

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050219\
 Data File : VU031714.D
 Acq On : 02 May 2019 16:02
 Operator : JC/SP
 Sample : K2661-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B28

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	23	28	36	rBV2	16796	15938	0.41%	0.045%
2	1.299	59	65	80	rVB	104770	118737	3.08%	0.339%
3	1.396	87	95	110	rBV	516662	579479	15.04%	1.654%
4	1.679	175	183	198	rBV	412505	526835	13.68%	1.503%
5	2.180	335	339	346	rVB4	10917	12734	0.33%	0.036%
6	2.267	355	366	380	rVV	873606	1330591	34.54%	3.797%
7	2.331	380	386	409	rVB3	19296	50946	1.32%	0.145%
8	2.469	422	429	431	rBV5	1787	2343	0.06%	0.007%
9	2.537	437	450	452	rBV6	4653	7613	0.20%	0.022%
10	2.765	516	521	525	rVB7	1722	1903	0.05%	0.005%
11	2.836	525	543	552	rBV2	13746	30898	0.80%	0.088%
12	2.977	584	587	588	rVV3	2457	1486	0.04%	0.004%
13	2.997	591	593	603	rVB8	2901	3355	0.09%	0.010%
14	3.100	620	625	631	rVB2	1653	1801	0.05%	0.005%
15	3.129	631	634	641	rBV5	1579	1844	0.05%	0.005%
16	3.186	641	652	665	rBV5	10788	25779	0.67%	0.074%
17	3.383	707	713	719	rBV5	2737	4048	0.11%	0.012%
18	3.476	738	742	752	rVB4	1741	3047	0.08%	0.009%
19	3.521	752	756	758	rBV4	1720	1577	0.04%	0.005%
20	3.653	791	797	805	rVB3	1024	1587	0.04%	0.005%
21	4.116	935	941	945	rBV6	1062	1461	0.04%	0.004%
22	4.190	950	964	999	rBV2	333678	1099435	28.54%	3.137%
23	4.402	1027	1030	1036	rVB4	2842	3050	0.08%	0.009%
24	4.640	1086	1104	1133	rBV	610648	1457893	37.85%	4.160%
25	4.891	1171	1182	1184	rBV8	2567	3888	0.10%	0.011%
26	5.058	1227	1234	1237	rBV6	1857	2193	0.06%	0.006%
27	5.334	1295	1320	1351	rBV2	1296797	3851773	100.00%	10.992%
28	5.881	1475	1490	1518	rBV	1139757	2331797	60.54%	6.654%
29	6.071	1545	1549	1553	rVB7	1795	1625	0.04%	0.005%
30	6.180	1568	1583	1599	rVV7	14111	33284	0.86%	0.095%
31	6.325	1613	1628	1660	rBV	861208	1771170	45.98%	5.054%
32	6.553	1695	1699	1700	rBV3	2174	1531	0.04%	0.004%
33	6.772	1762	1767	1772	rBV6	1682	1798	0.05%	0.005%
34	6.926	1811	1815	1821	rVB6	2530	2970	0.08%	0.008%

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

35	7.080	1860	1863	1868	rVB4	1601	1528	0.04%	0.004%
36	7.225	1895	1908	1936	rBV	480824	912541	23.69%	2.604%
37	7.389	1952	1959	1967	rBV	4016	6427	0.17%	0.018%
38	7.431	1969	1972	1977	rVB5	2597	2407	0.06%	0.007%
39	7.456	1977	1980	1984	rBV3	1967	1585	0.04%	0.005%
40	7.559	1999	2012	2030	rBV	1599516	2908685	75.52%	8.300%
41	7.849	2088	2102	2132	rBV2	319331	596349	15.48%	1.702%
42	8.177	2190	2204	2215	rBV3	17422	30900	0.80%	0.088%
43	8.228	2215	2220	2226	rVB8	3625	3316	0.09%	0.009%
44	8.312	2232	2246	2281	rBV	1297080	2462883	63.94%	7.028%
45	8.550	2316	2320	2323	rVB3	2237	1577	0.04%	0.005%
46	8.746	2376	2381	2384	rBV5	1764	1566	0.04%	0.004%
47	8.858	2413	2416	2420	rBV5	2140	1547	0.04%	0.004%
48	8.974	2448	2452	2457	rBV7	2240	2315	0.06%	0.007%
49	9.013	2461	2464	2468	rBV5	1813	1547	0.04%	0.004%
50	9.087	2474	2487	2522	rBV	1621286	2804827	72.82%	8.004%
51	9.251	2533	2538	2550	rVB5	8447	12542	0.33%	0.036%
52	9.373	2568	2576	2589	rVV6	10700	21640	0.56%	0.062%
53	9.424	2589	2592	2596	rVB6	3125	1998	0.05%	0.006%
54	9.492	2610	2613	2617	rVB6	1900	1503	0.04%	0.004%
55	9.527	2620	2624	2628	rVB4	2163	1683	0.04%	0.005%
56	9.598	2642	2646	2648	rBV3	2195	1758	0.05%	0.005%
57	9.723	2683	2685	2690	rVB4	1884	1488	0.04%	0.004%
58	9.787	2695	2705	2708	rBV4	7717	13242	0.34%	0.038%
59	9.919	2742	2746	2750	rBV6	1697	1777	0.05%	0.005%
60	10.025	2776	2779	2781	rBV3	2587	1964	0.05%	0.006%
61	10.051	2781	2787	2794	rVB3	3121	5174	0.13%	0.015%
62	10.157	2815	2820	2821	rBV5	4012	3047	0.08%	0.009%
63	10.427	2892	2904	2927	rBV	1134890	1823809	47.35%	5.205%
64	10.604	2951	2959	2969	rBV4	16861	25084	0.65%	0.072%
65	10.685	2979	2984	2986	rBV5	2117	2373	0.06%	0.007%
66	11.260	3160	3163	3170	rBV9	4191	4929	0.13%	0.014%
67	11.341	3184	3188	3190	rBV3	2853	1784	0.05%	0.005%
68	11.389	3197	3203	3205	rBV6	2559	3097	0.08%	0.009%
69	11.479	3219	3231	3267	rBV	1591874	2589421	67.23%	7.389%
70	11.858	3336	3349	3373	rBV	1514334	2507465	65.10%	7.155%
71	12.160	3441	3443	3446	rBV4	2019	1530	0.04%	0.004%

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72	12.318	3489	3492	3495	rBV5	3210	2009	0.05%	0.006%
73	13.077	3725	3728	3730	rBV4	3468	2165	0.06%	0.006%
74	13.112	3737	3739	3741	rBV3	2728	1460	0.04%	0.004%
75	13.125	3741	3743	3749	rVV5	3445	3272	0.08%	0.009%
76	13.193	3760	3764	3771	rVB9	6772	8284	0.22%	0.024%
77	13.289	3792	3794	3809	rVB9	9648	15132	0.39%	0.043%
78	13.598	3886	3890	3893	rBV6	4185	4182	0.11%	0.012%
79	13.742	3925	3935	3958	rVB	232142	434198	11.27%	1.239%
80	14.106	4046	4048	4051	rBV4	2070	1483	0.04%	0.004%
81	14.160	4062	4065	4069	rBV5	4349	2936	0.08%	0.008%
82	14.376	4130	4132	4135	rBV4	2880	1452	0.04%	0.004%
83	14.877	4275	4288	4307	rBV	355723	731716	19.00%	2.088%
84	15.064	4336	4346	4363	rVB2	138467	250561	6.51%	0.715%
85	15.607	4507	4515	4528	rBV2	82458	132431	3.44%	0.378%
86	15.797	4568	4574	4591	rVB	62860	118312	3.07%	0.338%
87	15.913	4598	4610	4625	rBV	291200	526434	13.67%	1.502%
88	16.057	4645	4655	4661	rBV	223242	359060	9.32%	1.025%
89	16.096	4662	4667	4683	rVB2	133282	214870	5.58%	0.613%
90	16.192	4688	4697	4708	rBV	122949	205277	5.33%	0.586%
91	16.282	4720	4725	4744	rVB2	102019	174719	4.54%	0.499%
92	16.430	4763	4771	4779	rBV3	50182	81857	2.13%	0.234%
93	16.530	4790	4802	4817	rVB3	243890	505701	13.13%	1.443%
94	16.630	4827	4833	4844	rVB4	91965	153855	3.99%	0.439%
95	16.765	4870	4875	4884	rVB	77072	108416	2.81%	0.309%
96	16.868	4902	4907	4916	rVB3	25006	33965	0.88%	0.097%
97	16.977	4933	4941	4942	rBV3	131700	152364	3.96%	0.435%
98	17.163	4991	4999	5010	rBV4	174813	303103	7.87%	0.865%
99	17.224	5011	5018	5028	rVB2	135348	210409	5.46%	0.600%
100	17.527	5104	5112	5128	rBV5	126479	249249	6.47%	0.711%

