

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041919\
 Data File : VW010063.D
 Acq On : 19 Apr 2019 13:24
 Operator : SY/VA
 Sample : K2455-13
 Misc : 5.09G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHR3

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\SOM2WLM041519S.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	38	41	48	rBV5	8022	15054	0.70%	0.082%
2	2.355	68	74	90	rVB	88826	211620	9.88%	1.155%
3	2.885	154	161	179	rVB	73742	217851	10.17%	1.189%
4	3.806	310	312	314	rBV3	942	995	0.05%	0.005%
5	4.007	334	345	360	rBV	209924	728189	34.00%	3.974%
6	4.251	383	385	388	rVB4	792	1033	0.05%	0.006%
7	4.397	398	409	418	rVV2	9772	31882	1.49%	0.174%
8	4.605	437	443	444	rBV5	736	1245	0.06%	0.007%
9	4.812	475	477	479	rBV3	1004	831	0.04%	0.005%
10	4.910	480	493	508	rBV4	45635	198660	9.28%	1.084%
11	5.208	541	542	546	rVB3	1399	1314	0.06%	0.007%
12	5.641	611	613	616	rVB3	915	831	0.04%	0.005%
13	5.702	620	623	625	rBV3	984	1289	0.06%	0.007%
14	5.928	649	660	669	rBV4	18202	51941	2.43%	0.283%
15	6.001	671	672	675	rVB2	1160	798	0.04%	0.004%
16	6.104	686	689	690	rVB2	1111	820	0.04%	0.004%
17	6.379	732	734	737	rVB3	723	817	0.04%	0.004%
18	6.464	746	748	752	rVB3	1096	1244	0.06%	0.007%
19	6.574	763	766	769	rBV4	1112	1412	0.07%	0.008%
20	6.671	780	782	787	rVB4	798	1354	0.06%	0.007%
21	6.763	795	797	799	rVB2	1159	854	0.04%	0.005%
22	6.799	799	803	805	rBV2	917	1101	0.05%	0.006%
23	6.982	828	833	834	rBV3	1072	1455	0.07%	0.008%
24	7.080	840	849	859	rBV	71041	194745	9.09%	1.063%
25	7.251	869	877	887	rBV2	34460	87326	4.08%	0.477%
26	7.433	903	907	908	rVB3	937	868	0.04%	0.005%
27	7.494	914	917	918	rBV2	1454	1420	0.07%	0.008%
28	7.531	921	923	925	rBV3	1089	1008	0.05%	0.006%
29	7.641	930	941	955	rBV	372429	930751	43.46%	5.080%
30	7.830	968	972	974	rBV3	826	1062	0.05%	0.006%
31	7.872	977	979	981	rBV3	709	828	0.04%	0.005%
32	7.921	986	987	989	rBV2	1100	907	0.04%	0.005%
33	8.074	1011	1012	1018	rVB2	860	871	0.04%	0.005%
34	8.153	1022	1025	1029	rBV4	624	1098	0.05%	0.006%

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35	8.269	1033	1044	1062	rBV2	698725	2141437	100.00%	11.688%
36	8.458	1071	1075	1077	rBV5	580	896	0.04%	0.005%
37	8.500	1080	1082	1085	rVB3	1088	1195	0.06%	0.007%
38	8.616	1098	1101	1105	rBV3	1762	3284	0.15%	0.018%
39	8.683	1108	1112	1113	rBV3	846	1000	0.05%	0.005%
40	8.842	1129	1138	1151	rBV	617060	1222504	57.09%	6.672%
41	9.019	1165	1167	1168	rBV2	1092	795	0.04%	0.004%
42	9.037	1168	1170	1171	rVV2	2079	1551	0.07%	0.008%
43	9.073	1171	1176	1188	rVB2	5234	14845	0.69%	0.081%
44	9.208	1194	1198	1199	rBV3	1588	1673	0.08%	0.009%
45	9.275	1201	1209	1224	rVB	501494	1027563	47.98%	5.608%
46	9.457	1237	1239	1240	rVV2	1224	995	0.05%	0.005%
47	9.506	1244	1247	1250	rVV4	799	845	0.04%	0.005%
48	9.616	1263	1265	1267	rVV3	1118	1088	0.05%	0.006%
49	9.659	1267	1272	1279	rVB7	2664	6679	0.31%	0.036%
50	9.750	1279	1287	1295	rBV4	6454	14727	0.69%	0.080%
51	9.890	1302	1310	1319	rBV3	15744	33979	1.59%	0.185%
52	10.031	1325	1333	1342	rBV	263451	482673	22.54%	2.634%
53	10.244	1362	1368	1373	rBV2	9561	16844	0.79%	0.092%
54	10.323	1373	1381	1388	rVV	1006268	1729779	80.78%	9.441%
55	10.384	1388	1391	1398	rVB	11559	20673	0.97%	0.113%
56	10.482	1405	1407	1408	rVB	1574	846	0.04%	0.005%
57	10.506	1408	1411	1414	rBV3	1903	2876	0.13%	0.016%
58	10.573	1414	1422	1432	rVV	177996	316218	14.77%	1.726%
59	10.707	1438	1444	1448	rVB2	7864	15024	0.70%	0.082%
60	10.768	1450	1454	1459	rVB7	2697	4881	0.23%	0.027%
61	10.854	1464	1468	1473	rVB8	4735	8390	0.39%	0.046%
62	10.927	1473	1480	1487	rBV	284293	484086	22.61%	2.642%
63	11.067	1499	1503	1513	rVB	9131	18545	0.87%	0.101%
64	11.225	1527	1529	1533	rVB5	2041	2416	0.11%	0.013%
65	11.280	1533	1538	1539	rBV3	2112	3730	0.17%	0.020%
66	11.335	1545	1547	1549	rBV3	3848	2774	0.13%	0.015%
67	11.634	1588	1596	1604	rBV	907617	1588919	74.20%	8.672%
68	11.835	1626	1629	1634	rVV7	2929	4583	0.21%	0.025%
69	11.878	1634	1636	1637	rVB2	1904	977	0.05%	0.005%
70	12.000	1654	1656	1658	rBV3	949	1139	0.05%	0.006%
71	12.170	1681	1684	1691	rVB6	3738	8076	0.38%	0.044%

