

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050219\
 Data File : VU031713.D
 Acq On : 02 May 2019 15:31
 Operator : JC/SP
 Sample : K2661-06 200X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B26

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_U\METHOD\SOMULM042719WMA.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	1.180	25	28	41	rVB	16875	15806	0.38%	0.033%
2	1.395	88	95	111	rVB	598424	649423	15.76%	1.358%
3	1.678	175	183	198	rBV	453646	586058	14.22%	1.225%
4	2.267	355	366	379	rVB	998934	1522268	36.94%	3.183%
5	2.521	442	445	450	rVB3	2445	2049	0.05%	0.004%
6	2.547	450	453	457	rBV3	1767	1881	0.05%	0.004%
7	2.643	480	483	485	rVB4	1459	831	0.02%	0.002%
8	2.694	489	499	500	rBV8	3215	4150	0.10%	0.009%
9	2.813	531	536	538	rBV4	1343	1007	0.02%	0.002%
10	2.994	589	592	596	rBV3	1439	1227	0.03%	0.003%
11	3.032	600	604	606	rVB4	1234	853	0.02%	0.002%
12	3.058	609	612	614	rBV2	1364	964	0.02%	0.002%
13	3.100	620	625	629	rBV3	939	1017	0.02%	0.002%
14	3.141	633	638	642	rVB5	1174	968	0.02%	0.002%
15	3.228	663	665	670	rVB4	1159	802	0.02%	0.002%
16	3.276	673	680	683	rBV7	1761	2010	0.05%	0.004%
17	3.473	738	741	745	rVB2	1114	976	0.02%	0.002%
18	3.518	753	755	760	rVB3	1136	942	0.02%	0.002%
19	3.540	760	762	767	rBV	1203	804	0.02%	0.002%
20	3.717	815	817	821	rVB3	1241	771	0.02%	0.002%
21	3.772	829	834	836	rVV4	1376	1173	0.03%	0.002%
22	3.846	854	857	860	rVB2	1241	795	0.02%	0.002%
23	3.871	860	865	871	rVB3	923	963	0.02%	0.002%
24	4.186	950	963	997	rBV	371743	1139546	27.65%	2.383%
25	4.418	1031	1035	1044	rVB4	3328	4396	0.11%	0.009%
26	4.489	1054	1057	1059	rBV3	1590	930	0.02%	0.002%
27	4.643	1087	1105	1128	rBV	638372	1524584	37.00%	3.188%
28	4.829	1161	1163	1167	rBV3	1134	823	0.02%	0.002%
29	4.968	1202	1206	1208	rBV3	2840	2309	0.06%	0.005%
30	5.241	1288	1291	1296	rVB4	1518	1276	0.03%	0.003%
31	5.334	1296	1320	1350	rBV2	1411732	4120767	100.00%	8.616%
32	5.704	1431	1435	1438	rBV5	1231	1053	0.03%	0.002%
33	5.755	1448	1451	1454	rBV4	1167	908	0.02%	0.002%
34	5.881	1475	1490	1516	rBV	1171552	2399085	58.22%	5.016%

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Integration Parameters: LSCINT.P

Integrator: RTE
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Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Title : VOC Analysis

35	6.177	1569	1582	1598	rBV	16832	41457	1.01%	0.087%
36	6.325	1613	1628	1651	rBV	896539	1839513	44.64%	3.846%
37	6.675	1732	1737	1740	rVB5	1456	1179	0.03%	0.002%
38	6.736	1754	1756	1760	rBV2	1238	826	0.02%	0.002%
39	6.833	1782	1786	1789	rBV2	1330	1054	0.03%	0.002%
40	6.874	1794	1799	1802	rBV5	1582	1423	0.03%	0.003%
41	6.935	1816	1818	1824	rVB4	1359	1164	0.03%	0.002%
42	6.977	1824	1831	1833	rBV7	1779	2016	0.05%	0.004%
43	7.016	1841	1843	1848	rBV4	898	787	0.02%	0.002%
44	7.090	1862	1866	1869	rBV2	1595	1254	0.03%	0.003%
45	7.148	1877	1884	1886	rBV3	1182	1392	0.03%	0.003%
46	7.225	1896	1908	1939	rVV	509924	954992	23.18%	1.997%
47	7.386	1955	1958	1964	rVB6	1851	1668	0.04%	0.003%
48	7.562	1998	2013	2057	rBV	1768770	3271623	79.39%	6.841%
49	7.804	2083	2088	2090	rBV5	1699	1324	0.03%	0.003%
50	7.849	2091	2102	2130	rVV2	335665	614913	14.92%	1.286%
51	8.167	2198	2201	2204	rBV4	1507	941	0.02%	0.002%
52	8.225	2209	2219	2235	rBV2	48698	90600	2.20%	0.189%
53	8.308	2235	2245	2285	rBV	1382337	2559119	62.10%	5.351%
54	8.559	2320	2323	2327	rVB4	2056	1538	0.04%	0.003%
55	8.800	2396	2398	2401	rVB3	2045	1117	0.03%	0.002%
56	8.823	2403	2405	2410	rBV3	1020	981	0.02%	0.002%
57	8.890	2423	2426	2431	rVB4	1988	1372	0.03%	0.003%
58	8.961	2444	2448	2450	rBV3	1379	1013	0.02%	0.002%
59	9.009	2461	2463	2467	rVB4	1487	988	0.02%	0.002%
60	9.086	2473	2487	2525	rVV	1680215	2916188	70.77%	6.098%
61	9.247	2533	2537	2538	rBV3	2305	1796	0.04%	0.004%
62	9.376	2568	2577	2584	rBV6	11569	20928	0.51%	0.044%
63	9.508	2616	2618	2622	rBV3	2210	1490	0.04%	0.003%
64	9.550	2628	2631	2635	rBV3	1876	887	0.02%	0.002%
65	9.623	2651	2654	2660	rVB6	2358	2061	0.05%	0.004%
66	9.681	2668	2672	2675	rVB4	1255	852	0.02%	0.002%
67	9.701	2675	2678	2682	rBV5	1969	1758	0.04%	0.004%
68	9.781	2696	2703	2704	rBV4	5205	5132	0.12%	0.011%
69	9.868	2727	2730	2734	rVB4	1678	1455	0.04%	0.003%
70	10.032	2778	2781	2785	rBV4	1413	1140	0.03%	0.002%
71	10.058	2785	2789	2791	rVV3	2019	1388	0.03%	0.003%

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Integration Parameters: LSCINT.P

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72	10.093	2796	2800	2803	rBV5	2080	1750	0.04%	0.004%
73	10.193	2828	2831	2833	rBV2	1426	922	0.02%	0.002%
74	10.305	2864	2866	2869	rBV4	1373	771	0.02%	0.002%
75	10.376	2884	2888	2891	rBV3	1572	1425	0.03%	0.003%
76	10.427	2891	2904	2927	rVV	1143599	1869778	45.37%	3.910%
77	10.681	2979	2983	2988	rBV6	3775	3850	0.09%	0.008%
78	10.749	3002	3004	3005	rBV2	1814	778	0.02%	0.002%
79	10.897	3047	3050	3053	rBV3	2203	1457	0.04%	0.003%
80	11.151	3121	3129	3141	rVB5	14881	27544	0.67%	0.058%
81	11.318	3179	3181	3183	rBV3	2126	1266	0.03%	0.003%
82	11.479	3219	3231	3255	rBV	1640261	2680724	65.05%	5.605%
83	11.855	3337	3348	3373	rBV	1586698	2621213	63.61%	5.481%
84	11.980	3381	3387	3400	rVB3	33836	53990	1.31%	0.113%
85	13.189	3756	3763	3779	rVB4	21266	37709	0.92%	0.079%
86	13.739	3923	3934	3961	rBV	667970	1193186	28.96%	2.495%
87	14.874	4276	4287	4311	rBV	1294789	2196594	53.31%	4.593%
88	15.057	4335	4344	4366	rVB	529482	922339	22.38%	1.929%
89	15.604	4506	4514	4525	rVB	277766	420939	10.22%	0.880%
90	15.794	4566	4573	4582	rBV	224446	350201	8.50%	0.732%
91	15.909	4598	4609	4623	rBV	1337680	2293907	55.67%	4.796%
92	16.054	4645	4654	4661	rBV	1004254	1555020	37.74%	3.251%
93	16.186	4686	4695	4707	rBV	679842	1056950	25.65%	2.210%
94	16.427	4763	4770	4780	rBV	195195	287922	6.99%	0.602%
95	16.523	4789	4800	4816	rVB3	1059577	2001941	48.58%	4.186%
96	16.626	4826	4832	4844	rVB5	393867	619861	15.04%	1.296%
97	16.765	4870	4875	4884	rVB	391903	521920	12.67%	1.091%
98	17.160	4990	4998	5009	rBV	692576	1117328	27.11%	2.336%
99	17.224	5010	5018	5027	rVB2	538439	797676	19.36%	1.668%
100	17.527	5103	5112	5127	rBV4	442607	843003	20.46%	1.763%