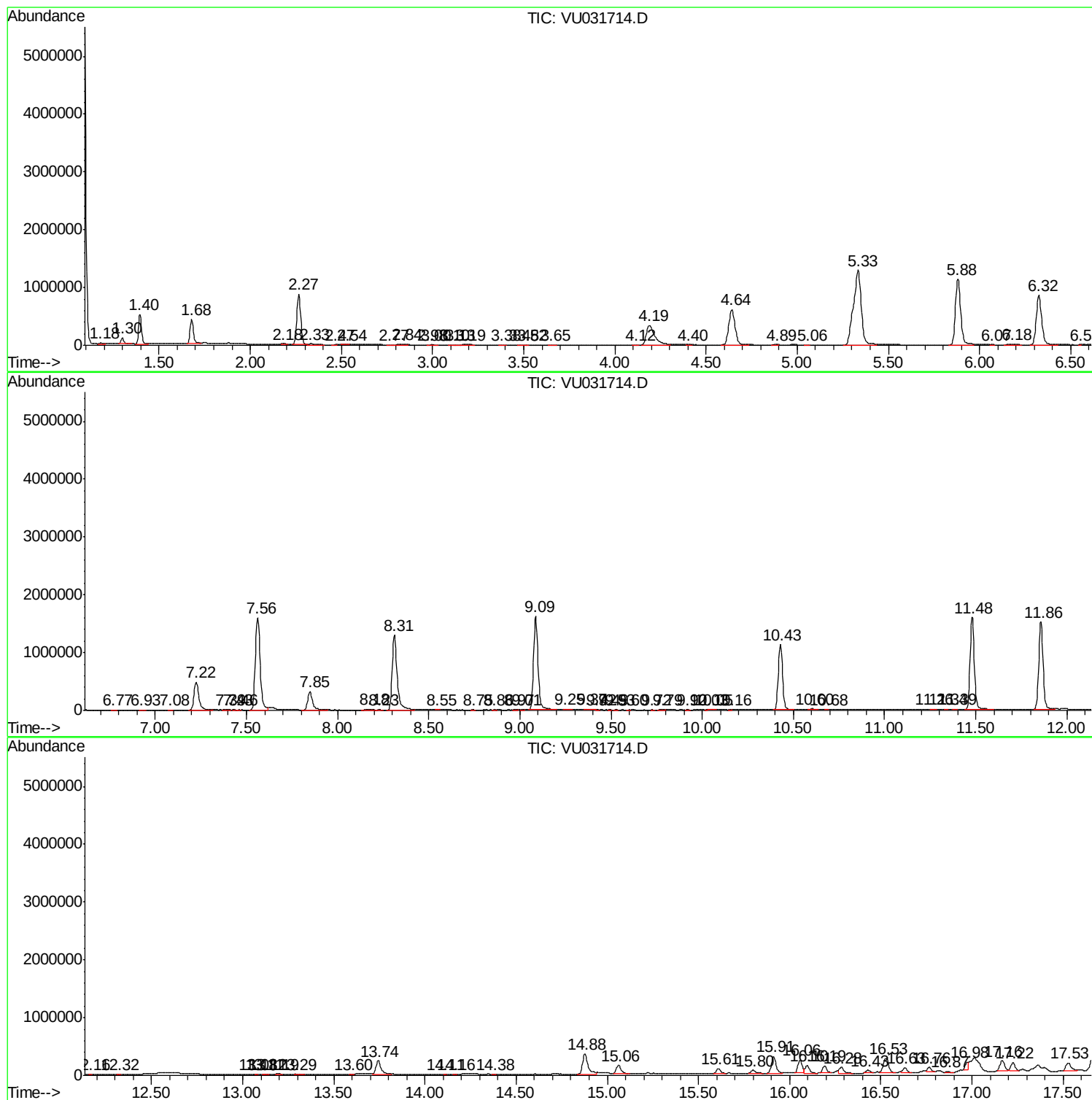
Sum of corrected areas: 35042589

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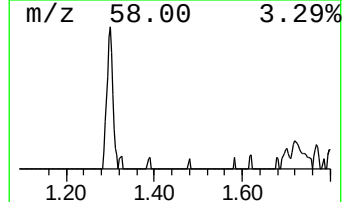
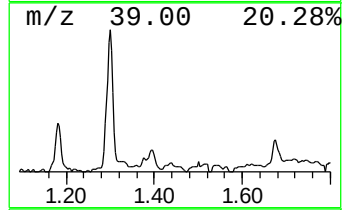
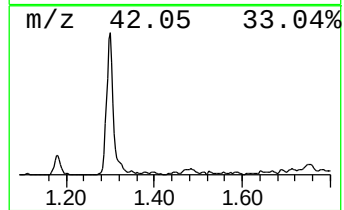
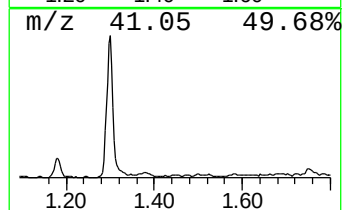
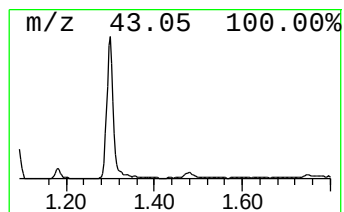
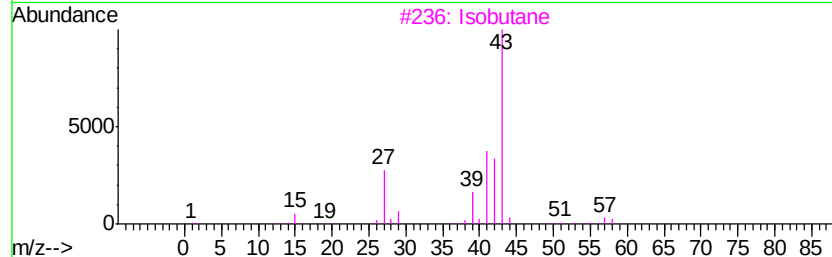
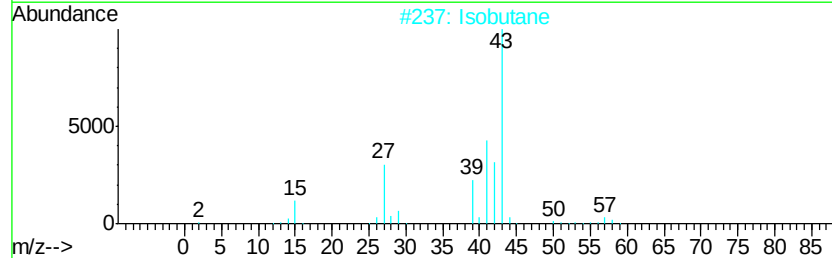
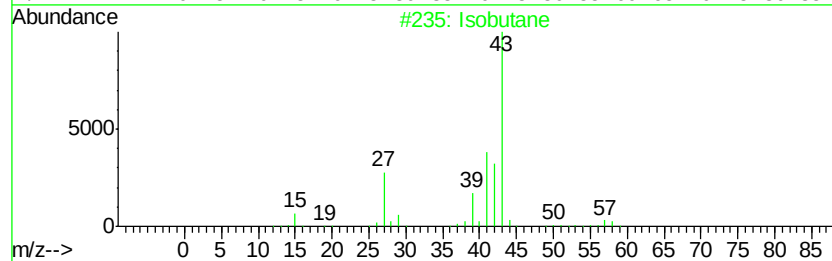
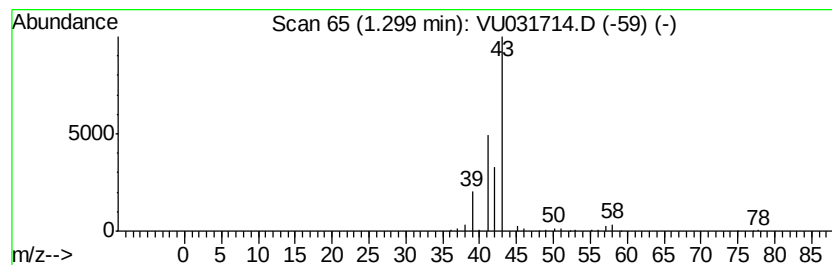
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.30	2.55 ug/L	118737	1,4-Difluorobenzene	5.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Isobutane	58	C4H10	000075-28-5	64
2		Isobutane	58	C4H10	000075-28-5	64
3		Isobutane	58	C4H10	000075-28-5	59
4		Isobutane	58	C4H10	000075-28-5	45
5		3-Butenoic acid, ethyl ester	114	C6H10O2	001617-18-1	4



