

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111220\
 Data File : VW017193.D
 Acq On : 12 Nov 2020 18:29
 Operator : SY/VA
 Sample : VIBLK06
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK06

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 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	2.154	36	41	45	rBV2	1237	2380	0.07%	0.010%
2	2.203	45	49	51	rVV4	1497	2714	0.08%	0.011%
3	2.227	51	53	57	rVV4	1477	2447	0.07%	0.010%
4	2.257	57	58	60	rVV2	1248	1126	0.03%	0.005%
5	2.300	62	65	67	rVV4	1215	2051	0.06%	0.008%
6	2.355	67	74	86	rVV	92795	182629	5.27%	0.750%
7	2.434	86	87	91	rVB4	952	1184	0.03%	0.005%
8	2.526	99	102	103	rBV3	977	834	0.02%	0.003%
9	2.806	146	148	152	rVB5	877	1137	0.03%	0.005%
10	2.891	152	162	178	rBV	65290	167071	4.82%	0.686%
11	3.013	178	182	184	rVB5	862	1151	0.03%	0.005%
12	3.032	184	185	188	rBV3	571	356	0.01%	0.001%
13	3.062	188	190	192	rBV2	624	385	0.01%	0.002%
14	3.379	237	242	243	rBV2	534	771	0.02%	0.003%
15	3.397	243	245	250	rVB3	731	989	0.03%	0.004%
16	3.483	256	259	262	rVB2	274	325	0.01%	0.001%
17	3.550	268	270	273	rVB2	461	389	0.01%	0.002%
18	3.690	286	293	299	rBV4	658	1360	0.04%	0.006%
19	4.019	335	347	363	rBV	144087	451147	13.02%	1.853%
20	4.166	370	371	375	rVB2	413	364	0.01%	0.001%
21	4.202	375	377	379	rVB2	365	297	0.01%	0.001%
22	4.220	379	380	383	rVB2	347	332	0.01%	0.001%
23	4.385	399	407	422	rVB4	1630	5789	0.17%	0.024%
24	4.922	483	495	514	rBV3	22378	83130	2.40%	0.341%
25	5.117	522	527	528	rBV3	473	629	0.02%	0.003%
26	5.214	542	543	548	rVB2	321	312	0.01%	0.001%
27	5.428	576	578	583	rVB2	232	346	0.01%	0.001%
28	5.726	622	627	628	rBV2	304	427	0.01%	0.002%
29	5.812	639	641	647	rVB2	183	347	0.01%	0.001%
30	5.940	654	662	671	rVB4	2925	9094	0.26%	0.037%
31	6.196	701	704	706	rBV2	228	309	0.01%	0.001%
32	7.080	837	849	854	rBV2	37766	104210	3.01%	0.428%
33	7.141	854	859	872	rVB2	30066	83551	2.41%	0.343%
34	7.330	885	890	893	rVB4	550	682	0.02%	0.003%

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 Title : VOC Analysis

35	7.360	893	895	896	rBV2	541	278	0.01%	0.001%
36	7.403	901	902	906	rVB2	371	289	0.01%	0.001%
37	7.653	930	943	954	rBV	232541	566850	16.36%	2.328%
38	7.781	961	964	967	rBV3	401	413	0.01%	0.002%
39	7.842	972	974	976	rVB3	462	280	0.01%	0.001%
40	7.872	976	979	981	rBV3	777	931	0.03%	0.004%
41	7.951	984	992	996	rBV5	1790	3714	0.11%	0.015%
42	7.988	996	998	1002	rBV5	476	426	0.01%	0.002%
43	8.067	1006	1011	1012	rBV4	765	885	0.03%	0.004%
44	8.110	1017	1018	1020	rVB2	737	437	0.01%	0.002%
45	8.134	1020	1022	1023	rBV	640	605	0.02%	0.002%
46	8.153	1023	1025	1026	rBV	539	352	0.01%	0.001%
47	8.171	1026	1028	1029	rBV2	397	347	0.01%	0.001%
48	8.275	1033	1045	1061	rBV2	429359	1334053	38.50%	5.478%
49	8.397	1063	1065	1070	rVB5	1733	1931	0.06%	0.008%
50	8.433	1070	1071	1072	rBV	715	384	0.01%	0.002%
51	8.488	1078	1080	1081	rBV2	440	360	0.01%	0.001%
52	8.518	1083	1085	1088	rBV3	498	602	0.02%	0.002%
53	8.549	1088	1090	1092	rVB3	498	464	0.01%	0.002%
54	8.604	1096	1099	1100	rBV2	908	975	0.03%	0.004%
55	8.628	1100	1103	1104	rBV3	547	530	0.02%	0.002%
56	8.683	1110	1112	1117	rBV6	1257	1815	0.05%	0.007%
57	8.768	1124	1126	1129	rVB4	794	853	0.02%	0.004%
58	8.842	1129	1138	1149	rBV	478639	973402	28.09%	3.997%
59	8.921	1149	1151	1155	rVB4	835	1102	0.03%	0.005%
60	9.079	1173	1177	1183	rBV9	3000	5452	0.16%	0.022%
61	9.274	1201	1209	1219	rBV	280796	582228	16.80%	2.391%
62	9.451	1236	1238	1240	rBV2	753	950	0.03%	0.004%
63	9.555	1253	1255	1258	rBV3	1143	1345	0.04%	0.006%
64	9.598	1260	1262	1263	rVB2	966	630	0.02%	0.003%
65	9.658	1270	1272	1277	rVB6	1785	2228	0.06%	0.009%
66	9.768	1288	1290	1296	rBV6	2003	2615	0.08%	0.011%
67	9.884	1306	1309	1310	rBV3	1591	1869	0.05%	0.008%
68	10.036	1326	1334	1342	rBV	165812	302956	8.74%	1.244%
69	10.207	1359	1362	1364	rBV3	3898	4939	0.14%	0.020%
70	10.323	1374	1381	1389	rBV	640006	1143993	33.01%	4.698%
71	10.579	1417	1423	1431	rBV	104252	177305	5.12%	0.728%

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72	10.707	1438	1444	1451	rVB	88473	158682	4.58%	0.652%
73	10.927	1474	1480	1487	rBV	156744	271640	7.84%	1.115%
74	11.067	1498	1503	1508	rBV2	37870	96053	2.77%	0.394%
75	11.439	1560	1564	1573	rVB	68387	121273	3.50%	0.498%
76	11.634	1589	1596	1608	rVB	690541	1177608	33.98%	4.836%
77	12.445	1717	1729	1750	rBV2	145072	1011811	29.20%	4.155%
78	12.609	1752	1756	1763	rVV	153272	273116	7.88%	1.121%
79	12.695	1764	1770	1777	rVB	278497	497445	14.36%	2.043%
80	12.896	1787	1803	1806	rBV3	347637	1399068	40.38%	5.745%
81	13.335	1861	1875	1888	rBV3	710833	3465171	100.00%	14.229%
82	13.463	1888	1896	1907	rVV2	409962	1718603	49.60%	7.057%
83	13.560	1907	1912	1919	rVB	721862	1172963	33.85%	4.817%
84	13.853	1954	1960	1970	rBV	658722	1334960	38.53%	5.482%
85	13.969	1972	1979	1991	rVV3	271746	947582	27.35%	3.891%
86	14.072	1991	1996	2006	rVB2	93303	221763	6.40%	0.911%
87	14.316	2027	2036	2057	rVB2	139546	565521	16.32%	2.322%
88	14.554	2069	2075	2084	rVB2	47172	130205	3.76%	0.535%
89	14.773	2105	2111	2120	rVB3	62323	166058	4.79%	0.682%
90	14.877	2123	2128	2130	rBV2	31675	56931	1.64%	0.234%
91	15.084	2153	2162	2171	rBV	174027	608523	17.56%	2.499%
92	15.267	2185	2192	2200	rVB3	52588	154830	4.47%	0.636%
93	15.438	2212	2220	2223	rBV3	64301	171592	4.95%	0.705%
94	15.499	2225	2230	2241	rVB4	172081	533154	15.39%	2.189%
95	15.633	2243	2252	2273	rVB2	158885	590182	17.03%	2.423%
96	15.962	2296	2306	2320	rVB	91142	390111	11.26%	1.602%
97	16.133	2325	2334	2346	rVB4	72687	251673	7.26%	1.033%
98	16.377	2364	2374	2378	rBV3	38180	127189	3.67%	0.522%
99	16.444	2379	2385	2407	rVV4	100647	425615	12.28%	1.748%
100	16.645	2411	2418	2427	rVB3	34260	84584	2.44%	0.347%

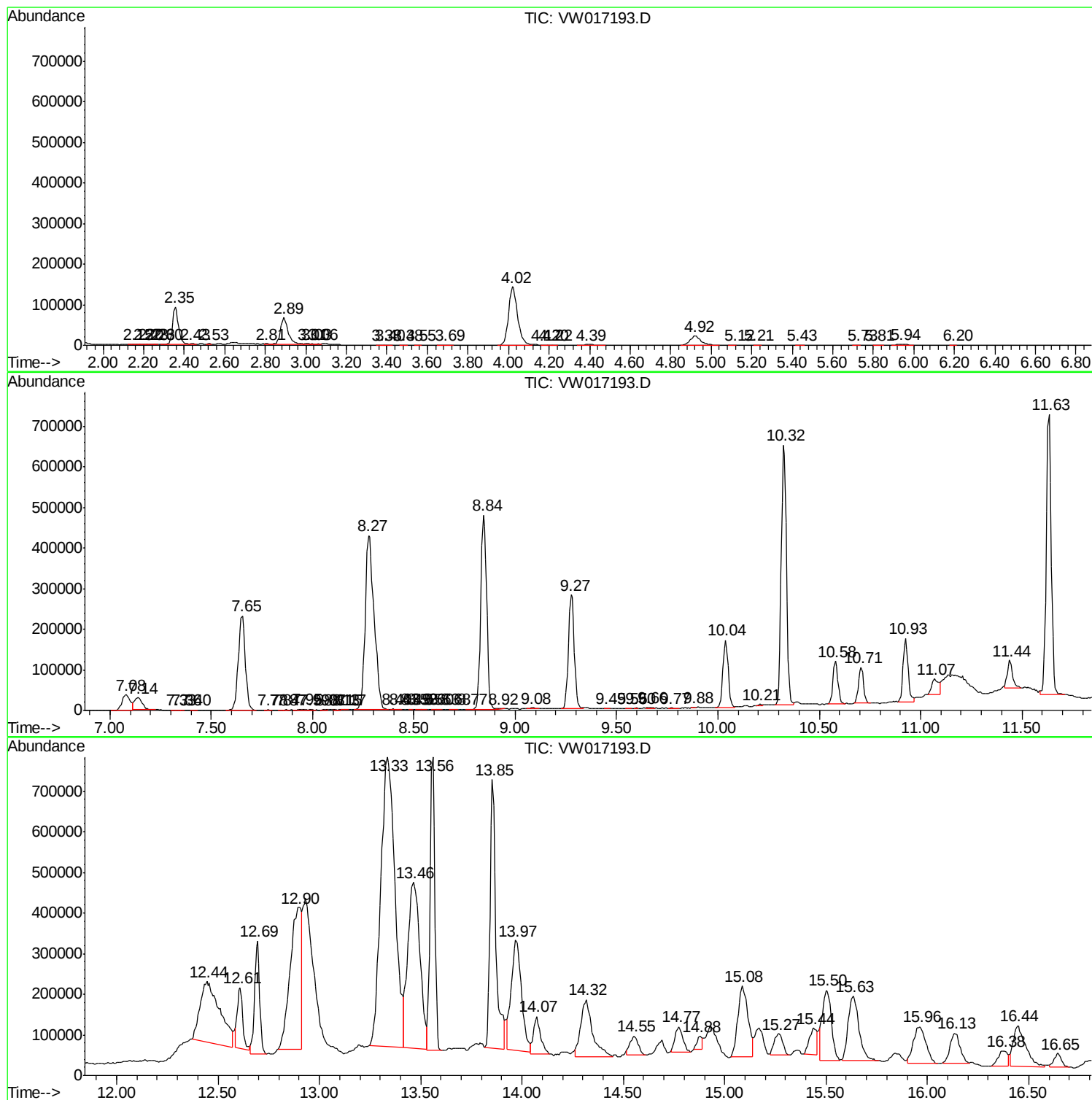
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ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Instrument :
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VIBLK06

