

Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
 Data File : VU031360.D
 Acq On : 19 Apr 2019 15:38
 Operator : JC/SP
 Sample : K2403-20ME
 Misc : 6.58g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A5132ME

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\SOMULM041719WMA.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	34	rBV2	11963	11266	0.56%	0.044%
2	1.289	59	62	68	rBV2	7967	8289	0.41%	0.033%
3	1.395	88	95	114	rVB	189099	267748	13.25%	1.054%
4	1.646	168	173	176	rBV	34839	37373	1.85%	0.147%
5	1.678	177	183	195	rVB	129153	202230	10.01%	0.796%
6	2.247	350	360	376	rVB	433020	672980	33.31%	2.649%
7	2.405	406	409	417	rVB8	2109	2904	0.14%	0.011%
8	2.450	417	423	431	rVB9	2608	3917	0.19%	0.015%
9	2.530	446	448	451	rBV2	1213	911	0.05%	0.004%
10	2.614	469	474	477	rVV5	1116	1275	0.06%	0.005%
11	2.691	488	498	513	rBV2	16225	33162	1.64%	0.131%
12	2.836	539	543	544	rVV2	727	581	0.03%	0.002%
13	2.842	544	545	549	rVB3	1434	705	0.03%	0.003%
14	2.900	561	563	566	rVB3	1026	566	0.03%	0.002%
15	2.964	578	583	586	rBV5	1661	1848	0.09%	0.007%
16	3.087	618	621	624	rVB4	1282	834	0.04%	0.003%
17	3.154	639	642	645	rBV5	978	621	0.03%	0.002%
18	3.177	645	649	653	rBV4	786	716	0.04%	0.003%
19	3.453	732	735	738	rBV2	734	562	0.03%	0.002%
20	3.514	750	754	760	rVB4	1159	1376	0.07%	0.005%
21	3.566	764	770	772	rBV5	991	877	0.04%	0.003%
22	3.762	829	831	836	rVB3	899	611	0.03%	0.002%
23	3.794	836	841	843	rBV2	770	637	0.03%	0.003%
24	4.051	916	921	923	rBV4	922	614	0.03%	0.002%
25	4.125	939	944	948	rVB3	645	679	0.03%	0.003%
26	4.215	956	972	1004	rBV3	162228	666935	33.01%	2.626%
27	4.643	1088	1105	1129	rBV	293645	759007	37.57%	2.988%
28	4.874	1170	1177	1178	rBV7	1365	1184	0.06%	0.005%
29	4.974	1202	1208	1211	rBV6	1790	1812	0.09%	0.007%
30	5.128	1252	1256	1259	rVB4	988	706	0.03%	0.003%
31	5.331	1296	1319	1347	rBV2	695269	2020173	100.00%	7.953%
32	5.546	1383	1386	1389	rBV4	1199	916	0.05%	0.004%
33	5.598	1395	1402	1408	rVB5	894	1271	0.06%	0.005%
34	5.633	1408	1413	1415	rBV3	847	711	0.04%	0.003%

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 ClientSampleId :
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Integration Parameters: LSCINT.P

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

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Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
 Title : VOC Analysis