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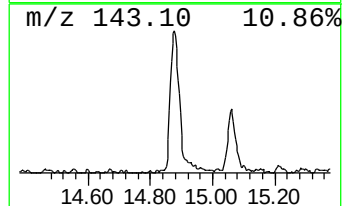
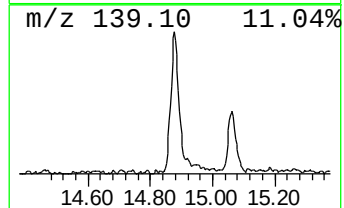
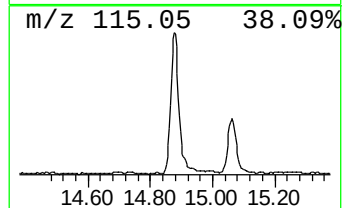
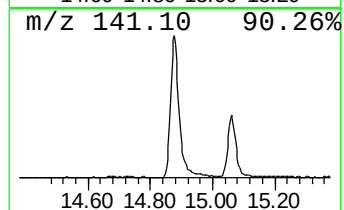
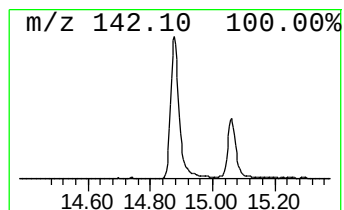
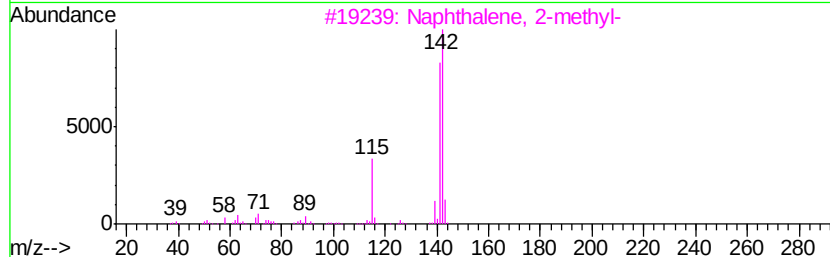
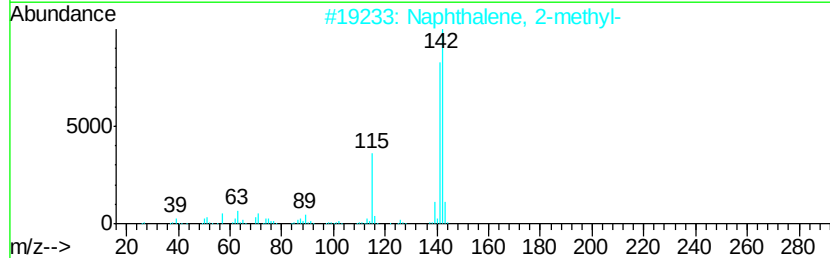
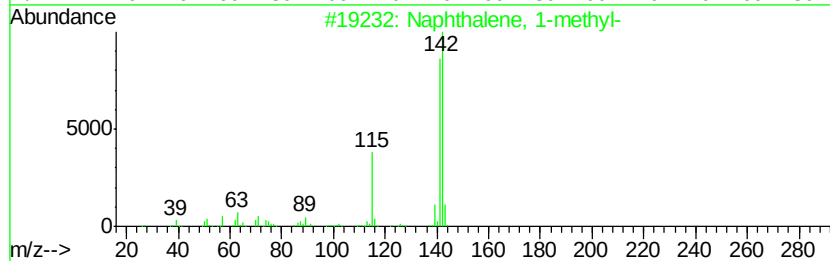
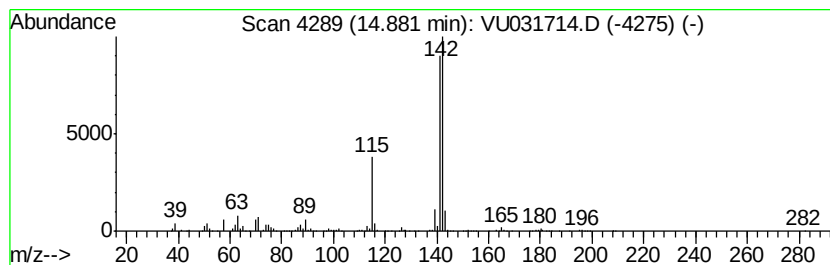
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Quant Title : VOC Analysis

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

Peak Number 4 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	14.13 ug/L	731716	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		1,4-Methanonaphthalene, 1,4-dihy...	142 C11H10	004453-90-1 93
5		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 93



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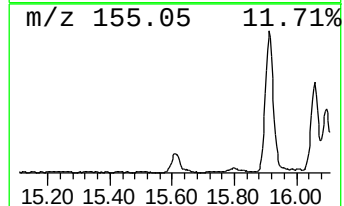
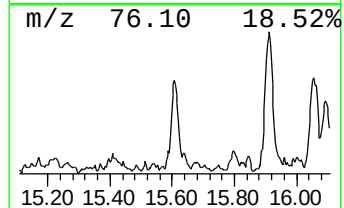
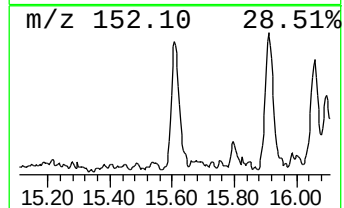
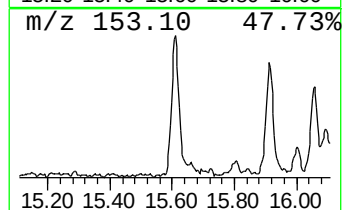
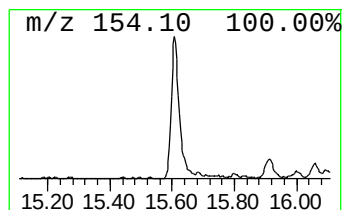
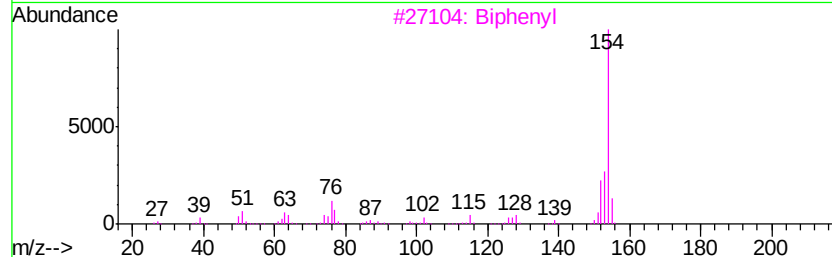
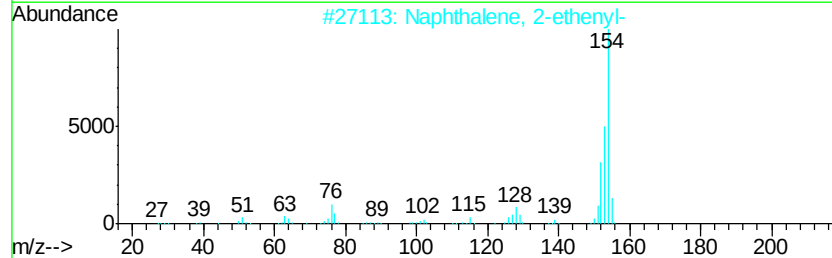
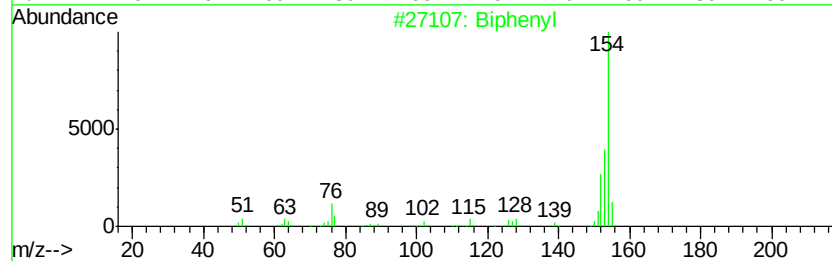
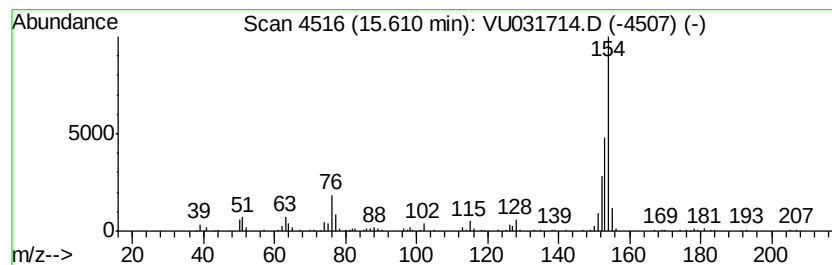
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Quant Title : VOC Analysis

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Peak Number 6 Biphenyl Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	2.56 ug/L	132431	1,4-Dichlorobenzene-d4	11.48

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl		154	C12H10	000092-52-4	94
2	Naphthalene, 2-ethenyl-		154	C12H10	000827-54-3	80
3	Biphenyl		154	C12H10	000092-52-4	76
4	Biphenyl		154	C12H10	000092-52-4	76
5	Biphenyl		154	C12H10	000092-52-4	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050219\
Data File : VU031714.D
Acq On : 02 May 2019 16:02
Operator : JC/SP
Sample : K2661-08
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