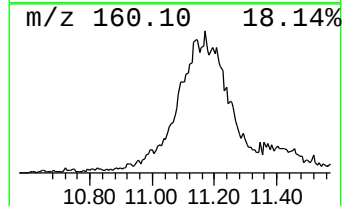
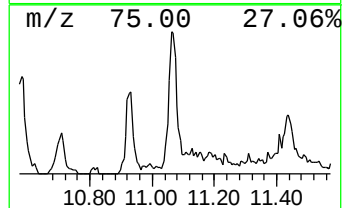
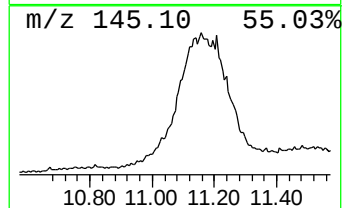
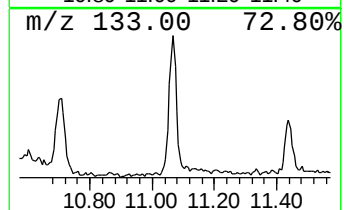
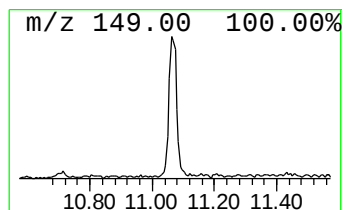
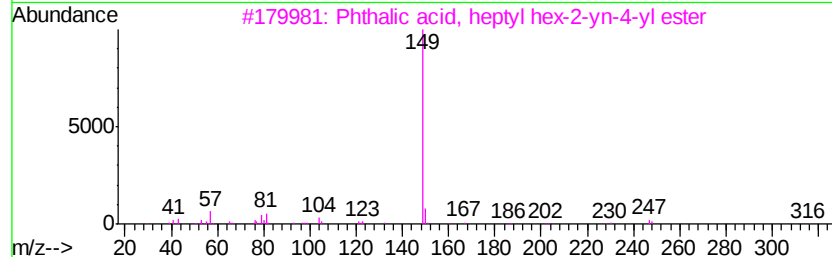
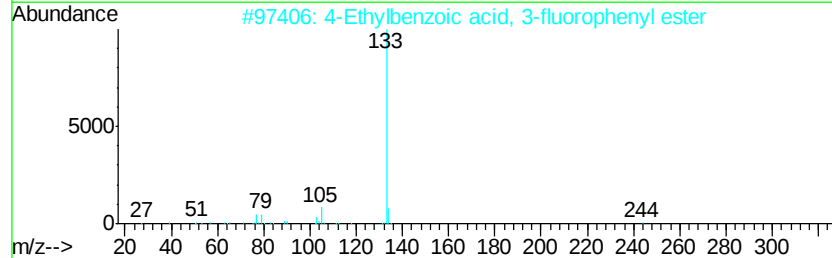
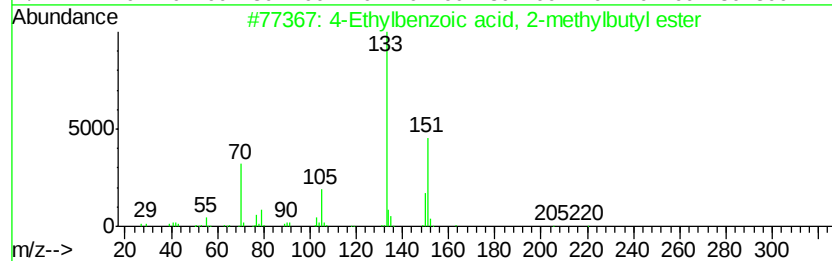
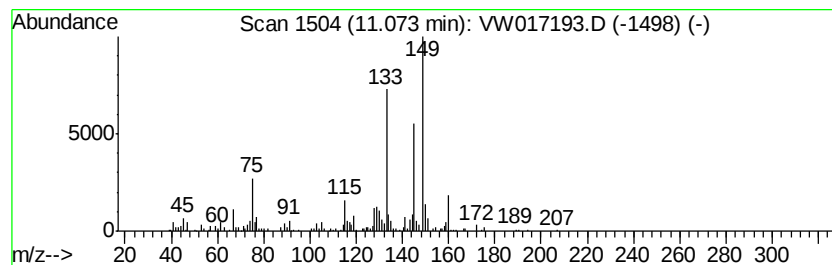
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

Peak Number 4 unknown-01 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	2.04 ug/L	96053	Chlorobenzene-d5	11.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-Ethylbenzoic acid, 2-methylbut...	220	C14H20O2	1000331-30-8	22
2		4-Ethylbenzoic acid, 3-fluorophe...	244	C15H13F02	1000331-31-0	14
3		Phthalic acid, heptyl hex-2-yn-4...	344	C21H28O4	1000315-19-4	14
4		Phthalic acid, butyl 2,7-dimethy...	356	C22H28O4	1000315-49-0	14
5		1H-Benzimidazol-2-amine	133	C7H7N3	000934-32-7	14



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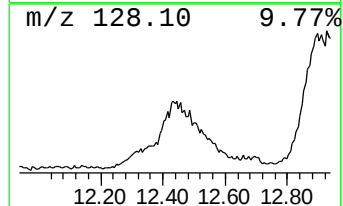
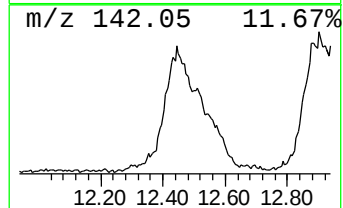
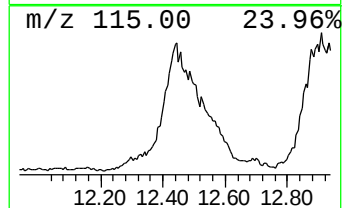
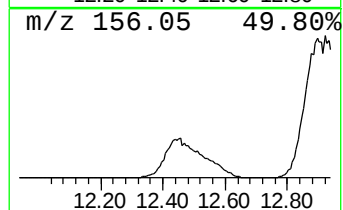
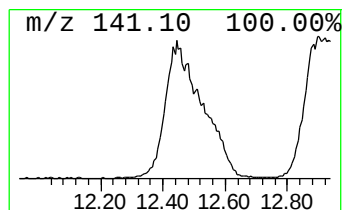
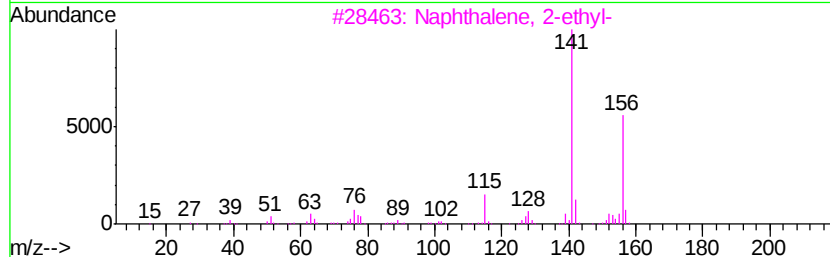
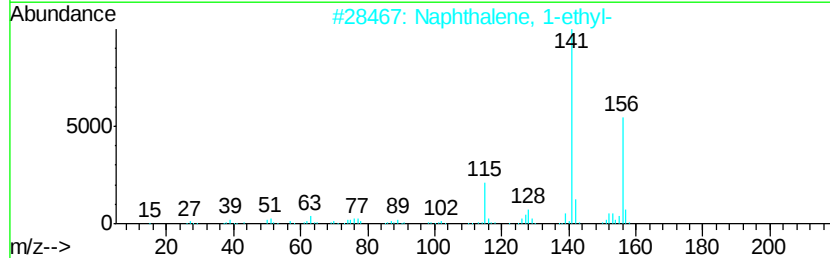
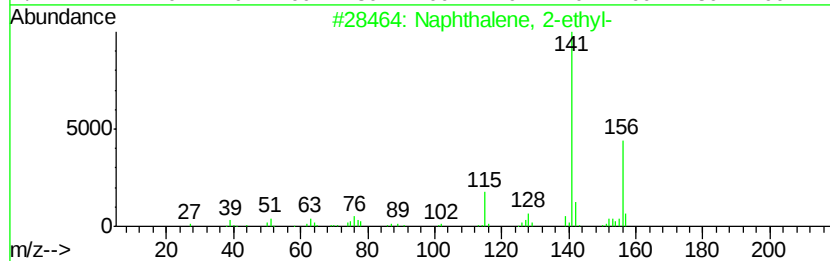
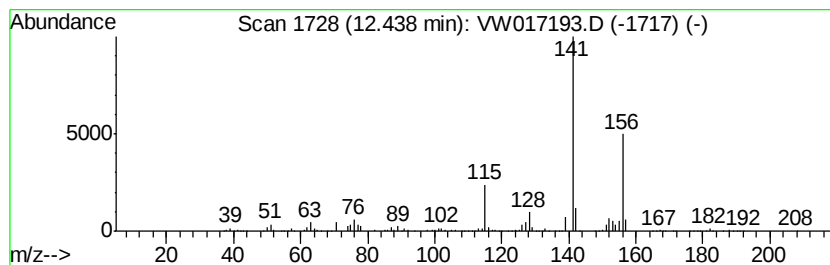
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Quant Title : VOC Analysis

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

Peak Number 6 Naphthalene, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	21.48 ug/L	1011810	Chlorobenzene-d5	11.63

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



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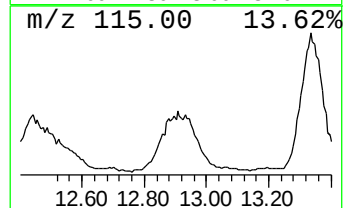
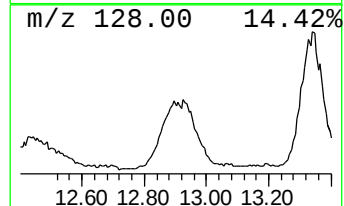
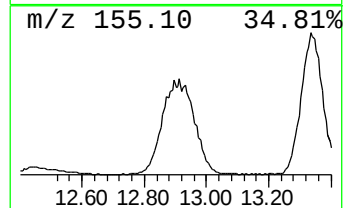
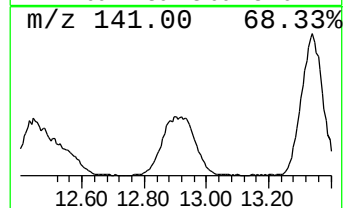
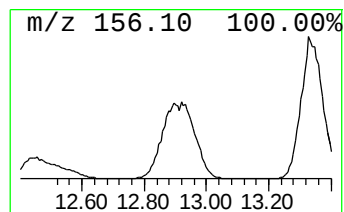
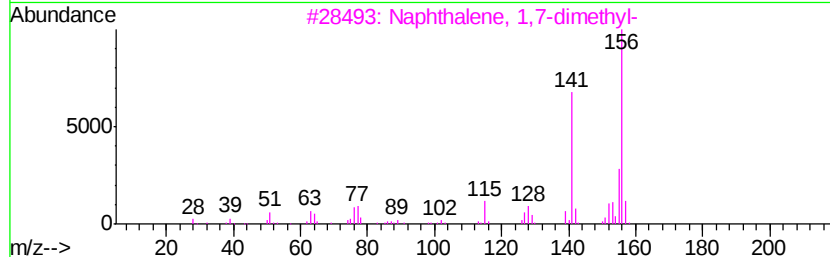
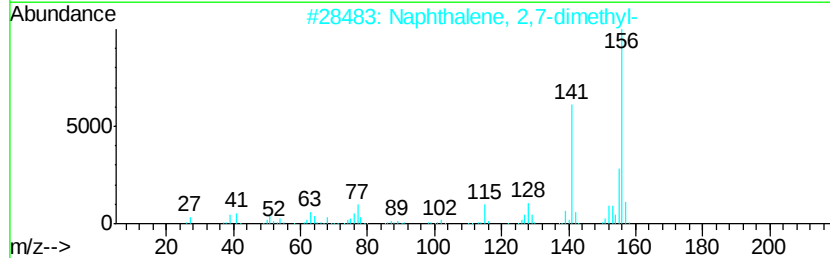
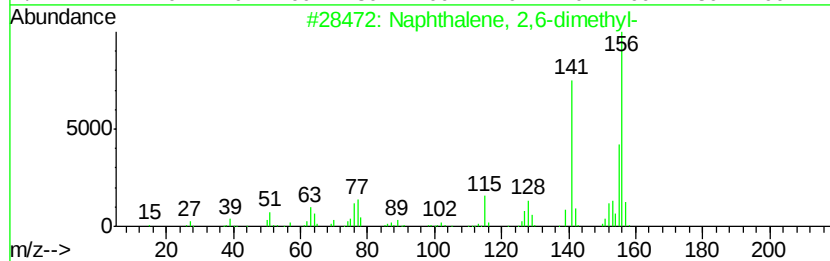
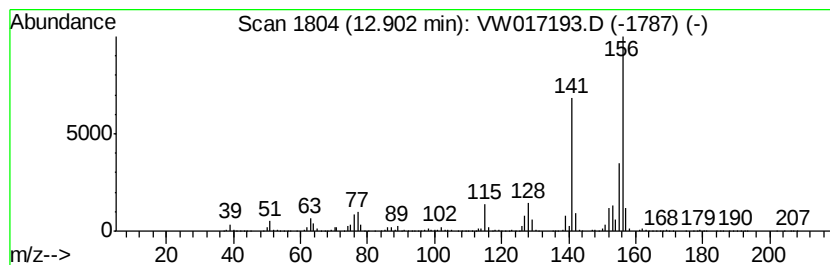
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Peak Number 8 Naphthalene, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	29.82 ug/L	1399070	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, 1,7-dimethyl-	156 C12H12	000575-37-1 97
4		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96
5		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111220\
Data File : VW017193.D
Acq On : 12 Nov 2020 18:29
Operator : SY/VA
Sample : VIBLK06
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK06