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72	12.250	1693	1697	1700	rBV5	1793	2748	0.13%	0.015%
73	12.286	1700	1703	1705	rBV4	1801	2674	0.12%	0.015%
74	12.347	1711	1713	1715	rBV3	1966	1746	0.08%	0.010%
75	12.457	1717	1731	1738	rVV10	16924	92548	4.32%	0.505%
76	12.695	1763	1770	1779	rVB	414078	670335	31.30%	3.659%
77	12.902	1785	1804	1805	rBV2	184632	617668	28.84%	3.371%
78	13.195	1850	1852	1856	rVB3	4727	5621	0.26%	0.031%
79	13.329	1859	1874	1888	rBV3	201793	1006480	47.00%	5.493%
80	13.560	1906	1912	1920	rVB	969780	1552861	72.51%	8.476%
81	13.859	1953	1961	1972	rBV	923504	1681293	78.51%	9.176%
82	14.079	1992	1997	2008	rVB2	27752	62092	2.90%	0.339%
83	14.201	2012	2017	2018	rBV5	1982	2599	0.12%	0.014%
84	14.329	2027	2038	2047	rBV6	28073	95354	4.45%	0.520%
85	14.457	2057	2059	2061	rBV3	1649	1016	0.05%	0.006%
86	14.566	2063	2077	2085	rBV4	40065	136631	6.38%	0.746%
87	14.676	2093	2095	2096	rBV2	2578	2569	0.12%	0.014%
88	14.780	2107	2112	2122	rVB6	16602	43987	2.05%	0.240%
89	15.103	2154	2165	2174	rBV4	25384	99324	4.64%	0.542%
90	15.249	2187	2189	2190	rBV2	2170	1688	0.08%	0.009%
91	15.267	2190	2192	2195	rVV4	3438	4546	0.21%	0.025%
92	15.371	2204	2209	2213	rBV3	9357	18372	0.86%	0.100%
93	15.444	2217	2221	2226	rVV3	30904	57749	2.70%	0.315%
94	15.505	2226	2231	2245	rVB2	45768	115348	5.39%	0.630%
95	15.639	2246	2253	2262	rBV9	12012	39209	1.83%	0.214%
96	15.810	2277	2281	2286	rVB7	5962	10248	0.48%	0.056%
97	15.981	2301	2309	2318	rBV7	7758	27131	1.27%	0.148%
98	16.371	2371	2373	2377	rVV5	2098	3164	0.15%	0.017%
99	16.450	2380	2386	2400	rVB3	22922	57088	2.67%	0.312%
100	16.651	2413	2419	2427	rVB3	11496	27660	1.29%	0.151%

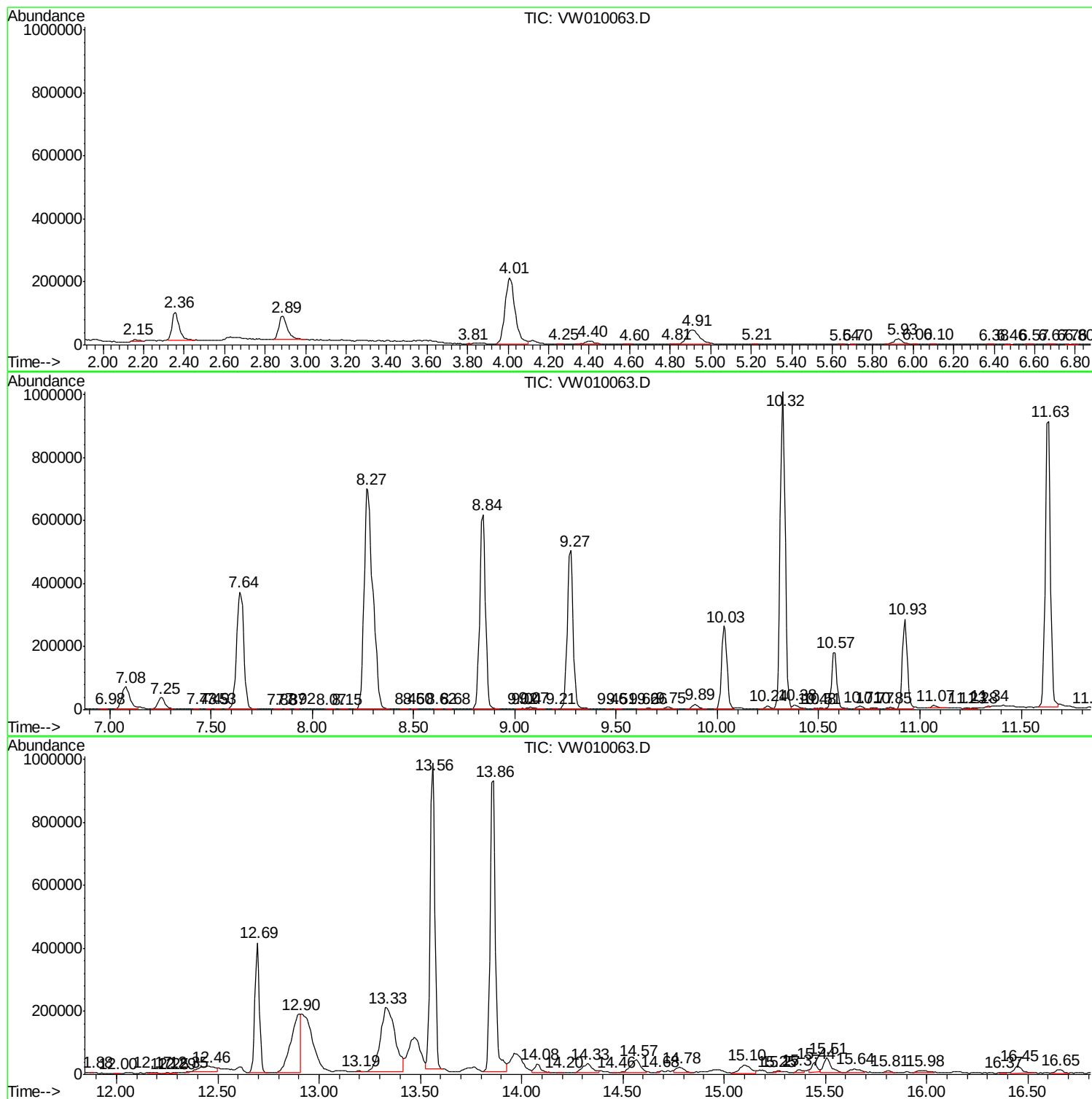
Sum of corrected areas: 18321728

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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