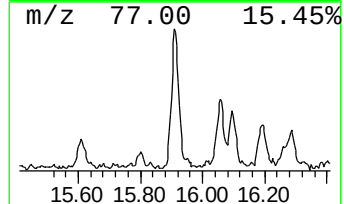
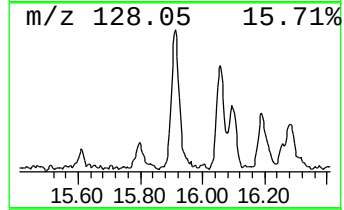
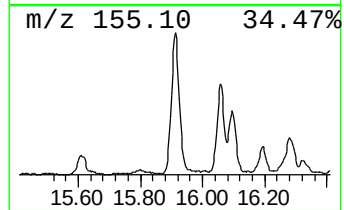
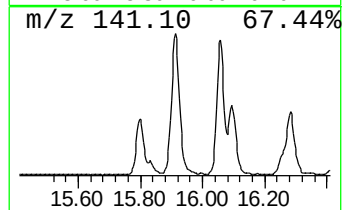
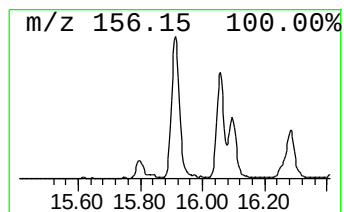
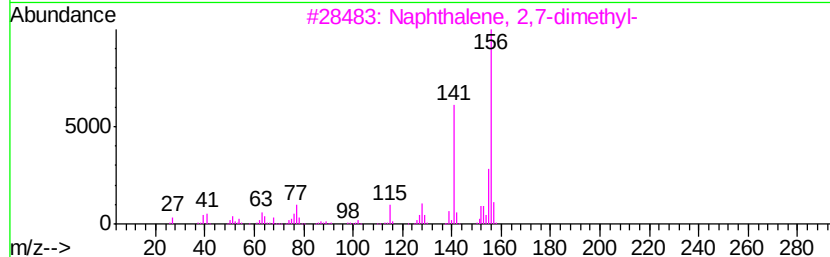
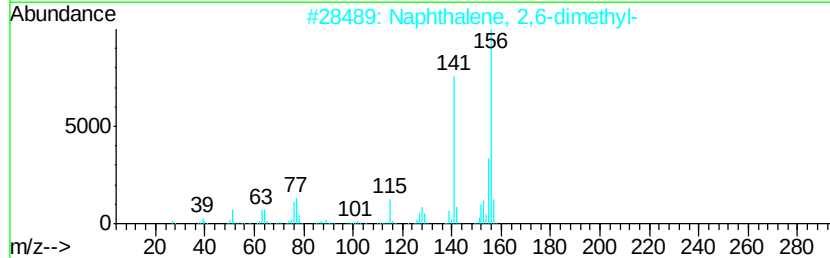
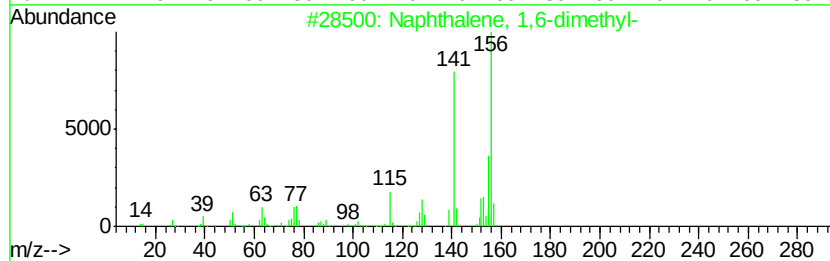
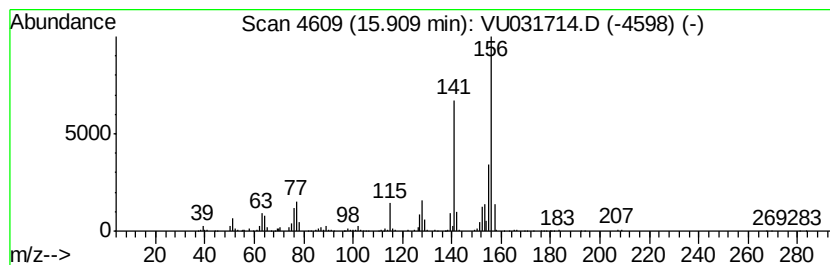
Instrument :
MSVOA_U
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	10.17 ug/L	526434	1,4-Dichlorobenzene-d4	11.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 98
2		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 98
3		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
4		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
5		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050219\
Data File : VU031714.D
Acq On : 02 May 2019 16:02
Operator : JC/SP
Sample : K2661-08
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

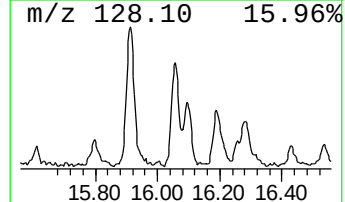
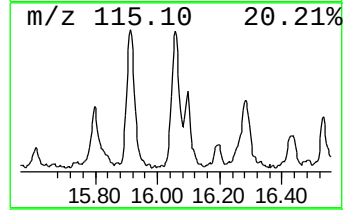
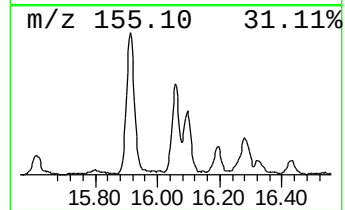
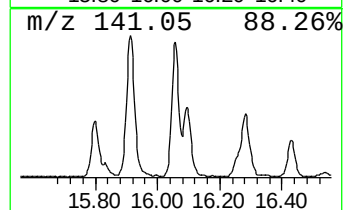
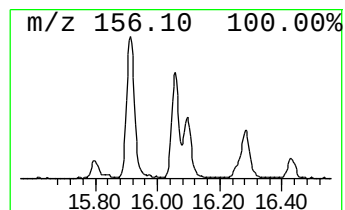
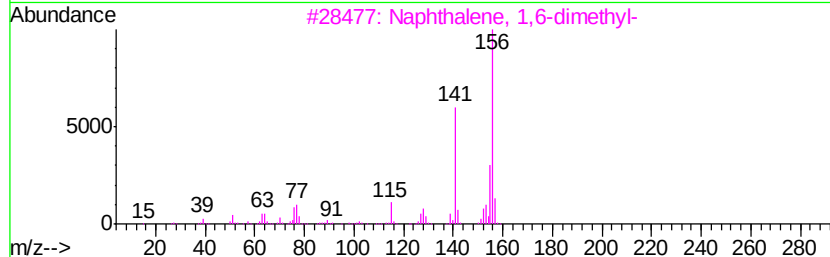
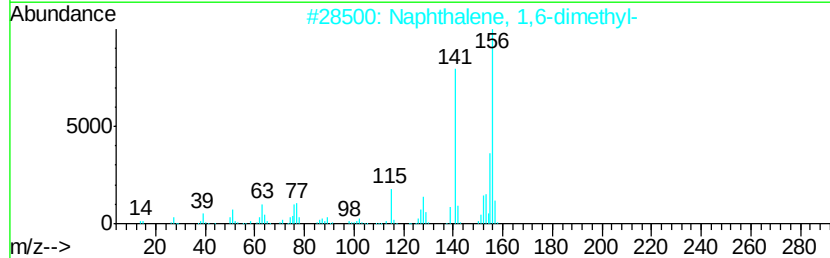
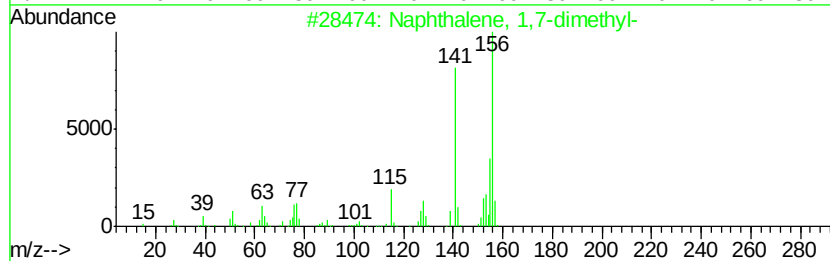
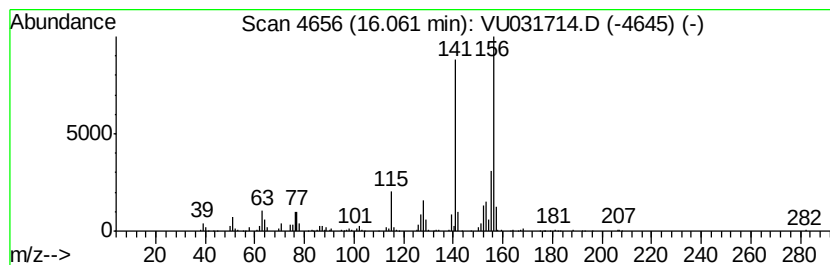
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 8 Naphthalene, 1,7-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.06	6.93 ug/L	359060	1,4-Dichlorobenzene-d4	11.48	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050219\
Data File : VU031714.D
Acq On : 02 May 2019 16:02
Operator : JC/SP
Sample : K2661-08
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampled :
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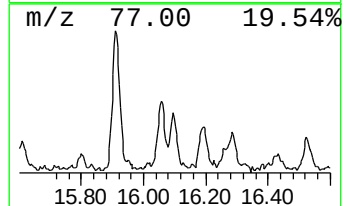
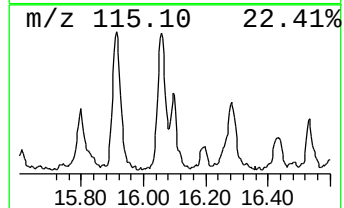
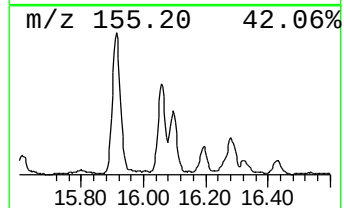
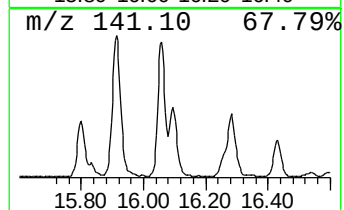
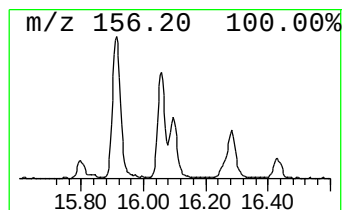
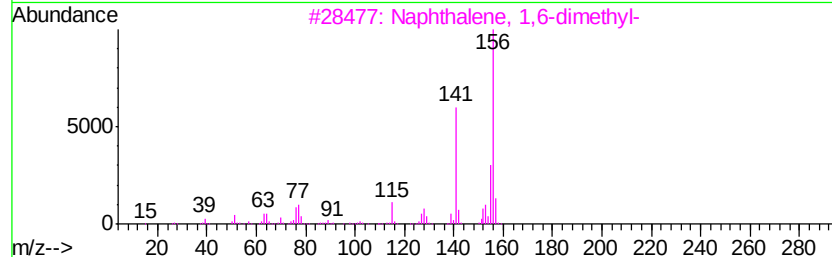
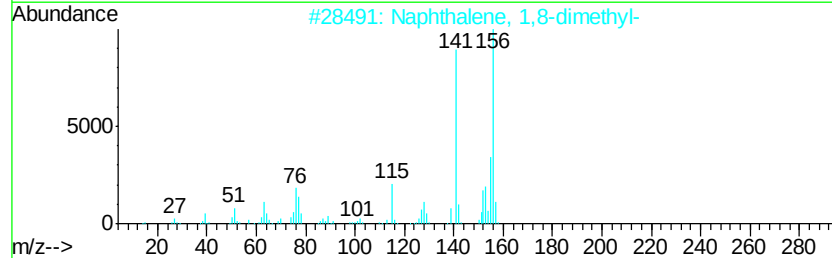
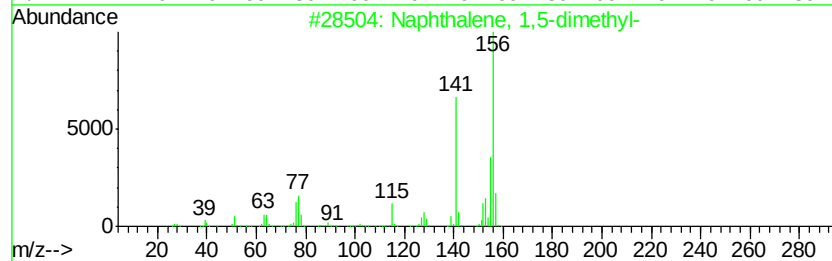
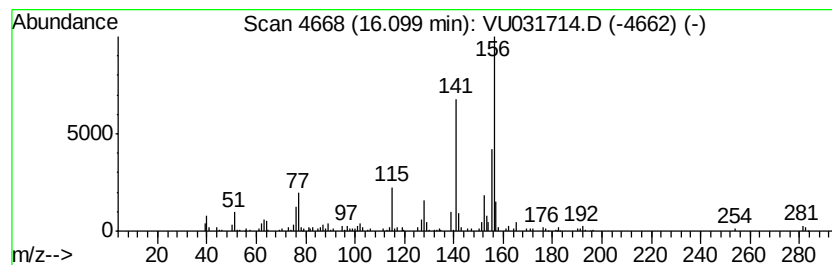
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Quant Title : VOC Analysis

