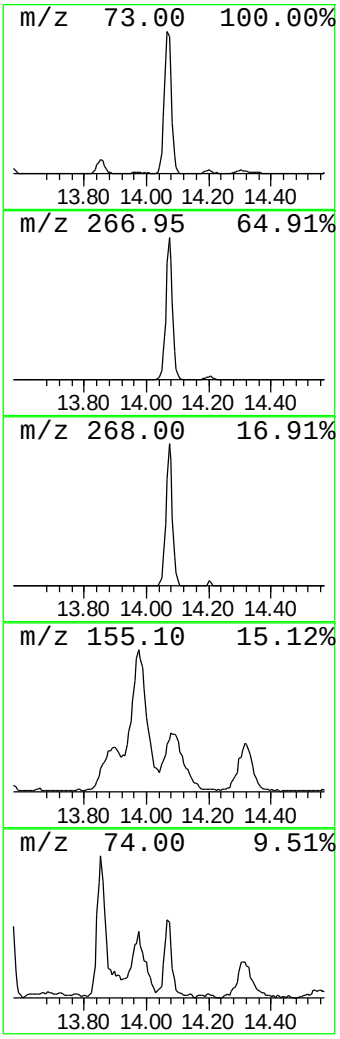
****

Peak Number 12 Benzaldehyde, 2,4-bis(trime... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.07	6.87 ug/L	312431	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 2,4-bis(trimethyls...	282	C13H22O3Si2	033617-38-8	59
2	2-Hydrazino-4,6-dimethylpyrimidi...	282	C12H26N4Si2	1000332-01-7	50
3	2-Hydrazino-4,6-dimethylpyrimidi...	282	C12H26N4Si2	1000332-01-6	47
4	Benzoic acid, 4-[(trimethylsilyl...	282	C13H22O3Si2	002078-13-9	42
5	3-Hydroxymandelic acid, ethyl es...	340	C16H28O4Si2	1000071-88-9	38





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111620\
Data File : VW017268.D
Acq On : 16 Nov 2020 19:38
Operator : SY/VA
Sample : VIBLK13
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK13

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

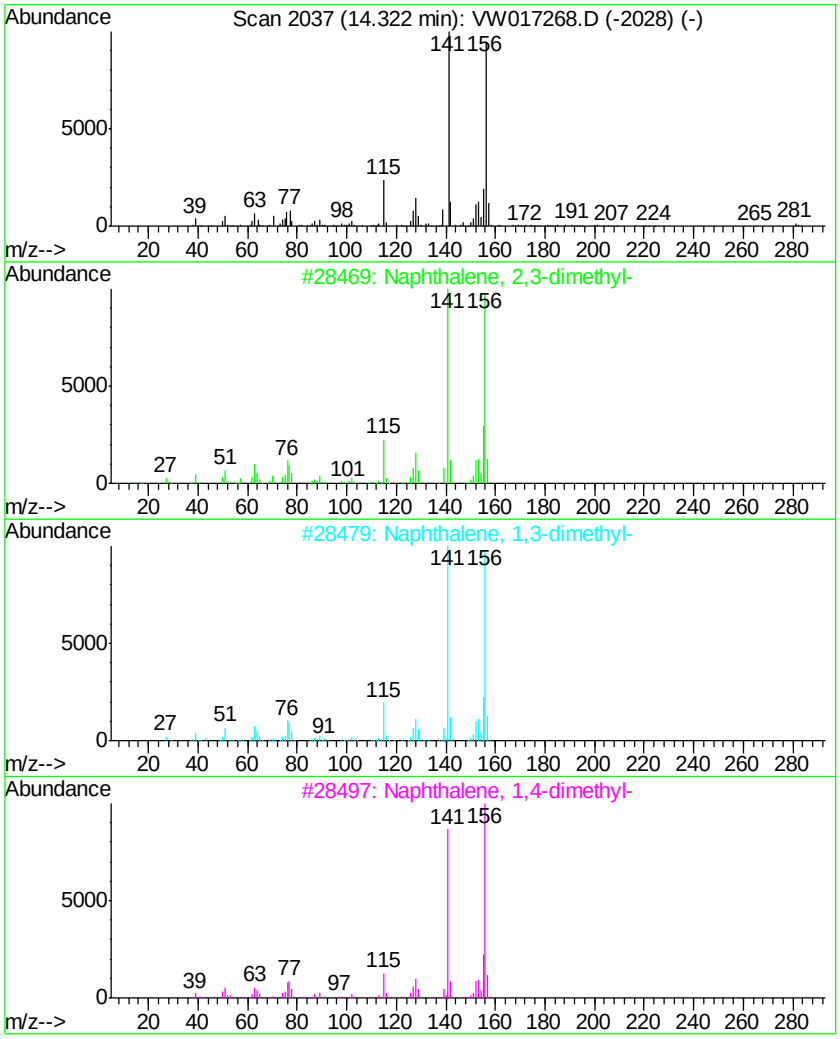
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

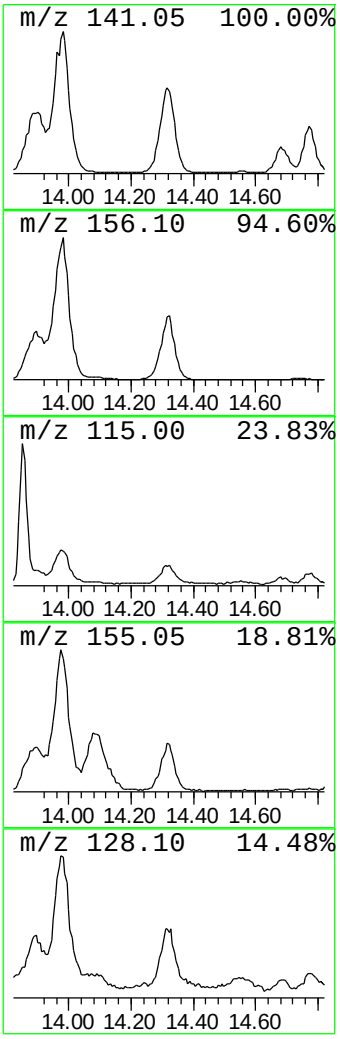
****

Peak Number 13 Naphthalene, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	13.97 ug/L	635343	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	96
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95





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Data File : VW017268.D
Acq On : 16 Nov 2020 19:38
Operator : SY/VA
Sample : VIBLK13
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK13

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

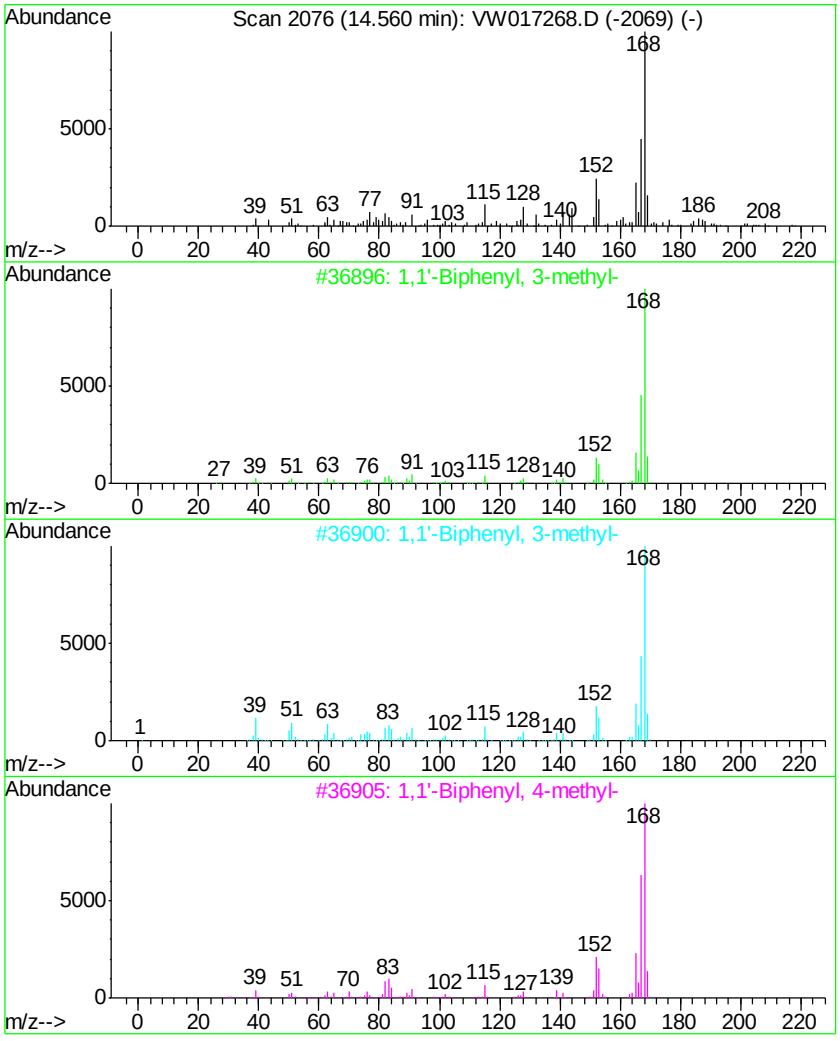
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