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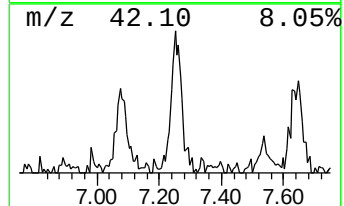
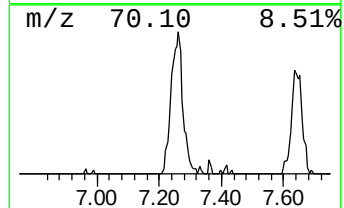
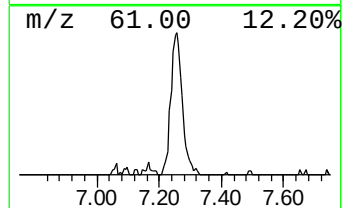
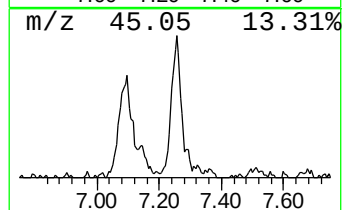
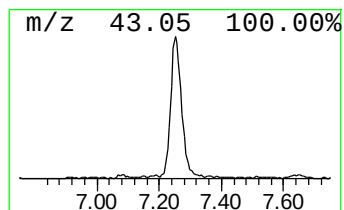
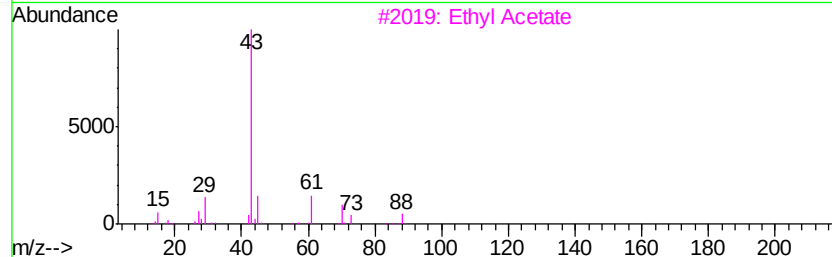
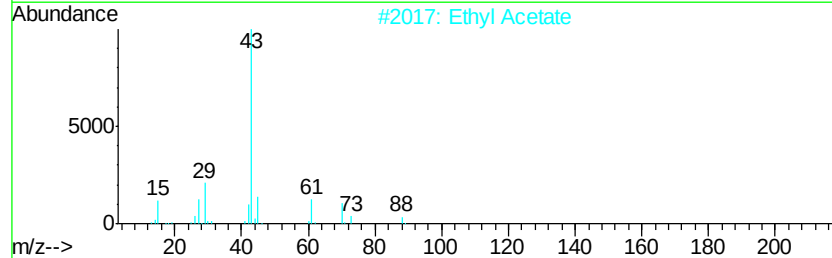
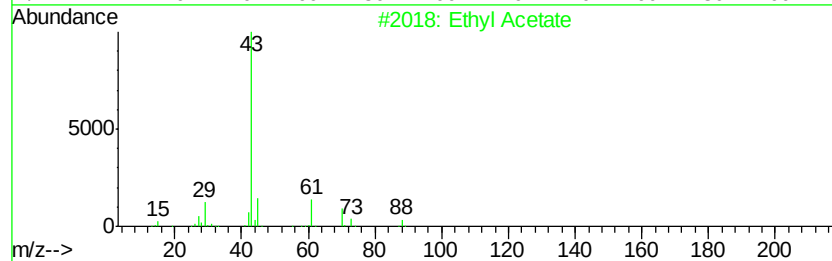
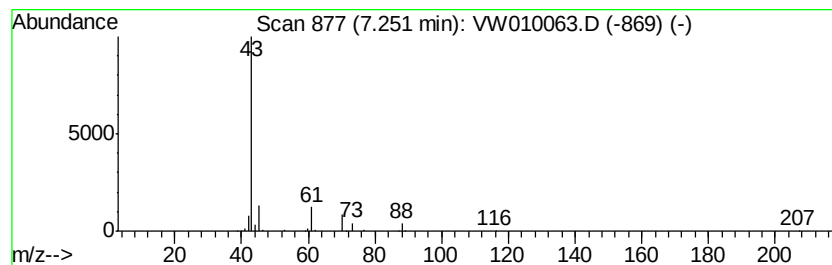
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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

Peak Number 1 Ethyl Acetate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	1.79 ug/L	87326	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethyl Acetate	88	C4H8O2	000141-78-6	86
2		Ethyl Acetate	88	C4H8O2	000141-78-6	86
3		Ethyl Acetate	88	C4H8O2	000141-78-6	80
4		Ethyl Acetate	88	C4H8O2	000141-78-6	42
5		CH3C(O)CH2CH2OH	88	C4H8O2	000590-90-9	38