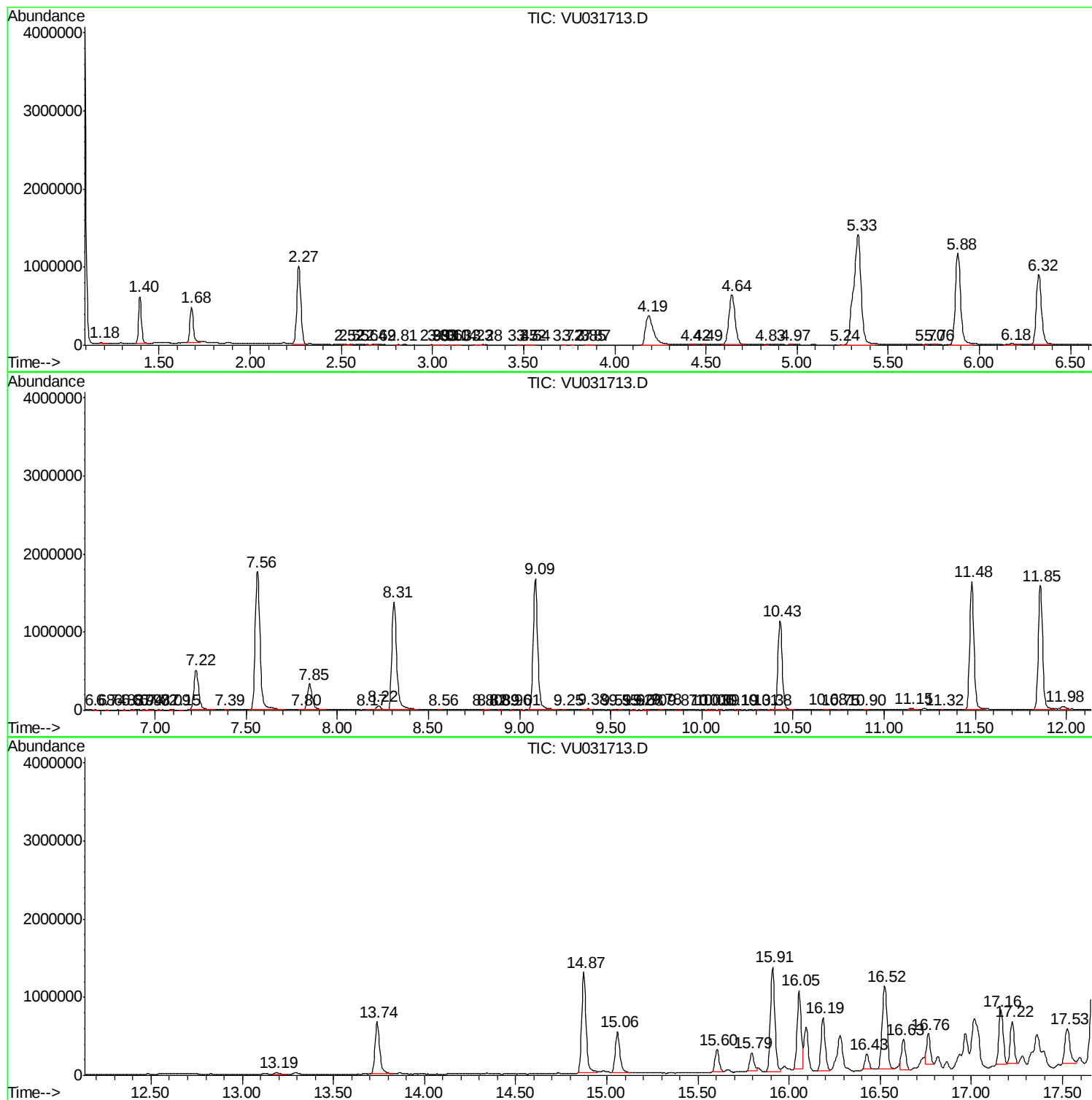
Sum of corrected areas: 47824708

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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



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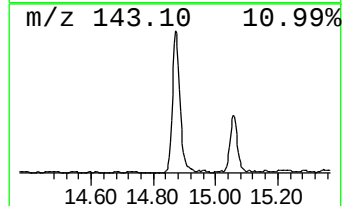
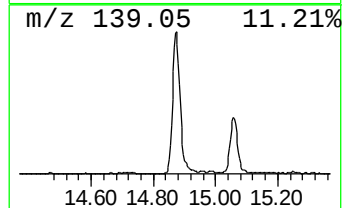
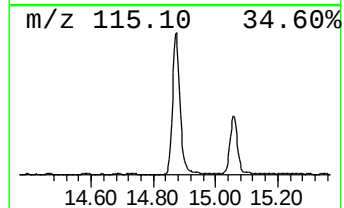
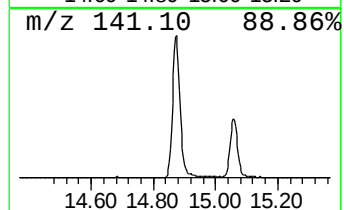
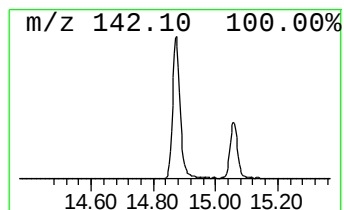
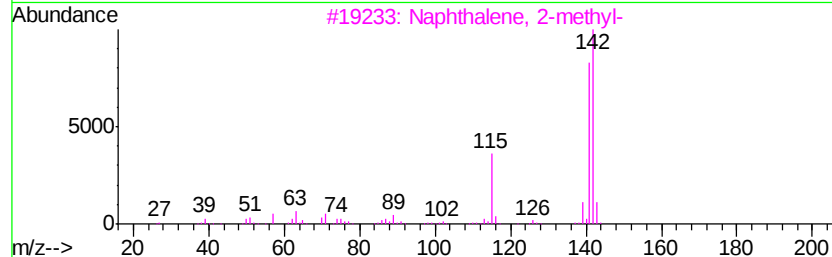
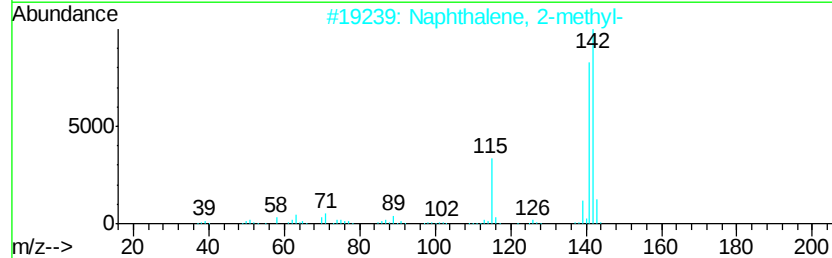
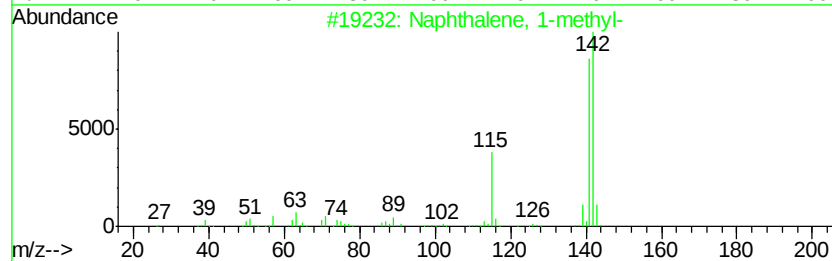
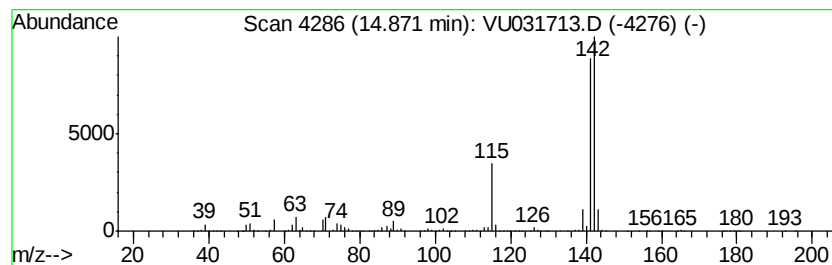
Instrument :
MSVOA_U
ClientSampleId :
C0B26

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	40.97 ug/L	2196590	1,4-Dichlorobenzene-d4	11.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 96
2		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 96
3		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 96
4		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 94
5		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 94