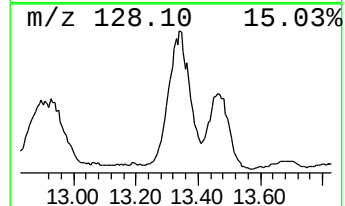
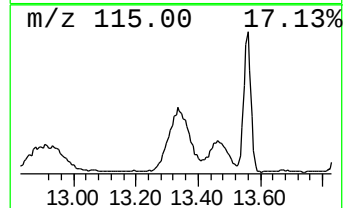
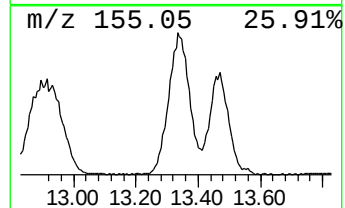
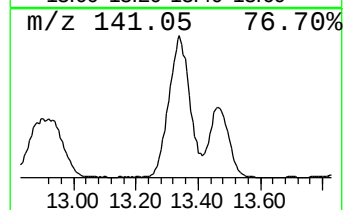
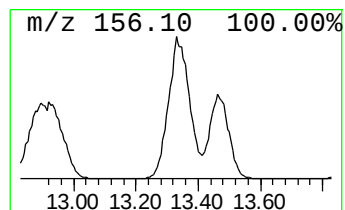
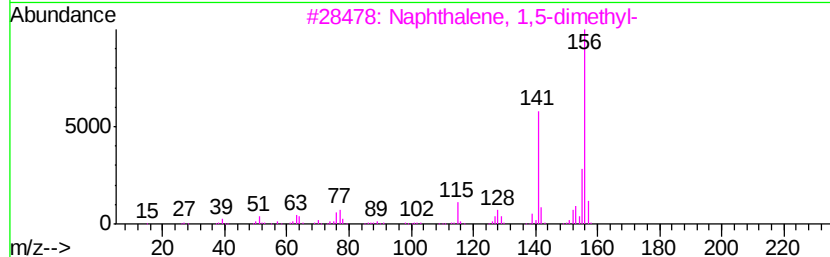
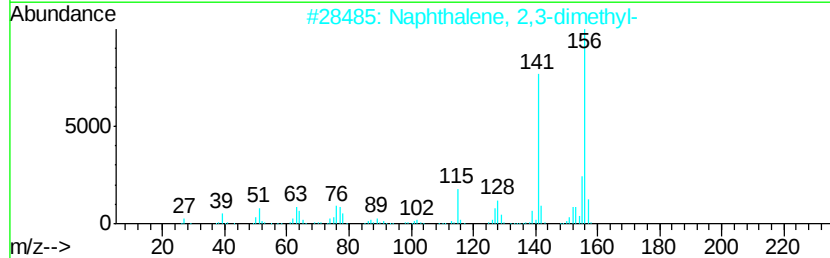
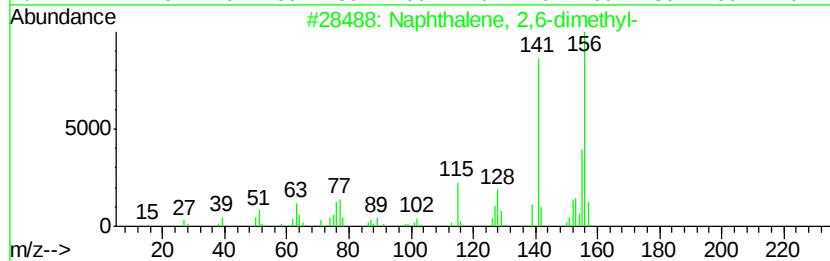
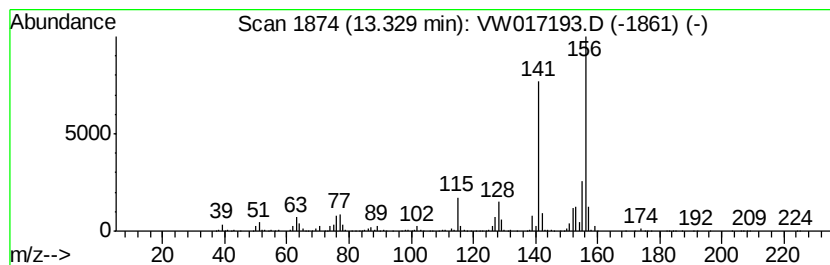
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Quant Title : VOC Analysis

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.
13.33	73.86 ug/L	3465170	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111220\
Data File : VW017193.D
Acq On : 12 Nov 2020 18:29
Operator : SY/VA
Sample : VIBLK06
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK06

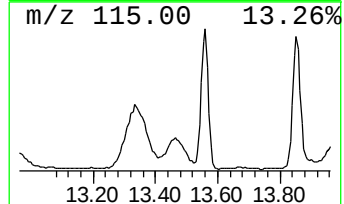
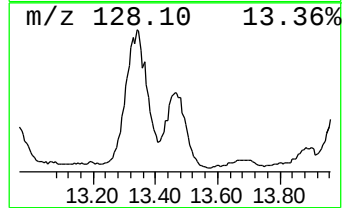
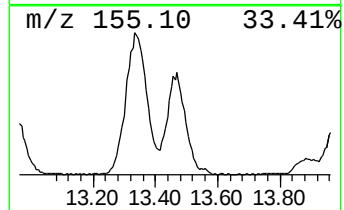
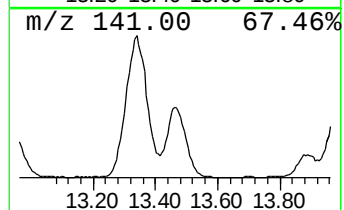
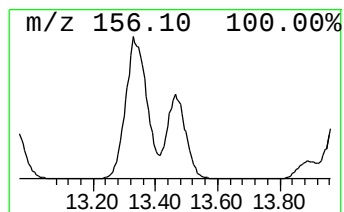
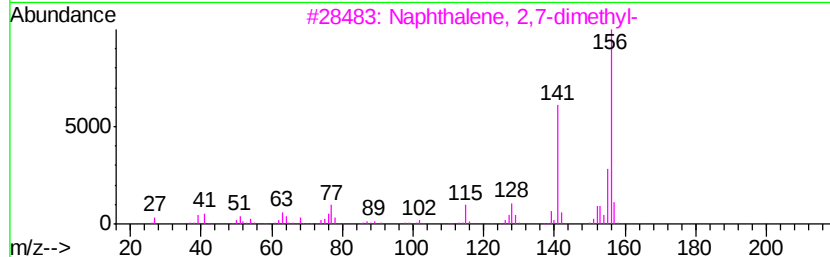
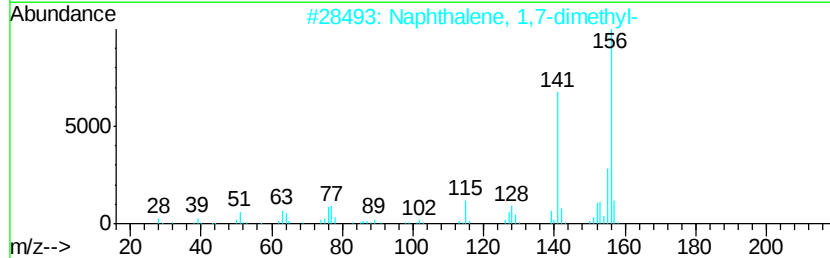
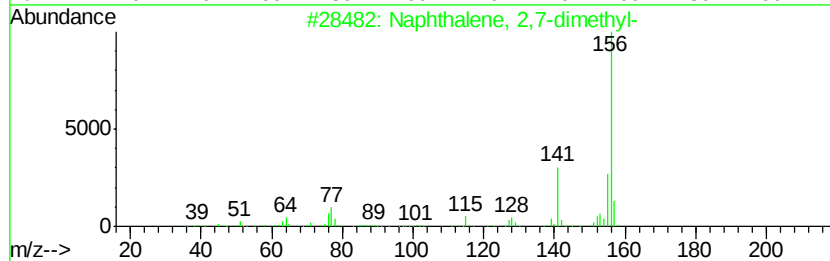
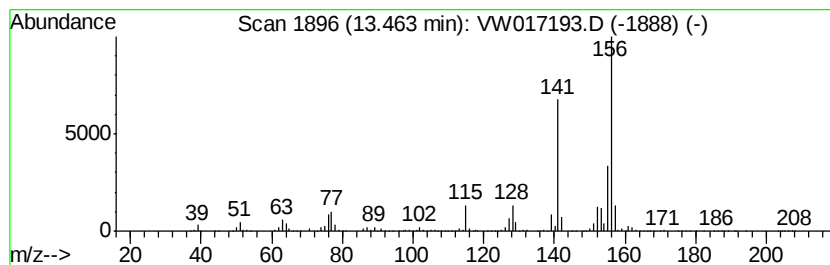
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Quant Title : VOC Analysis

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.
13.46	36.63 ug/L	1718600	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, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111220\
Data File : VW017193.D
Acq On : 12 Nov 2020 18:29
Operator : SY/VA
Sample : VIBLK06
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

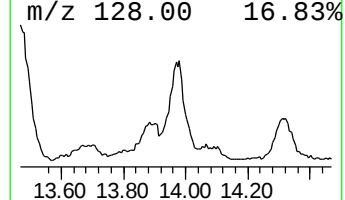
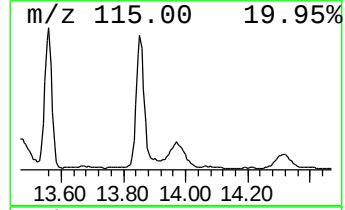
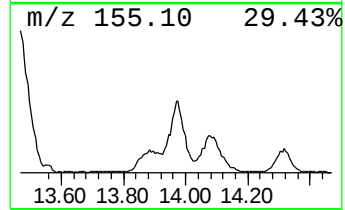
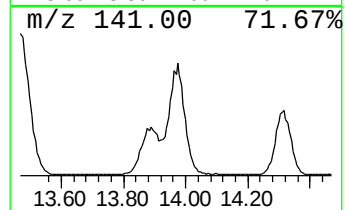
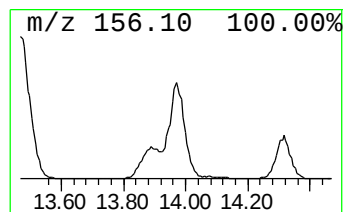
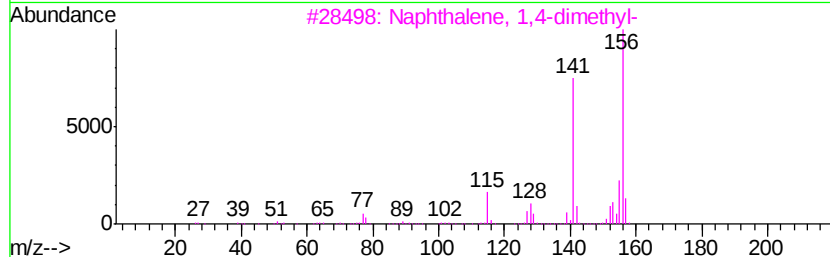
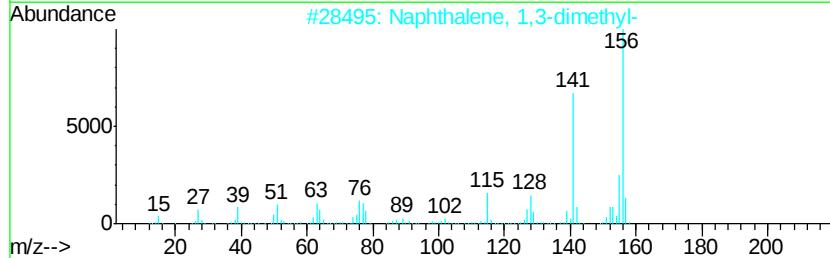
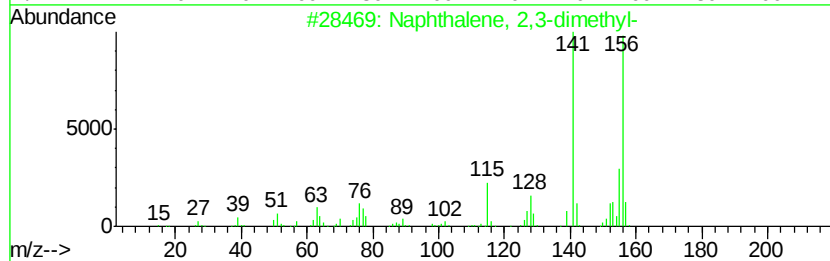
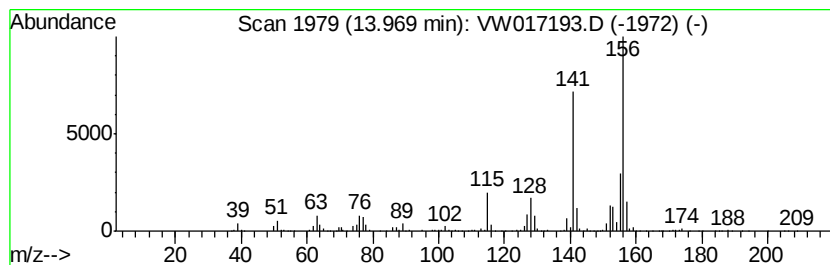
Instrument :
MSVOA_W
ClientSampleId :
VIBLK06

