

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042319\
 Data File : VU031441.D
 Acq On : 23 Apr 2019 16:22
 Operator : JC/SP
 Sample : K2536-03 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X23

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\SOMULM042319WMA.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	23	28	36	rVB2	20338	20195	0.61%	0.063%
2	1.396	88	95	109	rVB	344102	373848	11.38%	1.160%
3	1.679	176	183	197	rBV	279438	350123	10.66%	1.087%
4	1.881	241	246	259	rVB2	26124	36898	1.12%	0.115%
5	2.267	356	366	380	rVB	589047	898507	27.35%	2.789%
6	2.473	424	430	431	rBV4	1028	1052	0.03%	0.003%
7	2.630	474	479	482	rVB5	971	859	0.03%	0.003%
8	2.695	495	499	500	rBV3	1927	1199	0.04%	0.004%
9	2.769	518	522	525	rVB2	1134	870	0.03%	0.003%
10	2.791	525	529	533	rBV4	1052	880	0.03%	0.003%
11	2.830	537	541	545	rBV3	923	752	0.02%	0.002%
12	2.855	545	549	555	rVB5	1158	1259	0.04%	0.004%
13	2.881	555	557	559	rBV2	924	516	0.02%	0.002%
14	2.897	559	562	567	rBV3	746	661	0.02%	0.002%
15	2.984	585	589	594	rVB6	955	872	0.03%	0.003%
16	3.151	639	641	645	rVB4	730	516	0.02%	0.002%
17	3.203	650	657	662	rVB4	871	1044	0.03%	0.003%
18	3.309	685	690	693	rVB4	1129	908	0.03%	0.003%
19	3.495	746	748	752	rVB2	763	570	0.02%	0.002%
20	3.518	752	755	759	rBV3	1113	761	0.02%	0.002%
21	3.547	759	764	766	rBV3	738	650	0.02%	0.002%
22	3.585	772	776	780	rVB2	728	658	0.02%	0.002%
23	3.711	808	815	817	rBV3	1030	1345	0.04%	0.004%
24	3.775	831	835	839	rBV2	720	660	0.02%	0.002%
25	3.833	849	853	858	rBV4	941	1339	0.04%	0.004%
26	3.926	878	882	885	rBV2	1748	1174	0.04%	0.004%
27	3.945	885	888	891	rBV	782	500	0.02%	0.002%
28	3.994	900	903	908	rBV2	973	851	0.03%	0.003%
29	4.087	929	932	937	rVB3	861	568	0.02%	0.002%
30	4.186	950	963	997	rBV2	229798	733125	22.31%	2.276%
31	4.643	1086	1105	1131	rBV2	409473	972578	29.60%	3.019%
32	4.830	1160	1163	1164	rBV2	1149	665	0.02%	0.002%
33	4.875	1175	1177	1181	rBV4	857	686	0.02%	0.002%
34	4.977	1204	1209	1221	rVB8	2633	4620	0.14%	0.014%

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Integration Parameters: LSCINT.P

Integrator: RTE
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Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
 Title : VOC Analysis

35	5.129	1251	1256	1261	rVB5	1354	1573	0.05%	0.005%
36	5.334	1296	1320	1367	rBV2	853796	2565760	78.09%	7.964%
37	5.662	1417	1422	1424	rBV4	1086	829	0.03%	0.003%
38	5.881	1476	1490	1525	rBV	780941	1620361	49.32%	5.030%
39	6.180	1569	1583	1615	rBV	1647310	3285502	100.00%	10.198%
40	6.325	1616	1628	1656	rVB	541612	1123940	34.21%	3.489%
41	6.540	1692	1695	1697	rBV3	1417	715	0.02%	0.002%
42	6.614	1716	1718	1722	rBV3	893	709	0.02%	0.002%
43	6.704	1744	1746	1752	rBV3	1198	1189	0.04%	0.004%
44	6.842	1786	1789	1793	rBV4	745	677	0.02%	0.002%
45	6.868	1793	1797	1799	rBV2	1016	683	0.02%	0.002%
46	6.900	1804	1807	1813	rVB5	1312	1080	0.03%	0.003%
47	6.987	1830	1834	1839	rVB4	1186	1408	0.04%	0.004%
48	7.161	1885	1888	1890	rBV2	838	549	0.02%	0.002%
49	7.225	1896	1908	1934	rBV2	321546	608121	18.51%	1.888%
50	7.408	1963	1965	1967	rBV3	1211	679	0.02%	0.002%
51	7.498	1990	1993	1999	rBV7	1828	1995	0.06%	0.006%
52	7.563	1999	2013	2046	rBV	1118671	2064204	62.83%	6.407%
53	7.849	2091	2102	2121	rBV	207208	381791	11.62%	1.185%
54	8.051	2161	2165	2168	rBV4	858	760	0.02%	0.002%
55	8.119	2183	2186	2191	rVB6	1352	1088	0.03%	0.003%
56	8.183	2202	2206	2209	rBV3	1109	982	0.03%	0.003%
57	8.228	2209	2220	2233	rBV4	23512	41767	1.27%	0.130%
58	8.308	2234	2245	2279	rBV	880071	1619767	49.30%	5.028%
59	8.514	2307	2309	2311	rBV3	1457	591	0.02%	0.002%
60	8.546	2316	2319	2323	rBV4	1371	1243	0.04%	0.004%
61	8.630	2343	2345	2348	rBV4	1143	641	0.02%	0.002%
62	8.784	2391	2393	2397	rVB3	1041	617	0.02%	0.002%
63	9.003	2458	2461	2463	rBV3	1002	800	0.02%	0.002%
64	9.087	2474	2487	2518	rBV	1173504	2016484	61.38%	6.259%
65	9.283	2546	2548	2551	rBV4	1639	1018	0.03%	0.003%
66	9.379	2571	2578	2590	rVB6	9484	16584	0.50%	0.051%
67	9.685	2670	2673	2677	rVB6	1358	1229	0.04%	0.004%
68	9.710	2679	2681	2686	rVB5	1218	623	0.02%	0.002%
69	9.733	2686	2688	2692	rBV4	792	529	0.02%	0.002%
70	9.755	2692	2695	2696	rBV2	853	513	0.02%	0.002%
71	9.861	2725	2728	2729	rBV2	1193	618	0.02%	0.002%

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Integration Parameters: LSCINT.P

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 Smoothing : OFF
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72	10.119	2805	2808	2812	rBV3	1348	880	0.03%	0.003%
73	10.193	2829	2831	2833	rBV3	1059	654	0.02%	0.002%
74	10.244	2845	2847	2849	rBV3	1144	635	0.02%	0.002%
75	10.427	2891	2904	2925	rBV	734474	1200694	36.55%	3.727%
76	10.559	2943	2945	2950	rBV4	1522	1056	0.03%	0.003%
77	10.652	2972	2974	2976	rVB2	1290	503	0.02%	0.002%
78	10.765	3005	3009	3010	rBV3	2804	2022	0.06%	0.006%
79	11.218	3142	3150	3158	rBV5	12649	21586	0.66%	0.067%
80	11.479	3220	3231	3255	rBV	1106952	1799611	54.77%	5.586%
81	11.855	3336	3348	3370	rBV	1009833	1681477	51.18%	5.219%
82	12.951	3686	3689	3692	rBV4	1750	1238	0.04%	0.004%
83	13.292	3789	3795	3808	rVB6	15327	27394	0.83%	0.085%
84	13.434	3836	3839	3841	rBV3	1855	1363	0.04%	0.004%
85	13.742	3925	3935	3960	rVB	210479	399692	12.17%	1.241%
86	14.874	4276	4287	4304	rBV	779005	1321176	40.21%	4.101%
87	15.057	4335	4344	4366	rVB	348723	600755	18.29%	1.865%
88	15.604	4506	4514	4526	rBV	108414	177756	5.41%	0.552%
89	15.794	4566	4573	4583	rBV	101574	162524	4.95%	0.504%
90	15.909	4598	4609	4624	rBV	739929	1254758	38.19%	3.895%
91	16.057	4644	4655	4661	rBV	549868	882852	26.87%	2.740%
92	16.093	4662	4666	4681	rVB	301501	421288	12.82%	1.308%
93	16.186	4686	4695	4708	rBV	365330	603844	18.38%	1.874%
94	16.279	4710	4724	4748	rVB2	229311	515869	15.70%	1.601%
95	16.427	4763	4770	4783	rBV	100051	150512	4.58%	0.467%
96	16.524	4790	4800	4817	rVB3	469533	902377	27.47%	2.801%
97	16.630	4826	4833	4844	rVB2	129948	205575	6.26%	0.638%
98	17.163	4990	4999	5010	rBV2	286406	474256	14.43%	1.472%
99	17.225	5011	5018	5028	rVB	175650	277515	8.45%	0.861%
100	17.527	5104	5112	5127	rBV2	184118	347156	10.57%	1.078%