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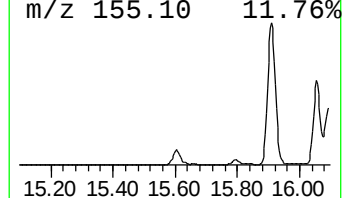
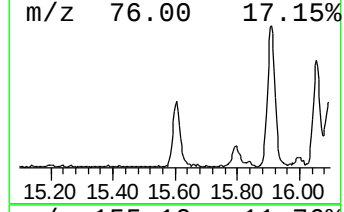
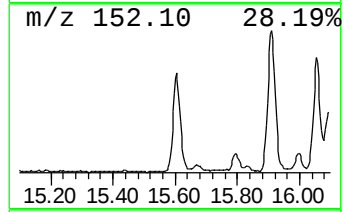
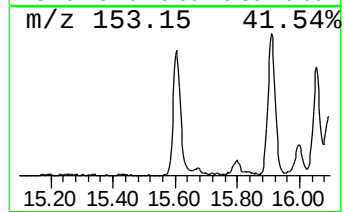
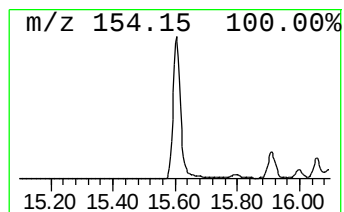
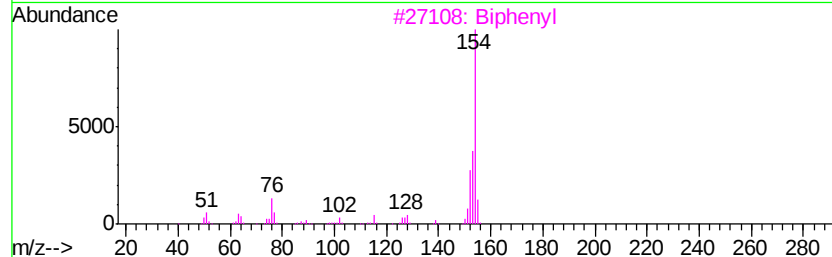
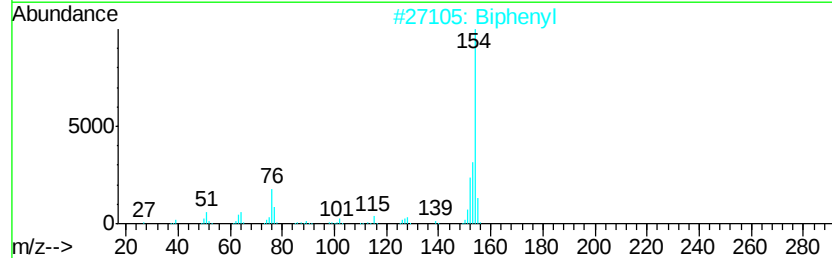
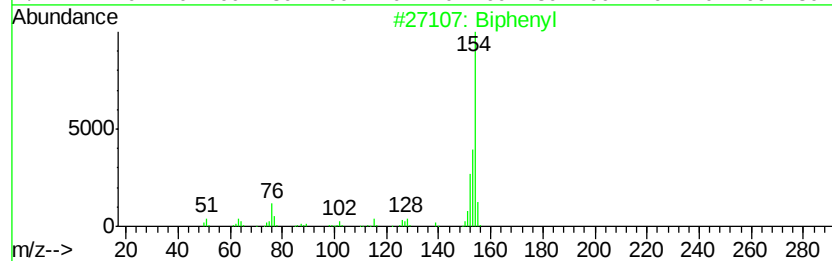
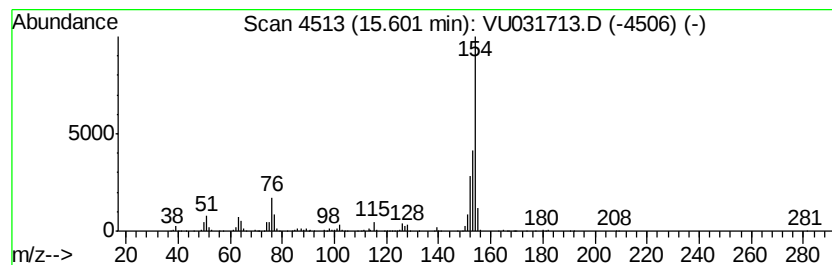
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 5 Biphenyl Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	7.85 ug/L	420939	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Biphenyl	154	C12H10	000092-52-4	94
2		Biphenyl	154	C12H10	000092-52-4	93
3		Biphenyl	154	C12H10	000092-52-4	91
4		Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	87
5		Biphenyl	154	C12H10	000092-52-4	76