35	5.685	1426	1429	1436	rVB4	1215	1275	0.06%	0.005%
36	5.752	1444	1450	1451	rBV4	676	716	0.04%	0.003%
37	5.884	1475	1491	1531	rBV	664521	1535914	76.03%	6.047%
38	6.183	1571	1584	1605	rBV4	67742	153184	7.58%	0.603%
39	6.328	1615	1629	1661	rBV	396687	912143	45.15%	3.591%
40	6.775	1762	1768	1769	rBV3	845	621	0.03%	0.002%
41	6.929	1812	1816	1818	rBV4	854	592	0.03%	0.002%
42	6.961	1823	1826	1831	rBV4	1012	985	0.05%	0.004%
43	7.228	1896	1909	1937	rBV2	208942	468931	23.21%	1.846%
44	7.414	1964	1967	1974	rVB6	1122	1106	0.05%	0.004%
45	7.501	1991	1994	1997	rVB4	968	606	0.03%	0.002%
46	7.562	2000	2013	2059	rBV	812305	1646083	81.48%	6.480%
47	7.855	2093	2104	2131	rBV	134772	306027	15.15%	1.205%
48	8.012	2151	2153	2158	rVB5	807	588	0.03%	0.002%
49	8.167	2195	2201	2203	rBV5	1096	1144	0.06%	0.005%
50	8.340	2238	2255	2288	rBV2	448095	1205127	59.65%	4.744%
51	8.877	2419	2422	2425	rVB3	1057	705	0.03%	0.003%
52	8.900	2425	2429	2431	rBV3	1253	973	0.05%	0.004%
53	8.964	2445	2449	2452	rBV3	1030	877	0.04%	0.003%
54	9.093	2475	2489	2515	rBV	948642	1857439	91.94%	7.312%
55	9.231	2529	2532	2535	rVB2	1977	1095	0.05%	0.004%
56	9.321	2555	2560	2564	rVB6	1069	983	0.05%	0.004%
57	9.382	2569	2579	2585	rBV8	4183	7256	0.36%	0.029%
58	9.514	2617	2620	2626	rBV5	1368	1496	0.07%	0.006%
59	9.546	2626	2630	2632	rVV2	831	585	0.03%	0.002%
60	9.610	2646	2650	2656	rVB6	1411	1322	0.07%	0.005%
61	9.646	2657	2661	2663	rBV2	1110	708	0.04%	0.003%
62	9.778	2700	2702	2705	rBV3	1132	919	0.05%	0.004%
63	9.807	2708	2711	2714	rVB3	1713	1019	0.05%	0.004%
64	10.019	2775	2777	2780	rBV3	957	629	0.03%	0.002%
65	10.295	2860	2863	2864	rBV2	987	554	0.03%	0.002%
66	10.385	2889	2891	2894	rBV4	1016	723	0.04%	0.003%
67	10.437	2894	2907	2925	rVV	592725	989431	48.98%	3.895%
68	10.594	2954	2956	2960	rBV3	918	688	0.03%	0.003%
69	10.688	2979	2985	2986	rBV4	2297	2034	0.10%	0.008%
70	10.778	3008	3013	3020	rVB8	3199	3926	0.19%	0.015%
71	10.954	3064	3068	3071	rBV3	1377	1092	0.05%	0.004%

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 ClientSampleId :
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Integration Parameters: LSCINT.P

Integrator: RTE
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 Title : VOC Analysis

72	11.151	3124	3129	3142	rVB5	9800	14906	0.74%	0.059%
73	11.225	3144	3152	3162	rVV7	6817	12572	0.62%	0.049%
74	11.273	3162	3167	3174	rVB7	2936	3525	0.17%	0.014%
75	11.395	3202	3205	3210	rBV5	1538	1193	0.06%	0.005%
76	11.485	3220	3233	3254	rBV	1035879	1661922	82.27%	6.543%
77	11.630	3274	3278	3280	rBV4	2135	1641	0.08%	0.006%
78	11.861	3337	3350	3374	rBV	808919	1367953	67.71%	5.385%
79	12.253	3470	3472	3478	rBV5	1819	1670	0.08%	0.007%
80	12.826	3647	3650	3652	rBV3	2036	1459	0.07%	0.006%
81	13.128	3737	3744	3752	rVB8	7917	11804	0.58%	0.046%
82	13.372	3816	3820	3823	rBV3	2159	1541	0.08%	0.006%
83	13.498	3852	3859	3861	rBV5	2824	3405	0.17%	0.013%
84	13.742	3924	3935	3956	rBV	303357	565683	28.00%	2.227%
85	14.141	4052	4059	4066	rBV7	10633	13998	0.69%	0.055%
86	14.813	4264	4268	4271	rBV5	4800	4774	0.24%	0.019%
87	14.874	4276	4287	4312	rBV	840339	1458926	72.22%	5.744%
88	15.060	4334	4345	4368	rVB	406747	706398	34.97%	2.781%
89	15.607	4505	4515	4528	rBV	151948	252843	12.52%	0.995%
90	15.797	4567	4574	4583	rBV	83223	129412	6.41%	0.509%
91	15.912	4598	4610	4626	rBV	697127	1219434	60.36%	4.801%
92	16.057	4645	4655	4661	rBV	512830	807107	39.95%	3.177%
93	16.189	4686	4696	4708	rBV	293965	475606	23.54%	1.872%
94	16.427	4762	4770	4781	rBV	108106	172575	8.54%	0.679%
95	16.527	4789	4801	4818	rBV2	529400	1004813	49.74%	3.956%
96	16.630	4826	4833	4846	rVB3	155082	251553	12.45%	0.990%
97	17.019	4946	4954	4977	rVB2	204225	496547	24.58%	1.955%
98	17.163	4991	4999	5009	rBV	237381	358753	17.76%	1.412%
99	17.224	5011	5018	5028	rVB2	200717	301480	14.92%	1.187%
100	17.527	5104	5112	5128	rVB3	153229	282220	13.97%	1.111%