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

Peak Number 9 Naphthalene, 1,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.10	4.15 ug/L	214870	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
2		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050219\
Data File : VU031714.D
Acq On : 02 May 2019 16:02
Operator : JC/SP
Sample : K2661-08
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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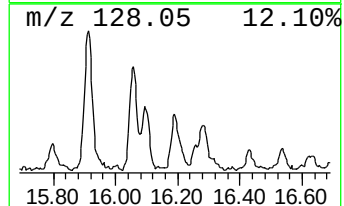
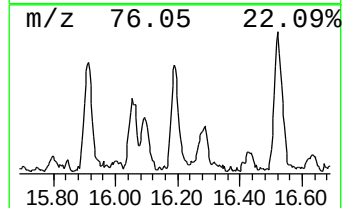
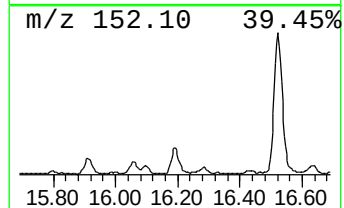
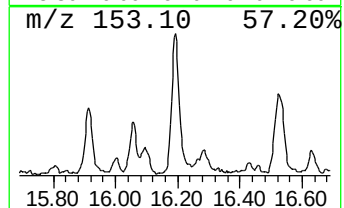
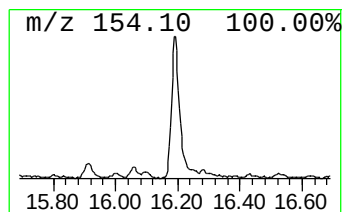
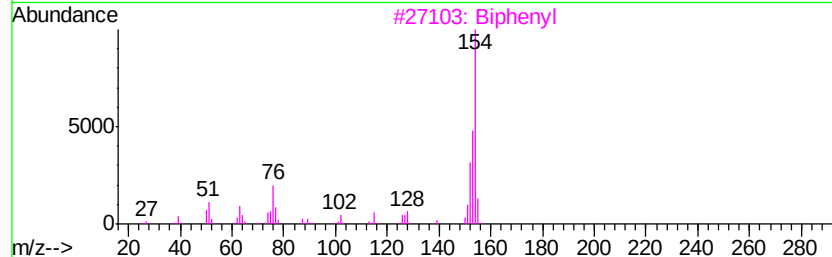
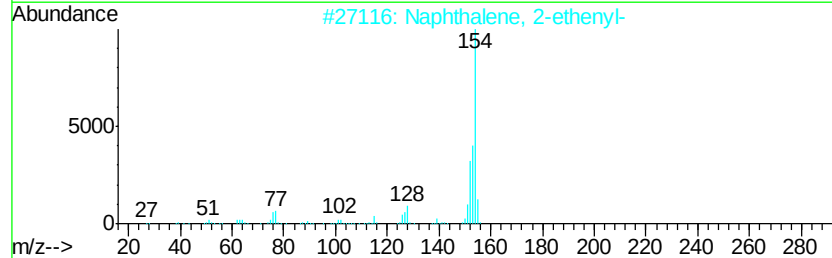
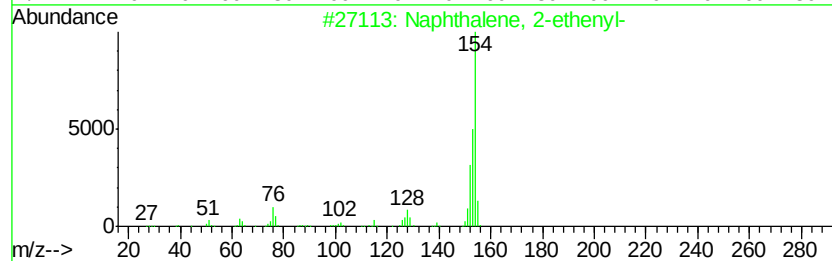
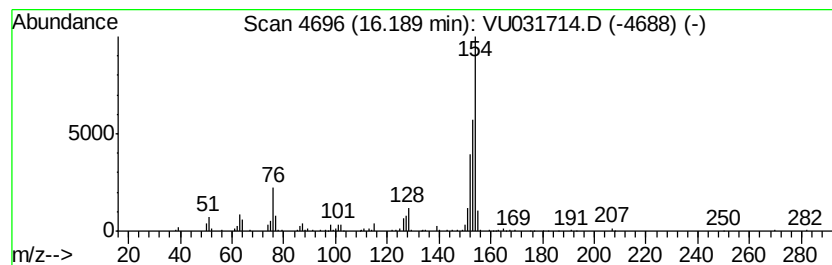
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Quant Title : VOC Analysis