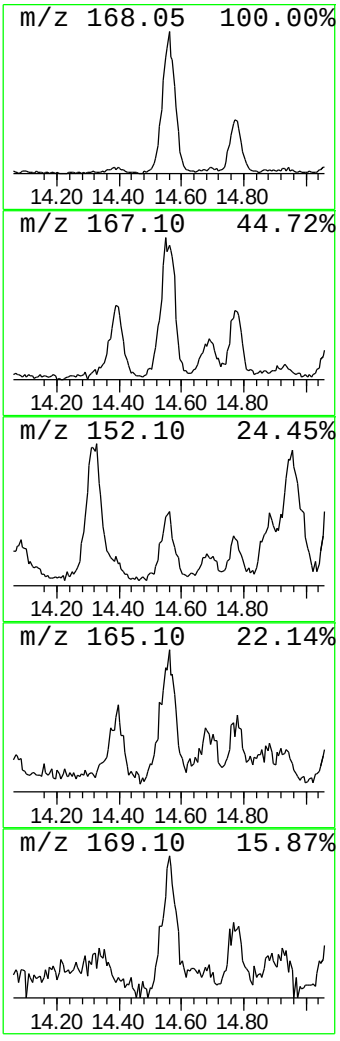
****

Peak Number 14 1,1'-Biphenyl, 3-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.56	2.97 ug/L	135248	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	76
2	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	72
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	58
4	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	53
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	49





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Data File : VW017268.D
Acq On : 16 Nov 2020 19:38
Operator : SY/VA
Sample : VIBLK13
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK13

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

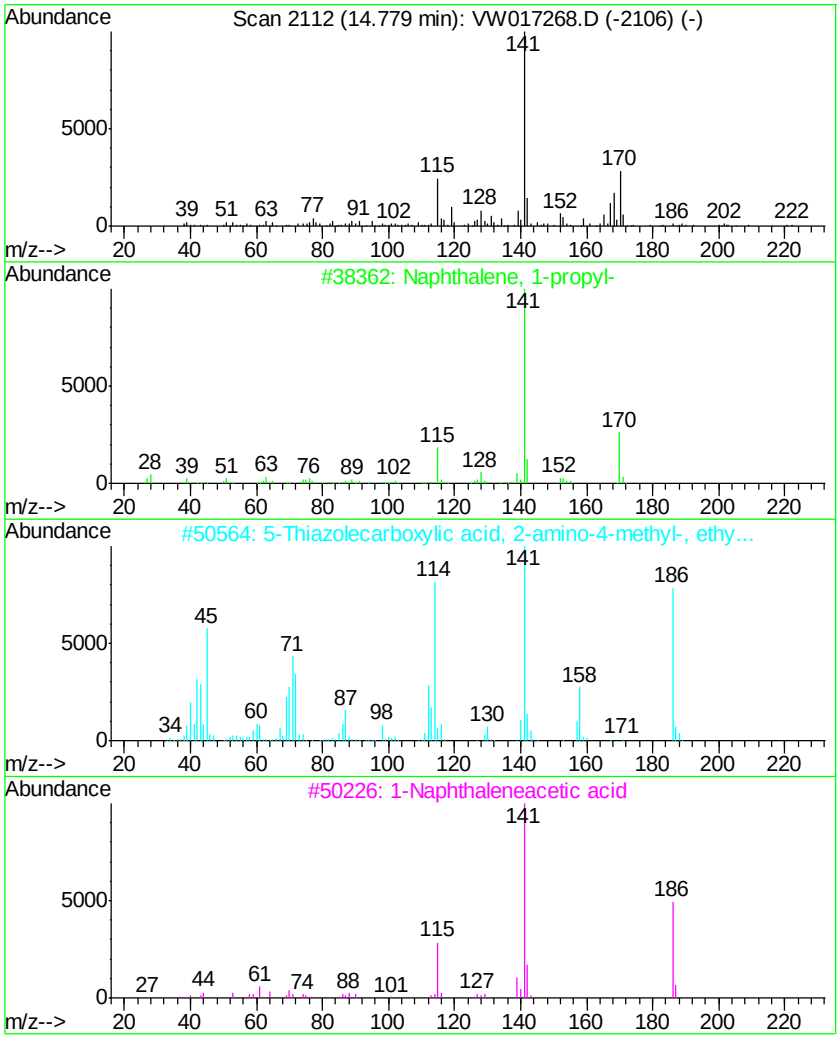
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

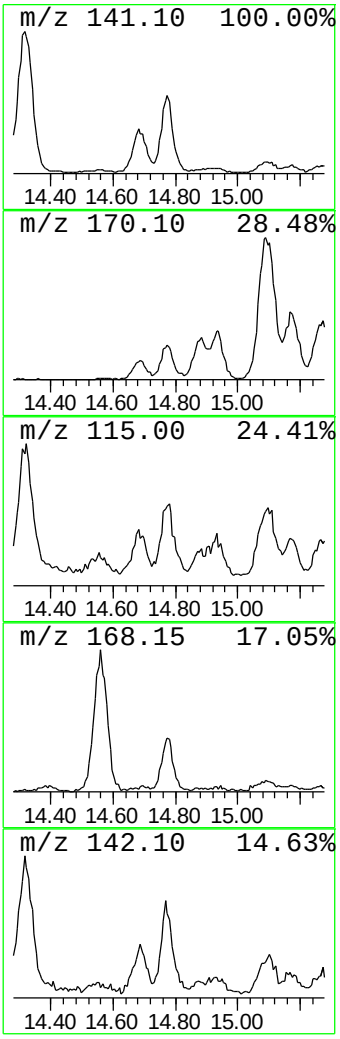
****

Peak Number 15 Naphthalene, 1-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.78	3.58 ug/L	162556	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-propyl-	170	C13H14	002765-18-6	94
2	5-Thiazolecarboxylic acid, 2-ami...	186	C7H10N2O2S	007210-76-6	64
3	1-Naphthaleneacetic acid	186	C12H10O2	000086-87-3	64
4	2-Naphthylacetyl chlotide	204	C12H9ClO	037859-25-9	50
5	Benzaldehyde, 3-methoxy-4-(1-nap...	292	C19H16O3	1000338-37-2	47





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Data File : VW017268.D
Acq On : 16 Nov 2020 19:38
Operator : SY/VA
Sample : VIBLK13
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK13