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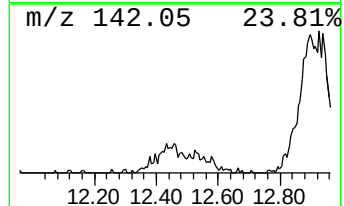
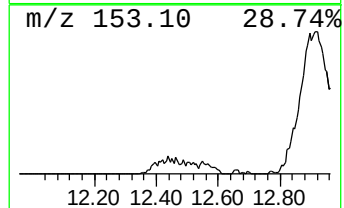
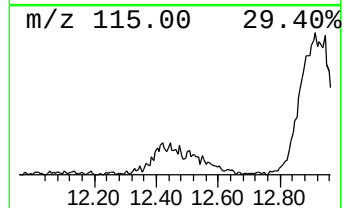
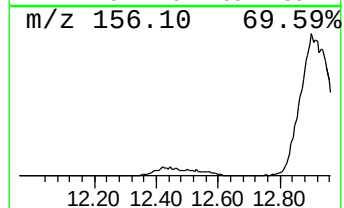
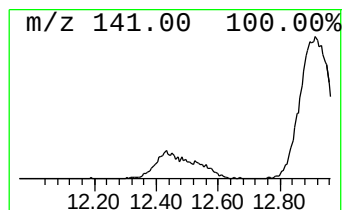
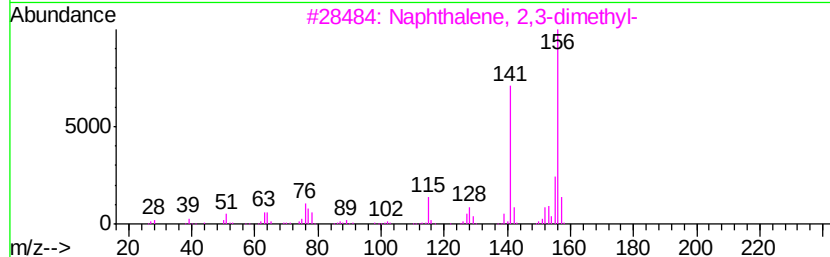
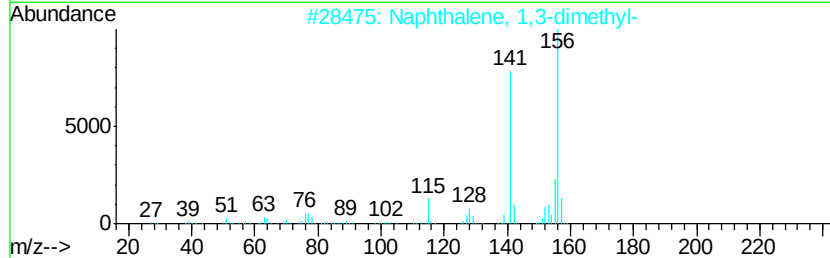
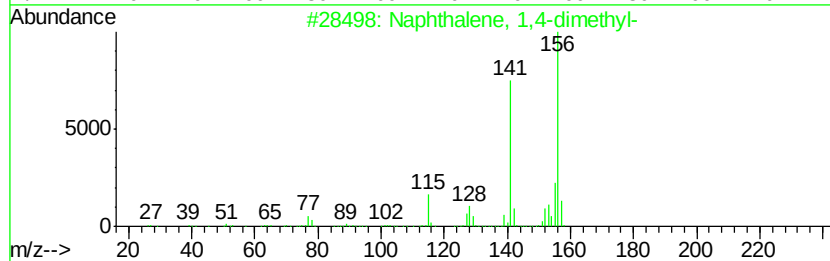
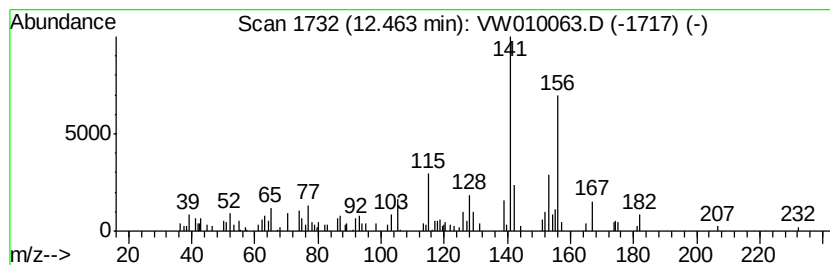
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Quant Title : VOC Analysis

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

Peak Number 3 Naphthalene, 1,4-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.		
12.46	1.46 ug/L	92548	Chlorobenzene-d5		11.63		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	76
2			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	70
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	70
4			Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	70
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	70



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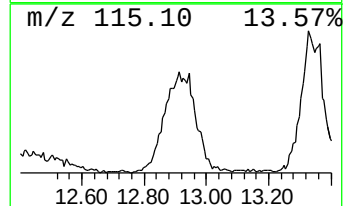
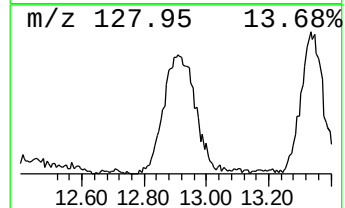
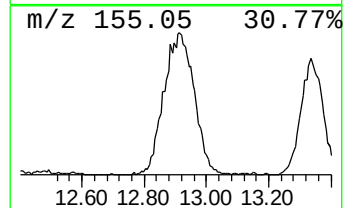
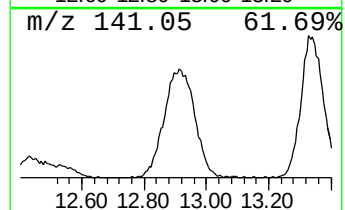
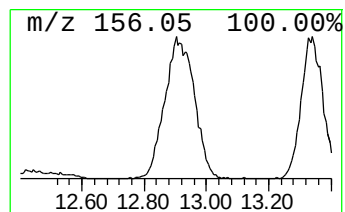
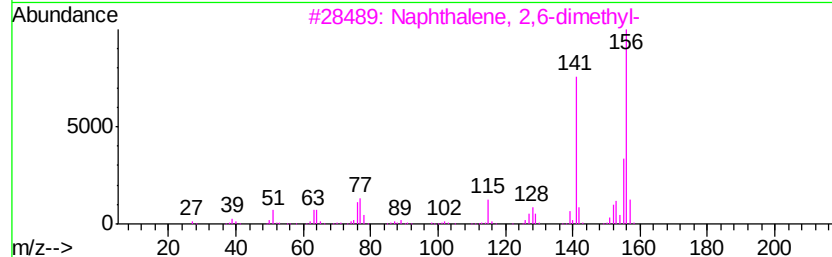
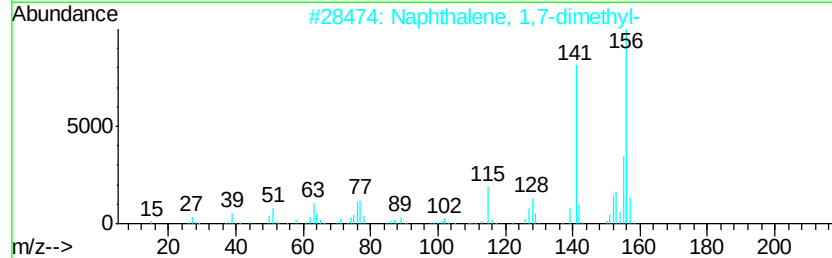
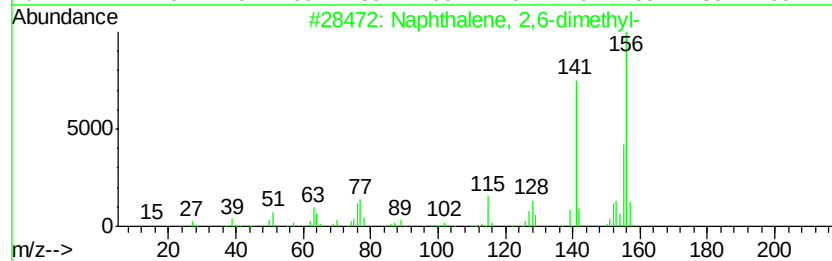
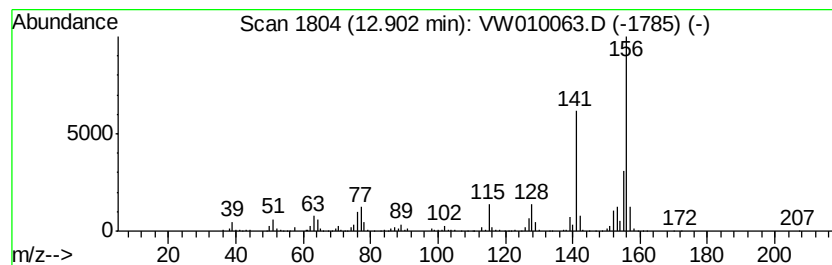
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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	9.94 ug/L	617668	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 98
2		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 98
3		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 98
4		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
5		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010063.D
Acq On : 19 Apr 2019 13:24
Operator : SY/VA
Sample : K2455-13
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