Quant Method : Z:\V0ASRV\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.	
13.97	20.20 ug/L	947582	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, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111220\
Data File : VW017193.D
Acq On : 12 Nov 2020 18:29
Operator : SY/VA
Sample : VIBLK06
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

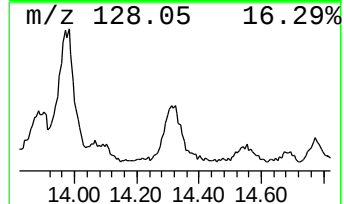
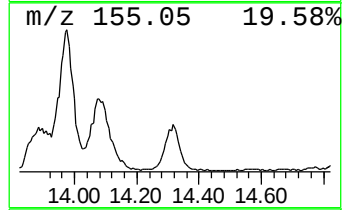
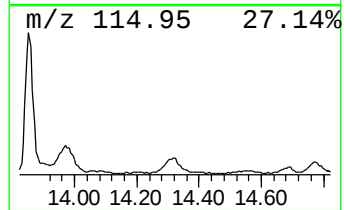
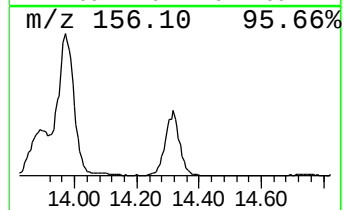
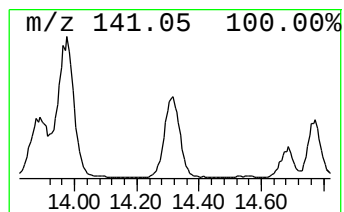
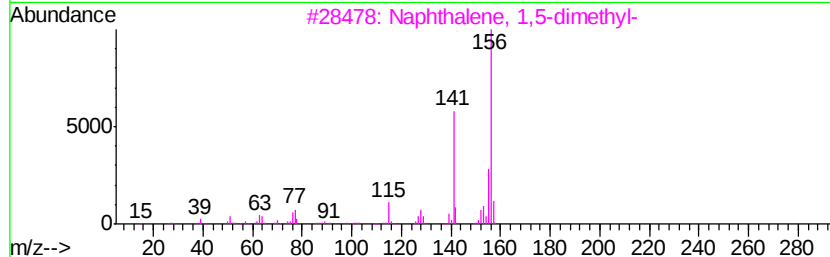
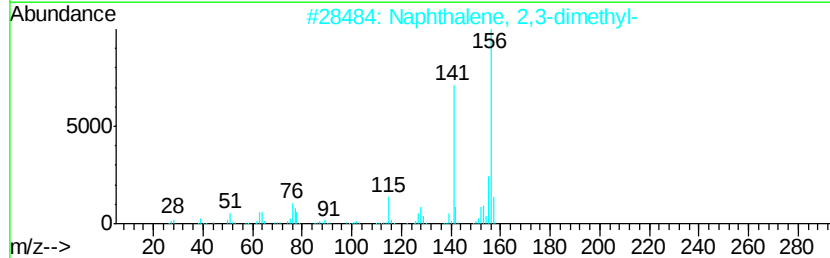
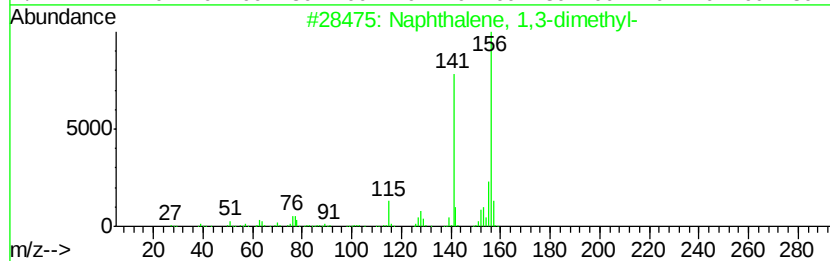
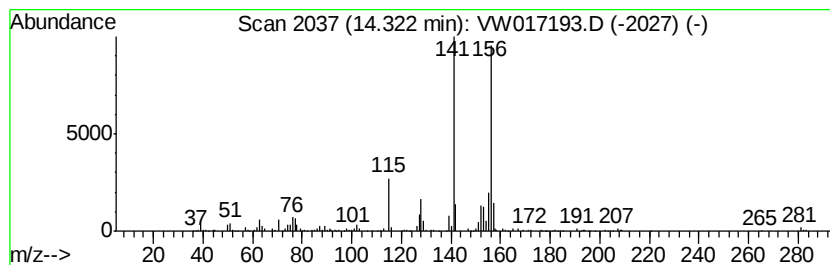
Instrument :
MSVOA_W
ClientSampleId :
VIBLK06

Quant Method : Z:\V0ASRV\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 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.32	12.05 ug/L	565521	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 97
2		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
3		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
4		Naphthalene, 1,2-dimethyl-	156 C12H12	000573-98-8 96
5		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 96



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111220\
Data File : VW017193.D
Acq On : 12 Nov 2020 18:29
Operator : SY/VA
Sample : VIBLK06
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

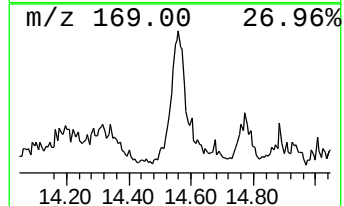
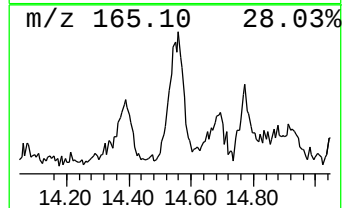
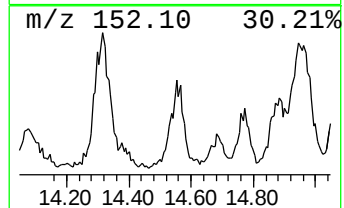
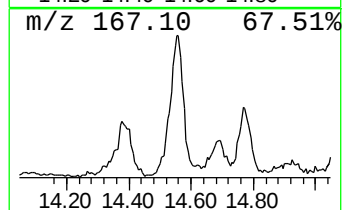
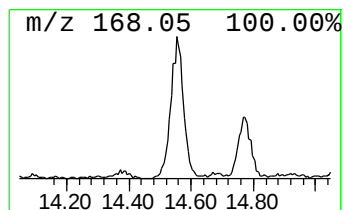
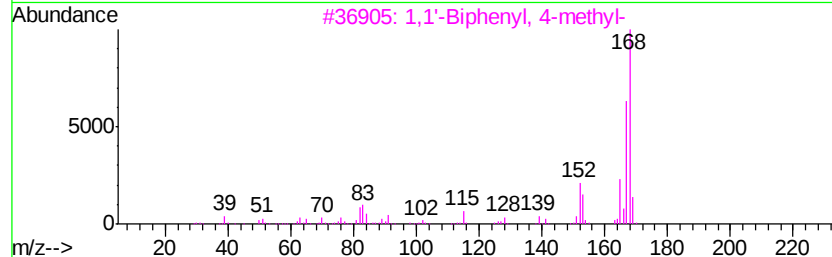
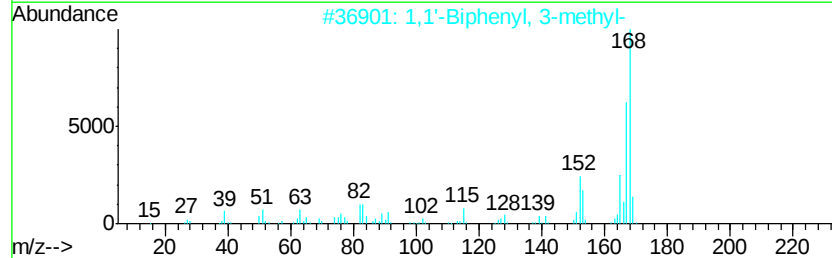
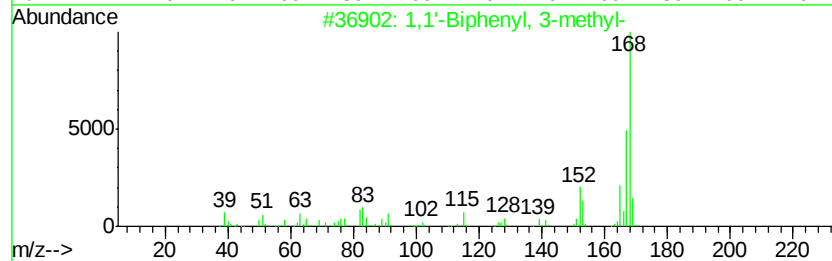
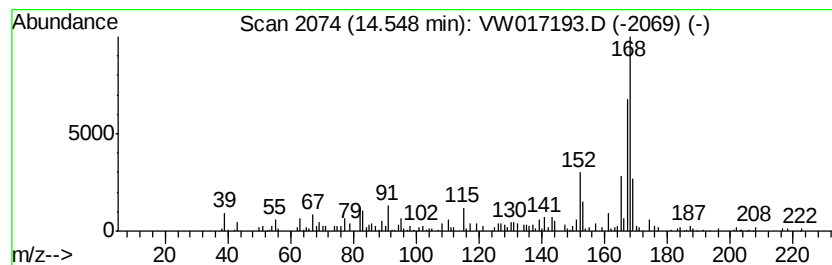
Instrument :
MSVOA_W
ClientSampleId :
VIBLK06

Quant Method : Z:\V0ASRV\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 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	2.78 ug/L	130205	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	90
3	1,1'-Biphenyl, 4-methyl-	168 C13H12	000644-08-6	81
4	1,1'-Biphenyl, 3-methyl-	168 C13H12	000643-93-6	81
5	1,1'-Biphenyl, 4-methyl-	168 C13H12	000644-08-6	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111220\
Data File : VW017193.D
Acq On : 12 Nov 2020 18:29
Operator : SY/VA
Sample : VIBLK06
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK06