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

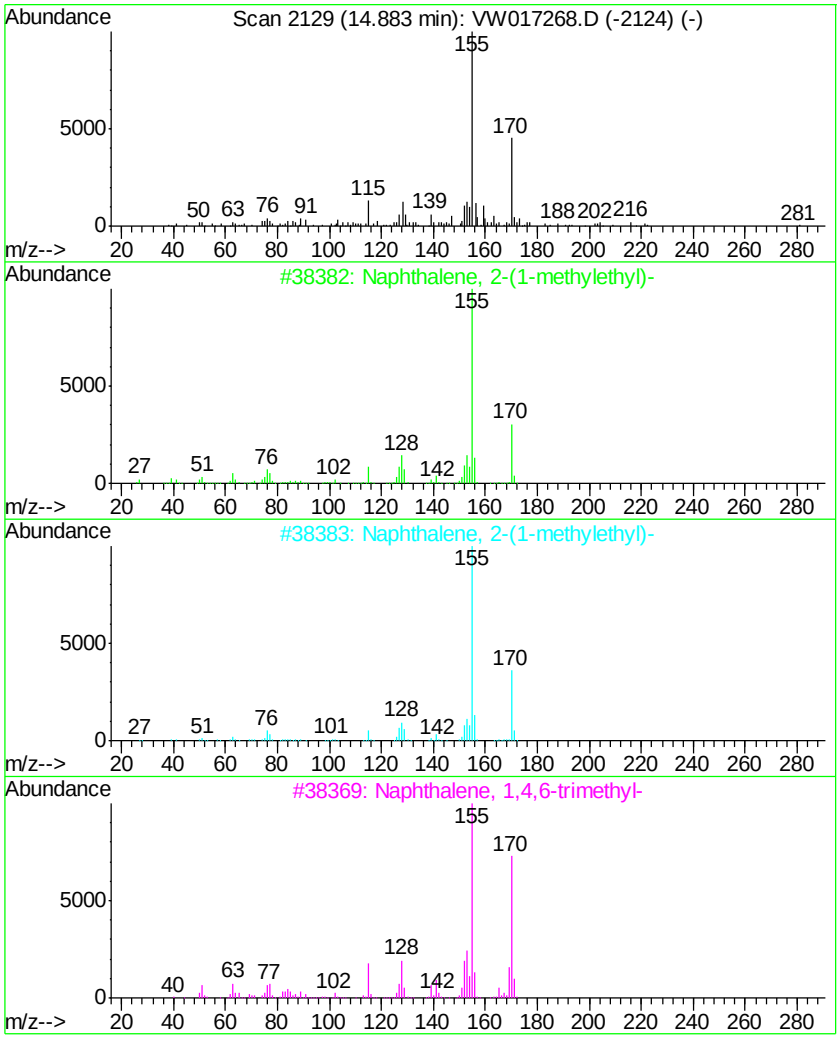
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

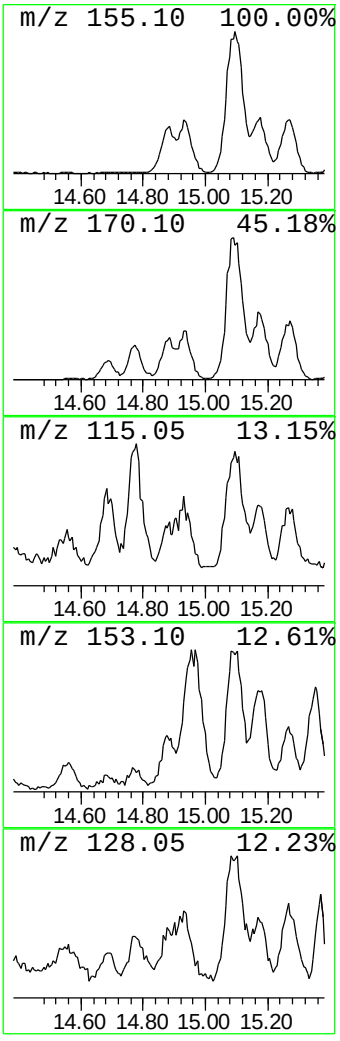
****

Peak Number 16 Naphthalene, 2-(1-methyleth... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	1.26 ug/L	57178	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	90
2	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	70
4	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	64
5	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	64





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111620\
Data File : VW017268.D
Acq On : 16 Nov 2020 19:38
Operator : SY/VA
Sample : VIBLK13
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK13

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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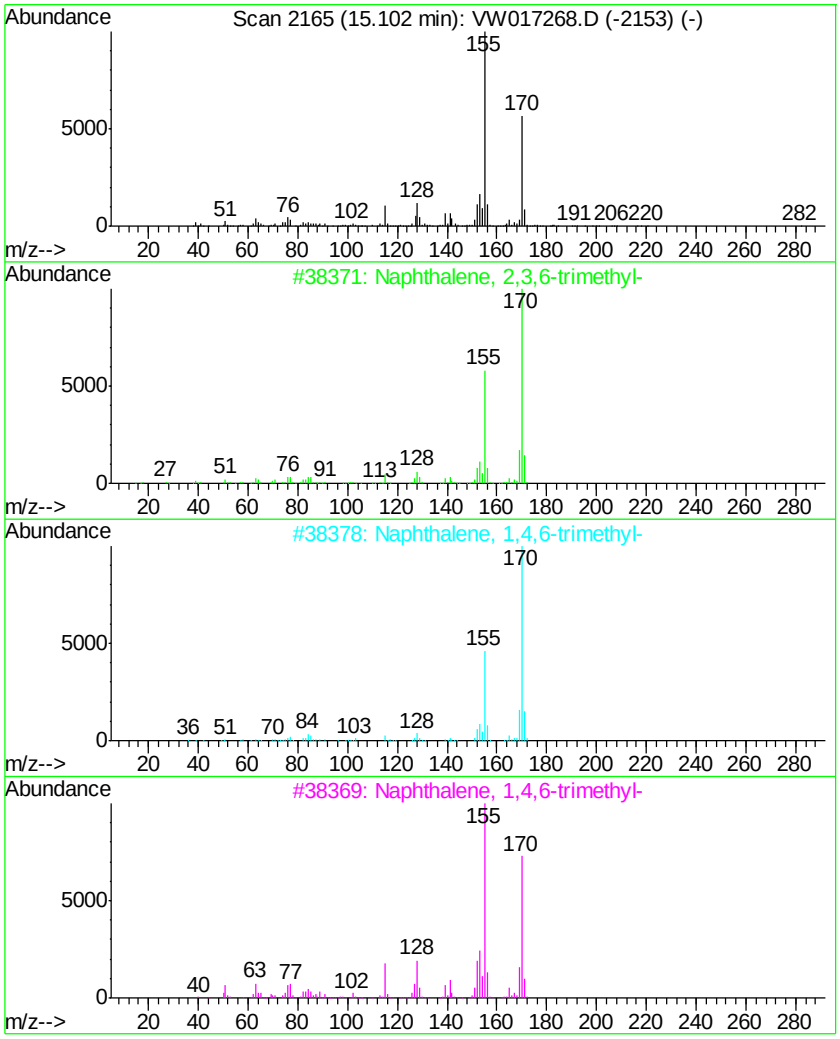
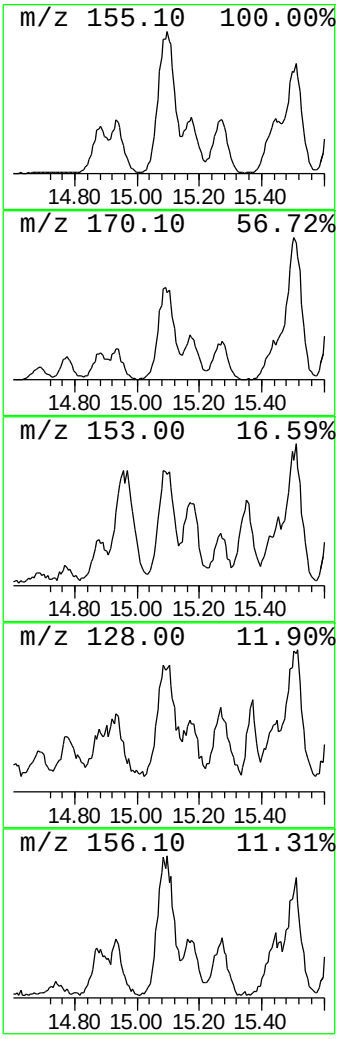
Peak Number 17 Naphthalene, 2,3,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	12.77 ug/L	580405	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, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111620\
Data File : VW017268.D
Acq On : 16 Nov 2020 19:38
Operator : SY/VA
Sample : VIBLK13
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK13