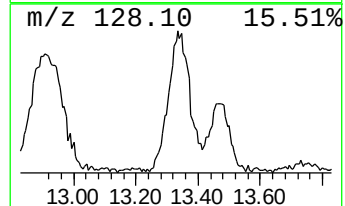
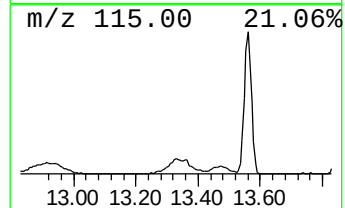
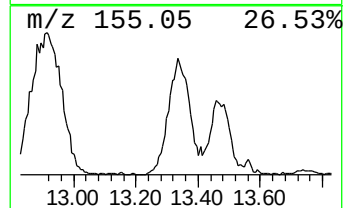
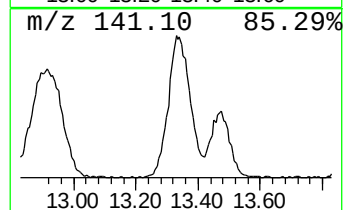
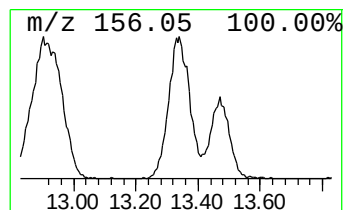
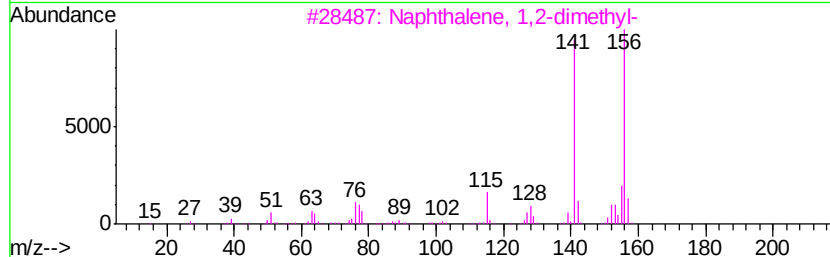
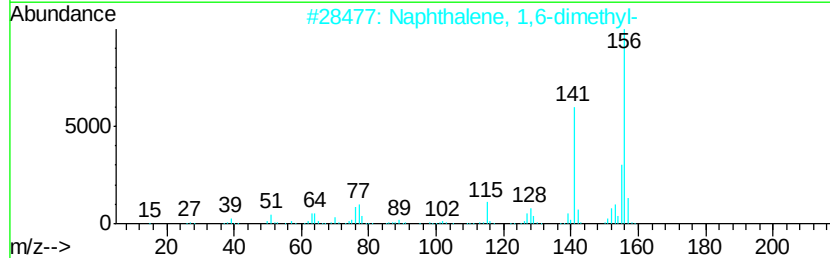
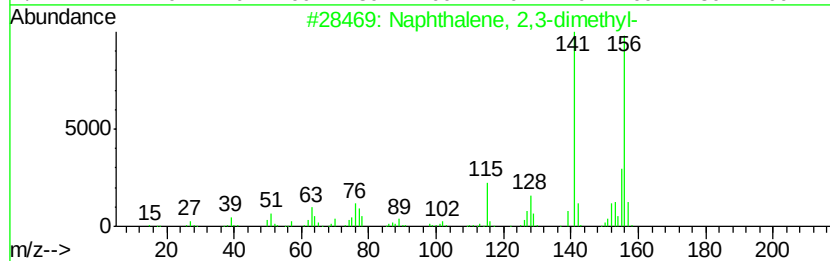
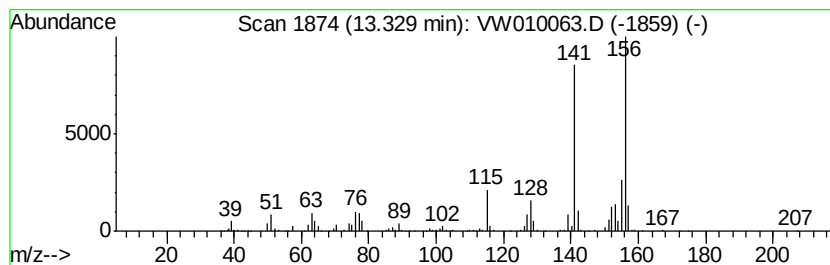
Instrument :
MSVOA_W
ClientSampleId :
GAHR3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	16.20 ug/L	1006480	1,4-Dichlorobenzene-d4	13.56
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 98
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
3		Naphthalene, 1,2-dimethyl-	156 C12H12	000573-98-8 97
4		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 97
5		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 96



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010063.D
Acq On : 19 Apr 2019 13:24
Operator : SY/VA
Sample : K2455-13
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