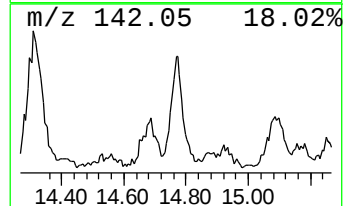
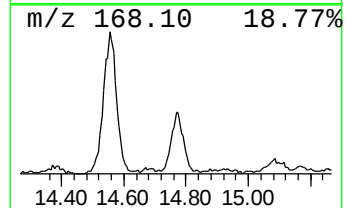
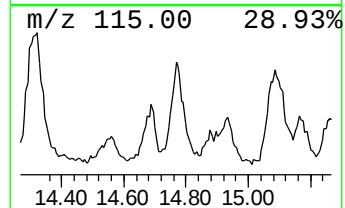
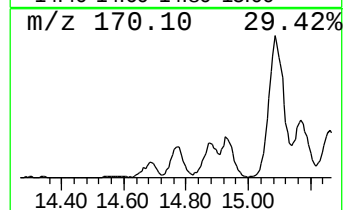
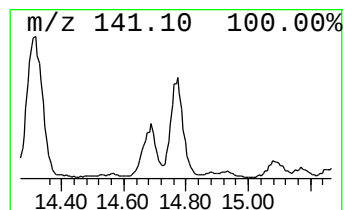
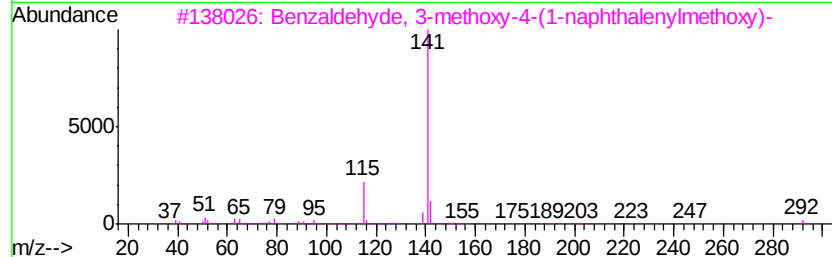
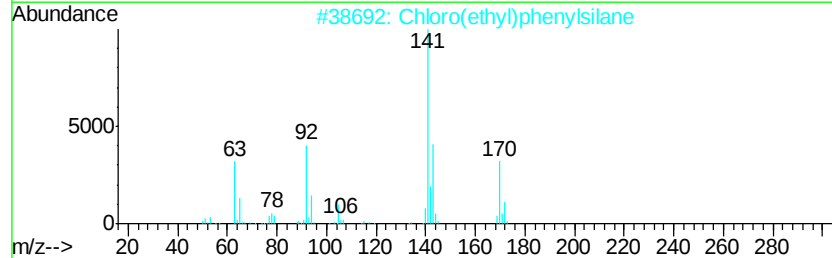
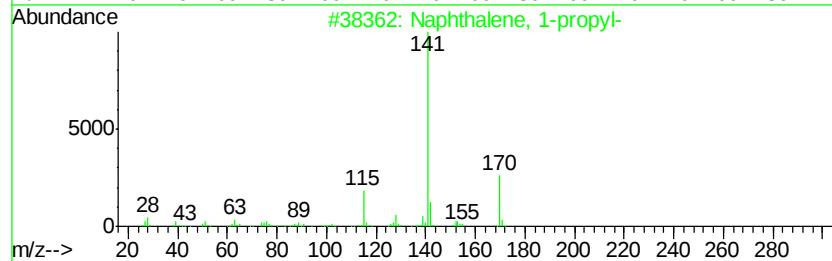
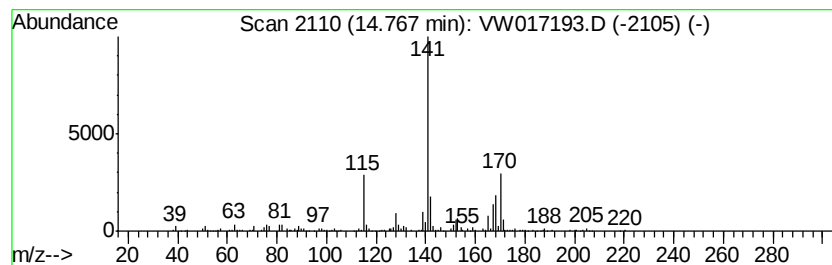
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Quant Title : VOC Analysis

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

Peak Number 15 Naphthalene, 1-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	3.54 ug/L	166058	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-propyl-	170	C13H14	002765-18-6	87
2		Chloro(ethyl)phenylsilane	170	C8H11ClSi	1000305-90-4	58
3		Benzaldehyde, 3-methoxy-4-(1-nap...	292	C19H16O3	1000338-37-2	47
4		1,6-Dioxaspiro[4.5]decane, 2-eth...	170	C10H18O2	076495-09-5	47
5		1-Ethanone, 1-[3-methoxy-4-(1-na...	306	C20H18O3	1000338-31-5	43



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111220\
Data File : VW017193.D
Acq On : 12 Nov 2020 18:29
Operator : SY/VA
Sample : VIBLK06
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK06

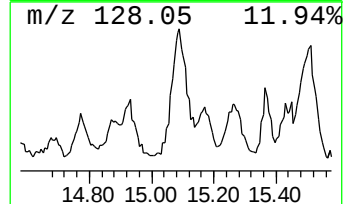
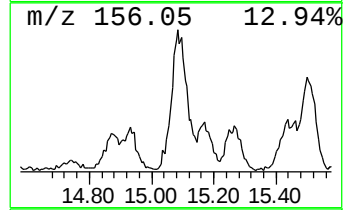
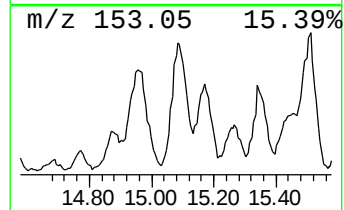
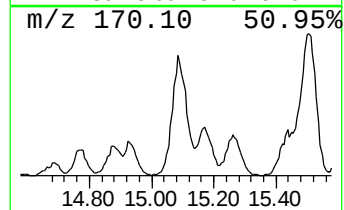
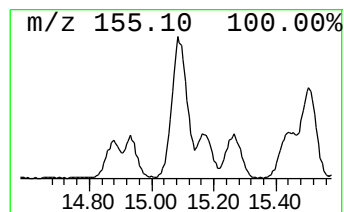
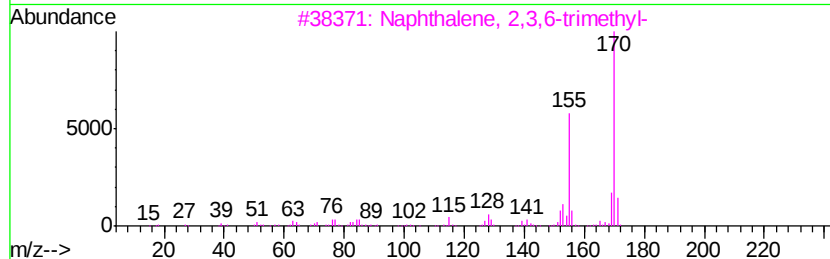
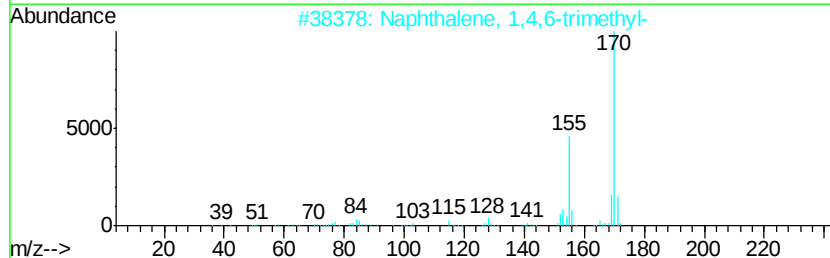
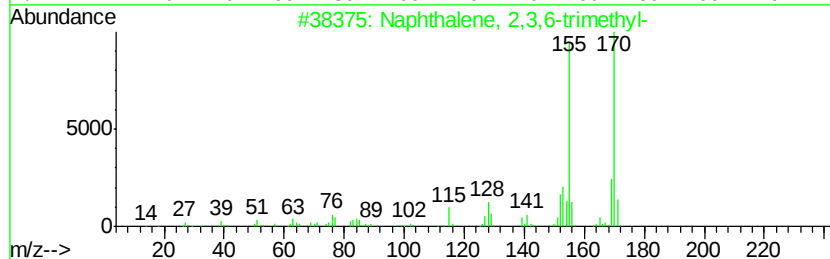
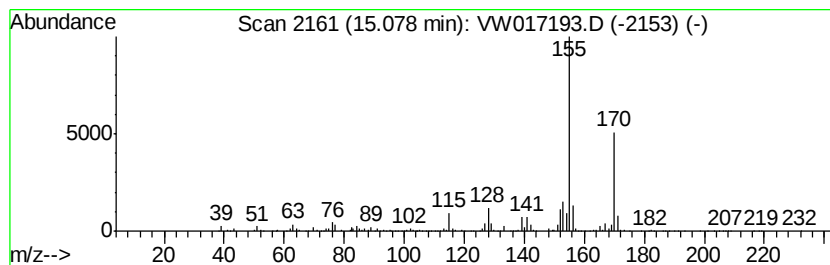
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Quant Title : VOC Analysis

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

Peak Number 16 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	12.97 ug/L	608523	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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, 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	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111220\
Data File : VW017193.D
Acq On : 12 Nov 2020 18:29
Operator : SY/VA
Sample : VIBLK06
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK06

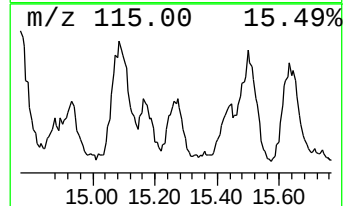
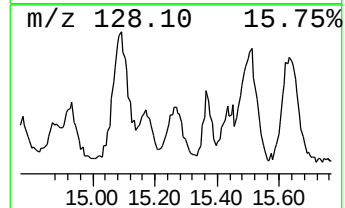
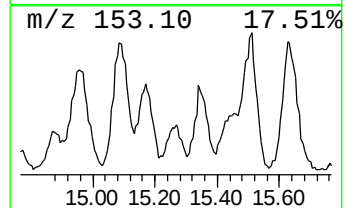
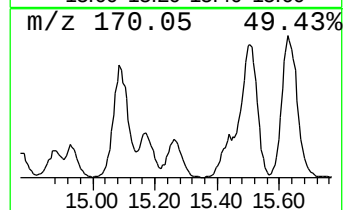
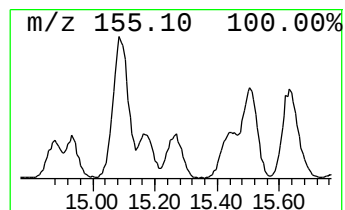
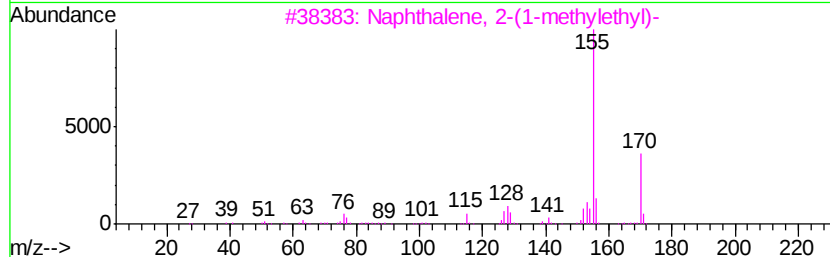
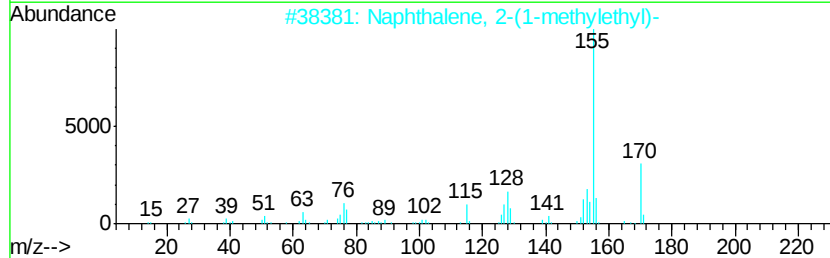
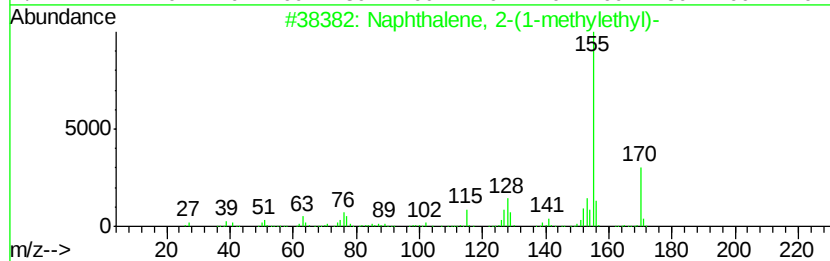
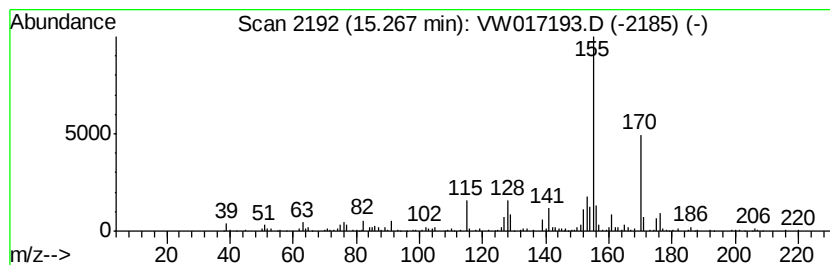
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Quant Title : VOC Analysis

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

Peak Number 17 Naphthalene, 2-(1-methyleth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.27	3.30 ug/L	154830	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, 2-(1-methylethyl)-	170	C13H14	002027-17-0	90
4			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87
5			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	70



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111220\
Data File : VW017193.D
Acq On : 12 Nov 2020 18:29
Operator : SY/VA
Sample : VIBLK06
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK06