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

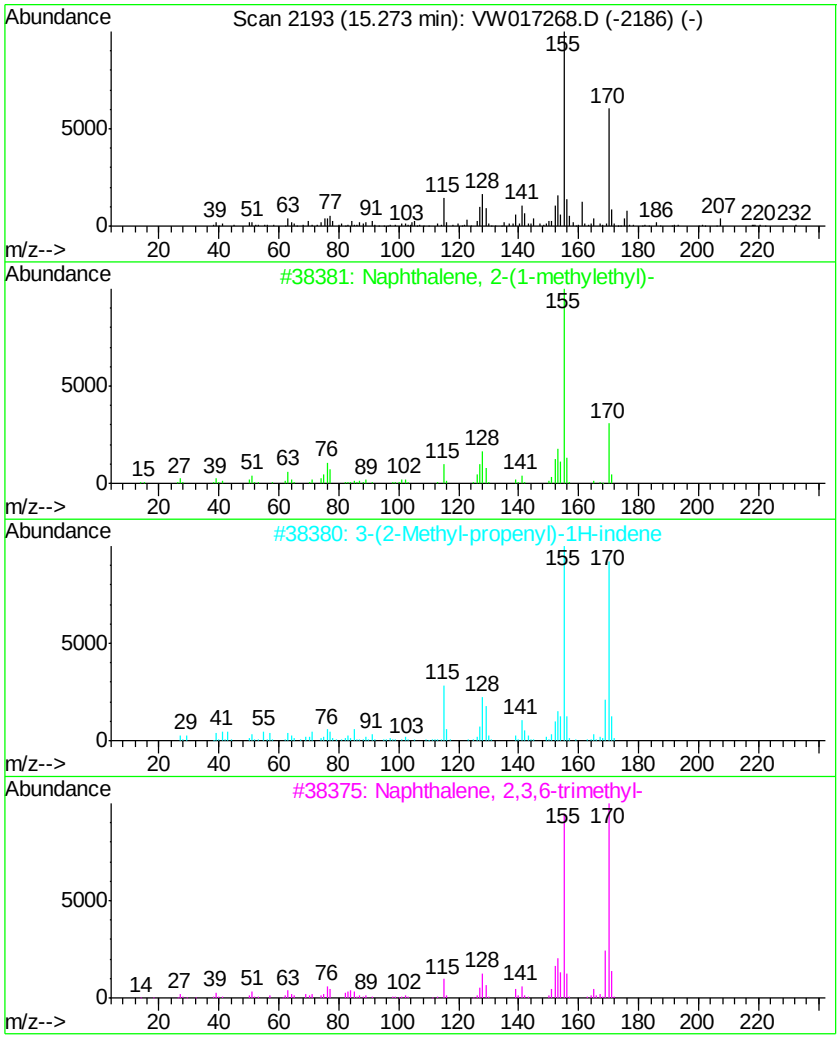
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

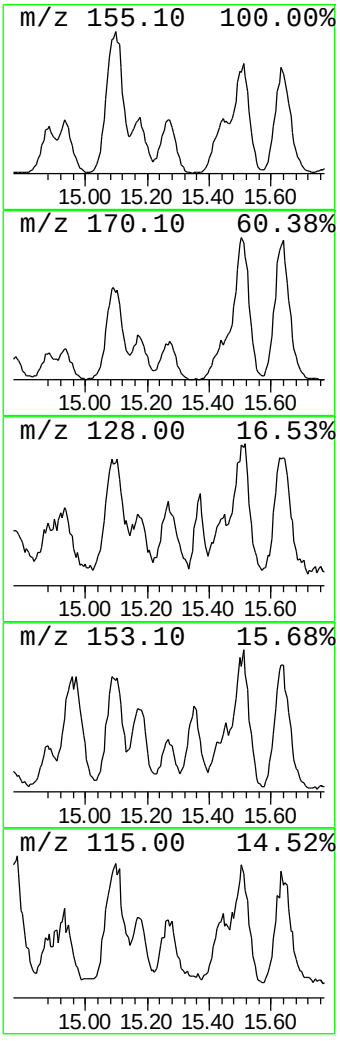
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	3.43 ug/L	155764	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	93
2	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	90
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	80
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	80





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111620\
Data File : VW017268.D
Acq On : 16 Nov 2020 19:38
Operator : SY/VA
Sample : VIBLK13
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK13

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

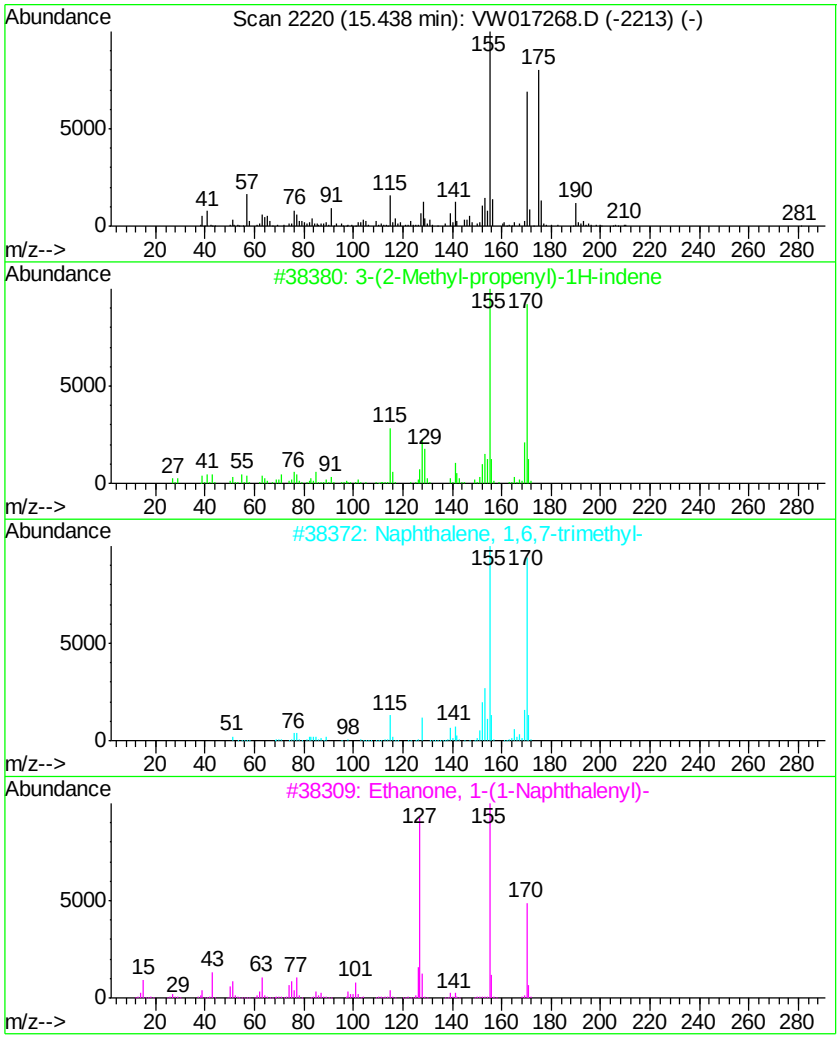
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

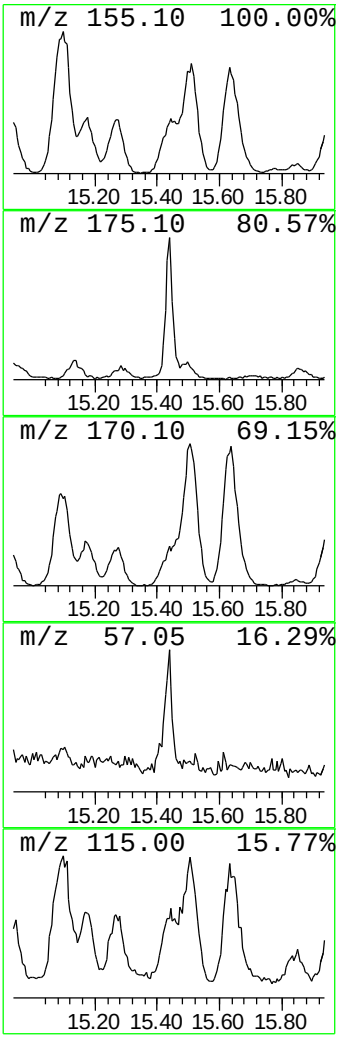
****

Peak Number 19 unknown-02 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	4.38 ug/L	199138	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	60
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	46
3	Ethanone, 1-(1-Naphthalenyl)-	170	C12H10O	000941-98-0	43
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	43
5	2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	43