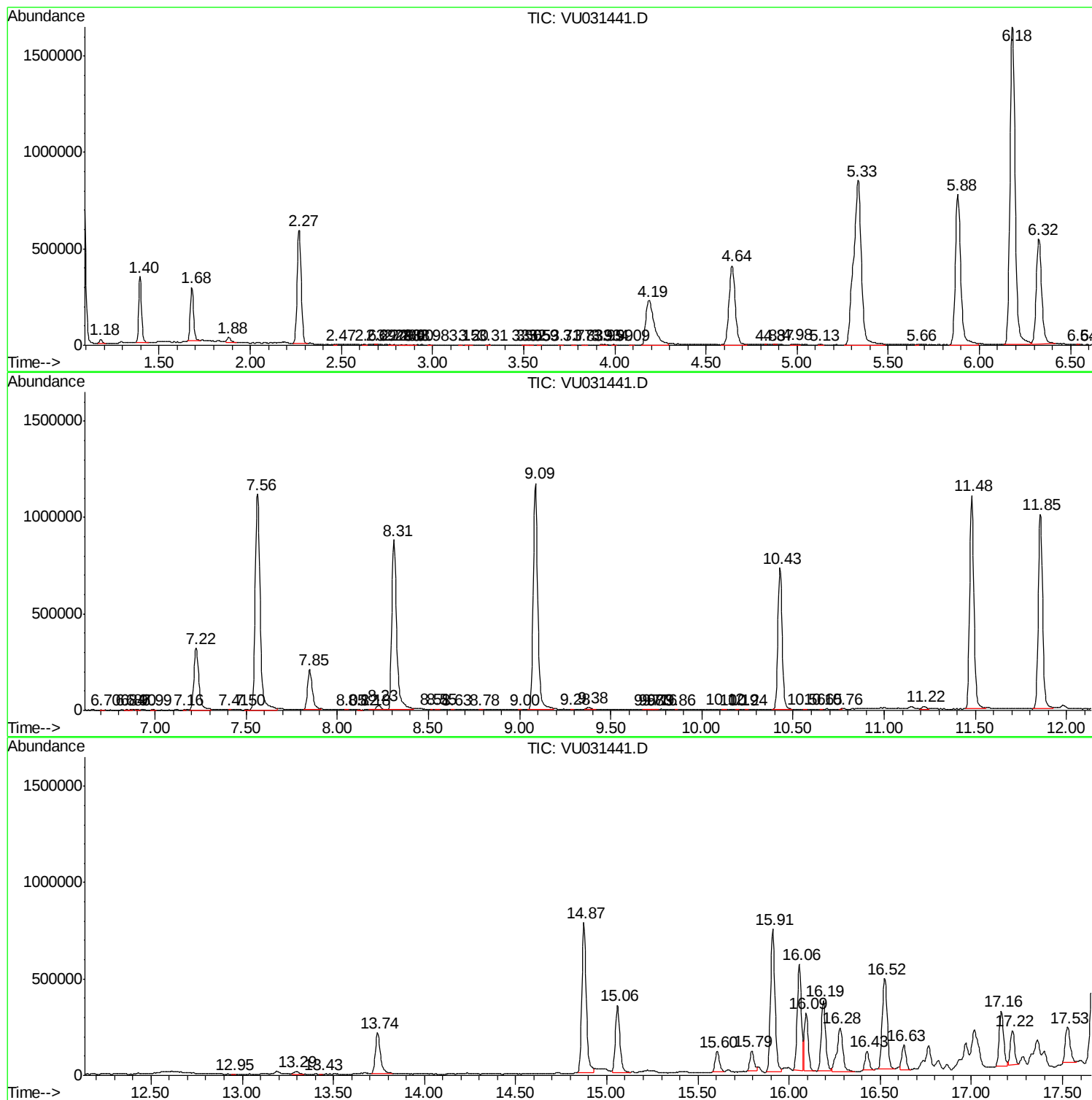
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ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampled :
C0X23

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis

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



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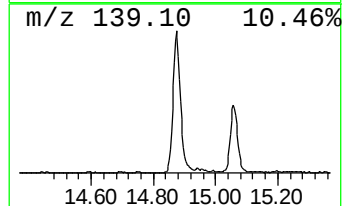
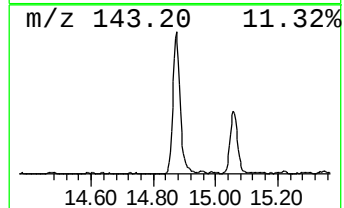
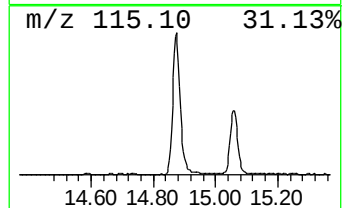
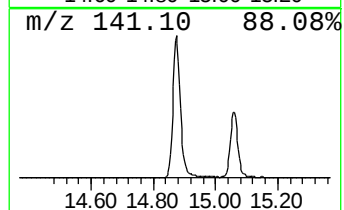
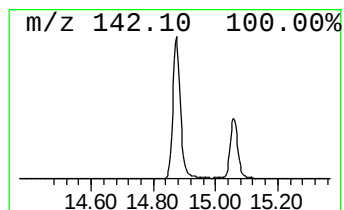
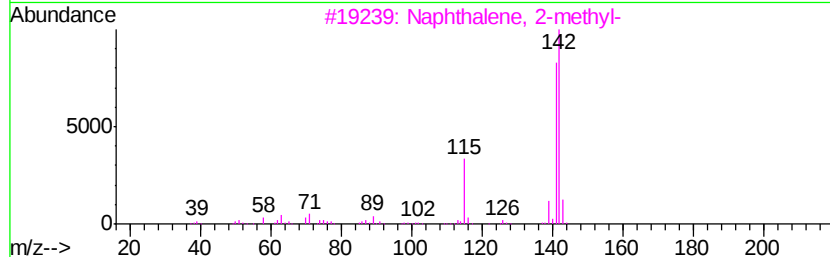
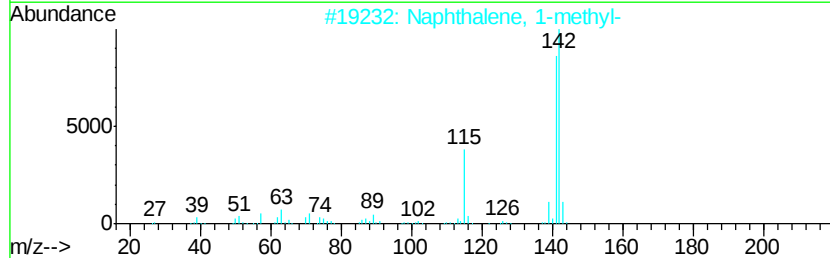
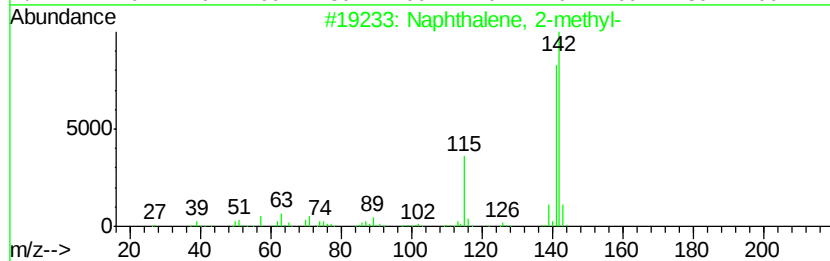
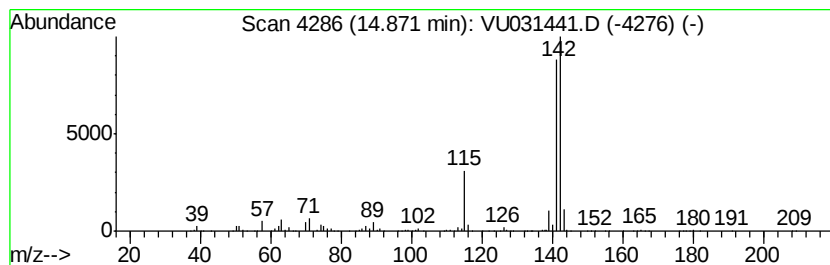
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	36.71 ug/L	1321180	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94