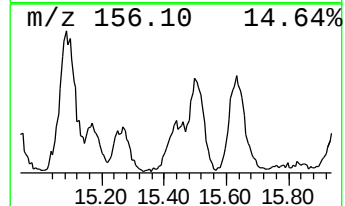
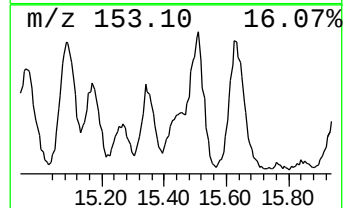
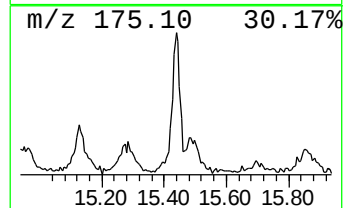
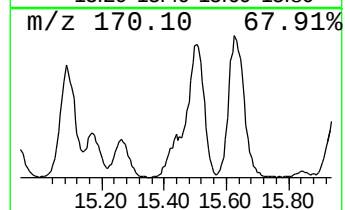
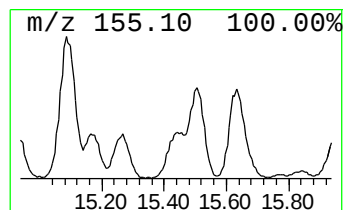
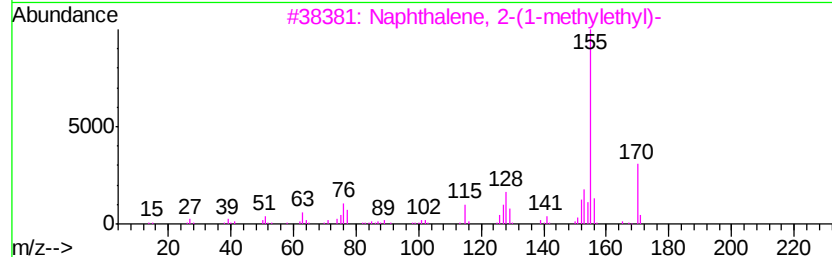
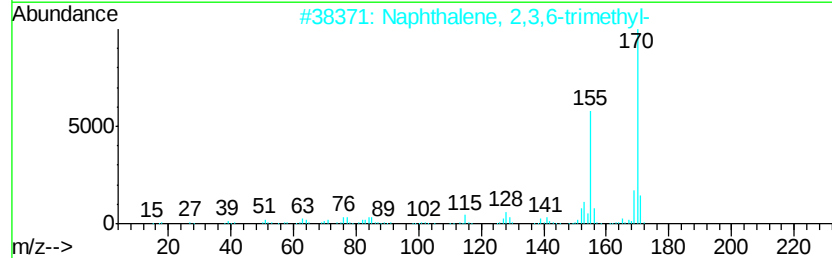
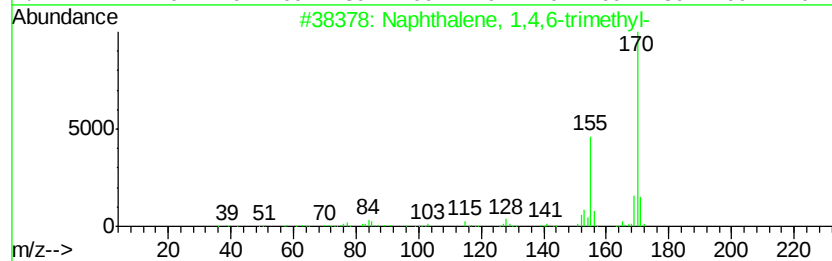
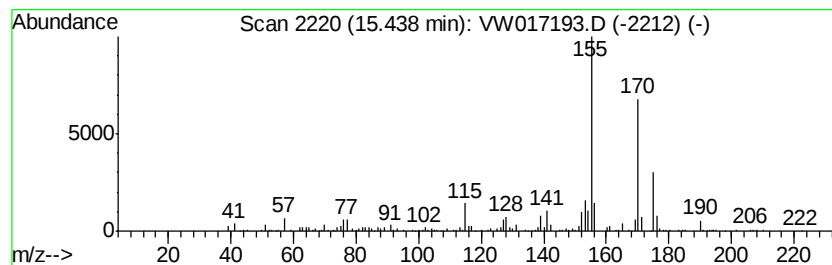
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Quant Title : VOC Analysis

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

Peak Number 18 Naphthalene, 1,4,6-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	3.66 ug/L	171592	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	81
2			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	74
3			Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	72
4			Naphthalene, 1-(chloromethyl)-2-...	190	C12H11Cl	006626-23-9	60
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	59



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111220\
Data File : VW017193.D
Acq On : 12 Nov 2020 18:29
Operator : SY/VA
Sample : VIBLK06
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK06

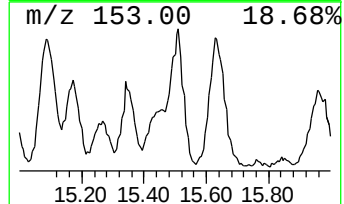
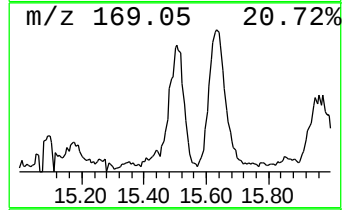
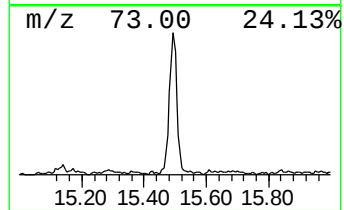
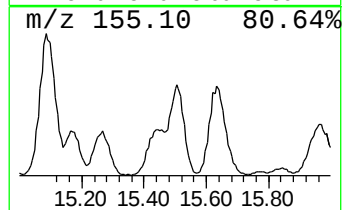
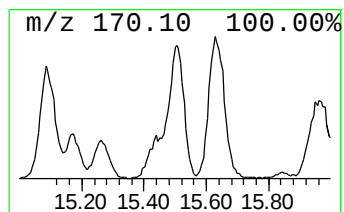
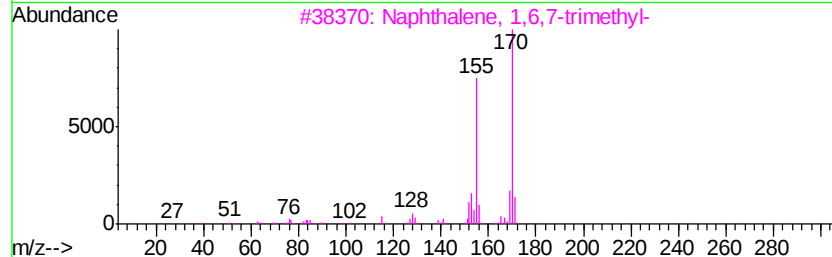
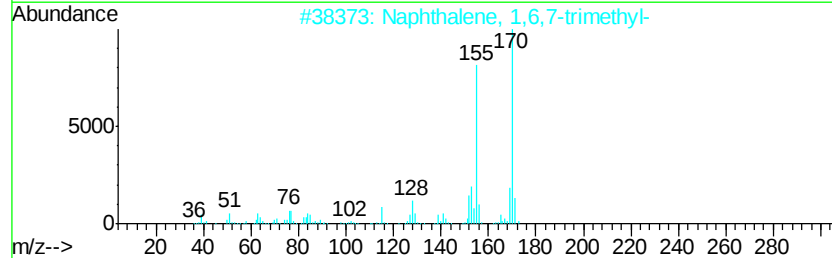
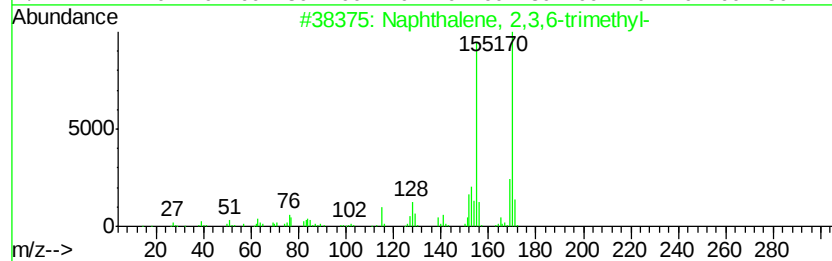
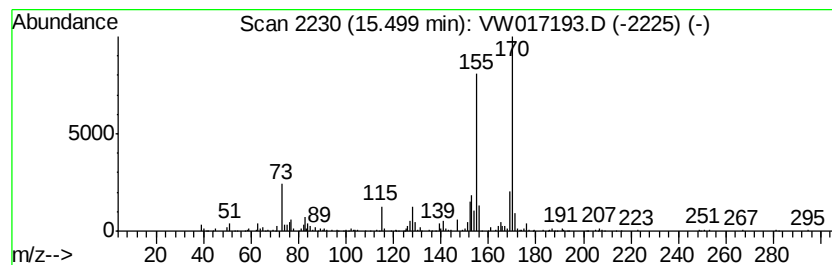
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Quant Title : VOC Analysis

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

Peak Number 19 Naphthalene, 2,3,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.50	11.36 ug/L	533154	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	98
2			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
5			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111220\
Data File : VW017193.D
Acq On : 12 Nov 2020 18:29
Operator : SY/VA
Sample : VIBLK06
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

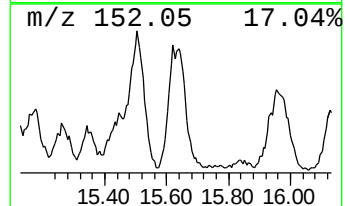
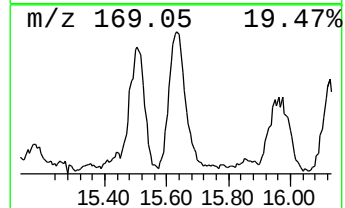
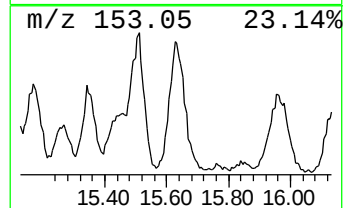
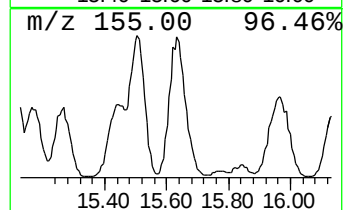
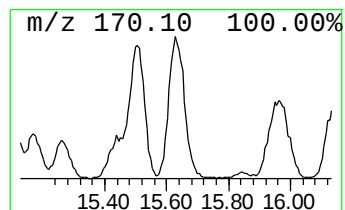
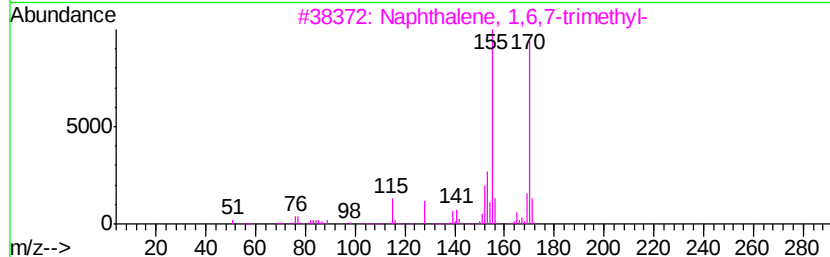
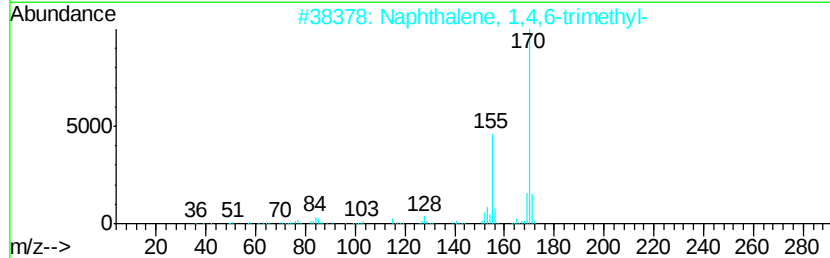
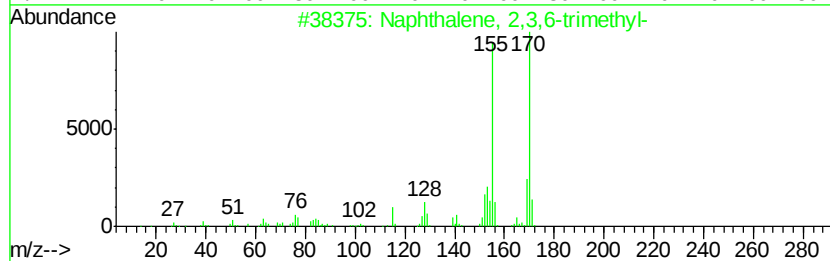
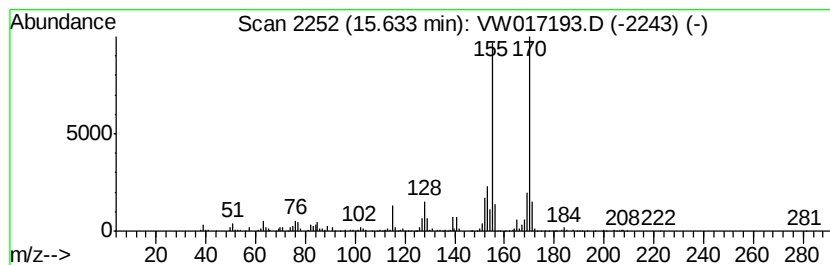
Instrument :
MSVOA_W
ClientSampleId :
VIBLK06