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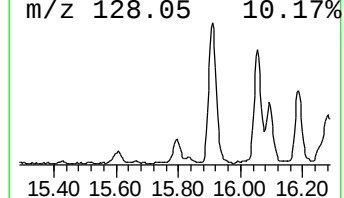
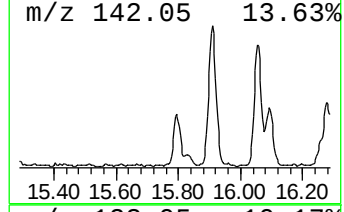
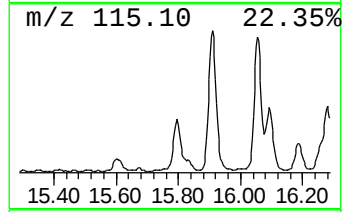
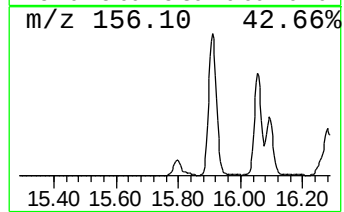
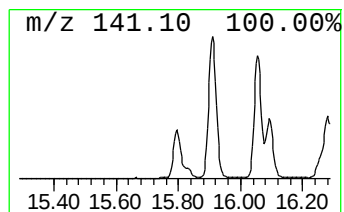
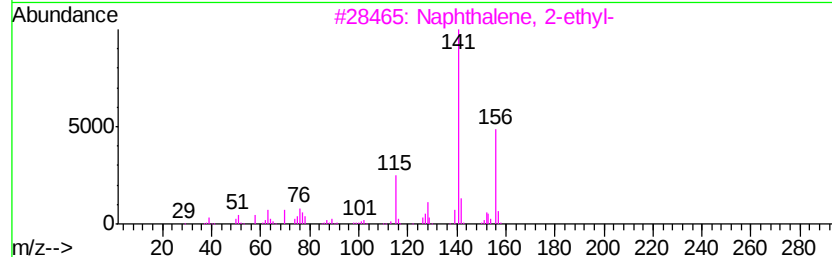
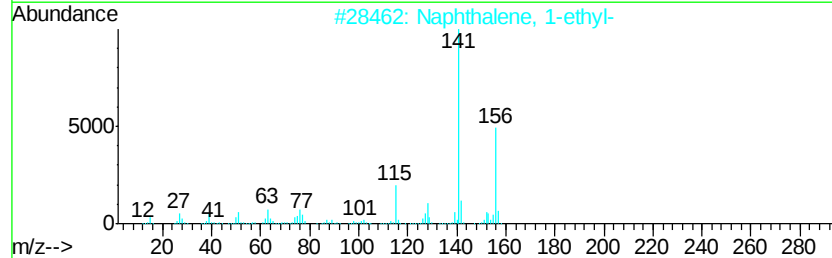
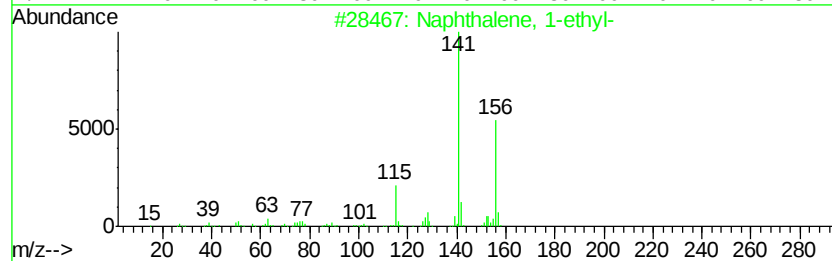
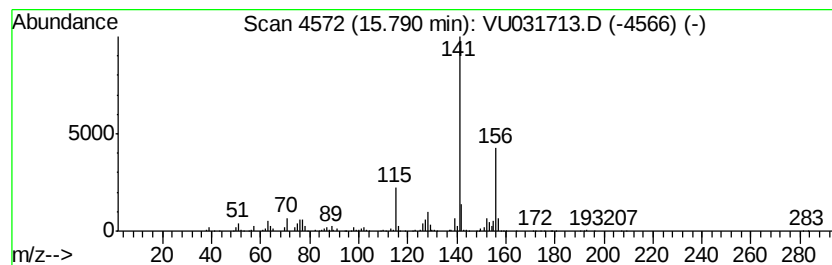
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ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 6 Naphthalene, 1-ethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	6.53 ug/L	350201	1,4-Dichlorobenzene-d4	11.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 97
2		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 96
3		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 96
4		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 96
5		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050219\
Data File : VU031713.D
Acq On : 02 May 2019 15:31
Operator : JC/SP
Sample : K2661-06 200X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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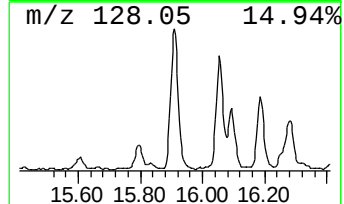
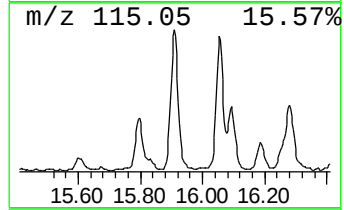
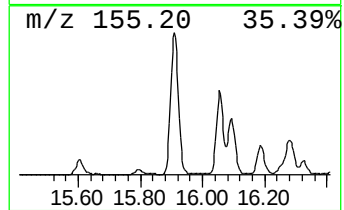
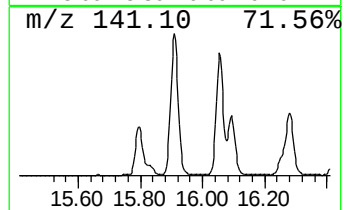
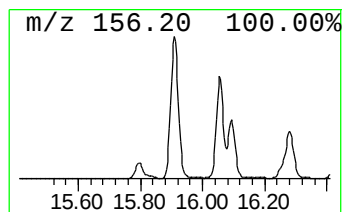
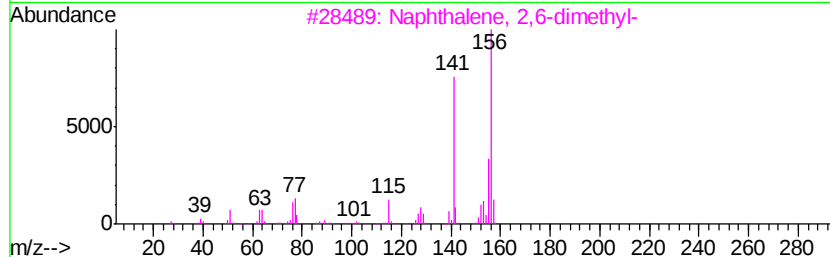
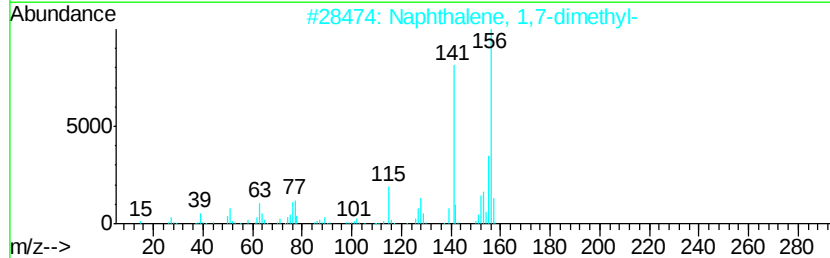
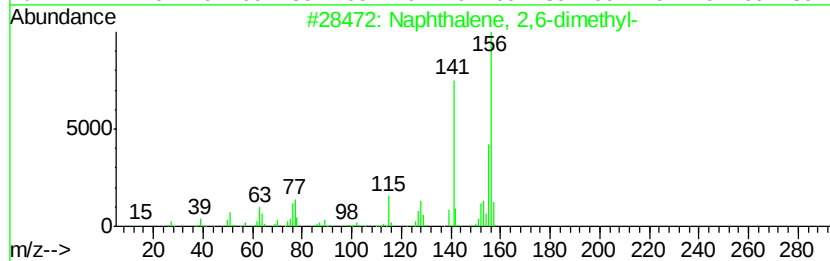
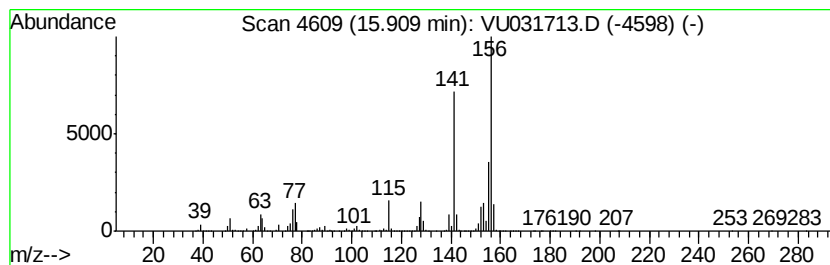
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Quant Title : VOC Analysis

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

Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	42.79 ug/L	2293910	1,4-Dichlorobenzene-d4	11.48

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050219\
Data File : VU031713.D
Acq On : 02 May 2019 15:31
Operator : JC/SP
Sample : K2661-06 200X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