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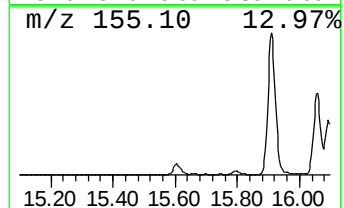
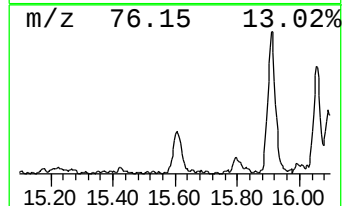
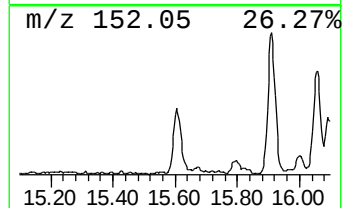
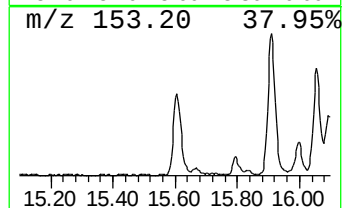
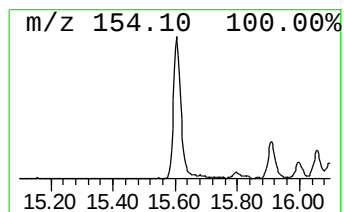
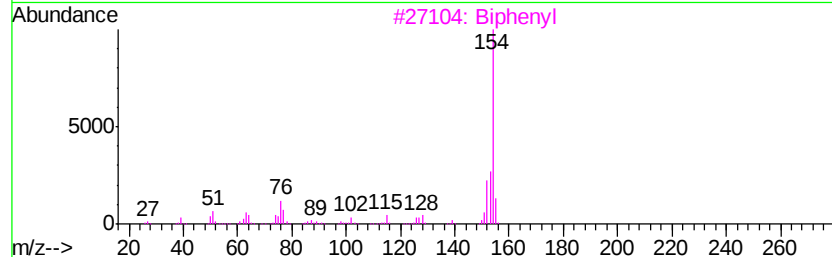
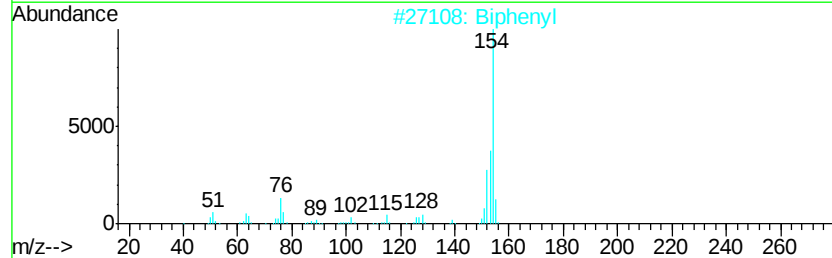
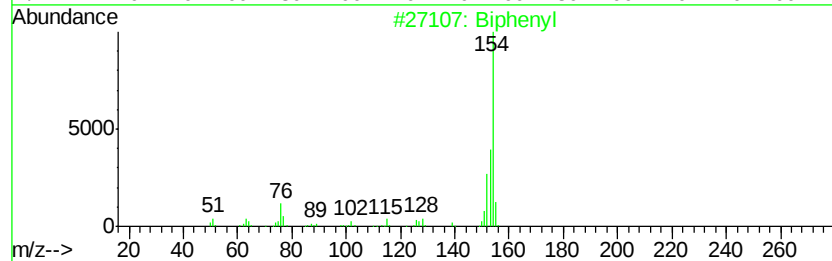
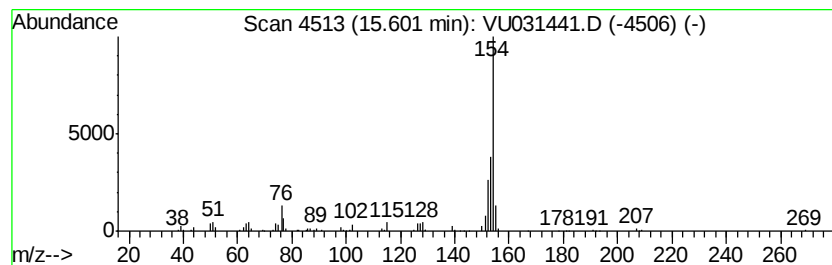
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis

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

Peak Number 5 Biphenyl Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	4.94 ug/L	177756	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Biphenyl	154	C12H10	000092-52-4	95
2		Biphenyl	154	C12H10	000092-52-4	95
3		Biphenyl	154	C12H10	000092-52-4	94
4		Biphenyl	154	C12H10	000092-52-4	93
5		Biphenyl	154	C12H10	000092-52-4	91



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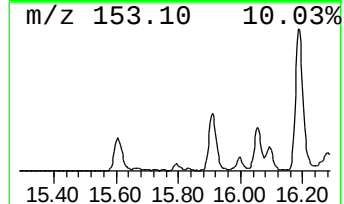
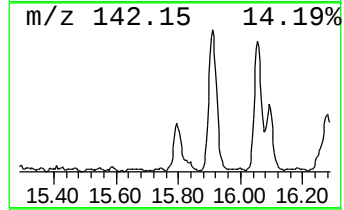
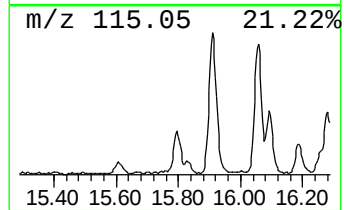
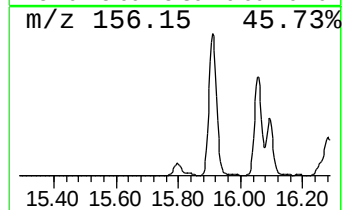
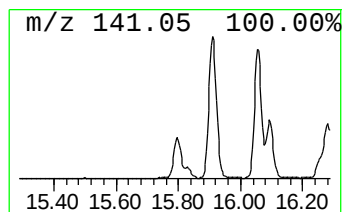
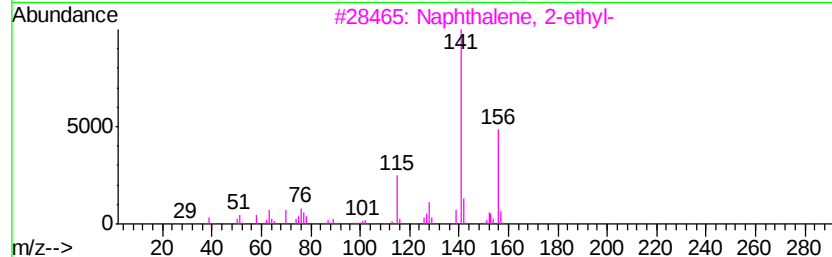
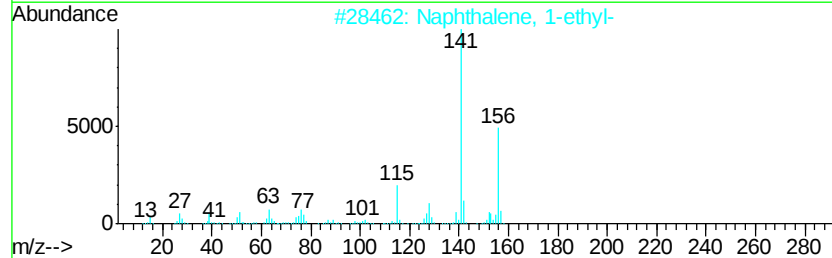
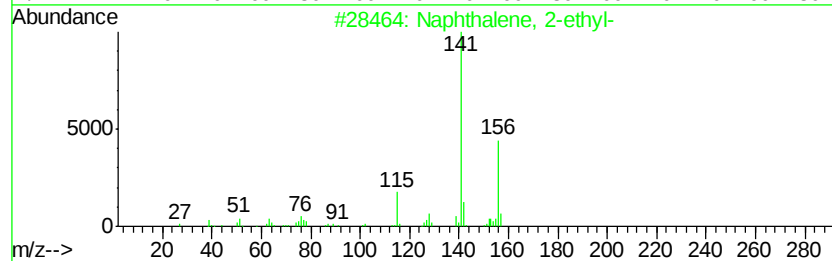
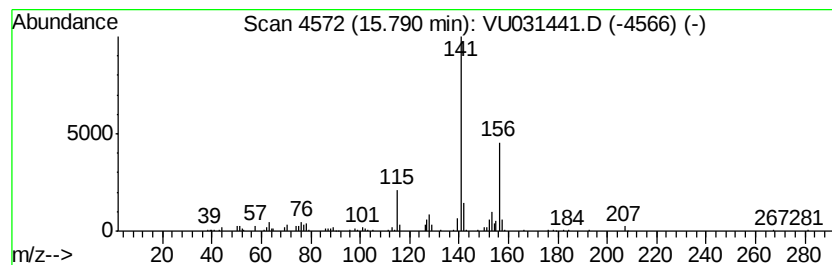
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis

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

Peak Number 6 Naphthalene, 2-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.79	4.52 ug/L	162524	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	93
3		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
4		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90
5		Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042319\
Data File : VU031441.D
Acq On : 23 Apr 2019 16:22
Operator : JC/SP
Sample : K2536-03 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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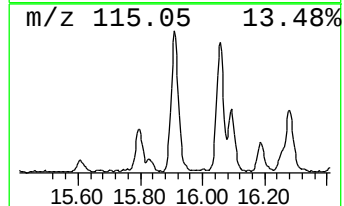
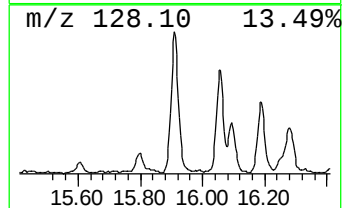
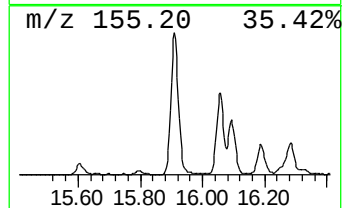
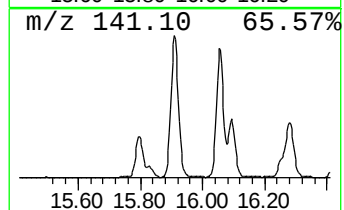
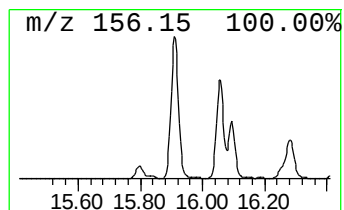
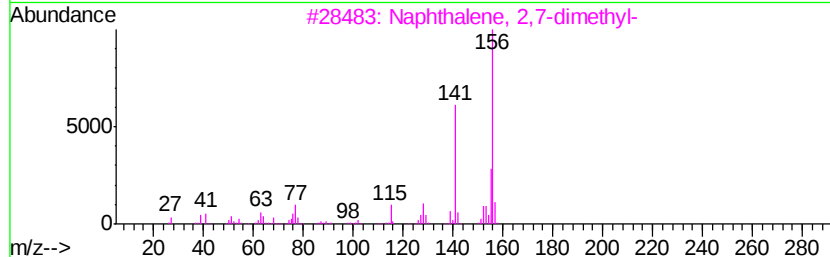
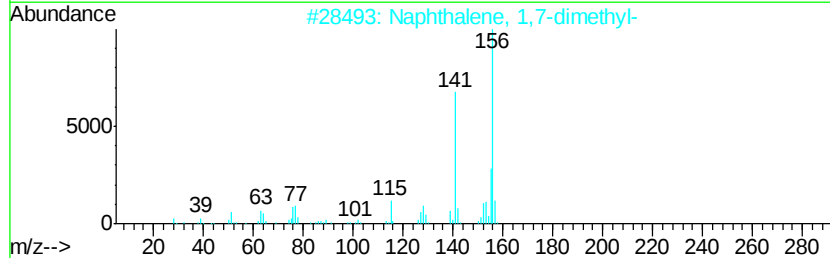
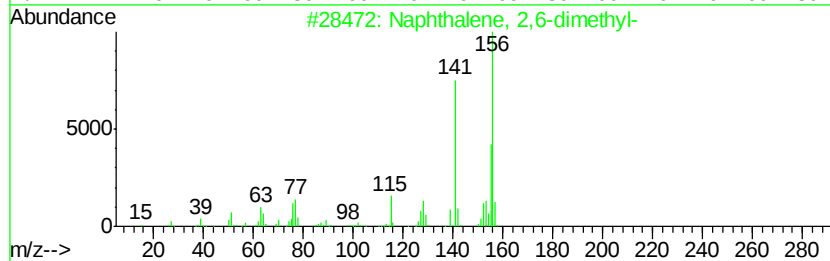
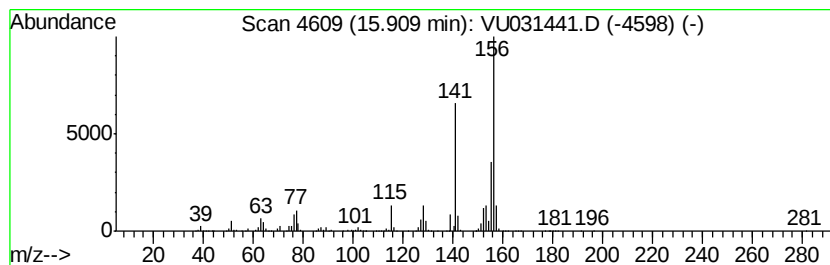
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	34.86 ug/L	1254760	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	97
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042319\
Data File : VU031441.D
Acq On : 23 Apr 2019 16:22
Operator : JC/SP
Sample : K2536-03 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X23

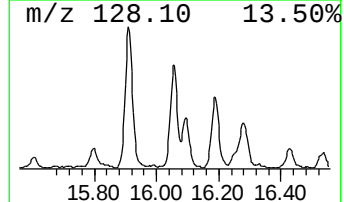
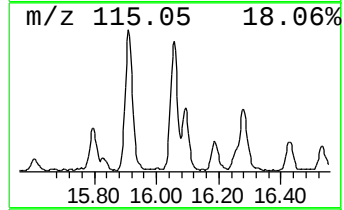
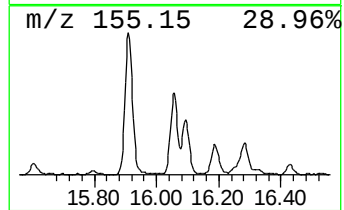
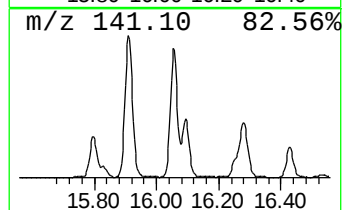
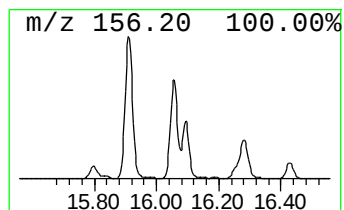
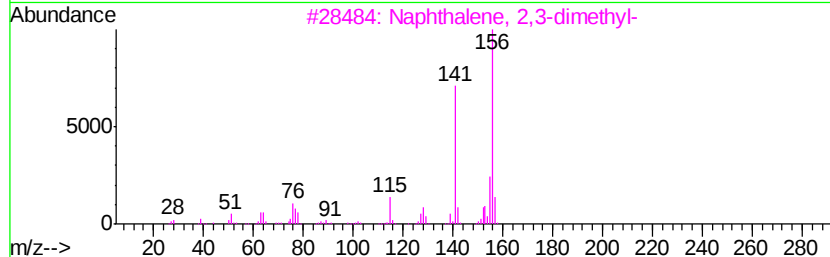
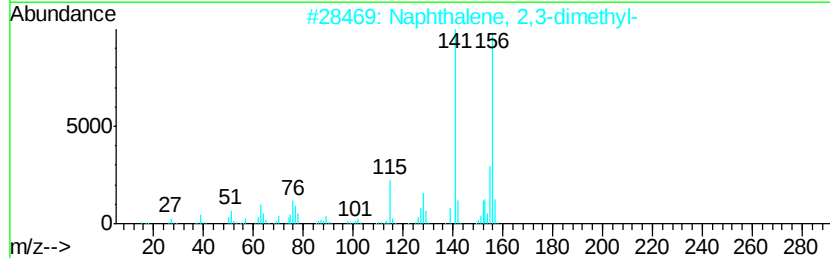
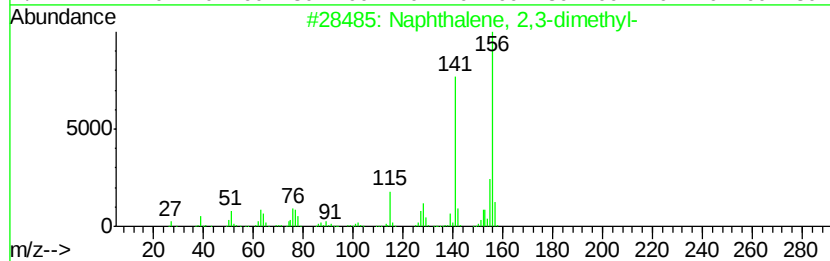
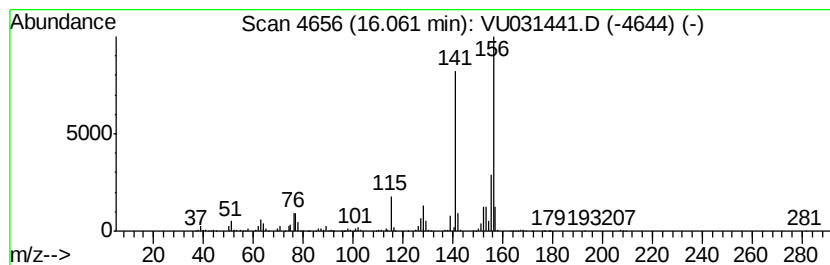
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Quant Title : VOC Analysis