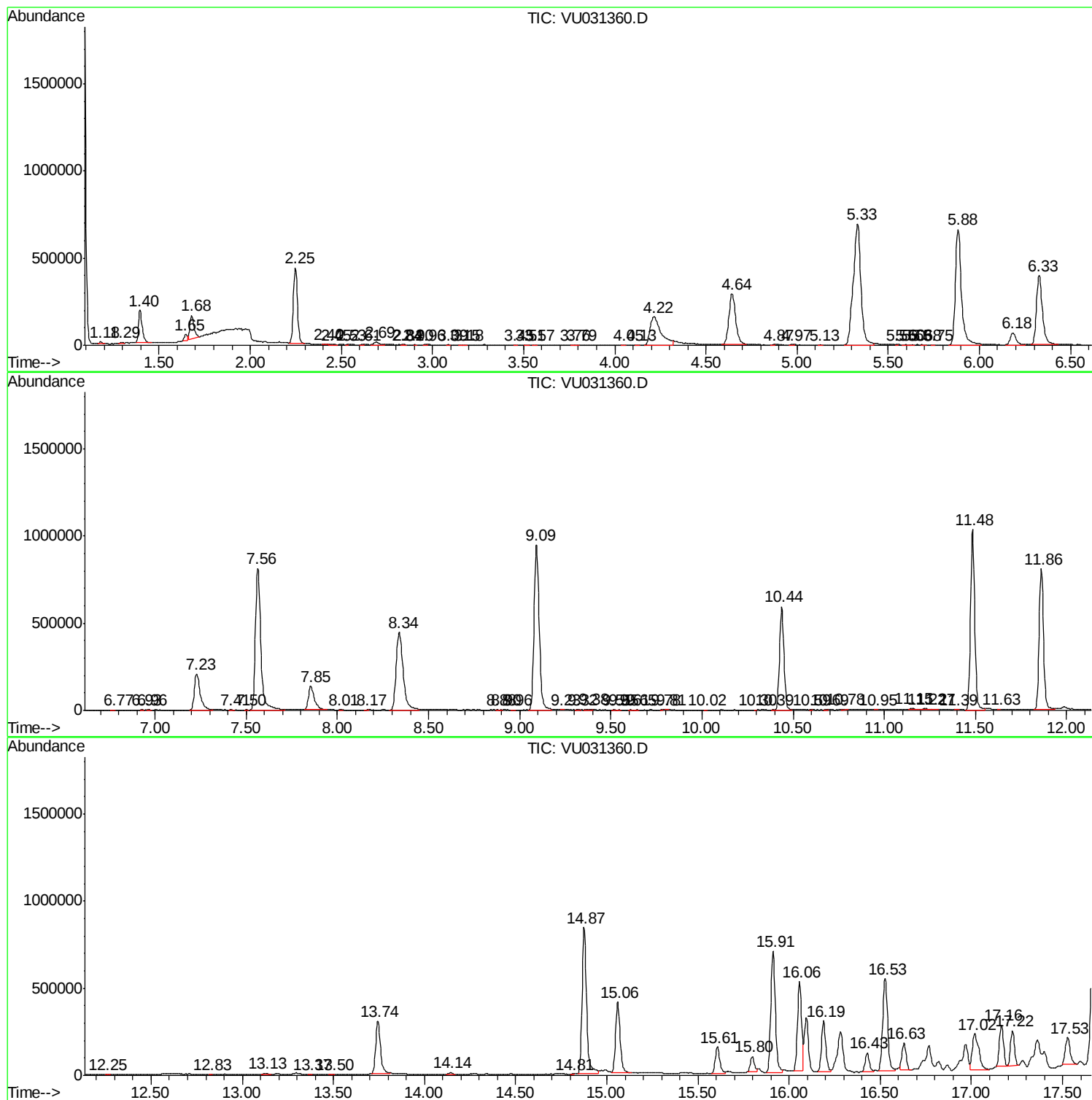
Sum of corrected areas: 25401206

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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A5132ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