Quant Method : Z:\V0ASRV\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.	
15.63	12.58 ug/L	590182	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, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111220\
Data File : VW017193.D
Acq On : 12 Nov 2020 18:29
Operator : SY/VA
Sample : VIBLK06
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK06

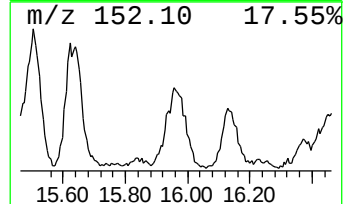
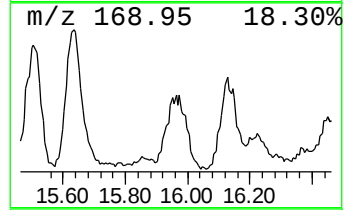
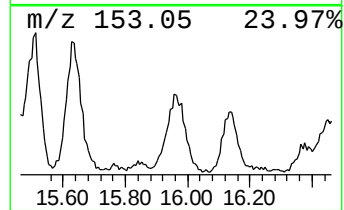
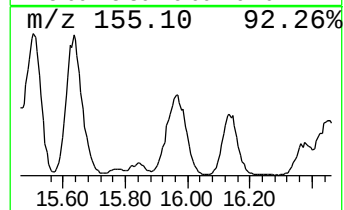
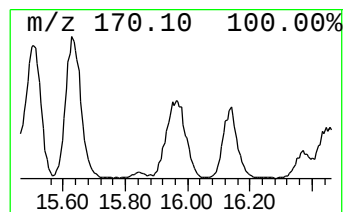
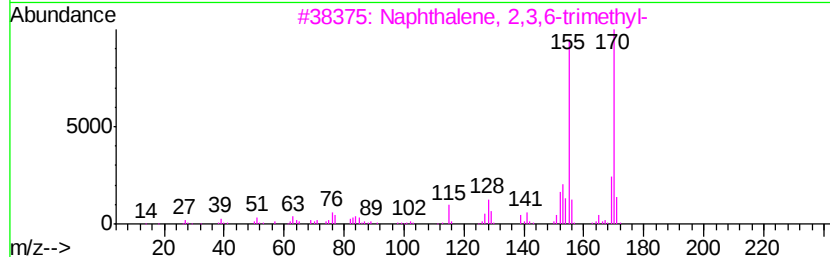
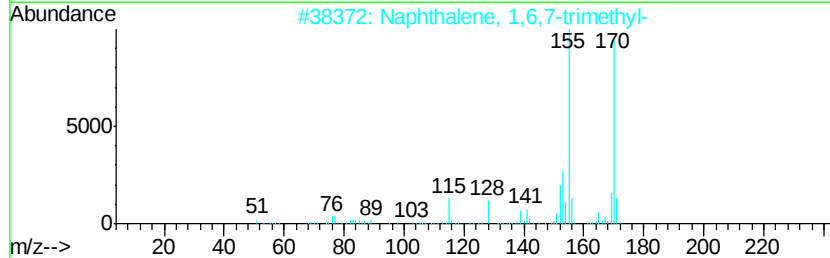
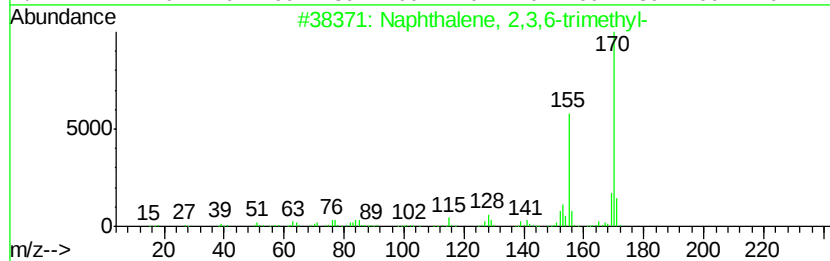
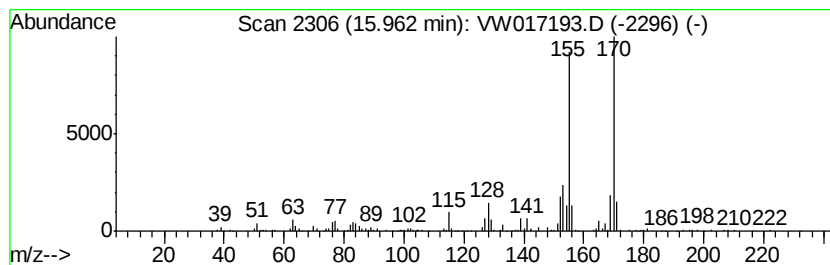
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Quant Title : VOC Analysis

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

Peak Number 21 unknown-03 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	8.31 ug/L	390111	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, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
5			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111220\
Data File : VW017193.D
Acq On : 12 Nov 2020 18:29
Operator : SY/VA
Sample : VIBLK06
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK06

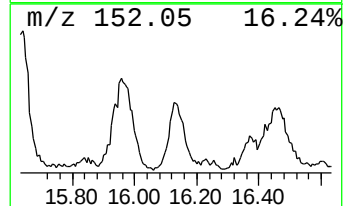
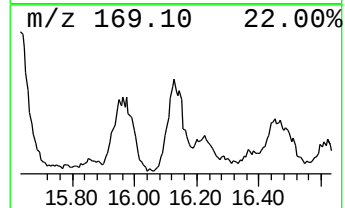
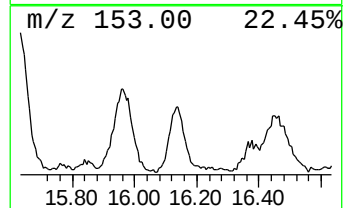
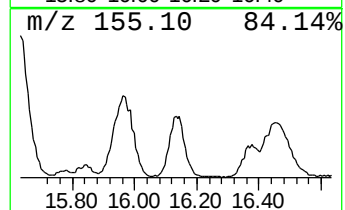
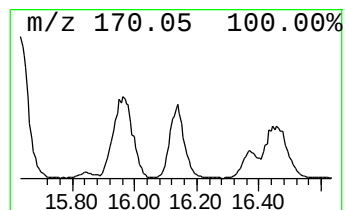
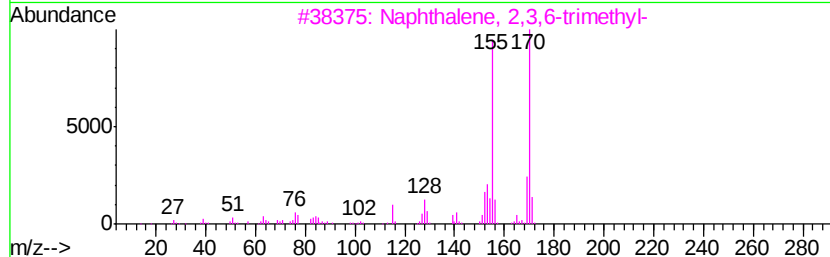
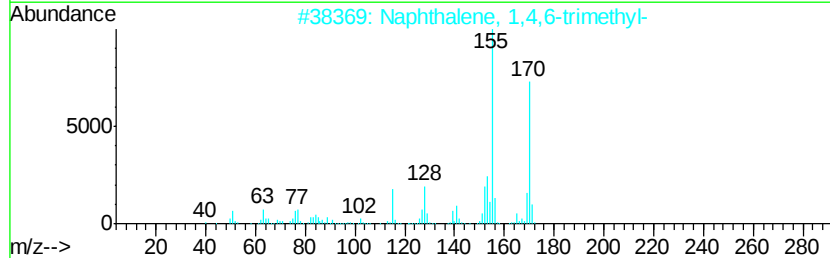
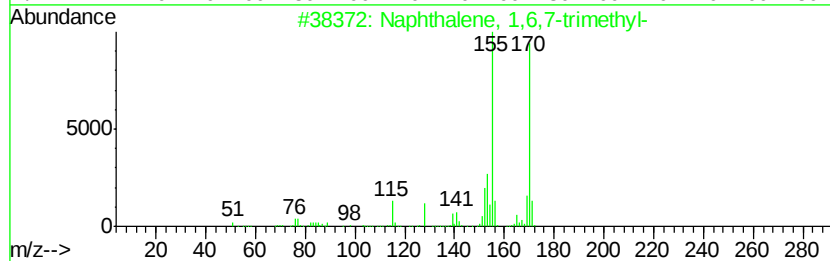
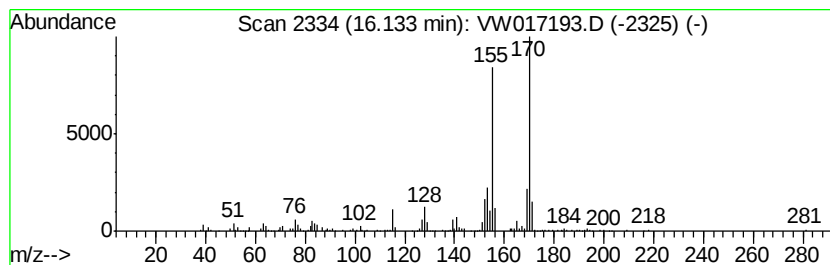
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Quant Title : VOC Analysis

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

Peak Number 22 unknown-04 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	5.36 ug/L	251673	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	96
2			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111220\
Data File : VW017193.D
Acq On : 12 Nov 2020 18:29
Operator : SY/VA
Sample : VIBLK06
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK06

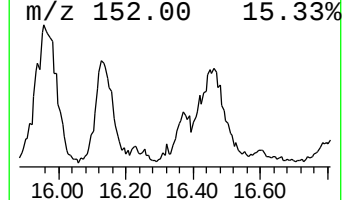
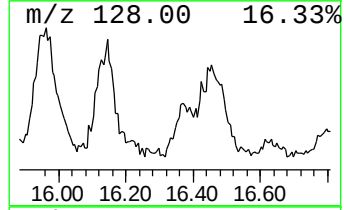
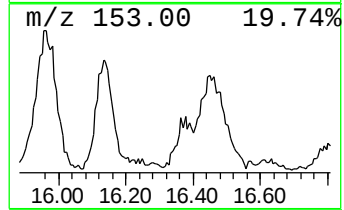
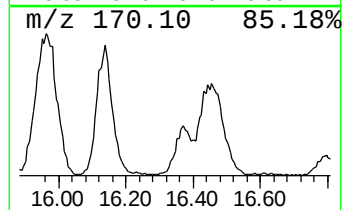
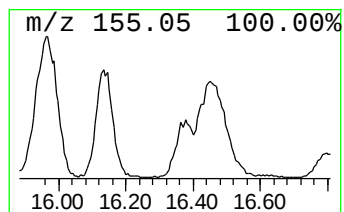
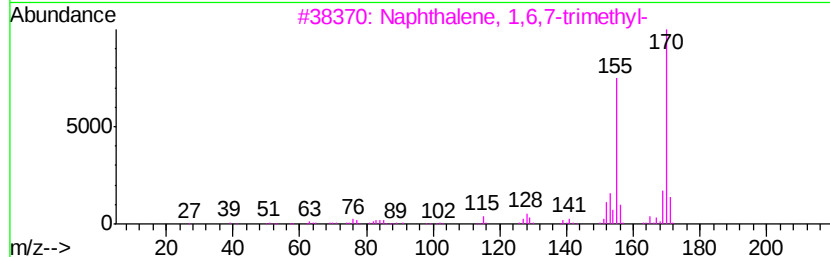
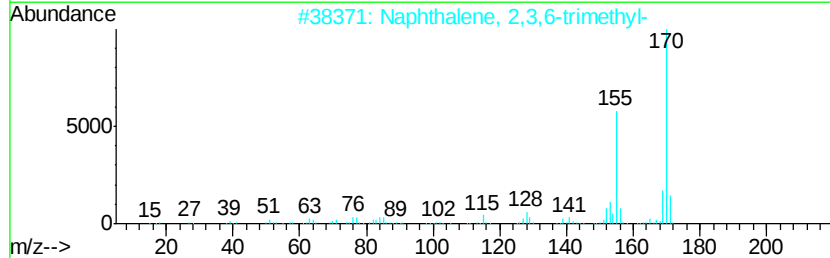
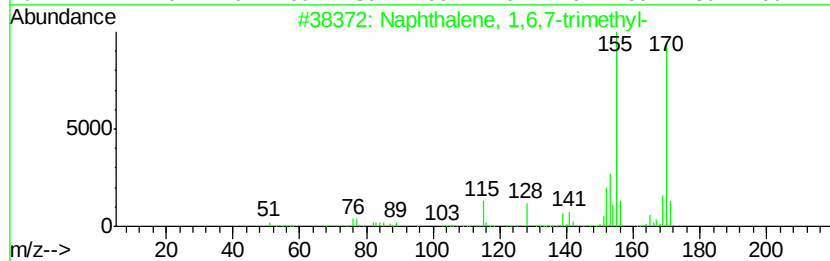
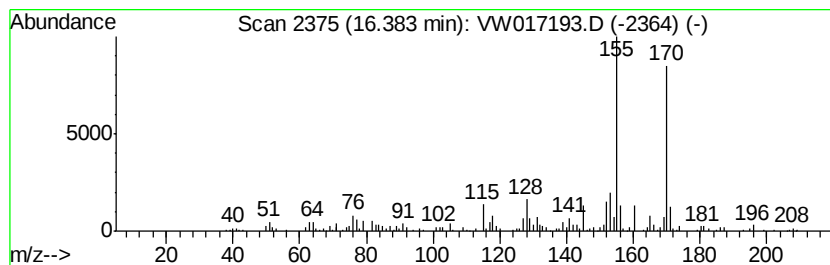
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