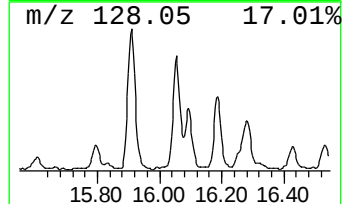
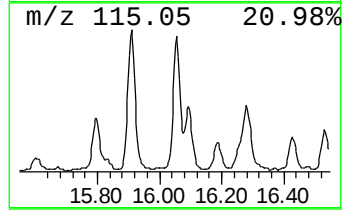
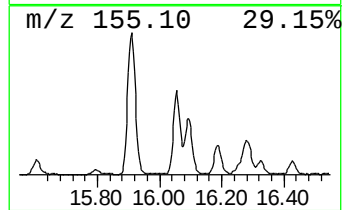
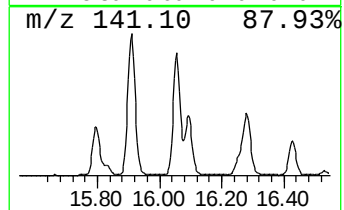
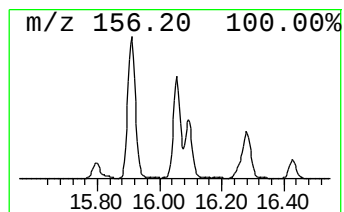
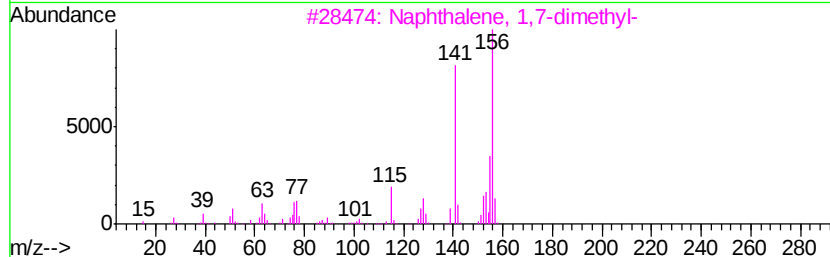
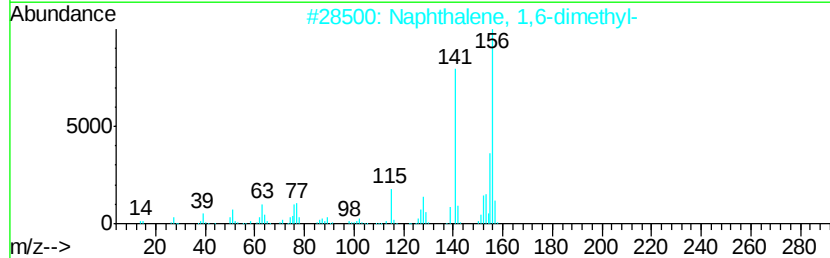
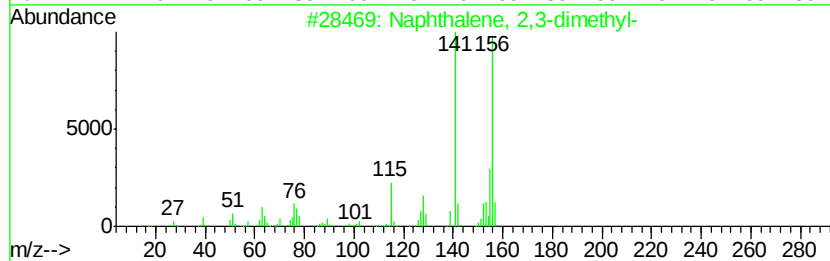
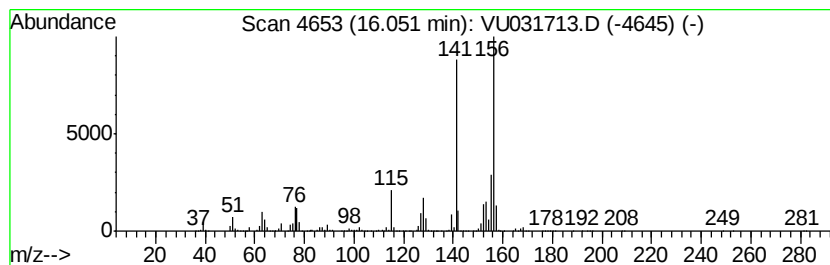
Instrument :
MSVOA_U
ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	29.00 ug/L	1555020	1,4-Dichlorobenzene-d4	11.48
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 98
3		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 98
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:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050219\
Data File : VU031713.D
Acq On : 02 May 2019 15:31
Operator : JC/SP
Sample : K2661-06 200X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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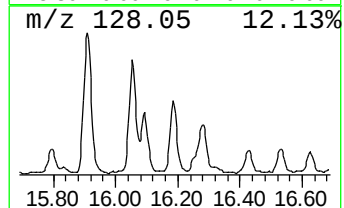
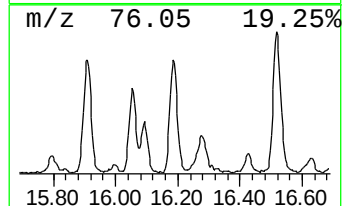
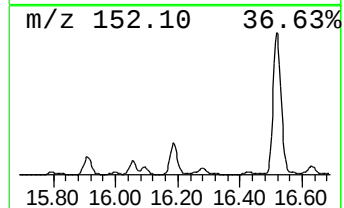
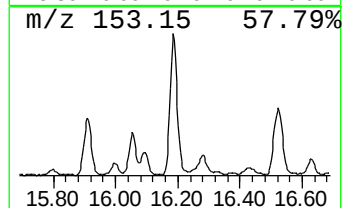
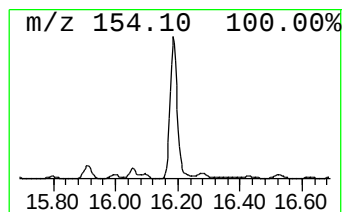
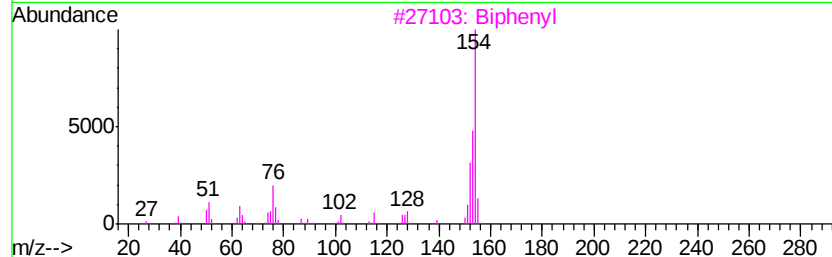
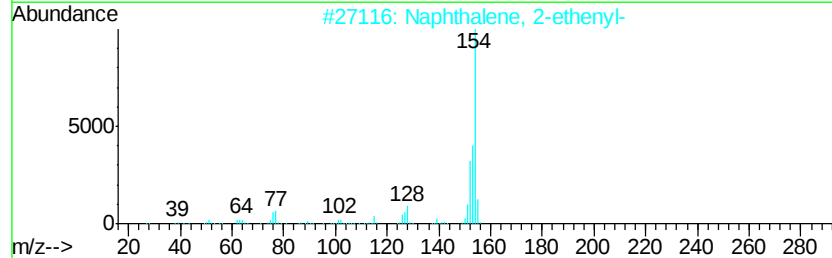
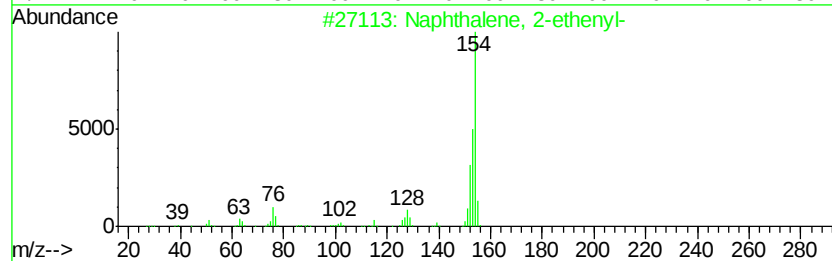
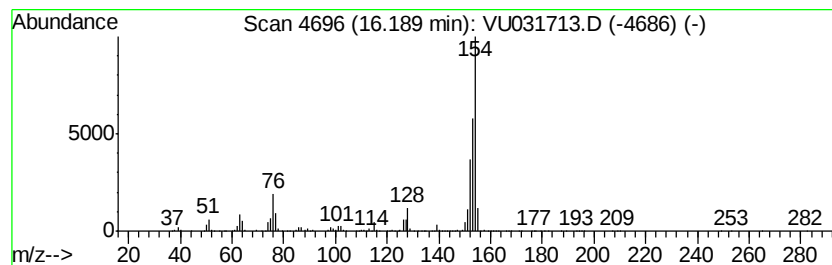
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Quant Title : VOC Analysis

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

Peak Number 9 Naphthalene, 2-ethenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	19.71 ug/L	1056950	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	93
2		Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	93
3		Biphenyl	154	C12H10	000092-52-4	93
4		Biphenyl	154	C12H10	000092-52-4	90
5		Acenaphthene	154	C12H10	000083-32-9	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050219\
Data File : VU031713.D
Acq On : 02 May 2019 15:31
Operator : JC/SP
Sample : K2661-06 200X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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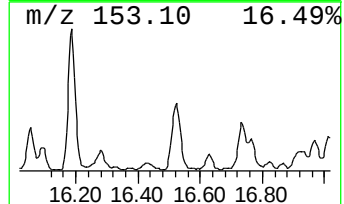
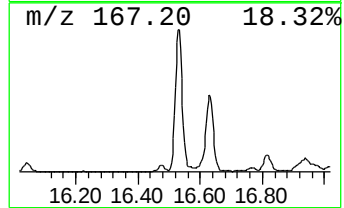
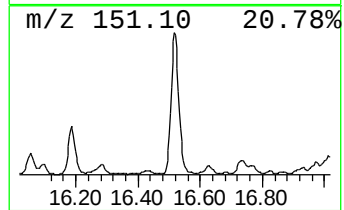
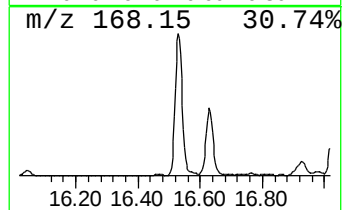
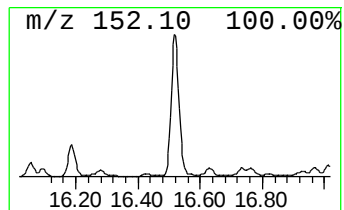
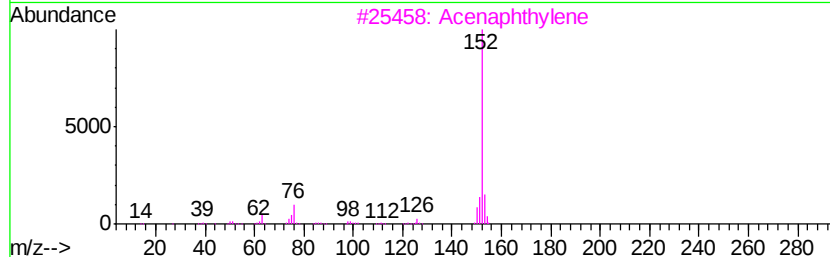
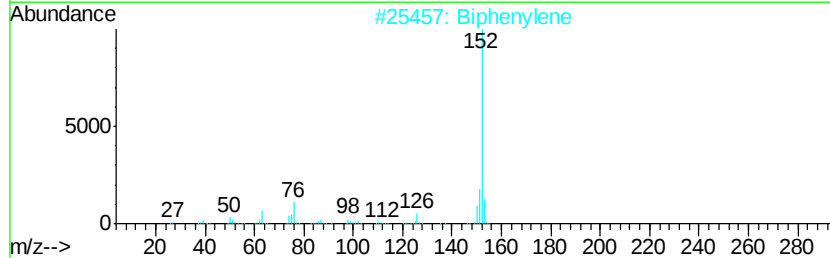
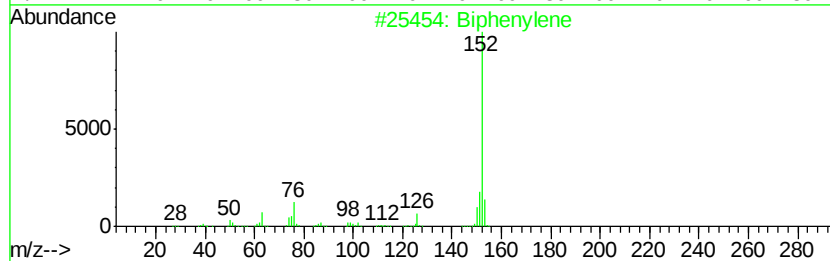
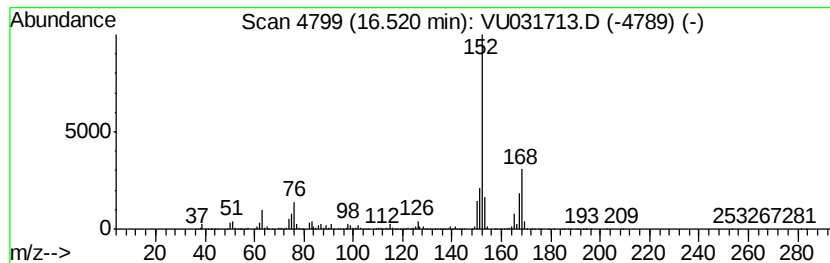
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Quant Title : VOC Analysis