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111620\
Data File : VW017268.D
Acq On : 16 Nov 2020 19:38
Operator : SY/VA
Sample : VIBLK13
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK13

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

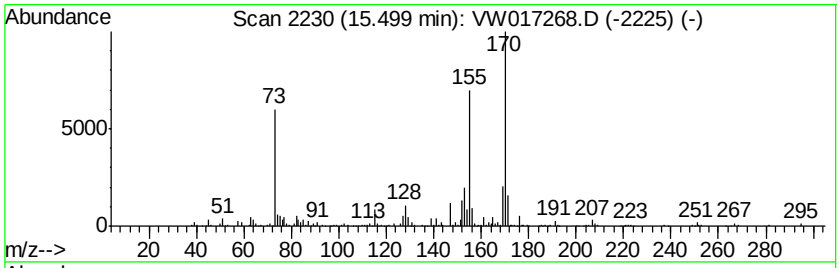
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

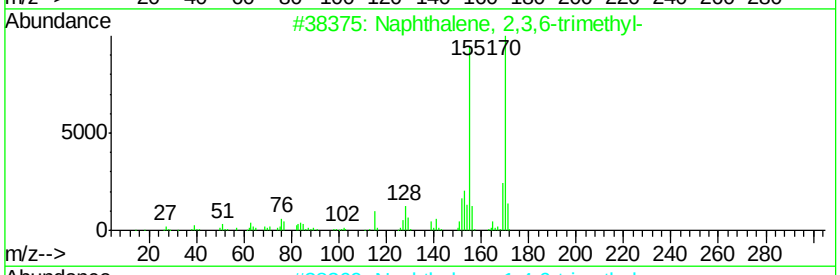
****

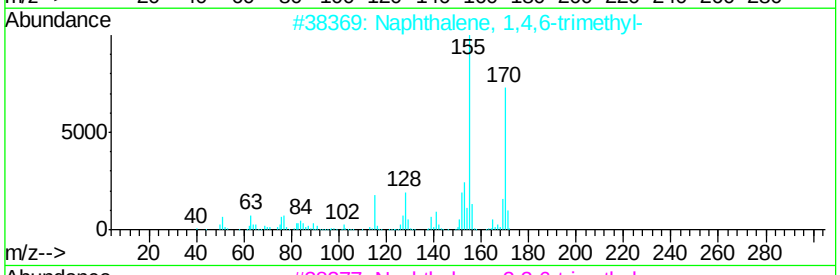
Peak Number 20 Naphthalene, 1,4,6-trimethyl- Concentration Rank 7

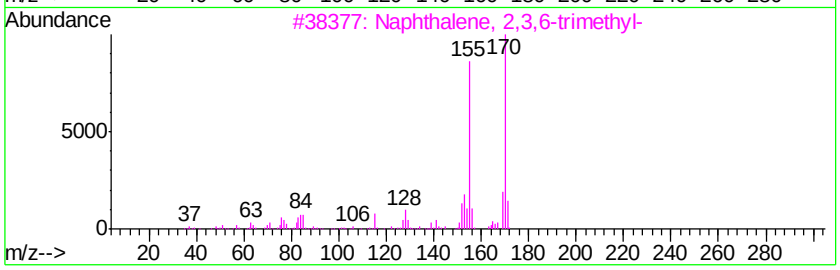
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	13.05 ug/L	593296	1,4-Dichlorobenzene-d4	13.56

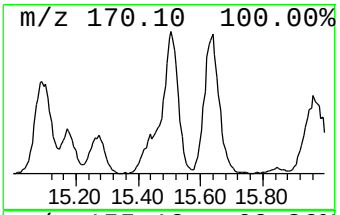
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93

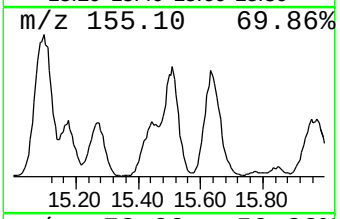


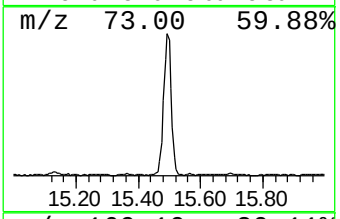


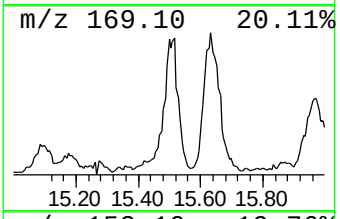


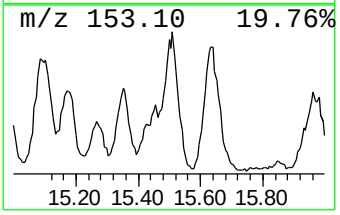












Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111620\
Data File : VW017268.D
Acq On : 16 Nov 2020 19:38
Operator : SY/VA
Sample : VIBLK13
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK13

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

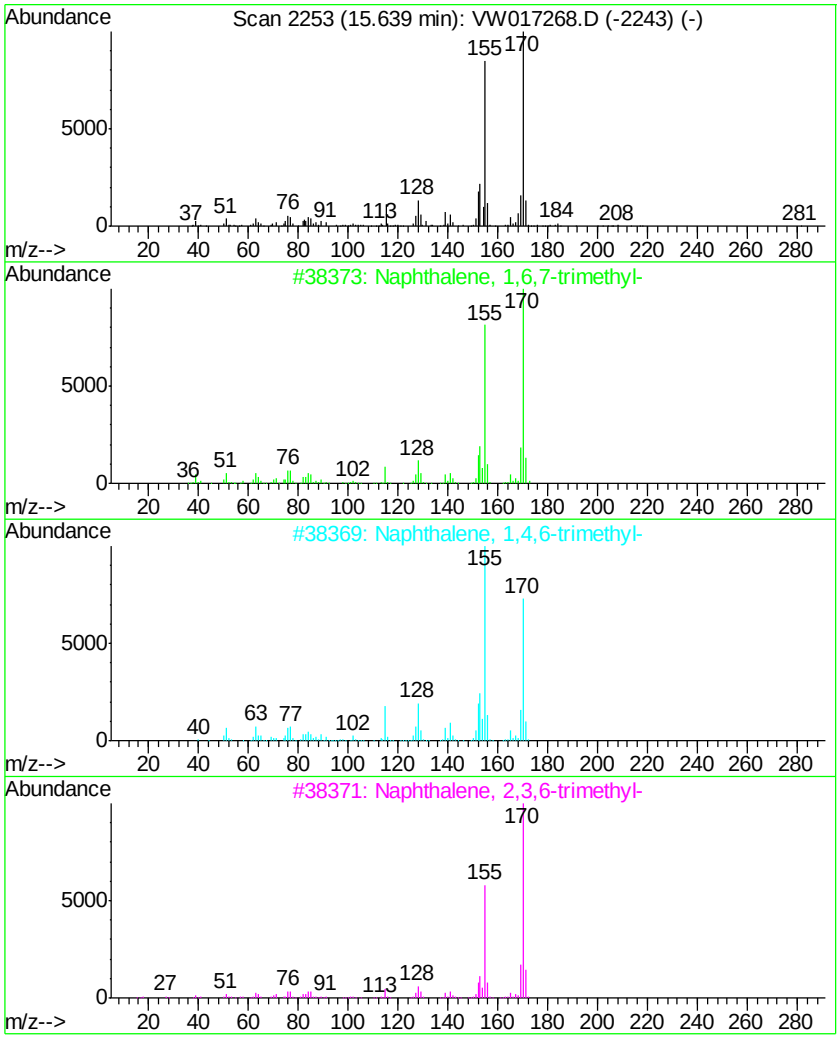
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