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.
16.06	24.53 ug/L	882852	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042319\
Data File : VU031441.D
Acq On : 23 Apr 2019 16:22
Operator : JC/SP
Sample : K2536-03 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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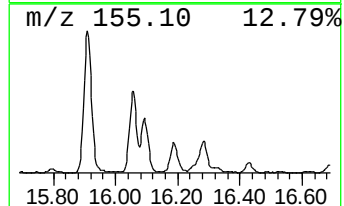
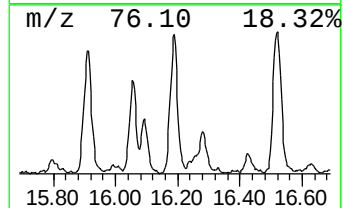
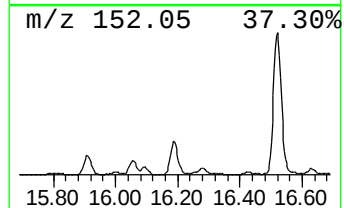
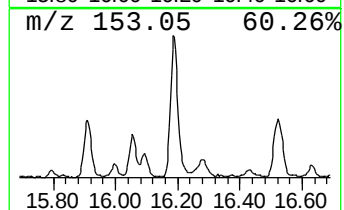
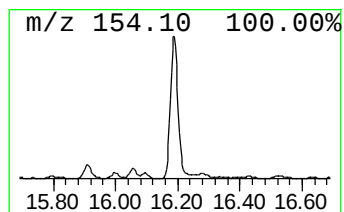
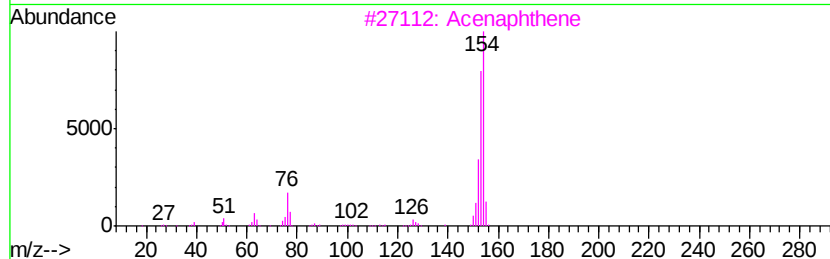
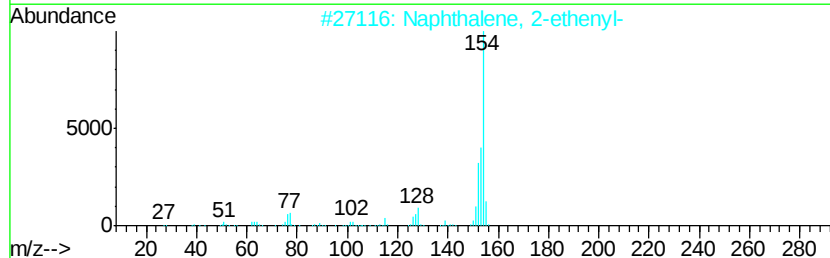
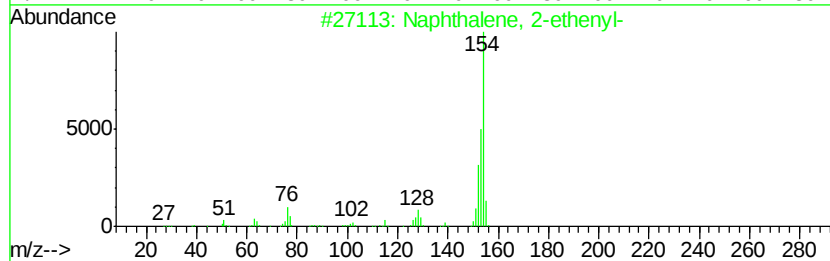
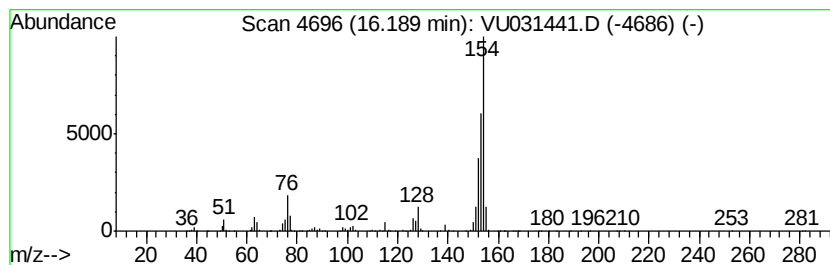
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Quant Title : VOC Analysis

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

Peak Number 10 Naphthalene, 2-ethenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	16.78 ug/L	603844	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	94
2		Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	93
3		Acenaphthene	154	C12H10	000083-32-9	93
4		Biphenyl	154	C12H10	000092-52-4	90
5		Biphenyl	154	C12H10	000092-52-4	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042319\
Data File : VU031441.D
Acq On : 23 Apr 2019 16:22
Operator : JC/SP
Sample : K2536-03 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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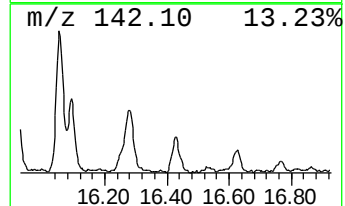
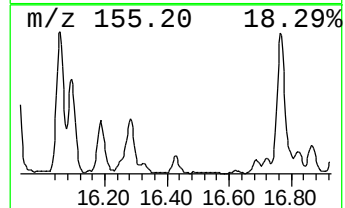
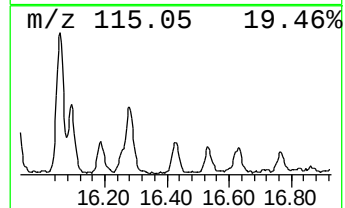
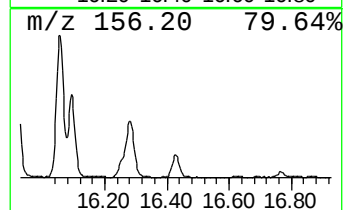
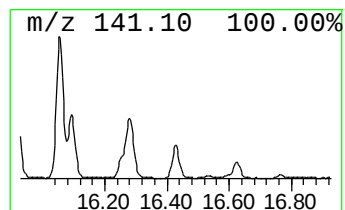
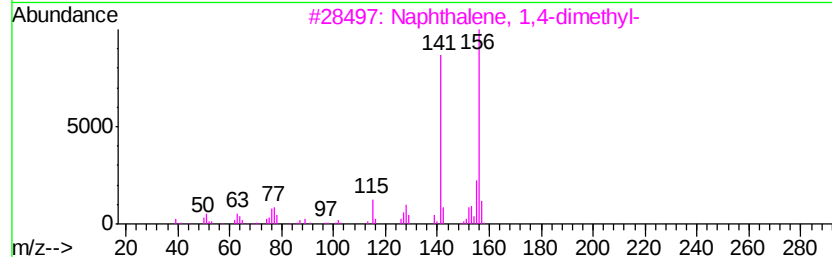
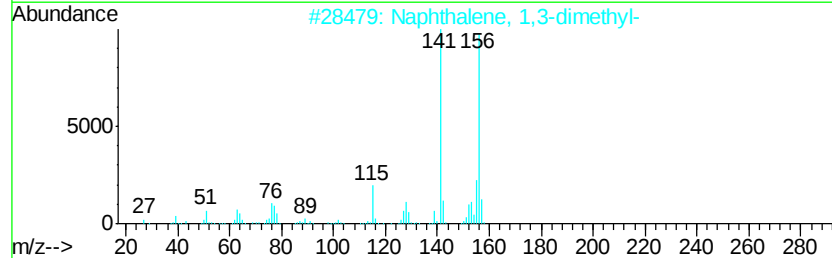
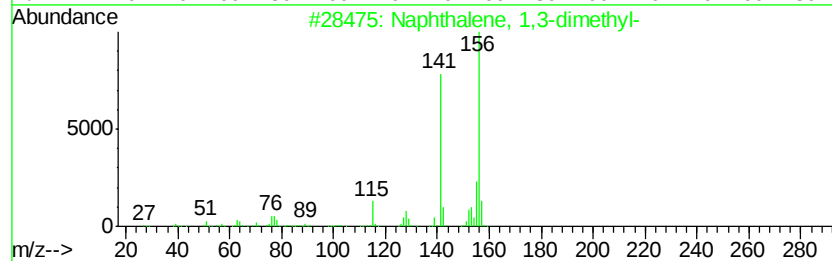
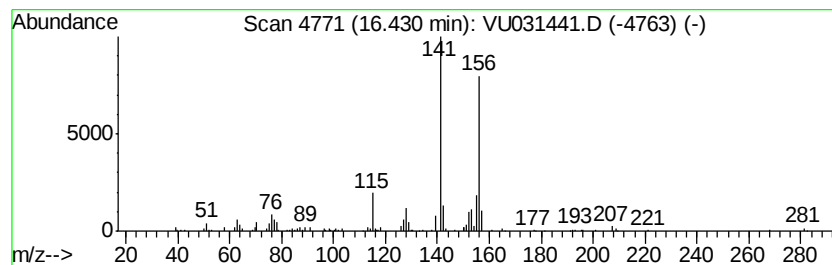
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Quant Title : VOC Analysis