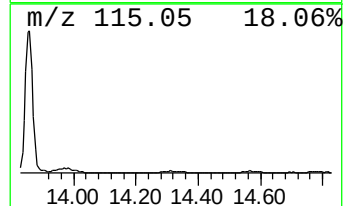
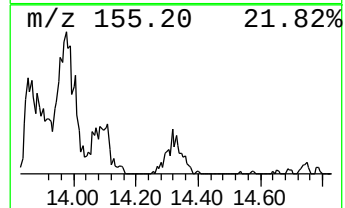
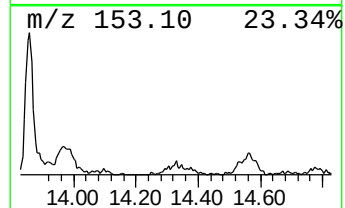
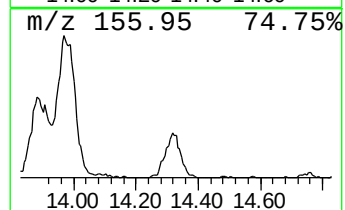
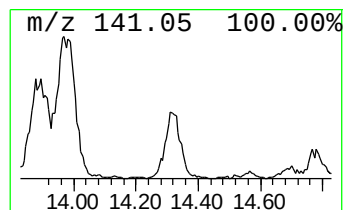
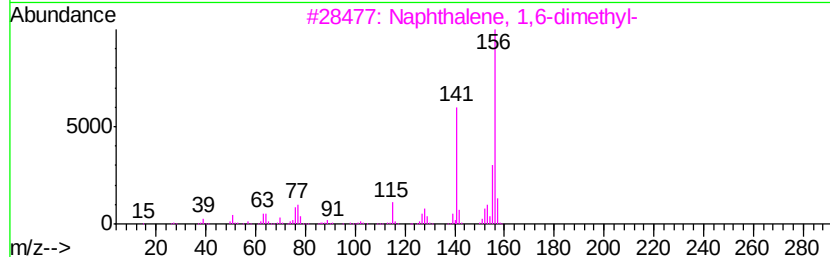
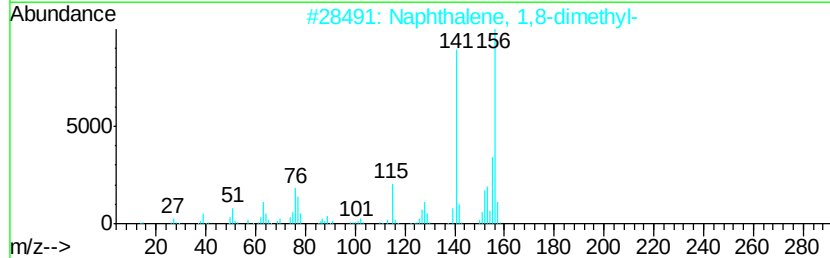
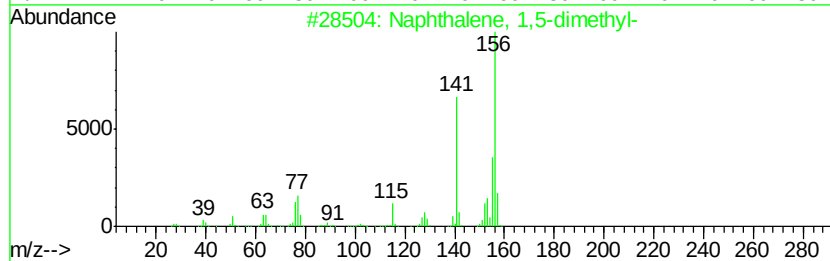
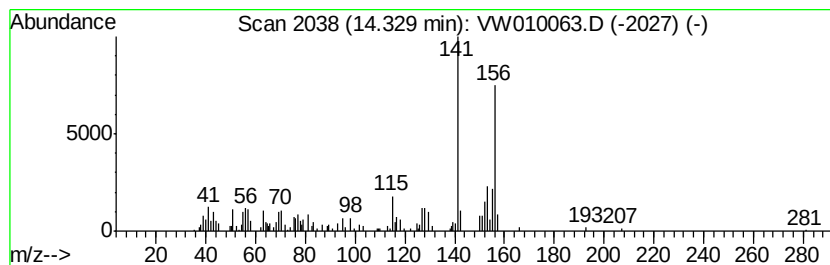
Instrument :
MSVOA_W
ClientSampleId :
GAHR3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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

Peak Number 6 Naphthalene, 1,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.33	1.54 ug/L	95354	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
2	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	94
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010063.D
Acq On : 19 Apr 2019 13:24
Operator : SY/VA
Sample : K2455-13
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

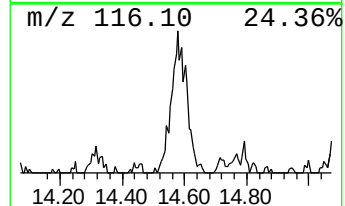
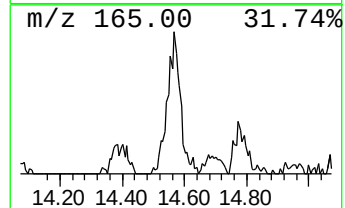
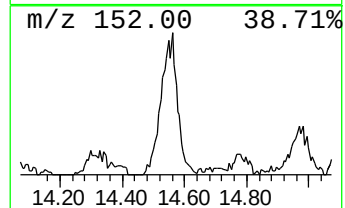
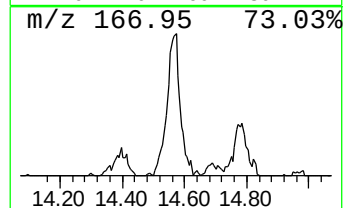
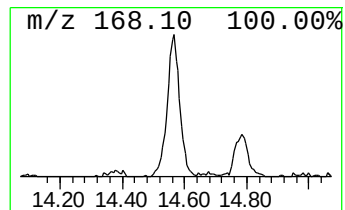
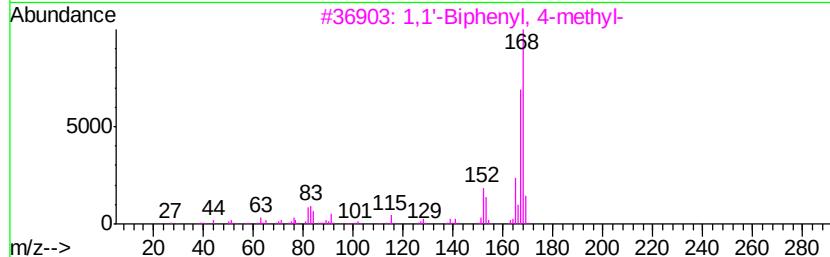
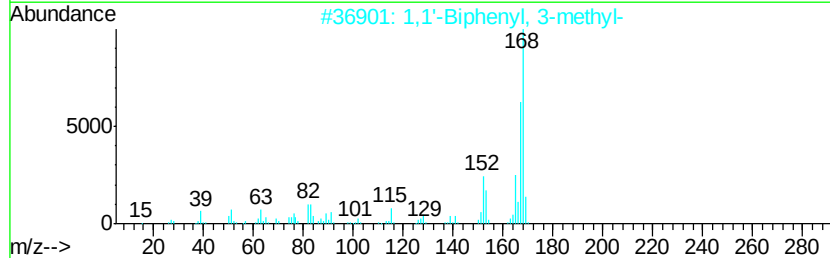
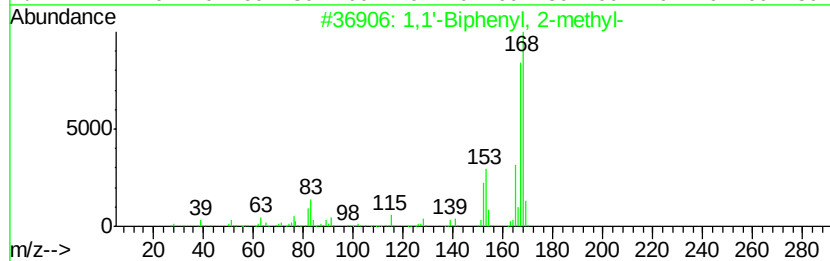
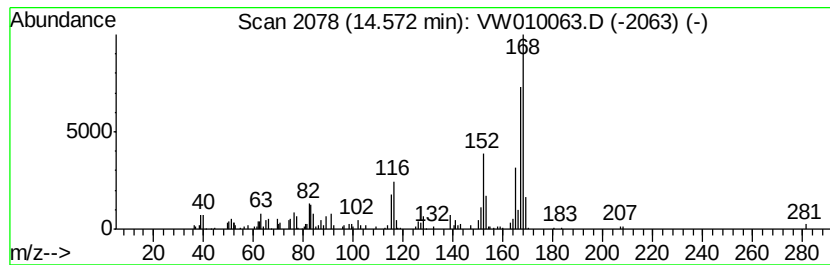
Instrument :
MSVOA_W
ClientSampleId :
GAHR3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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