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

Peak Number 11 Biphenylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	37.34 ug/L	2001940	1,4-Dichlorobenzene-d4	11.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Biphenylene	152	C12H8	000259-79-0	78
2			Biphenylene	152	C12H8	000259-79-0	60
3			Acenaphthylene	152	C12H8	000208-96-8	55
4			Acenaphthylene	152	C12H8	000208-96-8	50
5			1-acenaphthenol, trifluoroacetat...	266	C14H9F3O2	1000376-45-2	46



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050219\
Data File : VU031713.D
Acq On : 02 May 2019 15:31
Operator : JC/SP
Sample : K2661-06 200X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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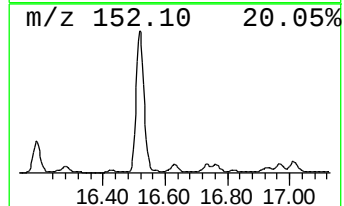
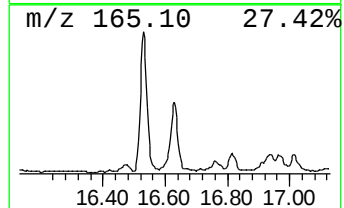
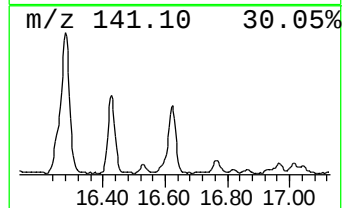
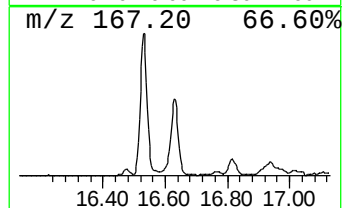
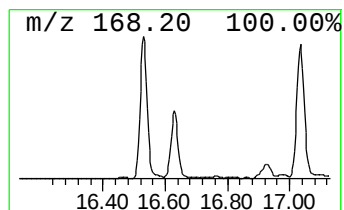
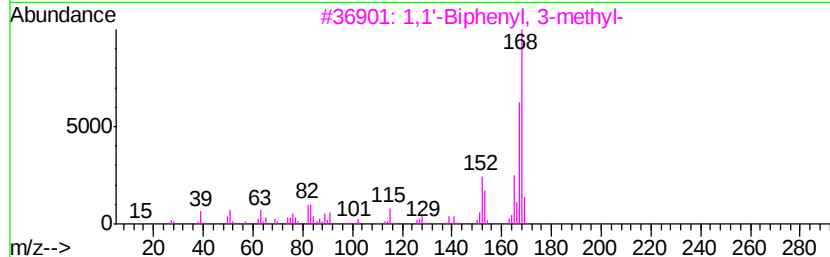
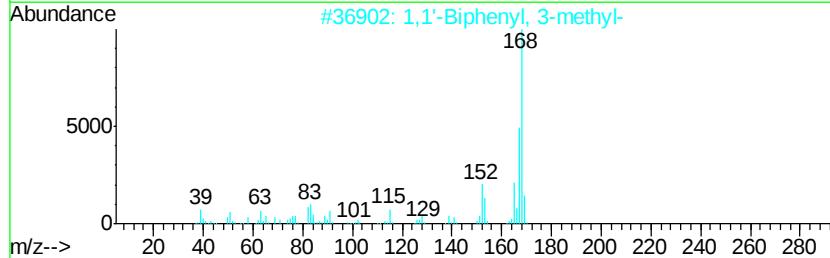
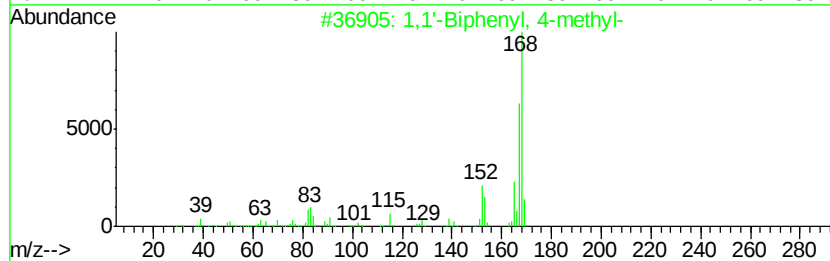
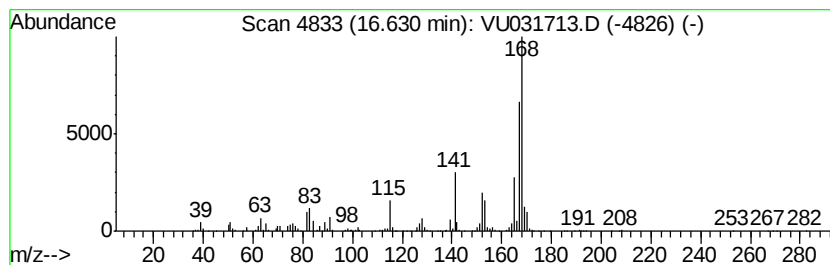
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Quant Title : VOC Analysis

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

Peak Number 12 1,1'-Biphenyl, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	11.56 ug/L	619861	1,4-Dichlorobenzene-d4	11.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	95
2			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	83
3			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	70
4			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	70
5			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	70



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050219\
Data File : VU031713.D
Acq On : 02 May 2019 15:31
Operator : JC/SP
Sample : K2661-06 200X
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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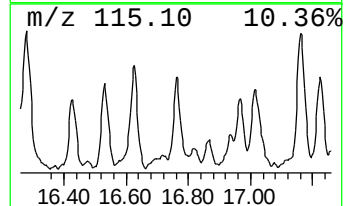
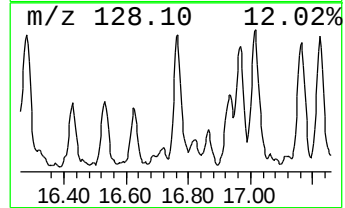
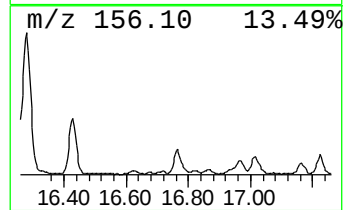
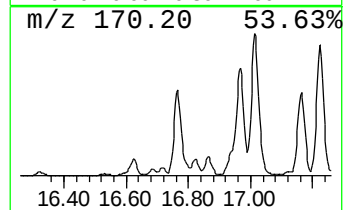
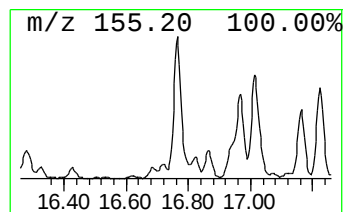
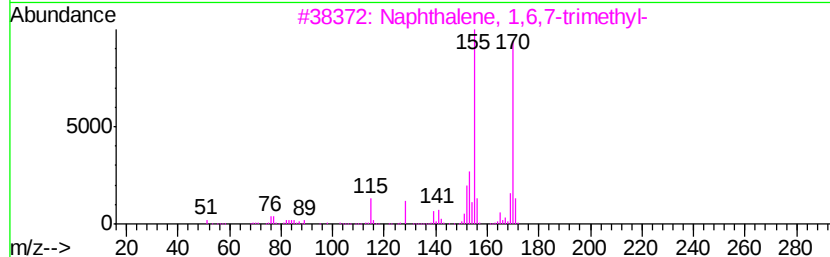
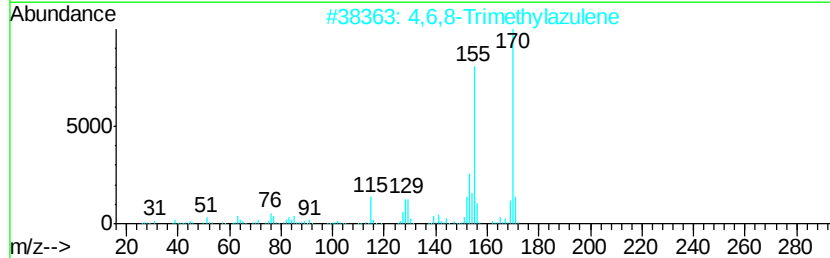
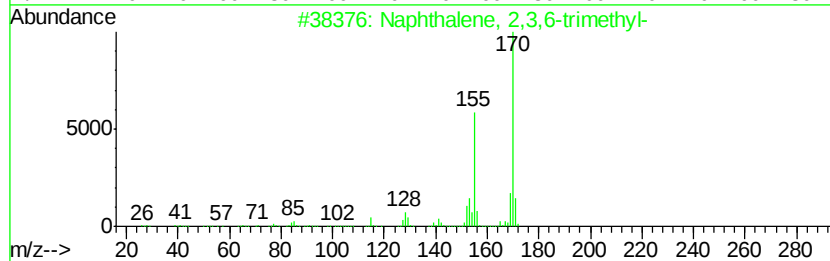
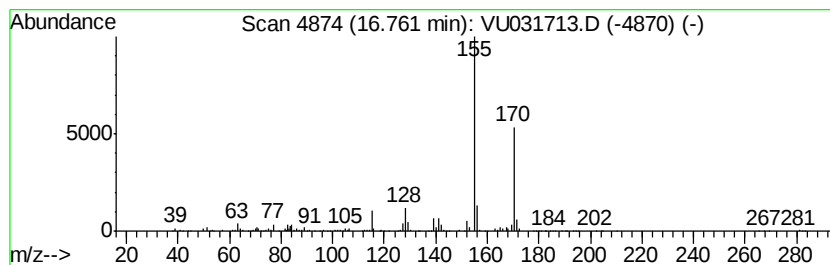
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Quant Title : VOC Analysis