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



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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A5132ME

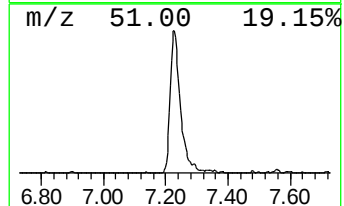
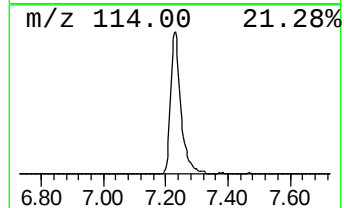
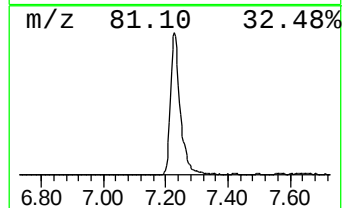
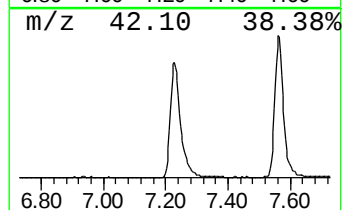
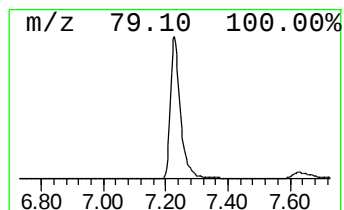
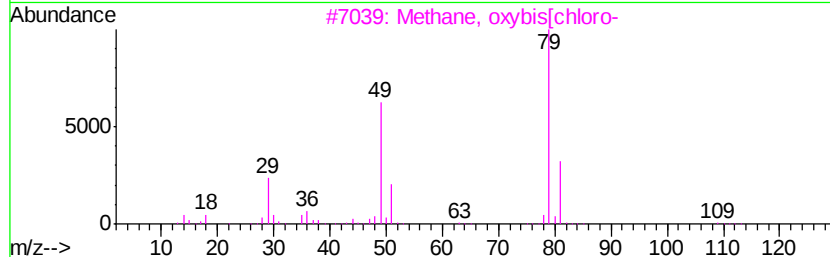
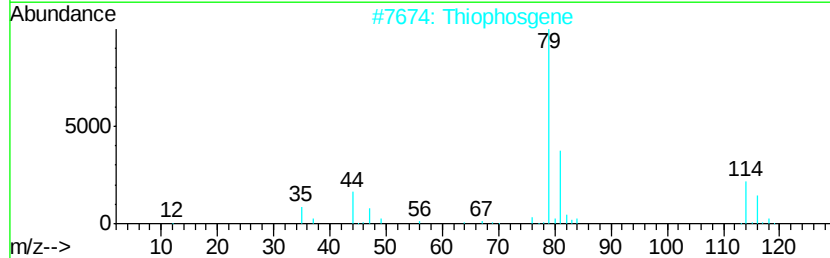
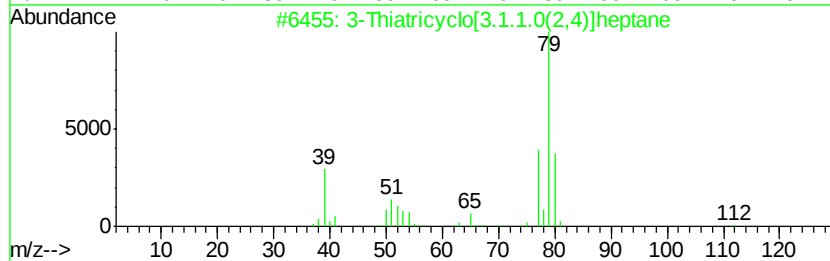
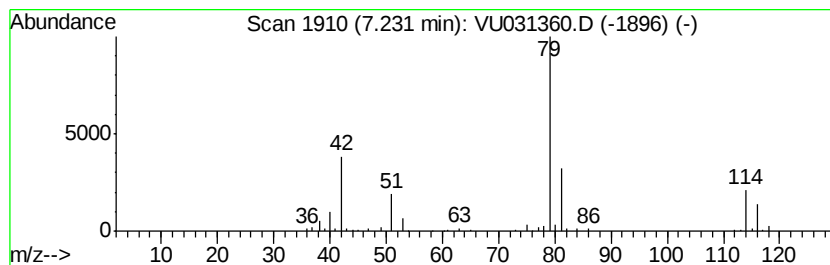
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.23	15.27 ug/L	468931	1,4-Difluorobenzene	5.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Thiatricyclo[3.1.1.0(2,4)]heptane	112	C6H8S	1000221-37-0	32
2		Thiophosgene	114	CCl2S	000463-71-8	27
3		Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	25
4		Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	23
5		2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	17