Peak Number 7 1,1'-Biphenyl, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.57	2.20 ug/L	136631	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	83
2	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	83
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	76
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	70
5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	60



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010063.D
Acq On : 19 Apr 2019 13:24
Operator : SY/VA
Sample : K2455-13
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR3

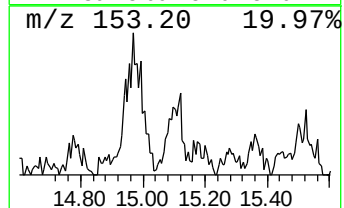
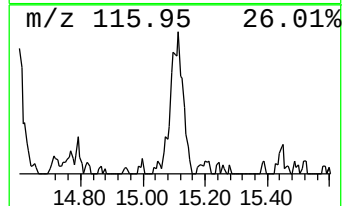
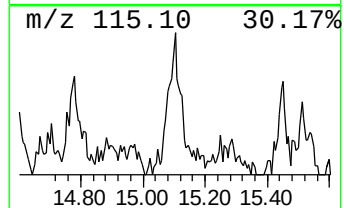
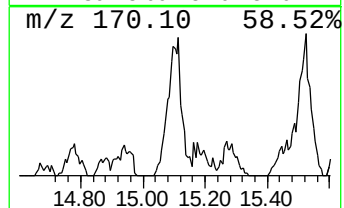
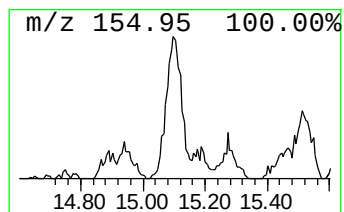
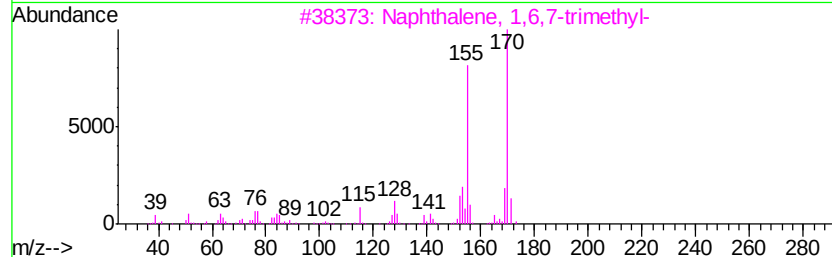
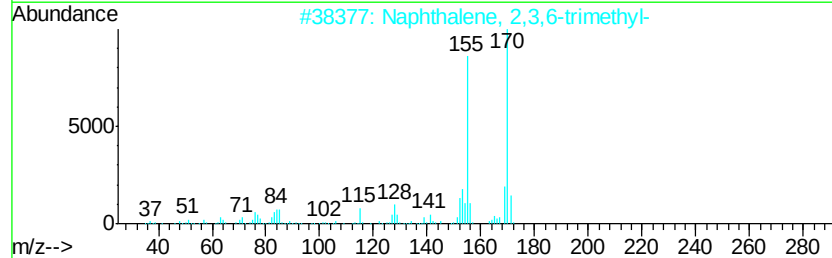
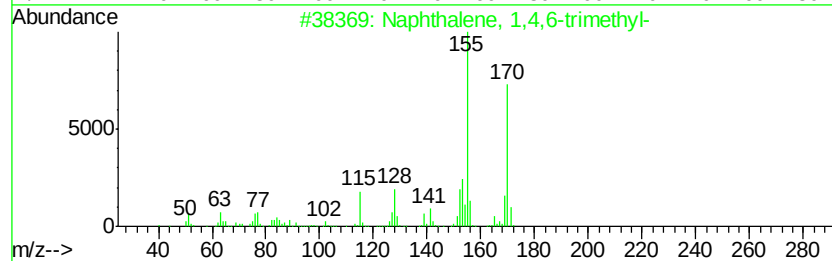
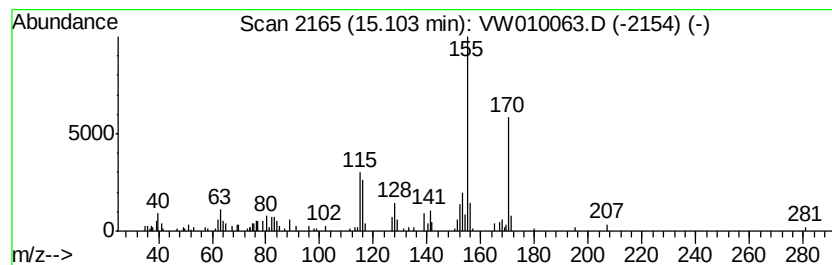
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Quant Title : VOC Analysis