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

Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	9.73 ug/L	521920	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87
2		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	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-(1-methylethyl)-	170	C13H14	002027-17-0	78



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050219\
Data File : VU031713.D
Acq On : 02 May 2019 15:31
Operator : JC/SP
Sample : K2661-06 200X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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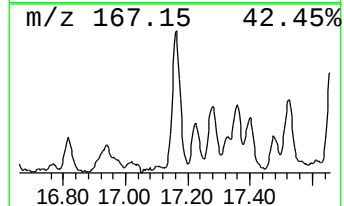
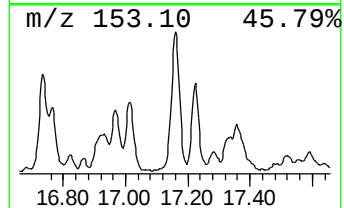
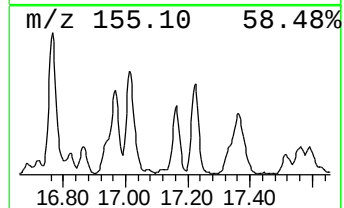
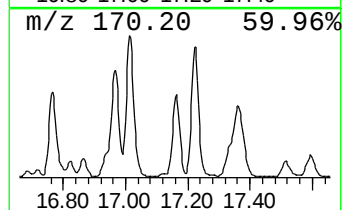
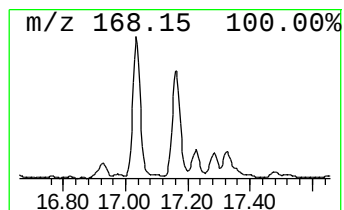
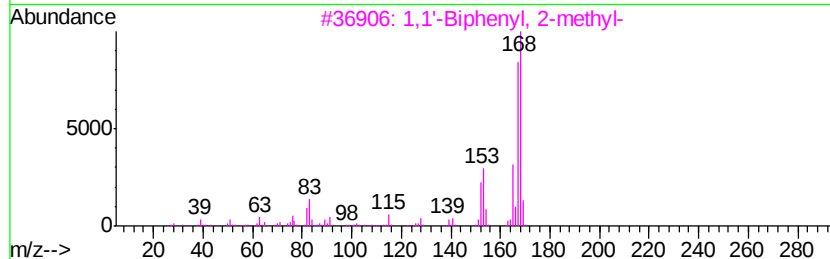
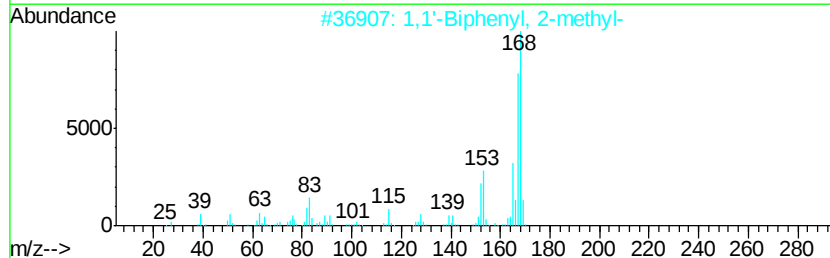
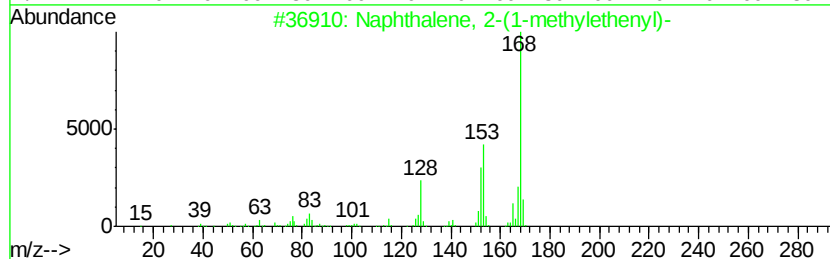
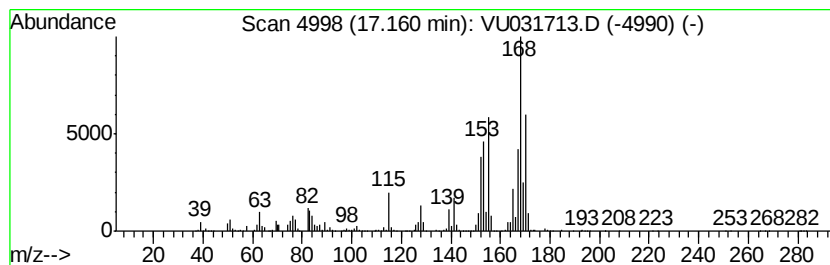
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Quant Title : VOC Analysis

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

Peak Number 14 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.16	20.84 ug/L	1117330	1,4-Dichlorobenzene-d4	11.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	46
2			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	43
3			1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	38
4			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	38
5			1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	38



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050219\
Data File : VU031713.D
Acq On : 02 May 2019 15:31
Operator : JC/SP
Sample : K2661-06 200X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B26