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

Peak Number 10 Naphthalene, 2-ethenyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	3.96 ug/L	205277	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	91
3		Biphenyl	154	C12H10	000092-52-4	90
4		Biphenyl	154	C12H10	000092-52-4	81
5		Acenaphthene	154	C12H10	000083-32-9	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050219\
Data File : VU031714.D
Acq On : 02 May 2019 16:02
Operator : JC/SP
Sample : K2661-08
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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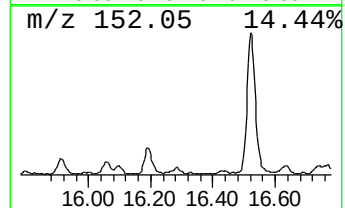
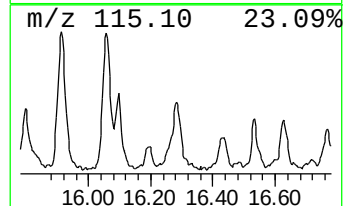
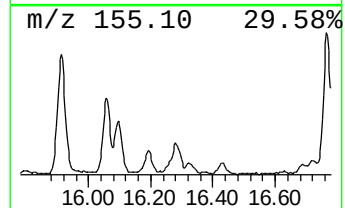
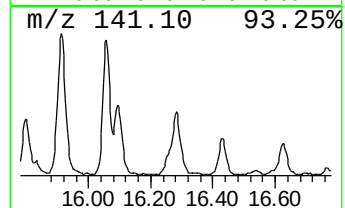
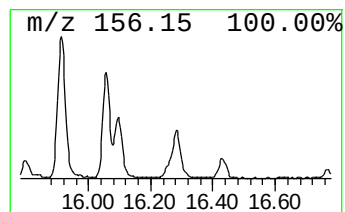
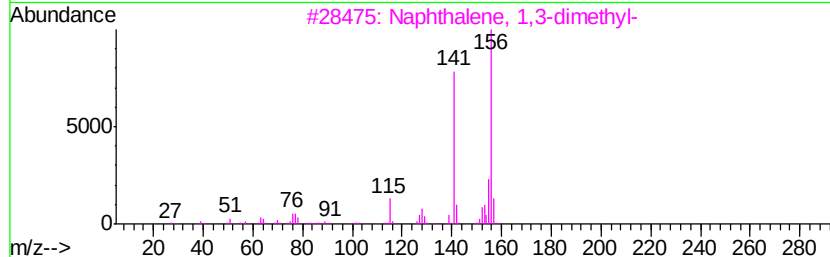
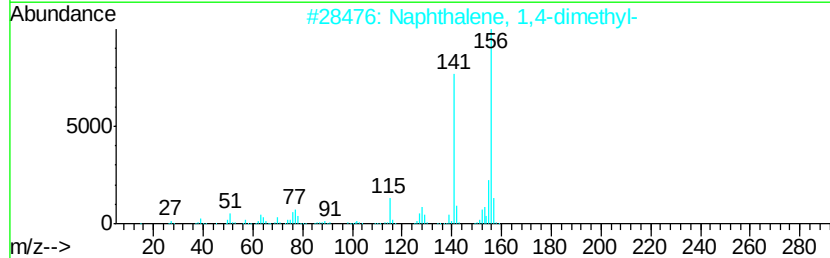
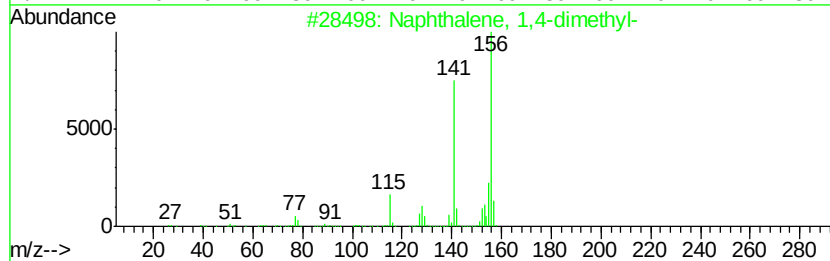
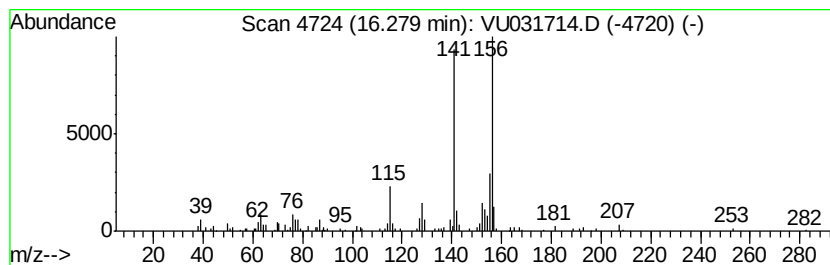
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Quant Title : VOC Analysis

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

Peak Number 11 Naphthalene, 1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	3.37 ug/L	174719	1,4-Dichlorobenzene-d4	11.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050219\
Data File : VU031714.D
Acq On : 02 May 2019 16:02
Operator : JC/SP
Sample : K2661-08
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Instrument :
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ClientSampleId :
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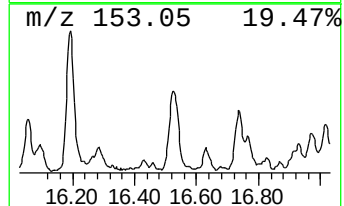
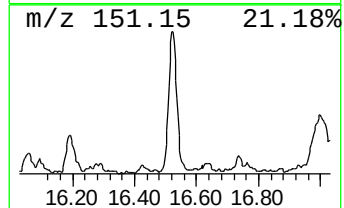
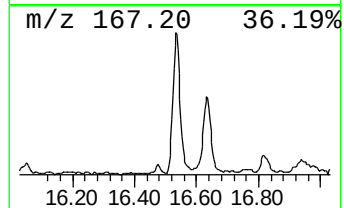
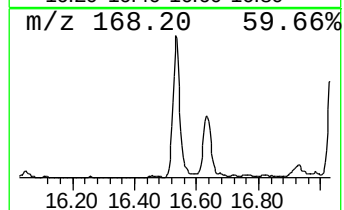
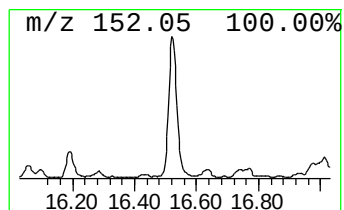
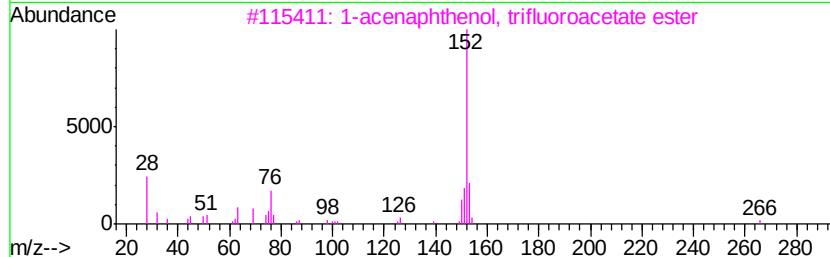
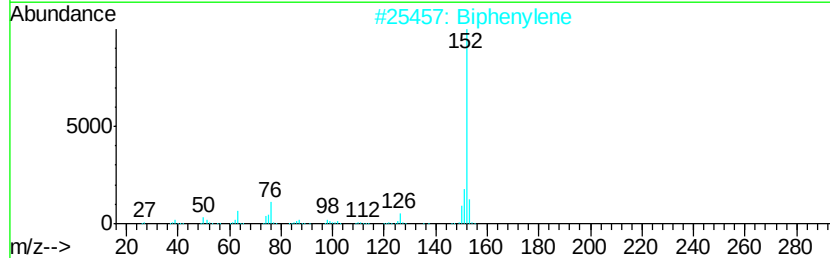
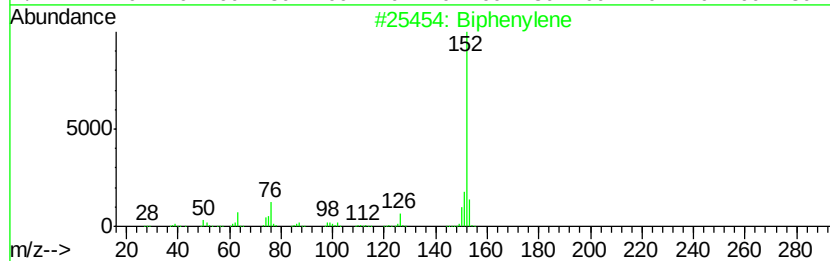
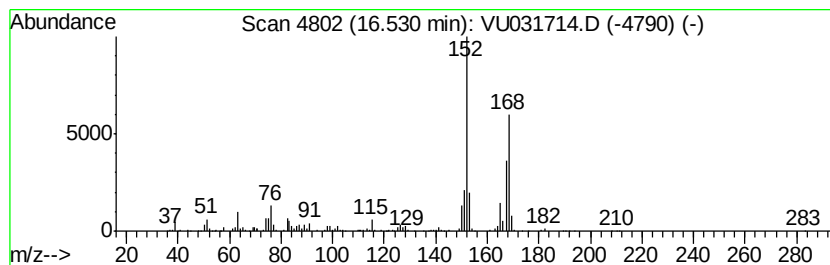
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Quant Title : VOC Analysis

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

Peak Number 12 Biphenylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	9.76 ug/L	505701	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Biphenylene	152	C12H8	000259-79-0	90
2		Biphenylene	152	C12H8	000259-79-0	60
3		1-acenaphthenol, trifluoroacetat...	266	C14H9F3O2	1000376-45-2	49
4		Acenaphthylene	152	C12H8	000208-96-8	49
5		Pyridine, 3-trimethylsiloxy-	167	C8H13NOSi	041571-88-4	47