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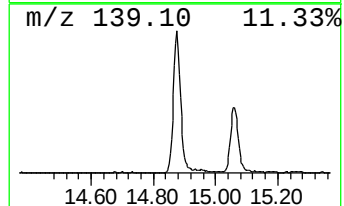
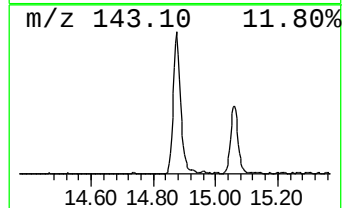
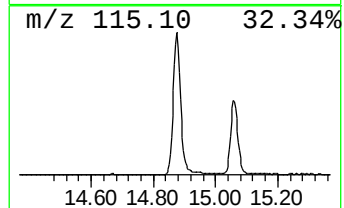
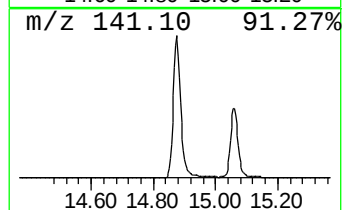
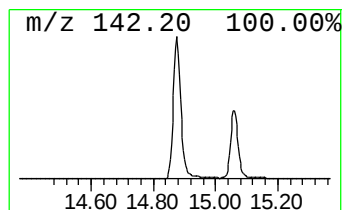
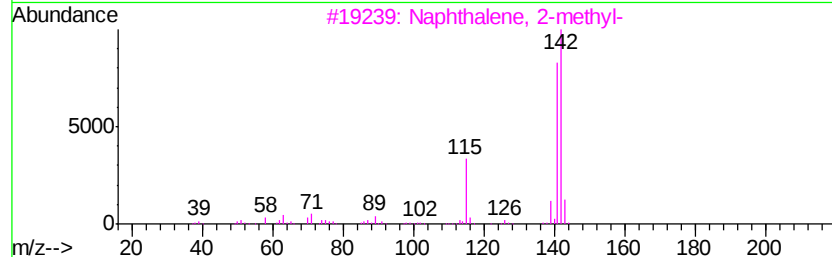
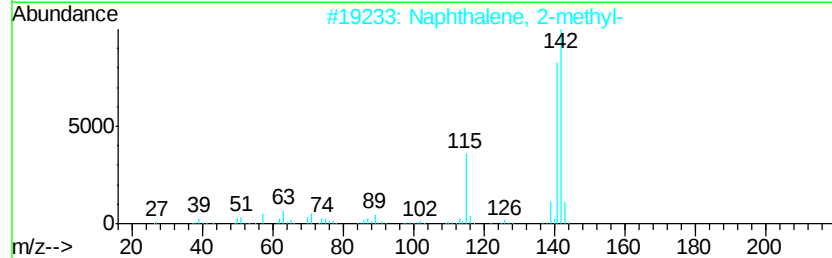
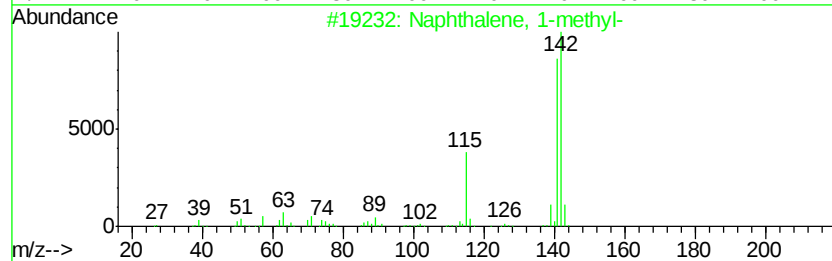
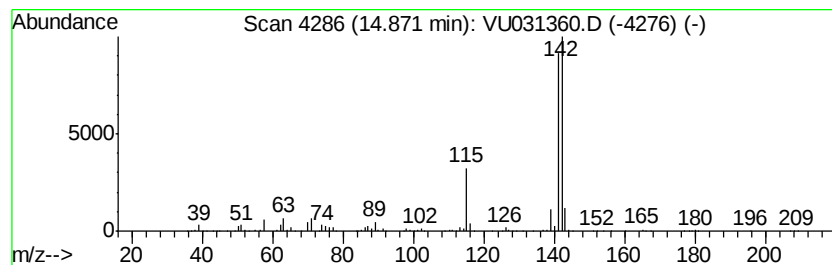
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