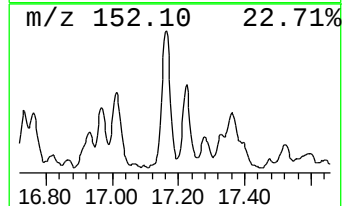
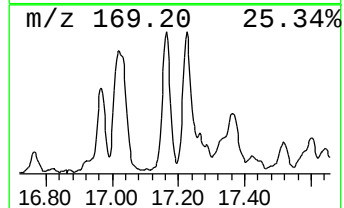
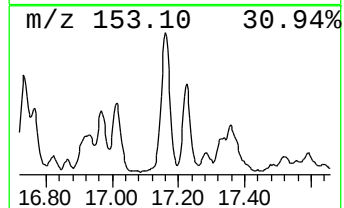
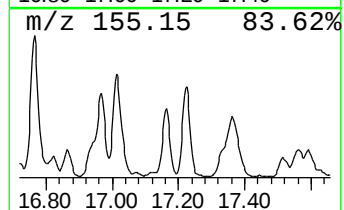
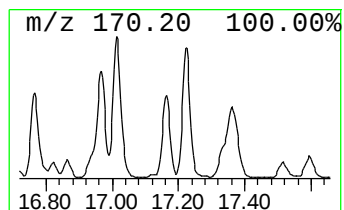
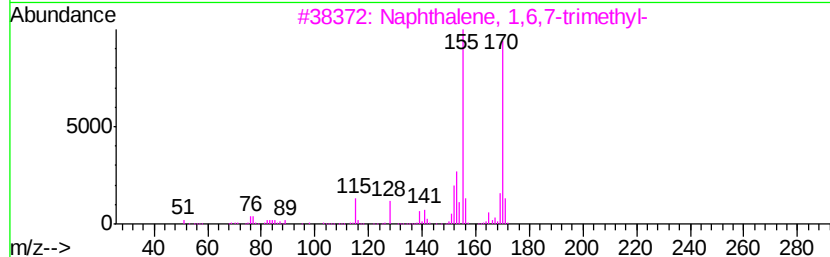
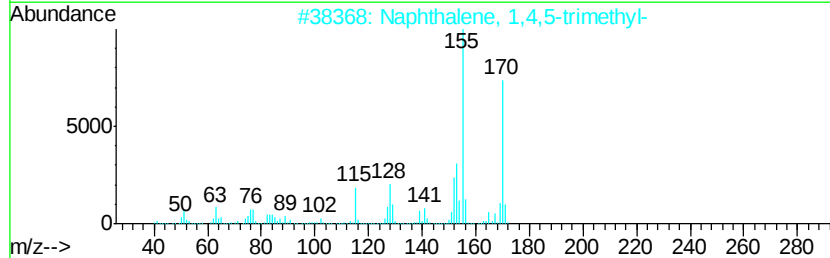
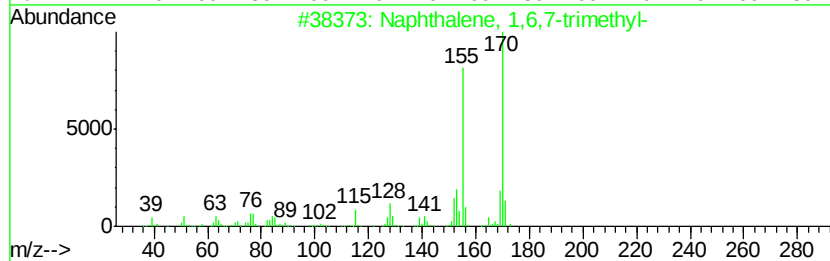
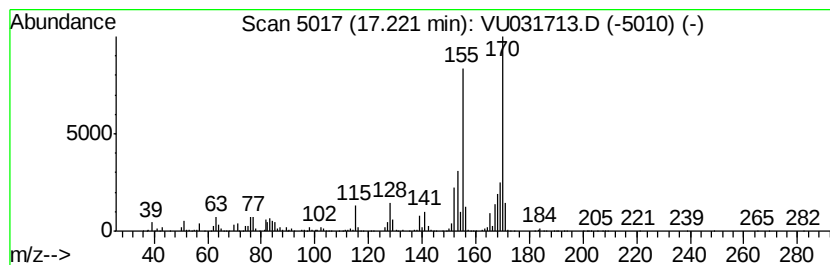
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Quant Title : VOC Analysis

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

Peak Number 15 Naphthalene, 1,6,7-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	14.88 ug/L	797676	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
5		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050219\
Data File : VU031713.D
Acq On : 02 May 2019 15:31
Operator : JC/SP
Sample : K2661-06 200X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

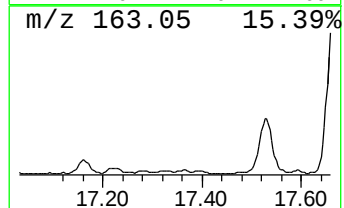
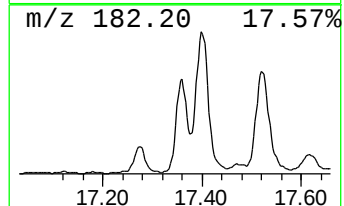
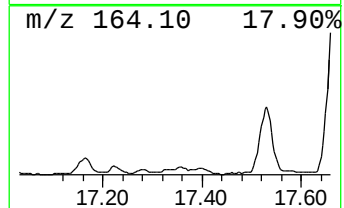
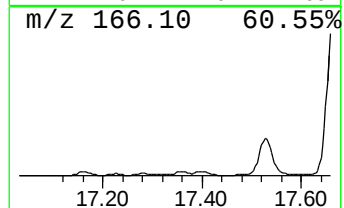
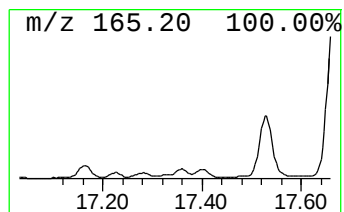
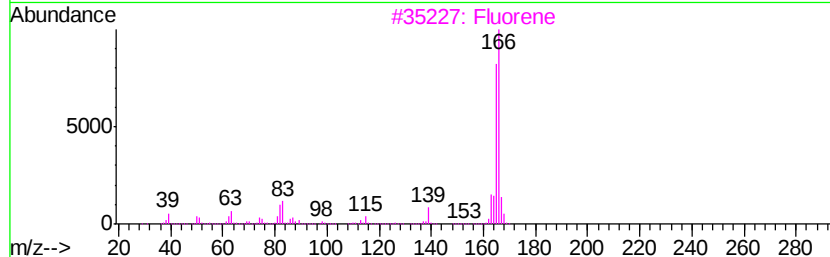
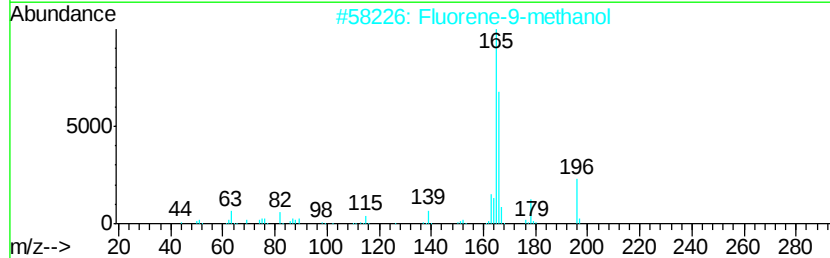
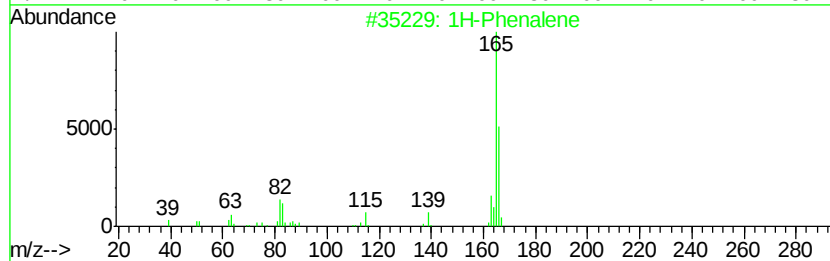
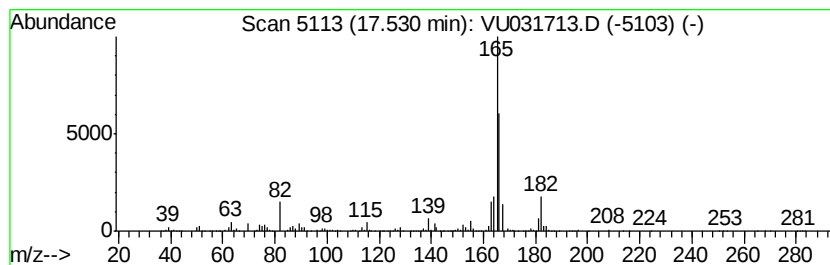
Instrument :
MSVOA_U
ClientSampleId :
C0B26

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 16 1H-Phenalene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.53	15.72 ug/L	843003	1,4-Dichlorobenzene-d4	11.48		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Phenalene	166	C13H10	000203-80-5	70
2		Fluorene-9-methanol	196	C14H12O	024324-17-2	64
3		Fluorene	166	C13H10	000086-73-7	53
4		Fluorene	166	C13H10	000086-73-7	49
5		Fluorene, 9-chloro-	200	C13H9Cl	006630-65-5	47



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050219\
Data File : VU031713.D
Acq On : 02 May 2019 15:31
Operator : JC/SP
Sample : K2661-06 200X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B26

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.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
Naphthalene, 1-me...	14.87	41.0	ug/L	2196590	3	11.48	2680720	50.0
Biphenyl	15.60	7.8	ug/L	420939	3	11.48	2680720	50.0
Naphthalene, 1-et...	15.79	6.5	ug/L	350201	3	11.48	2680720	50.0
Naphthalene, 2,6-...	15.91	42.8	ug/L	2293910	3	11.48	2680720	50.0
Naphthalene, 2,3-...	16.05	29.0	ug/L	1555020	3	11.48	2680720	50.0
Naphthalene, 2-et...	16.19	19.7	ug/L	1056950	3	11.48	2680720	50.0
Biphenylene	16.52	37.3	ug/L	2001940	3	11.48	2680720	50.0
1,1'-Biphenyl, 4-...	16.63	11.6	ug/L	619861	3	11.48	2680720	50.0
Naphthalene, 2,3,...	16.76	9.7	ug/L	521920	3	11.48	2680720	50.0
unknown-01	17.16	20.8	ug/L	1117330	3	11.48	2680720	50.0
Naphthalene, 1,6,...	17.22	14.9	ug/L	797676	3	11.48	2680720	50.0
1H-Phenalene	17.53	15.7	ug/L	843003	3	11.48	2680720	50.0