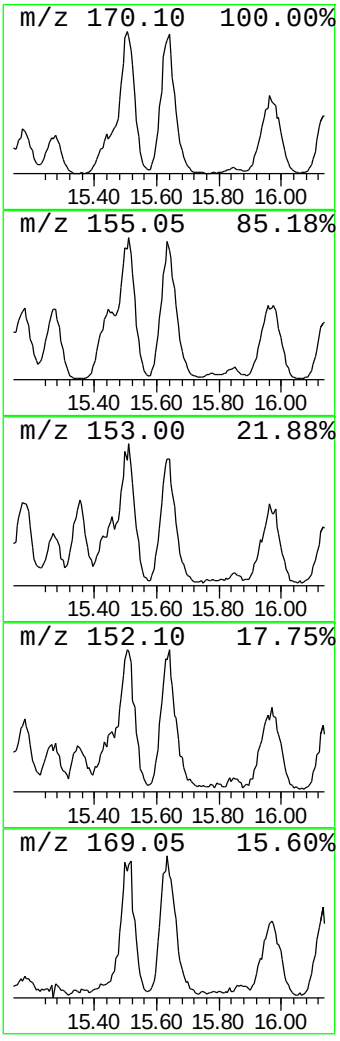
****

Peak Number 21 Naphthalene, 1,6,7-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	12.64 ug/L	574613	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, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	94





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111620\
Data File : VW017268.D
Acq On : 16 Nov 2020 19:38
Operator : SY/VA
Sample : VIBLK13
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK13

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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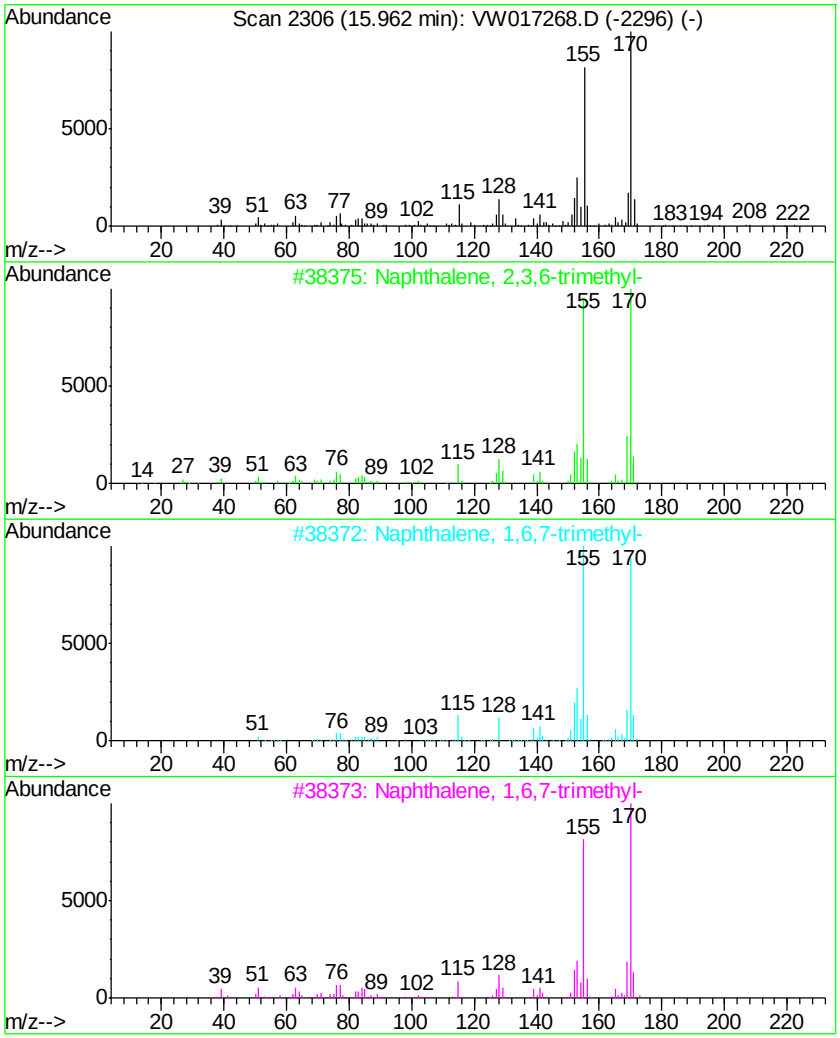
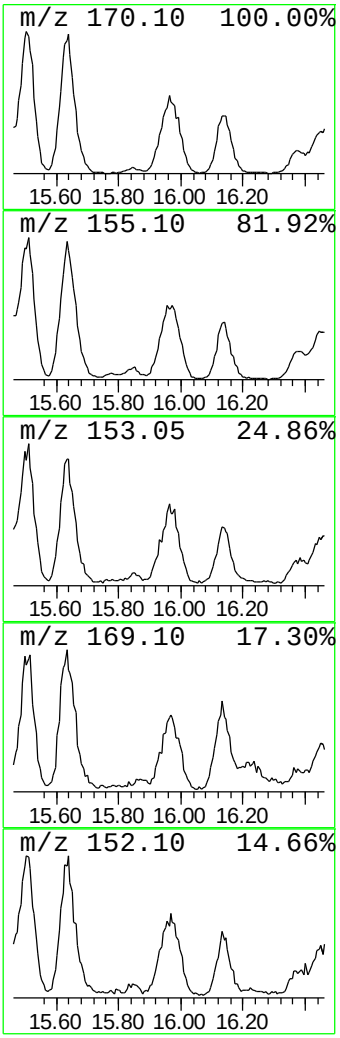
Peak Number 22 unknown-03 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	8.65 ug/L	393342	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, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111620\
Data File : VW017268.D
Acq On : 16 Nov 2020 19:38
Operator : SY/VA
Sample : VIBLK13
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK13

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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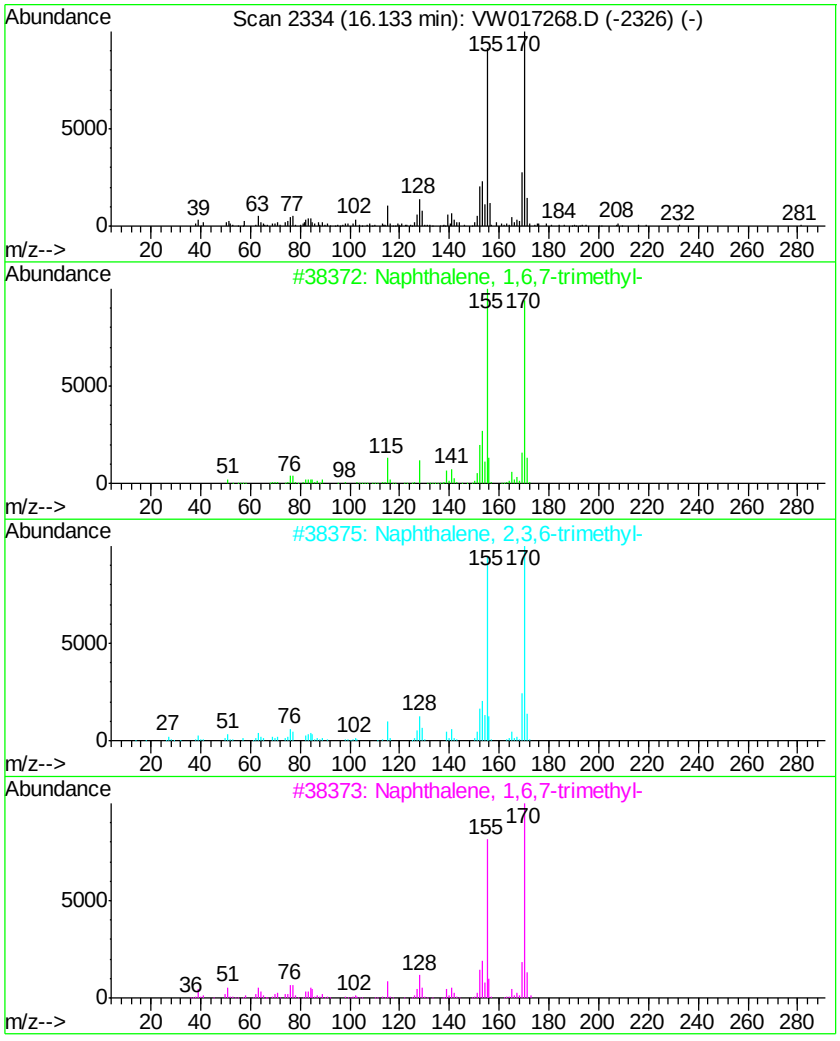
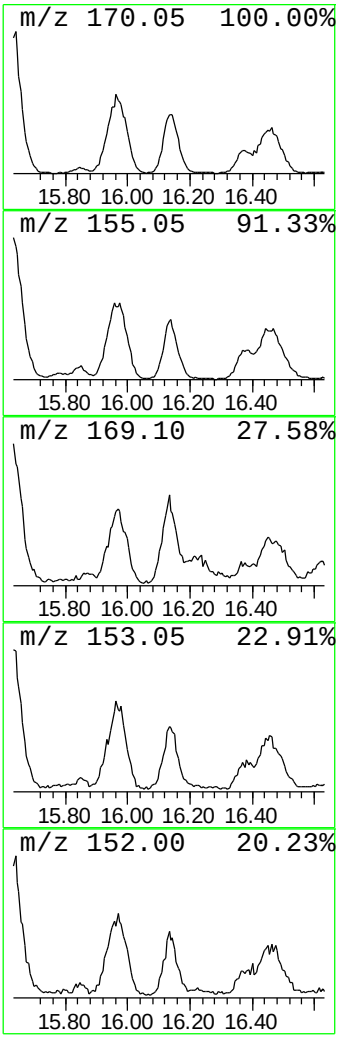
Peak Number 23 unknown-04 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	5.31 ug/L	241564	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, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111620\
Data File : VW017268.D
Acq On : 16 Nov 2020 19:38
Operator : SY/VA
Sample : VIBLK13
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK13