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

Peak Number 12 Naphthalene, 1,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	4.18 ug/L	150512	1,4-Dichlorobenzene-d4	11.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	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, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5			Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042319\
Data File : VU031441.D
Acq On : 23 Apr 2019 16:22
Operator : JC/SP
Sample : K2536-03 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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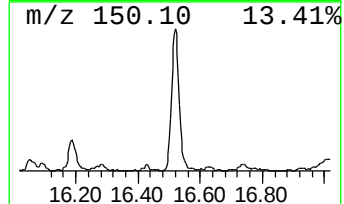
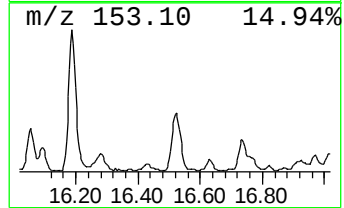
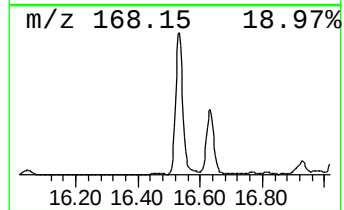
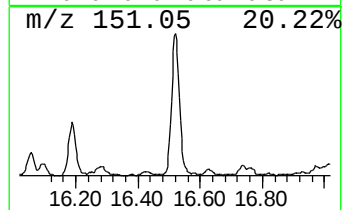
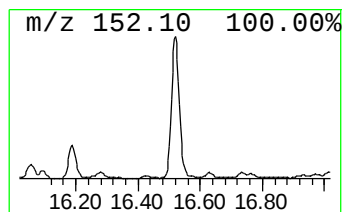
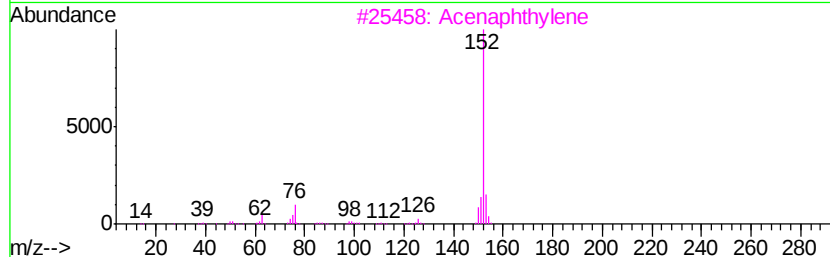
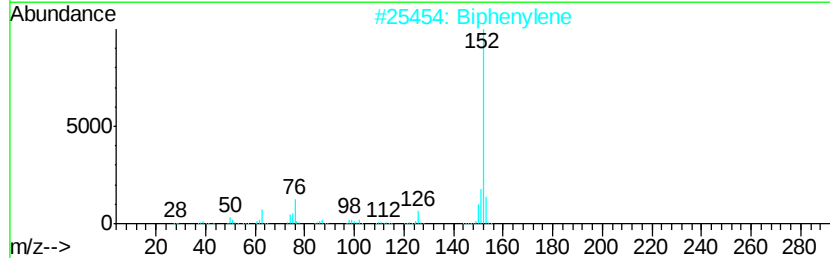
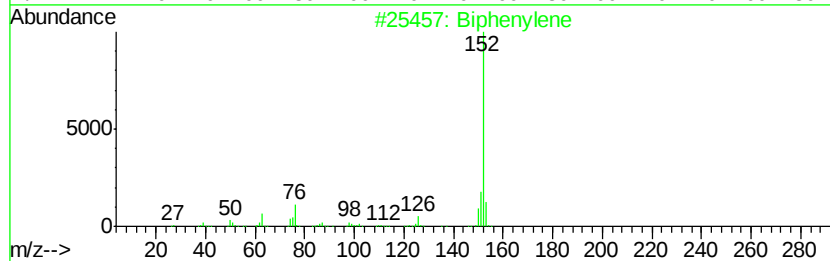
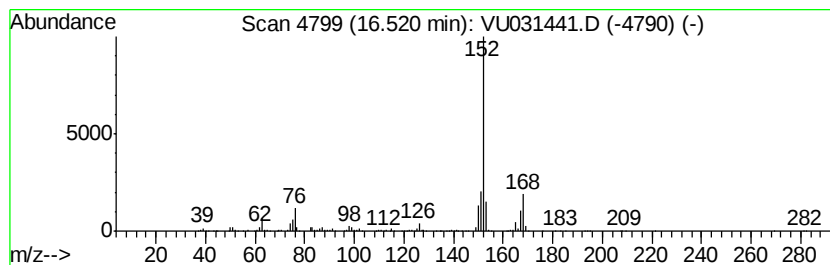
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Quant Title : VOC Analysis

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

Peak Number 13 Biphenylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	25.07 ug/L	902377	1,4-Dichlorobenzene-d4	11.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Biphenylene	152	C12H8	000259-79-0	89
2			Biphenylene	152	C12H8	000259-79-0	89
3			Acenaphthylene	152	C12H8	000208-96-8	89
4			Acenaphthylene	152	C12H8	000208-96-8	70
5			(6Balpha,7beta,11alpha,11aalpha)...	334	C25H180	1000241-69-8	64