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050219\
Data File : VU031714.D
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Operator : JC/SP
Sample : K2661-08
Misc : 5.0mL/MSVOA U/WATER
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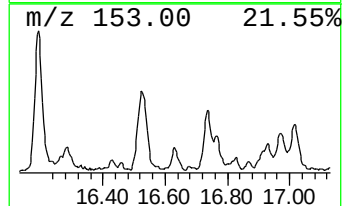
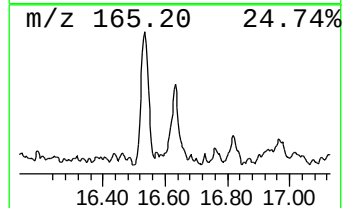
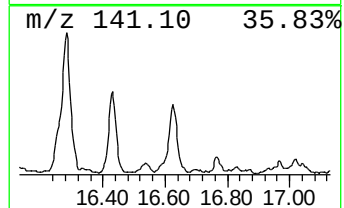
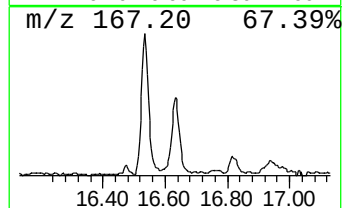
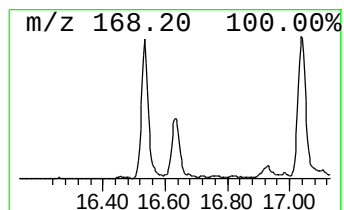
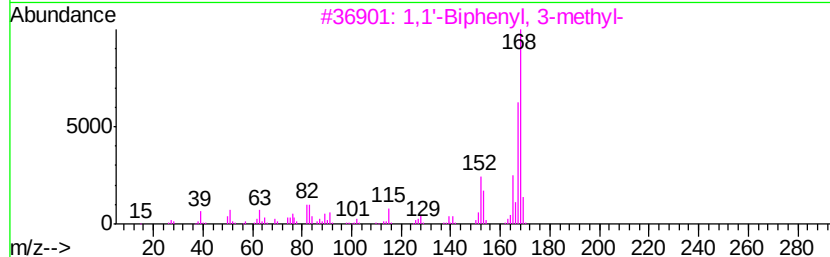
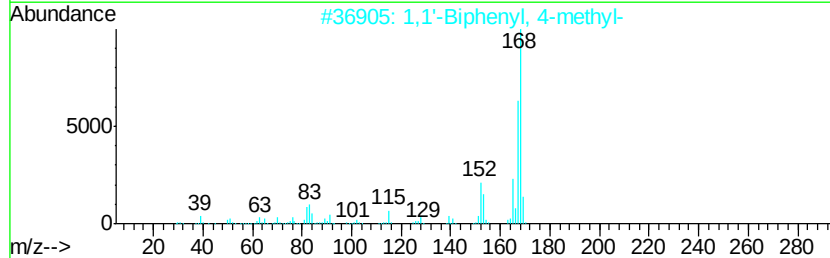
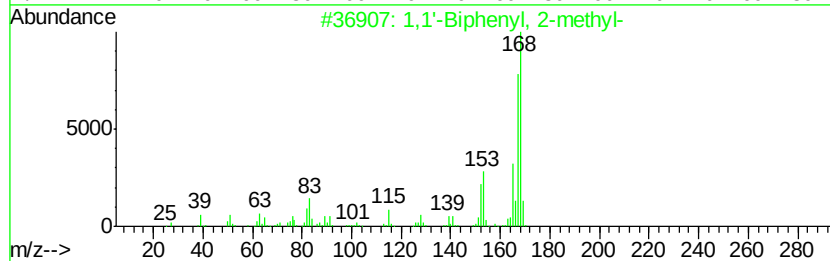
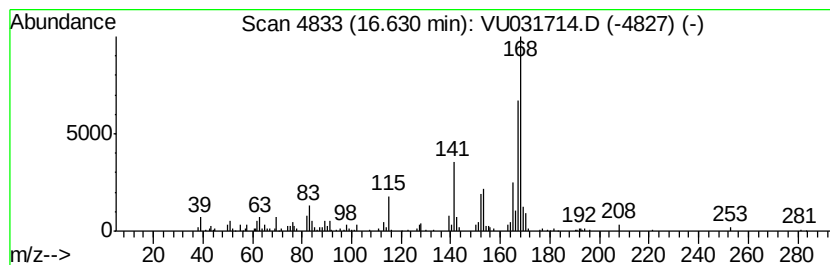
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Quant Title : VOC Analysis

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

Peak Number 13 1,1'-Biphenyl, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.63	2.97 ug/L	153855	1,4-Dichlorobenzene-d4	11.48	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	96
2	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	93
3	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	92
4	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	92
5	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	89



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050219\
Data File : VU031714.D
Acq On : 02 May 2019 16:02
Operator : JC/SP
Sample : K2661-08
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

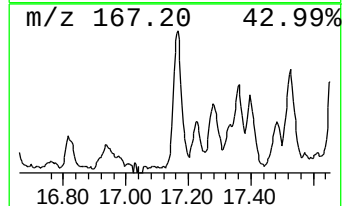
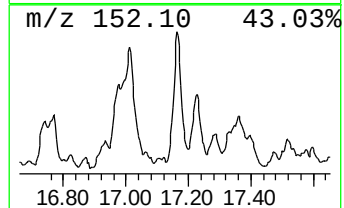
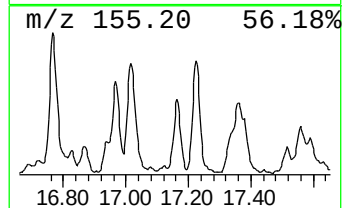
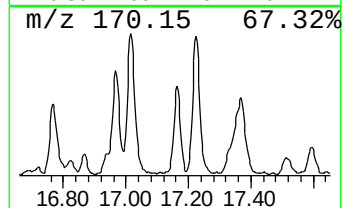
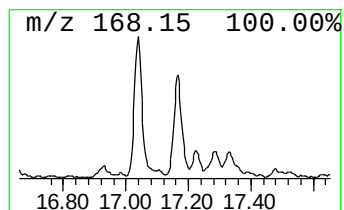
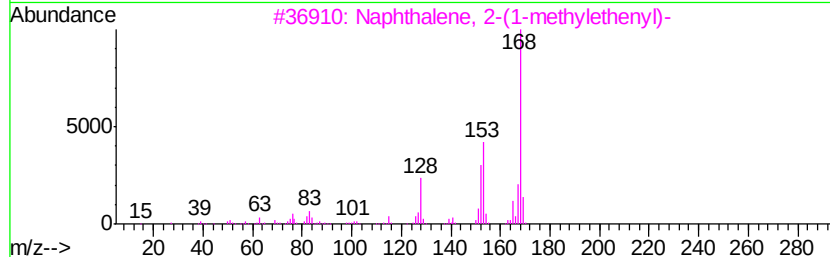
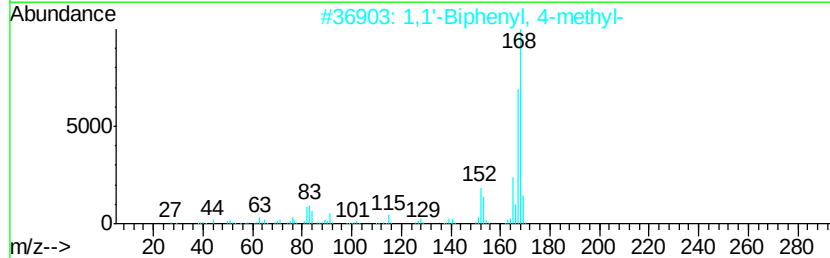
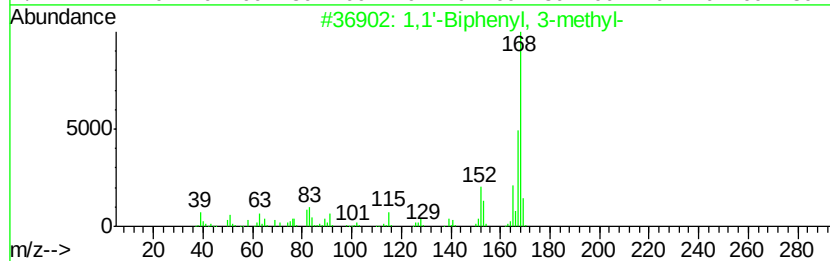
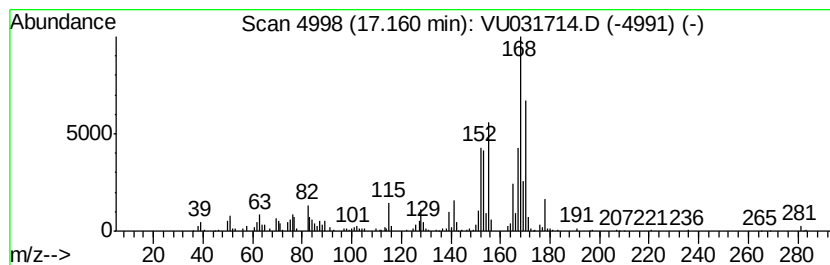
Instrument :
MSVOA_U
ClientSampleId :
C0B28

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 15 1,1'-Biphenyl, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.16	5.85 ug/L	303103	1,4-Dichlorobenzene-d4	11.48	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	90
2	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	43
3	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	43
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	41
5	Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	30



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050219\
Data File : VU031714.D
Acq On : 02 May 2019 16:02
Operator : JC/SP
Sample : K2661-08
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B28