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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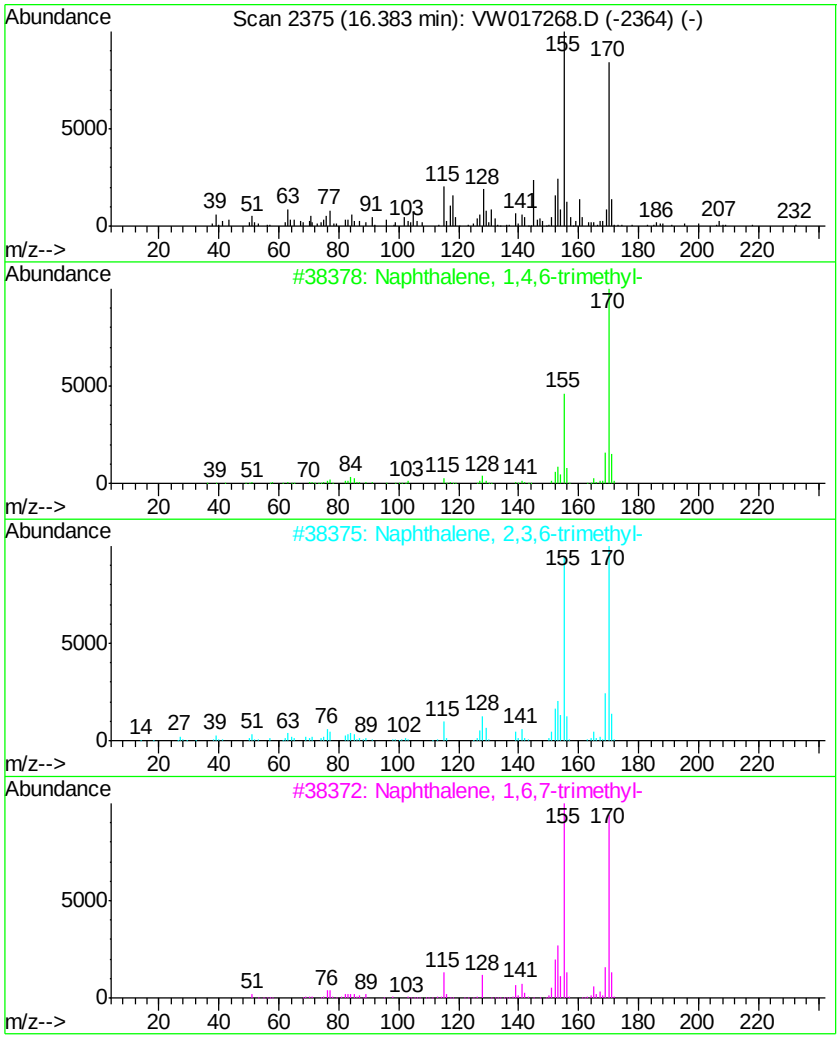
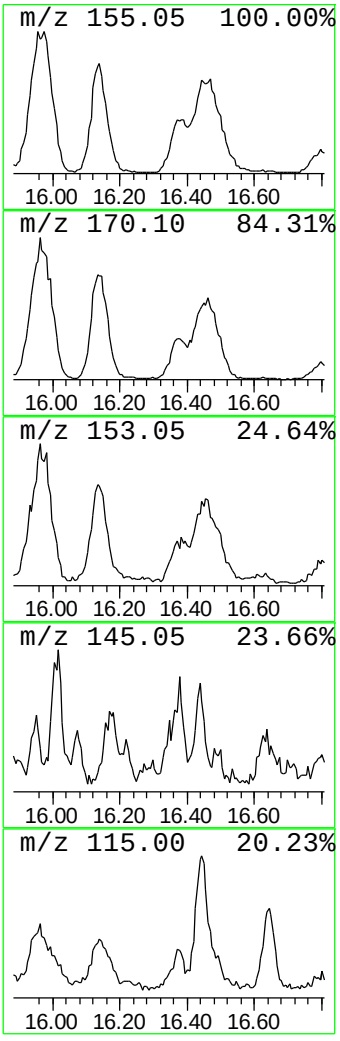
Peak Number 24 unknown-05 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	2.74 ug/L	124399	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	89
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	86
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	83





Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111620\
Data File : VW017268.D
Acq On : 16 Nov 2020 19:38
Operator : SY/VA
Sample : VIBLK13
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK13

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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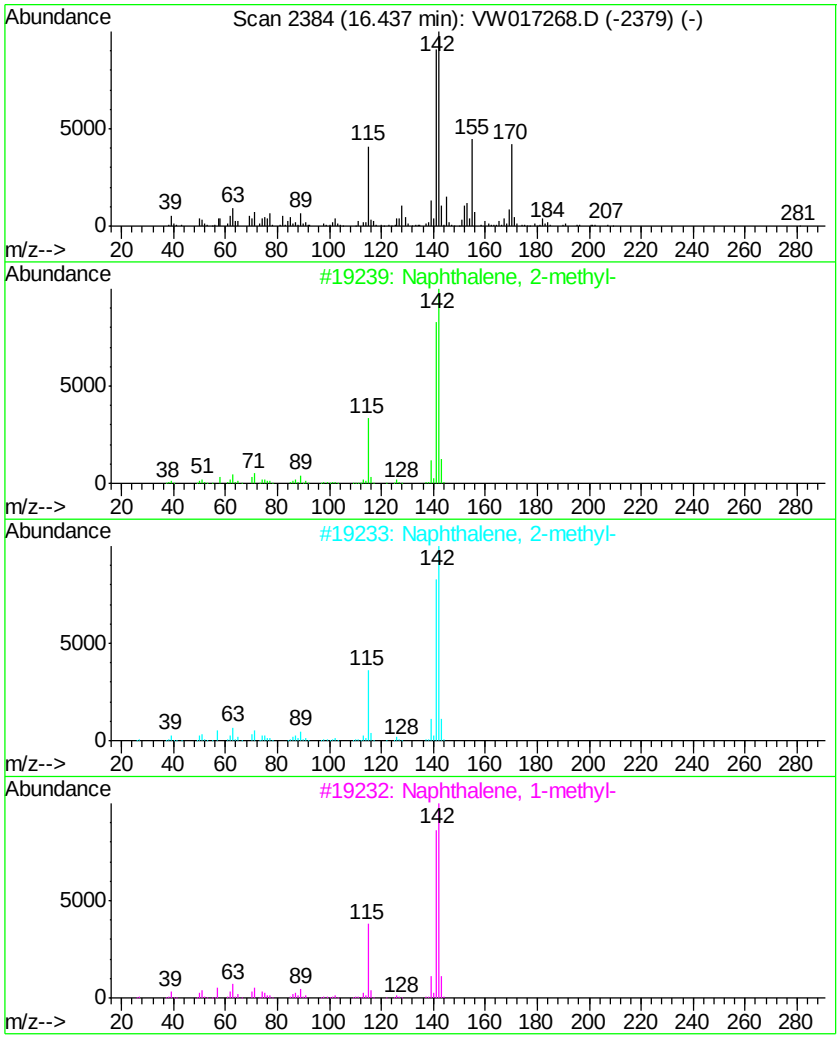
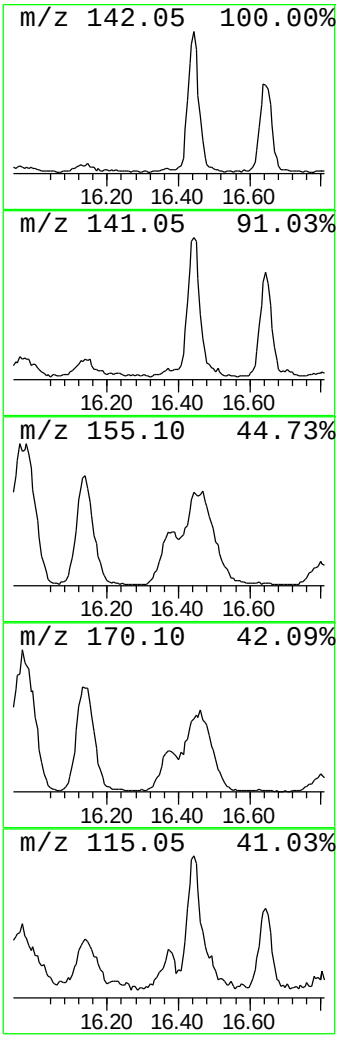
Peak Number 25 Naphthalene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	8.24 ug/L	374453	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	92
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	78





Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111620\
Data File : VW017268.D
Acq On : 16 Nov 2020 19:38
Operator : SY/VA
Sample : VIBLK13
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK13

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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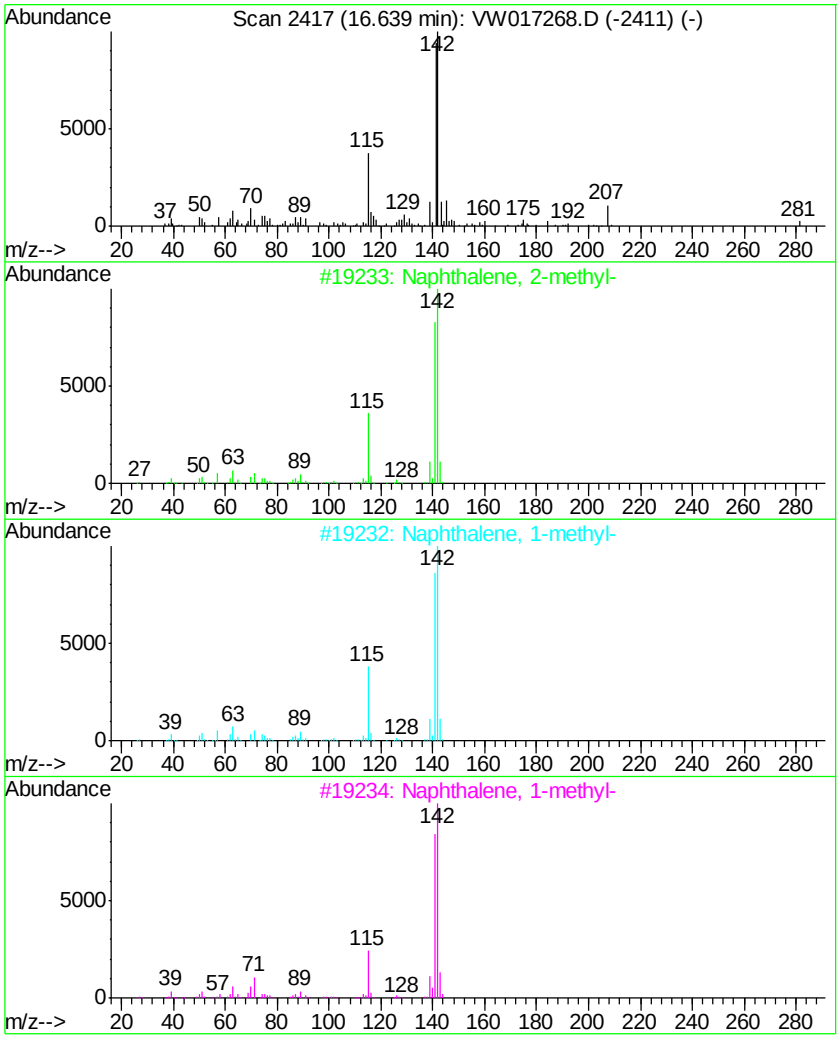
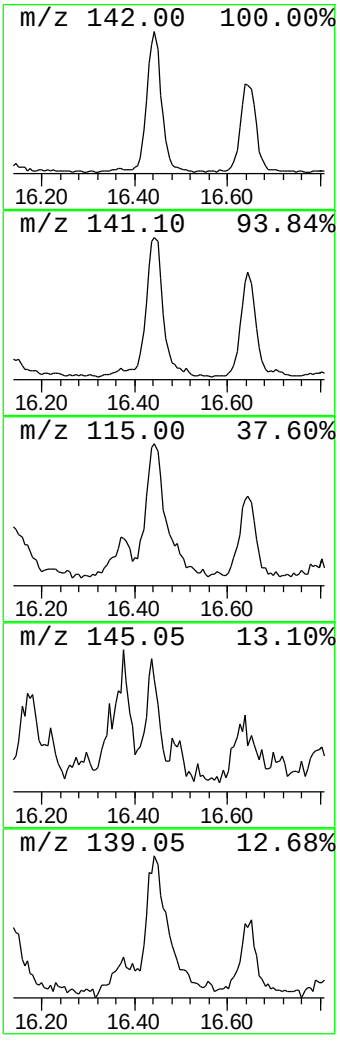
Peak Number 26 Benzocycloheptatriene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.64	1.93 ug/L	87621	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	87
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	87
5	Benzocycloheptatriene	142	C11H10	000264-09-5	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111620\
Data File : VW017268.D
Acq On : 16 Nov 2020 19:38
Operator : SY/VA
Sample : VIBLK13
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK13

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
Naphthalene, 1-et...	12.45	23.8	ug/L	1043520	2	11.63	1095390	25.0
Naphthalene, 2,6-...	12.92	37.6	ug/L	1711930	3	13.56	1136610	25.0
Naphthalene, 2,3-...	13.35	93.4	ug/L	4245740	3	13.56	1136610	25.0
Naphthalene, 1,6-...	13.47	43.5	ug/L	1977050	3	13.56	1136610	25.0
Naphthalene, 1,4-...	13.98	21.1	ug/L	960947	3	13.56	1136610	25.0
Benzaldehyde, 2,4...	14.07	6.9	ug/L	312431	3	13.56	1136610	25.0
Naphthalene, 1,3-...	14.32	14.0	ug/L	635343	3	13.56	1136610	25.0
1,1'-Biphenyl, 3-...	14.56	3.0	ug/L	135248	3	13.56	1136610	25.0
Naphthalene, 1-pr...	14.78	3.6	ug/L	162556	3	13.56	1136610	25.0
Naphthalene, 2-(1...	14.88	1.3	ug/L	57178	3	13.56	1136610	25.0
Naphthalene, 2,3,...	15.10	12.8	ug/L	580405	3	13.56	1136610	25.0
3-(2-Methyl-prope...	15.27	3.4	ug/L	155764	3	13.56	1136610	25.0
unknown-02	15.44	4.4	ug/L	199138	3	13.56	1136610	25.0
Naphthalene, 1,4,...	15.50	13.1	ug/L	593296	3	13.56	1136610	25.0
Naphthalene, 1,6,...	15.64	12.6	ug/L	574613	3	13.56	1136610	25.0
unknown-03	15.96	8.7	ug/L	393342	3	13.56	1136610	25.0
unknown-04	16.13	5.3	ug/L	241564	3	13.56	1136610	25.0
unknown-05	16.38	2.7	ug/L	124399	3	13.56	1136610	25.0
Naphthalene, 1-me...	16.44	8.2	ug/L	374453	3	13.56	1136610	25.0
Benzocycloheptatr...	16.64	1.9	ug/L	87621	3	13.56	1136610	25.0