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042319\
Data File : VU031441.D
Acq On : 23 Apr 2019 16:22
Operator : JC/SP
Sample : K2536-03 50X
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ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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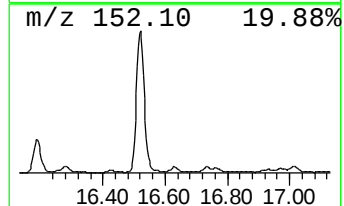
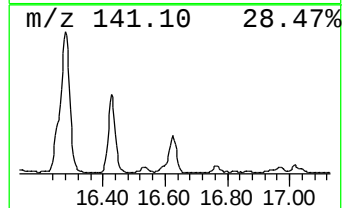
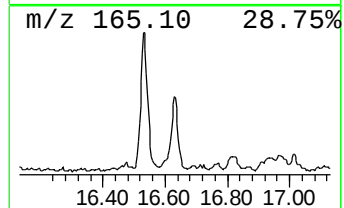
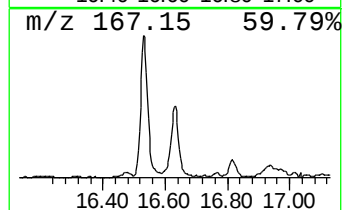
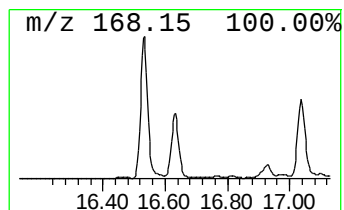
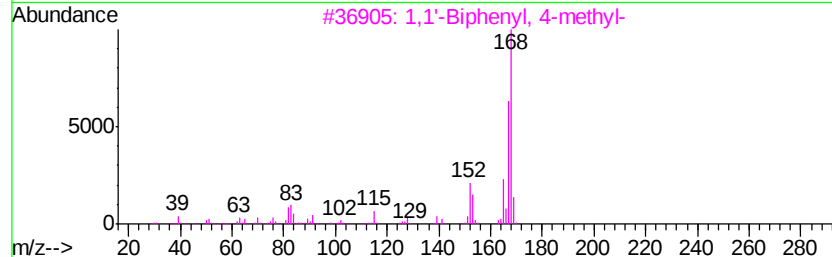
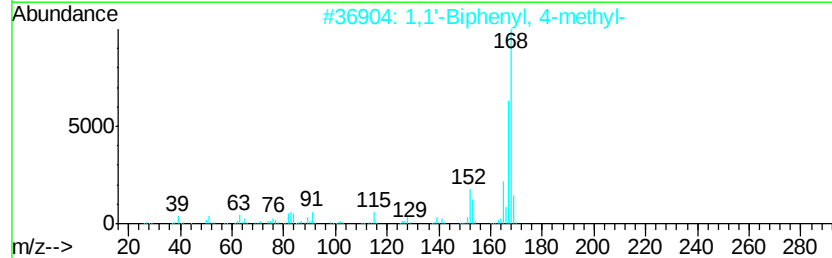
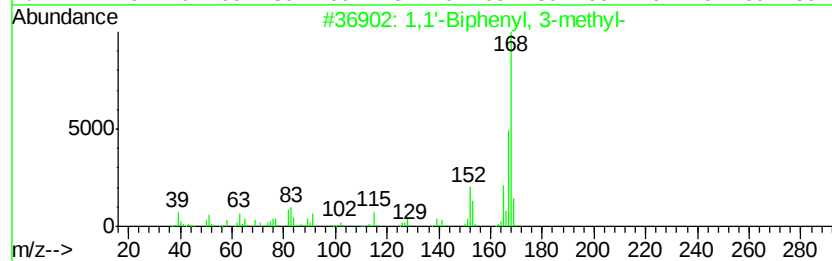
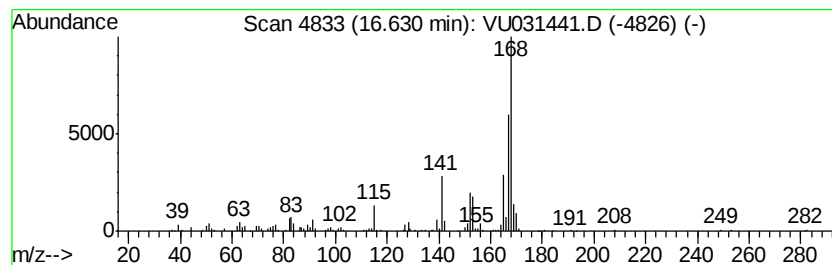
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	5.71 ug/L	205575	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	94
2		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	94
3		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	93
4		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	76
5		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042319\
Data File : VU031441.D
Acq On : 23 Apr 2019 16:22
Operator : JC/SP
Sample : K2536-03 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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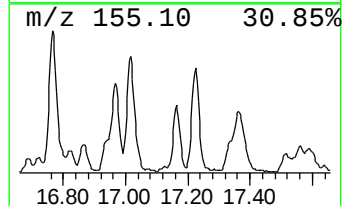
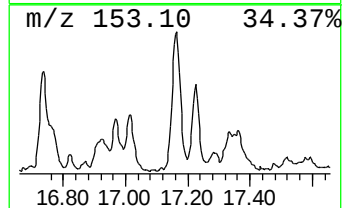
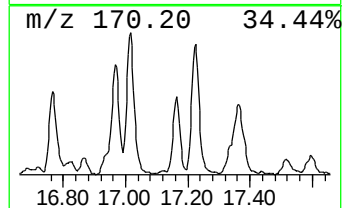
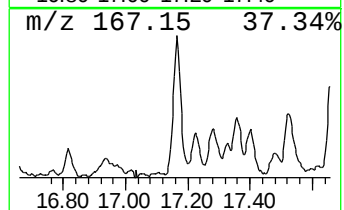
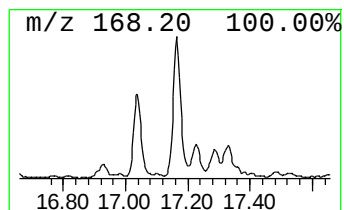
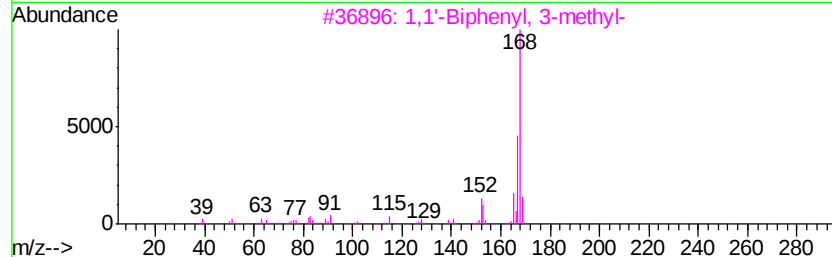
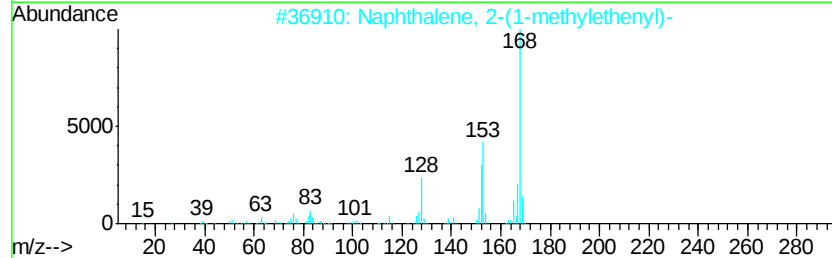
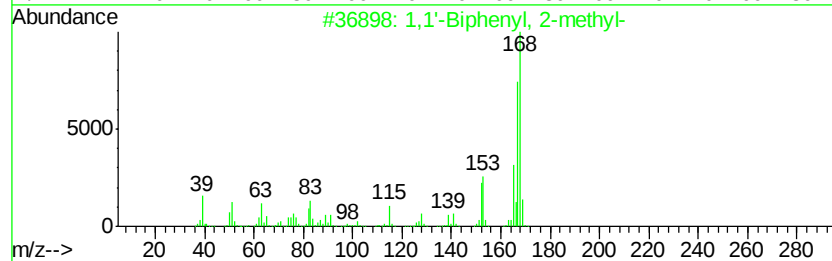
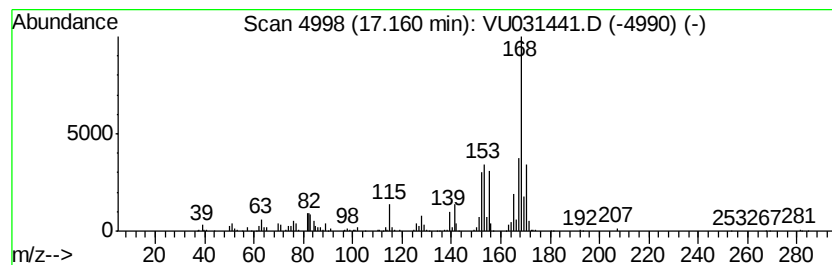
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Quant Title : VOC Analysis

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

Peak Number 15 1,1'-Biphenyl, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.16	13.18 ug/L	474256	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	60
2		Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	60
3		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	59
4		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	55
5		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	52



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042319\
Data File : VU031441.D
Acq On : 23 Apr 2019 16:22
Operator : JC/SP
Sample : K2536-03 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X23