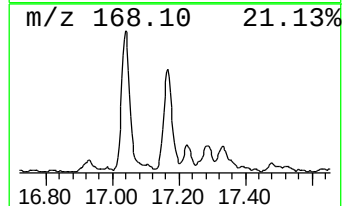
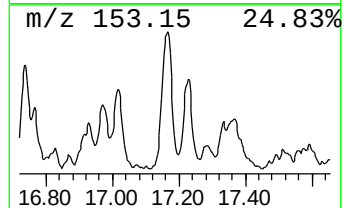
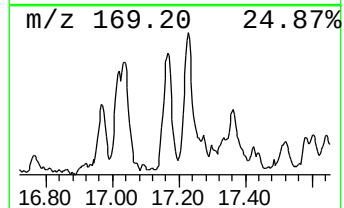
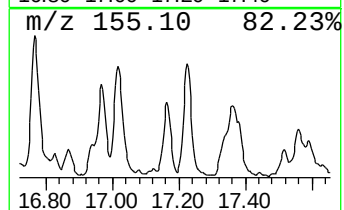
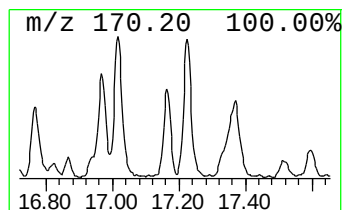
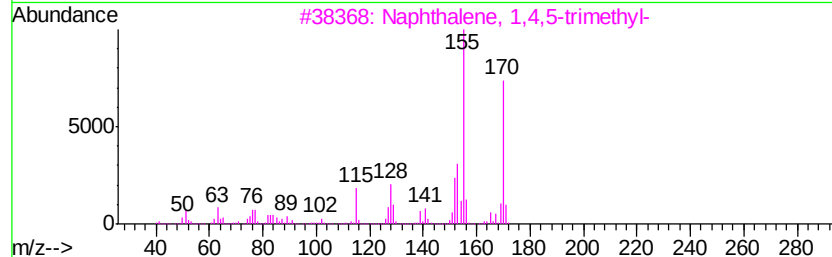
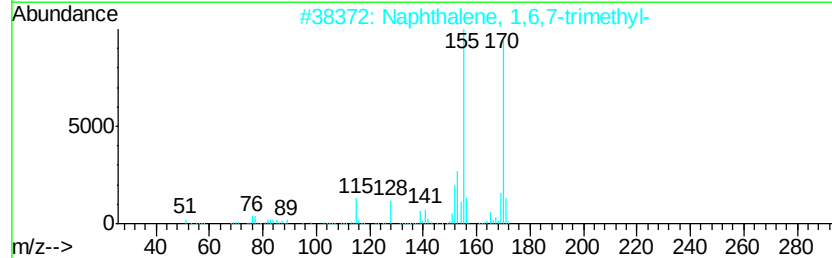
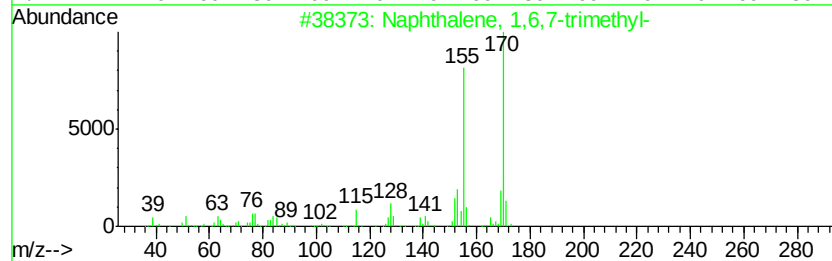
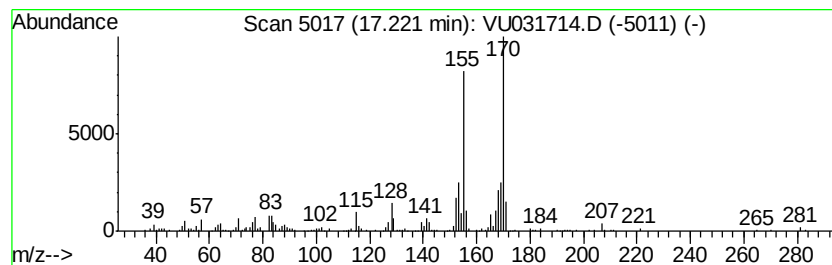
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 16 Naphthalene, 1,6,7-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	4.06 ug/L	210409	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	95
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
3		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	89
4		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	89
5		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050219\
Data File : VU031714.D
Acq On : 02 May 2019 16:02
Operator : JC/SP
Sample : K2661-08
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0B28

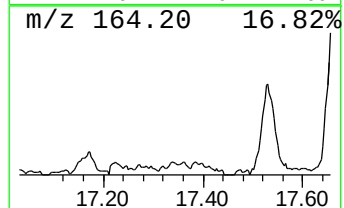
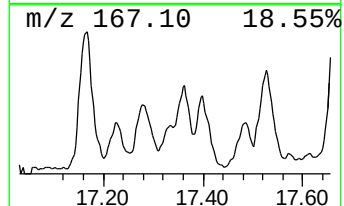
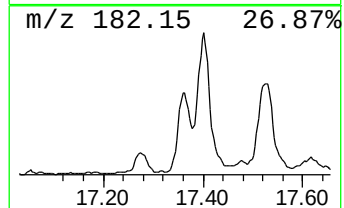
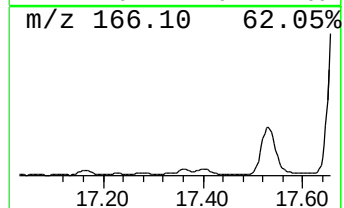
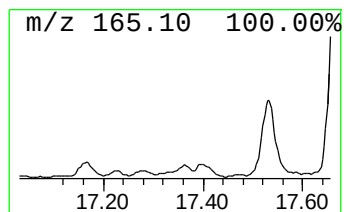
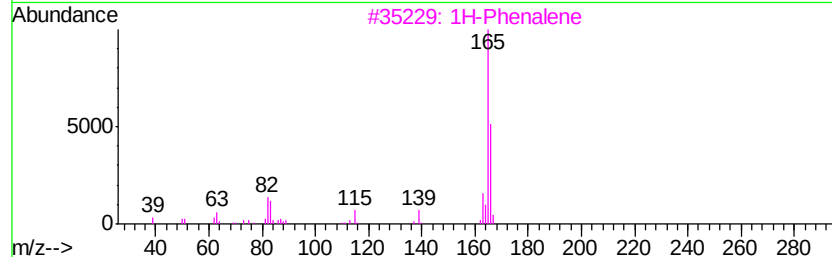
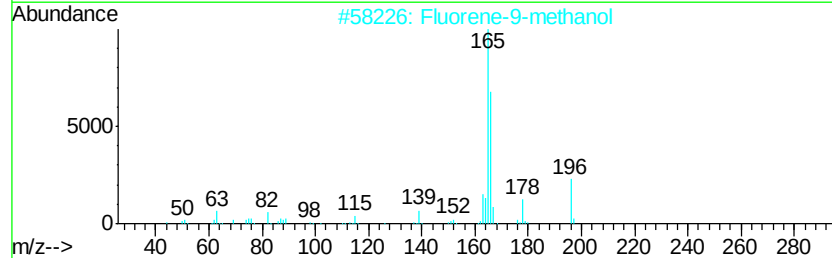
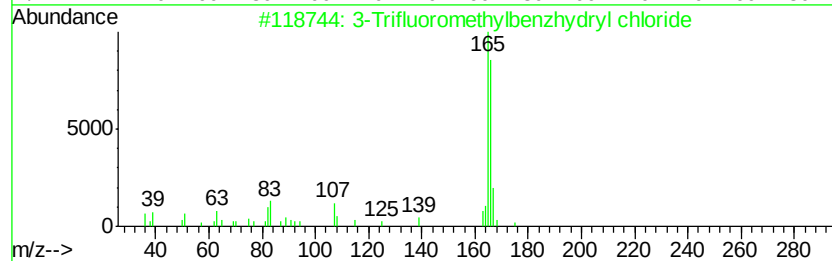
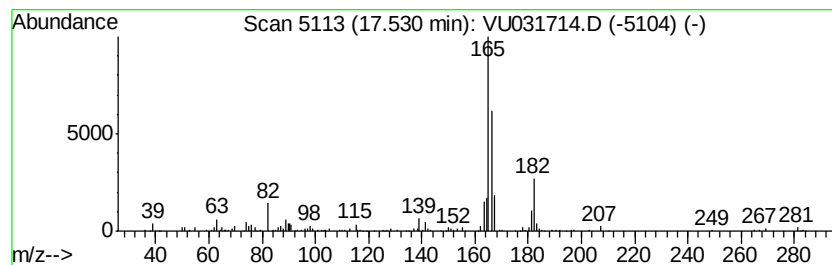
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 17 3-Trifluoromethylbenzhydryl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.53	4.81 ug/L	249249	1,4-Dichlorobenzene-d4	11.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	59
2			Fluorene-9-methanol	196	C14H12O	024324-17-2	53
3			1H-Phenylene	166	C13H10	000203-80-5	50
4			1,3-Benzodioxole-5-carboxylic acid	166	C8H6O4	000094-53-1	47
5			Fluorene	166	C13H10	000086-73-7	43



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050219\
 Data File : VU031714.D
 Acq On : 02 May 2019 16:02
 Operator : JC/SP
 Sample : K2661-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B28

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
(DEL) Alkane: Str...	1.30	2.5	ug/L	118737	1	5.88	2331800	50.0
Naphthalene, 1-me...	14.88	14.1	ug/L	731716	3	11.48	2589420	50.0
Biphenyl	15.61	2.6	ug/L	132431	3	11.48	2589420	50.0
Naphthalene, 1,6-...	15.91	10.2	ug/L	526434	3	11.48	2589420	50.0
Naphthalene, 1,7-...	16.06	6.9	ug/L	359060	3	11.48	2589420	50.0
Naphthalene, 1,5-...	16.10	4.2	ug/L	214870	3	11.48	2589420	50.0
Naphthalene, 2-et...	16.19	4.0	ug/L	205277	3	11.48	2589420	50.0
Naphthalene, 1,4-...	16.28	3.4	ug/L	174719	3	11.48	2589420	50.0
Biphenylene	16.53	9.8	ug/L	505701	3	11.48	2589420	50.0
1,1'-Biphenyl, 2-...	16.63	3.0	ug/L	153855	3	11.48	2589420	50.0
1,1'-Biphenyl, 3-...	17.16	5.8	ug/L	303103	3	11.48	2589420	50.0
Naphthalene, 1,6,...	17.22	4.1	ug/L	210409	3	11.48	2589420	50.0
3-Trifluoromethyl...	17.53	4.8	ug/L	249249	3	11.48	2589420	50.0