Peak Number 23 unknown-05 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.38	2.71 ug/L	127189	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	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	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111220\
Data File : VW017193.D
Acq On : 12 Nov 2020 18:29
Operator : SY/VA
Sample : VIBLK06
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

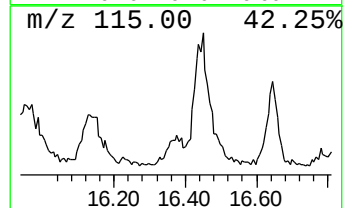
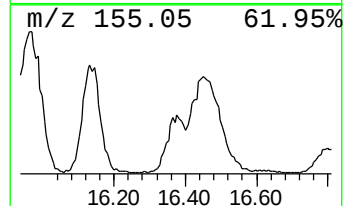
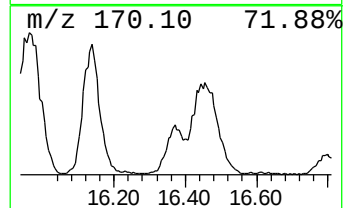
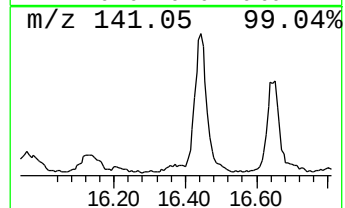
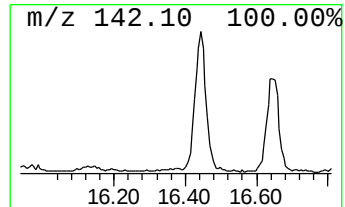
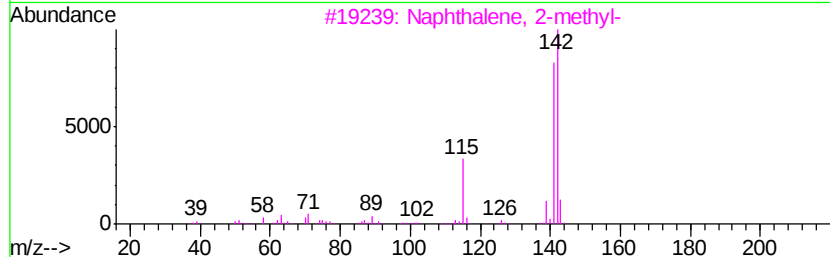
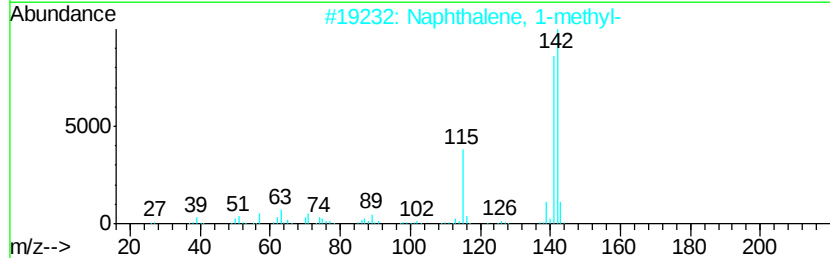
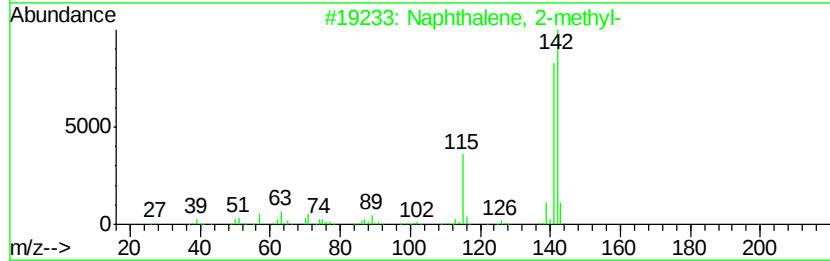
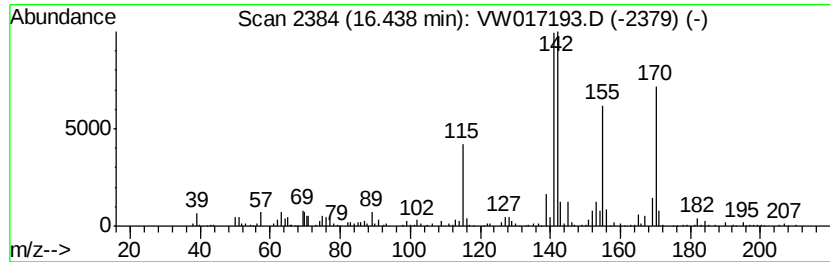
Instrument :
MSVOA_W
ClientSampleId :
VIBLK06

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

Peak Number 24 Naphthalene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	9.07 ug/L	425615	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 90
2		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 90
3		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 86
4		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 86
5		1,2,3,4-Tetrahydrofluorene	170 C13H14	017057-95-3 74



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW111220\
Data File : VW017193.D
Acq On : 12 Nov 2020 18:29
Operator : SY/VA
Sample : VIBLK06
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK06

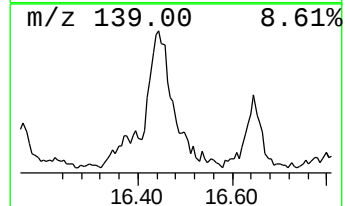
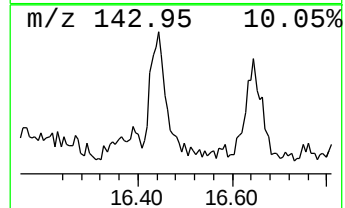
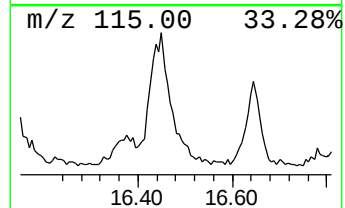
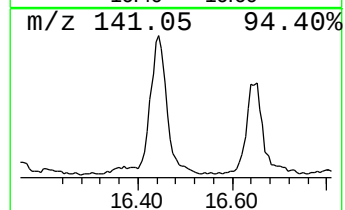
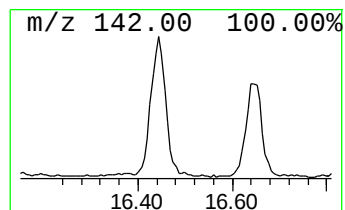
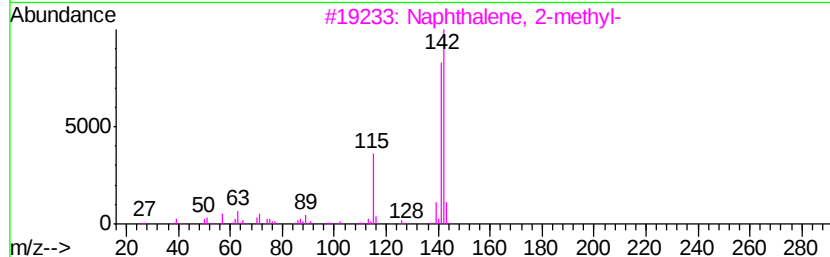
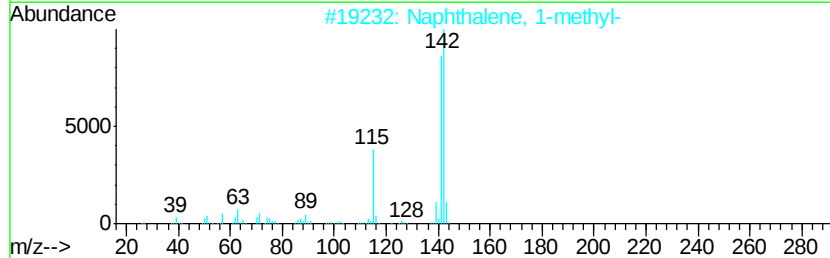
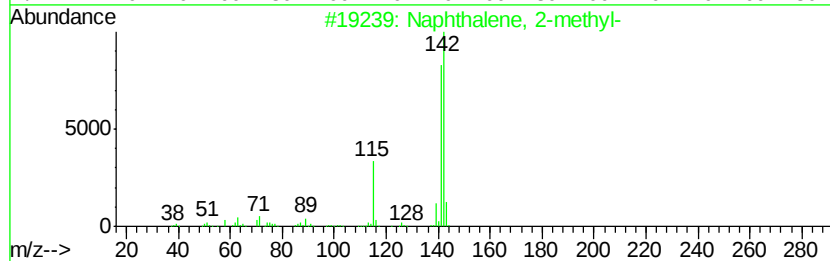
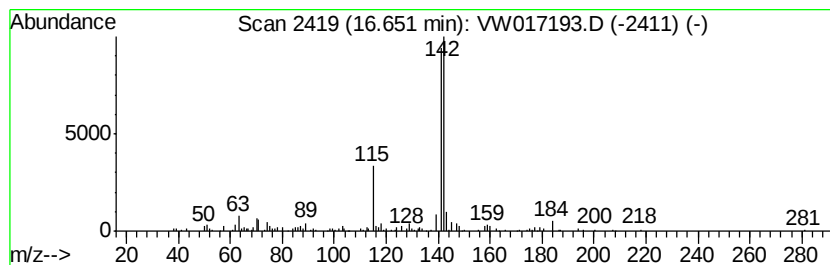
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	1.80 ug/L	84584	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
4		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	90



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111220\
 Data File : VW017193.D
 Acq On : 12 Nov 2020 18:29
 Operator : SY/VA
 Sample : VIBLK06
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK06

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	11.07	2.0	ug/L	96053	2	11.63	1177610	25.0
Naphthalene, 2-et...	12.44	21.5	ug/L	1011810	2	11.63	1177610	25.0
Naphthalene, 2,6-...	12.90	29.8	ug/L	1399070	3	13.56	1172960	25.0
Naphthalene, 2,3-...	13.33	73.9	ug/L	3465170	3	13.56	1172960	25.0
Naphthalene, 2,7-...	13.46	36.6	ug/L	1718600	3	13.56	1172960	25.0
Naphthalene, 1,4-...	13.97	20.2	ug/L	947582	3	13.56	1172960	25.0
Naphthalene, 1,3-...	14.32	12.1	ug/L	565521	3	13.56	1172960	25.0
1,1'-Biphenyl, 3-...	14.55	2.8	ug/L	130205	3	13.56	1172960	25.0
Naphthalene, 1-pr...	14.77	3.5	ug/L	166058	3	13.56	1172960	25.0
unknown-02	15.08	13.0	ug/L	608523	3	13.56	1172960	25.0
Naphthalene, 2-(1...	15.27	3.3	ug/L	154830	3	13.56	1172960	25.0
Naphthalene, 1,4,...	15.44	3.7	ug/L	171592	3	13.56	1172960	25.0
Naphthalene, 2,3,...	15.50	11.4	ug/L	533154	3	13.56	1172960	25.0
Naphthalene, 1,6,...	15.63	12.6	ug/L	590182	3	13.56	1172960	25.0
unknown-03	15.96	8.3	ug/L	390111	3	13.56	1172960	25.0
unknown-04	16.13	5.4	ug/L	251673	3	13.56	1172960	25.0
unknown-05	16.38	2.7	ug/L	127189	3	13.56	1172960	25.0
Naphthalene, 2-me...	16.44	9.1	ug/L	425615	3	13.56	1172960	25.0
Naphthalene, 1-me...	16.65	1.8	ug/L	84584	3	13.56	1172960	25.0