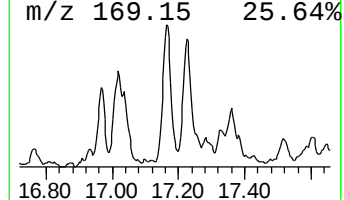
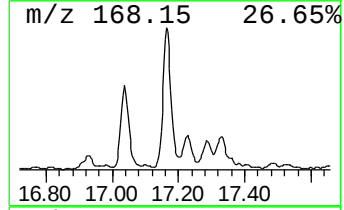
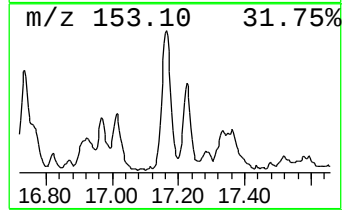
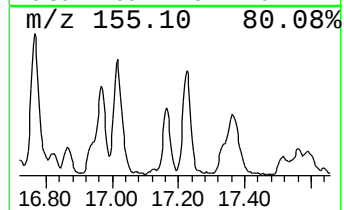
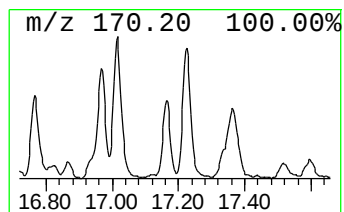
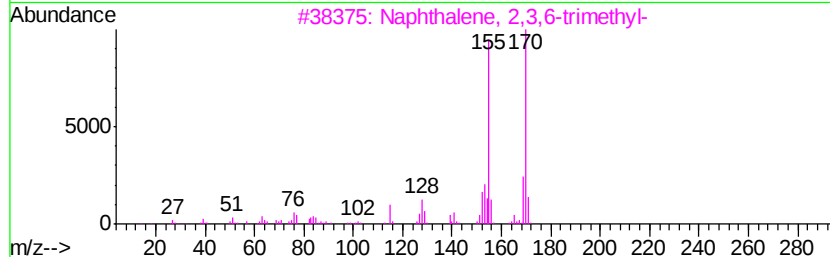
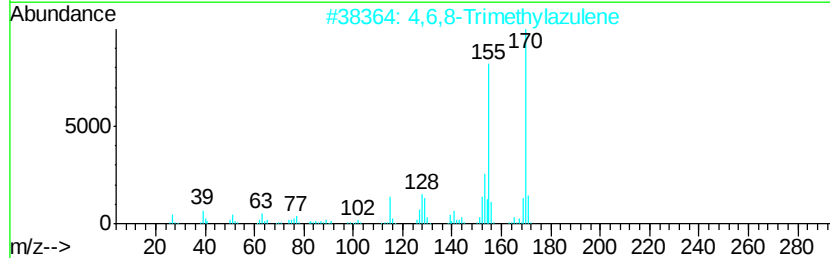
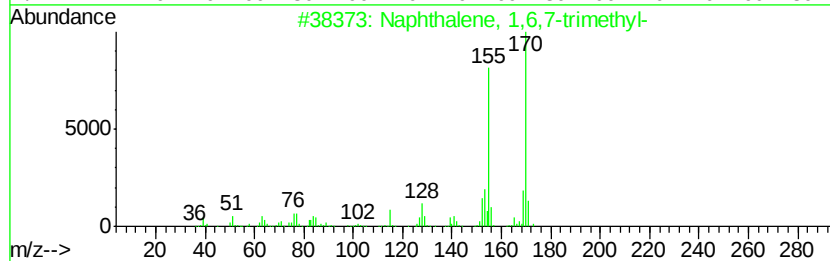
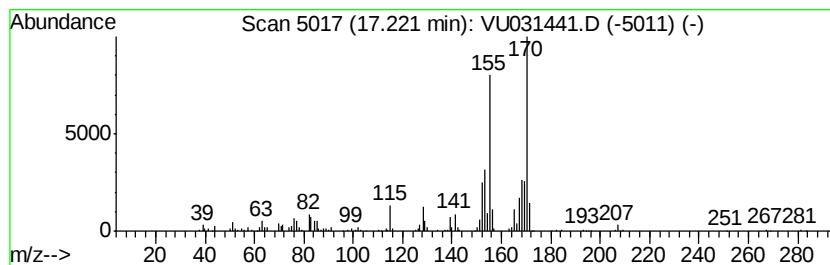
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	7.71 ug/L	277515	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	94
2		4,6,8-Trimethylazulene	170	C13H14	000941-81-1	81
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	76
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	76
5		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042319\
Data File : VU031441.D
Acq On : 23 Apr 2019 16:22
Operator : JC/SP
Sample : K2536-03 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X23

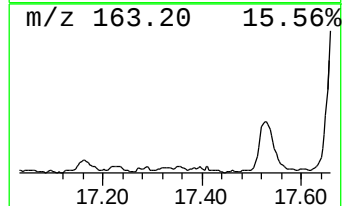
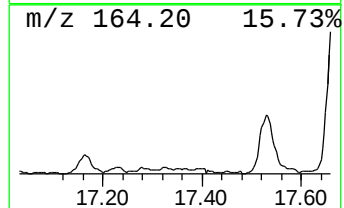
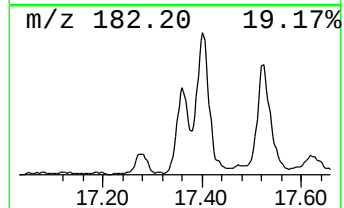
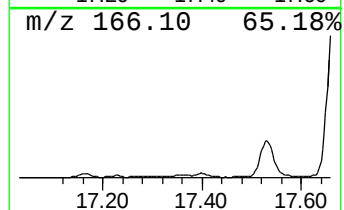
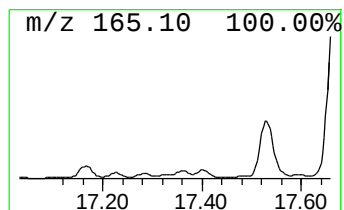
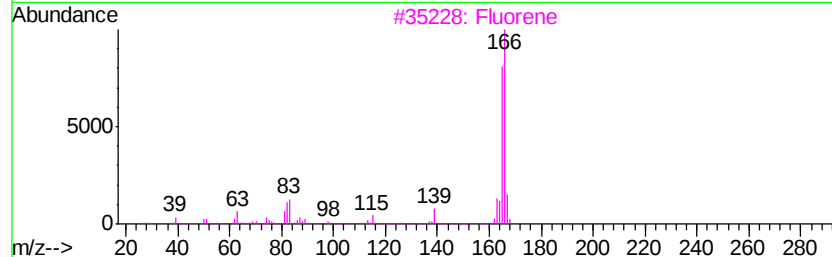
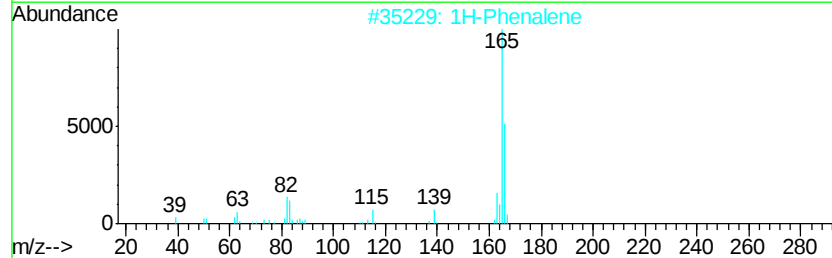
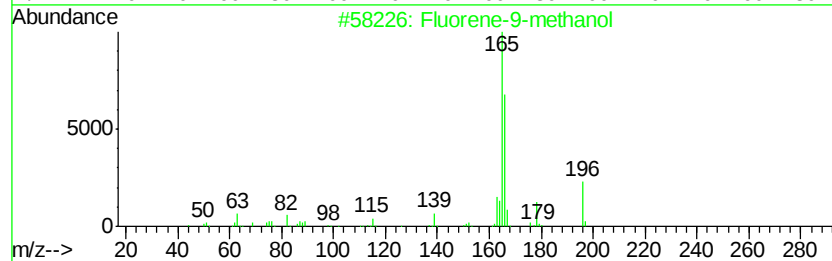
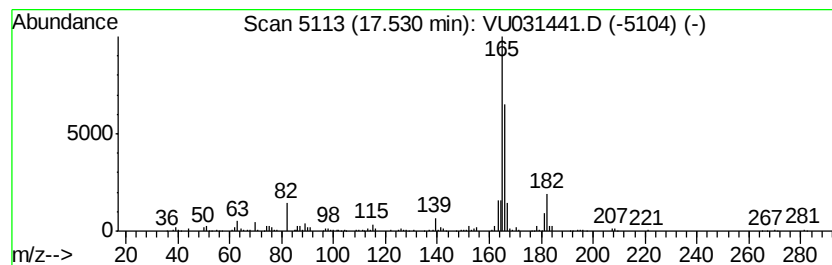
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.M
Quant Title : VOC Analysis

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

Peak Number 17 Fluorene-9-methanol Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.53	9.65 ug/L	347156	1,4-Dichlorobenzene-d4	11.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluorene-9-methanol	196	C14H12O	024324-17-2	59
2			1H-Phenylene	166	C13H10	000203-80-5	58
3			Fluorene	166	C13H10	000086-73-7	55
4			9H-Fluorene, 9-(1-methylethyl)-	208	C16H16	003299-99-8	50
5			9H-Fluorene, 9-bromo-	244	C13H9Br	001940-57-4	47



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042319\
 Data File : VU031441.D
 Acq On : 23 Apr 2019 16:22
 Operator : JC/SP
 Sample : K2536-03 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X23

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042319WMA.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	36.7	ug/L	1321180	3	11.48	1799610	50.0
Biphenyl	15.60	4.9	ug/L	177756	3	11.48	1799610	50.0
Naphthalene, 2-et...	15.79	4.5	ug/L	162524	3	11.48	1799610	50.0
Naphthalene, 2,6-...	15.91	34.9	ug/L	1254760	3	11.48	1799610	50.0
Naphthalene, 2,3-...	16.06	24.5	ug/L	882852	3	11.48	1799610	50.0
Naphthalene, 2-et...	16.19	16.8	ug/L	603844	3	11.48	1799610	50.0
Naphthalene, 1,3-...	16.43	4.2	ug/L	150512	3	11.48	1799610	50.0
Biphenylene	16.52	25.1	ug/L	902377	3	11.48	1799610	50.0
1,1'-Biphenyl, 3-...	16.63	5.7	ug/L	205575	3	11.48	1799610	50.0
1,1'-Biphenyl, 2-...	17.16	13.2	ug/L	474256	3	11.48	1799610	50.0
Naphthalene, 1,6,...	17.22	7.7	ug/L	277515	3	11.48	1799610	50.0
Fluorene-9-methanol	17.53	9.7	ug/L	347156	3	11.48	1799610	50.0