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

Peak Number 8 Naphthalene, 1,4,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	1.60 ug/L	99324	1,4-Dichlorobenzene-d4	13.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	90
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	81
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	76
5		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW041919\
Data File : VW010063.D
Acq On : 19 Apr 2019 13:24
Operator : SY/VA
Sample : K2455-13
Misc : 5.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

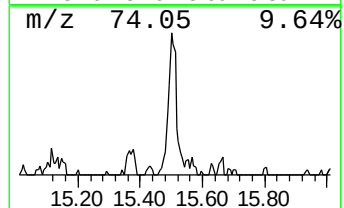
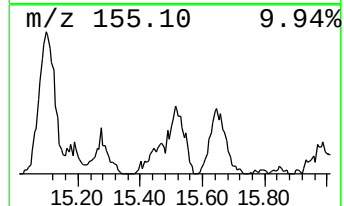
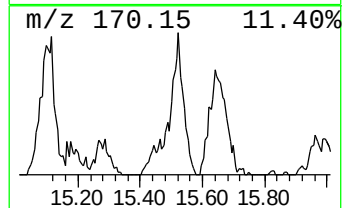
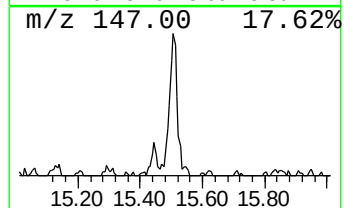
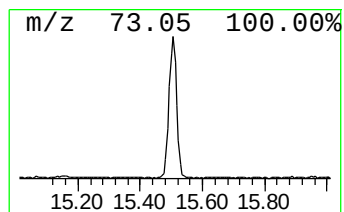
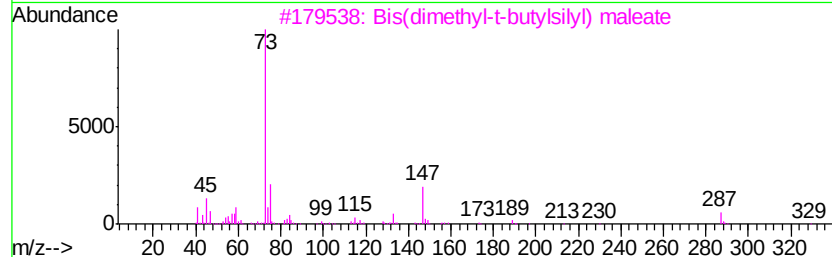
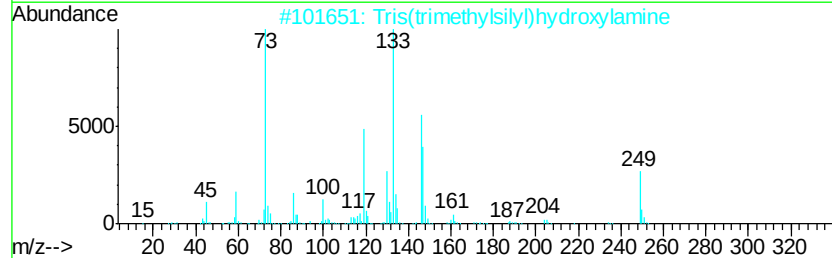
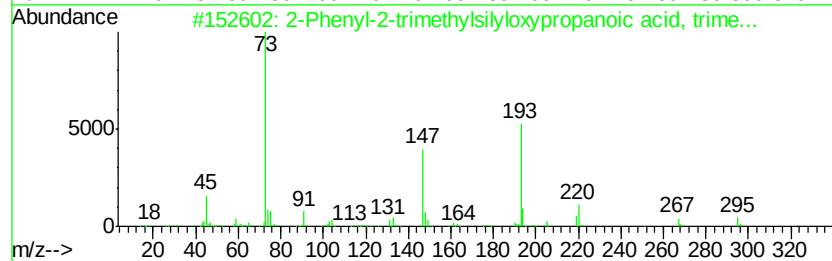
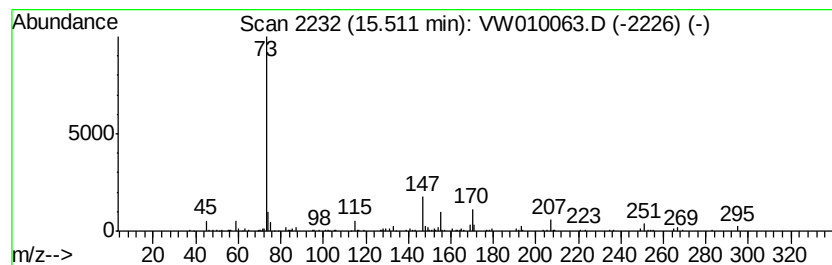
Instrument :
MSVOA_W
ClientSampleId :
GAHR3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
Quant Title : VOC Analysis

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

Peak Number 9 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.51	1.86 ug/L	115348	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenyl-2-trimethylsilyloxyprop...	310	C15H26O3Si2	082326-12-3	25
2	Tris(trimethylsilyl)hydroxylamine	249	C9H27NOSi3	021023-20-1	25
3	Bis(dimethyl-t-butylsilyl) maleate	344	C16H32O4Si2	104255-92-7	23
4	Silane, trimethyl-3-penten-2-yl-...	142	C8H18Si	053264-56-5	22
5	2,6-Octadiene, 1,8-bis(trimethyl...	254	C14H30Si2	1000149-32-8	22



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW041919\
Data File : VW010063.D
Acq On : 19 Apr 2019 13:24
Operator : SY/VA
Sample : K2455-13
Misc : 5.09G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAHR3

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.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
Ethyl Acetate	7.25	1.8	ug/L	87326	1	8.84	1222500	25.0
Naphthalene, 1,4-...	12.46	1.5	ug/L	92548	2	11.63	1588920	25.0
Naphthalene, 2,6-...	12.90	9.9	ug/L	617668	3	13.56	1552860	25.0
Naphthalene, 2,3-...	13.33	16.2	ug/L	1006480	3	13.56	1552860	25.0
Naphthalene, 1,5-...	14.33	1.5	ug/L	95354	3	13.56	1552860	25.0
1,1'-Biphenyl, 2-...	14.57	2.2	ug/L	136631	3	13.56	1552860	25.0
Naphthalene, 1,4,...	15.10	1.6	ug/L	99324	3	13.56	1552860	25.0
unknown-01	15.51	1.9	ug/L	115348	3	13.56	1552860	25.0