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	43.89 ug/L	1458930	1,4-Dichlorobenzene-d4	11.48

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



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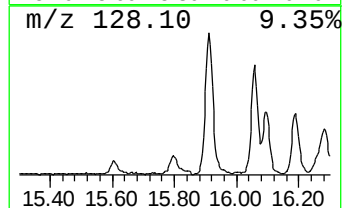
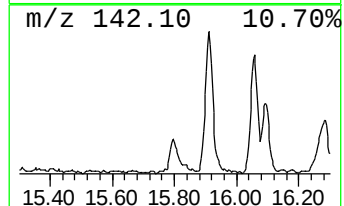
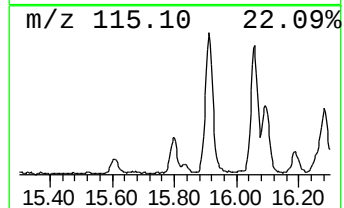
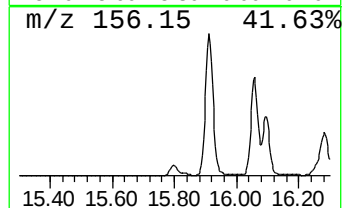
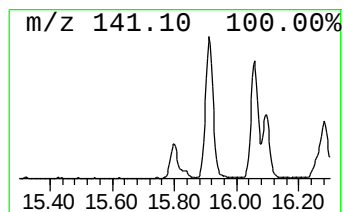
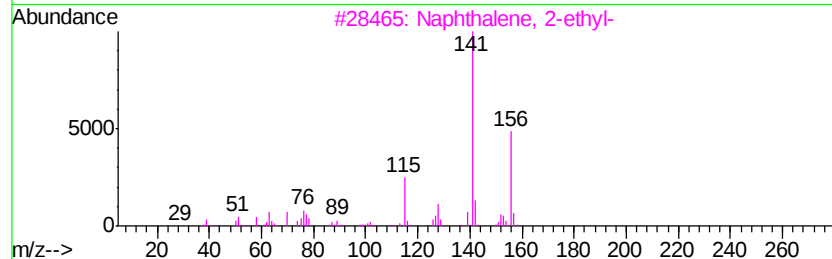
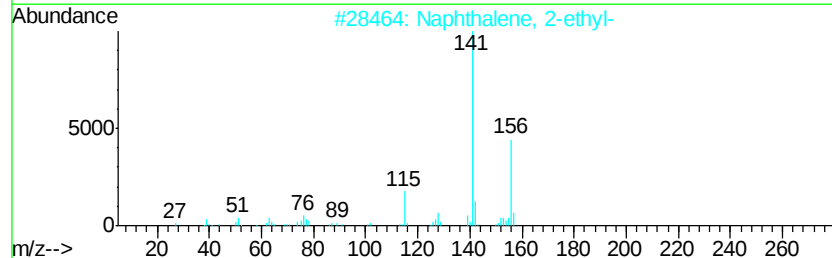
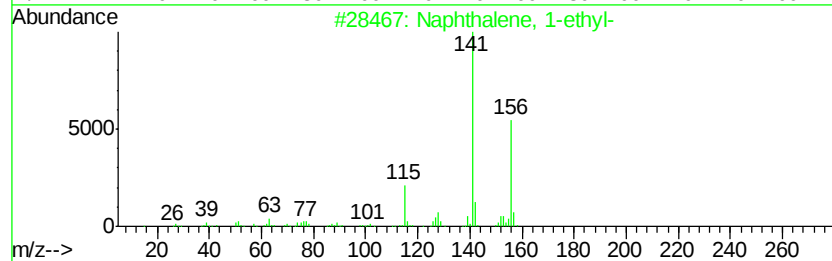
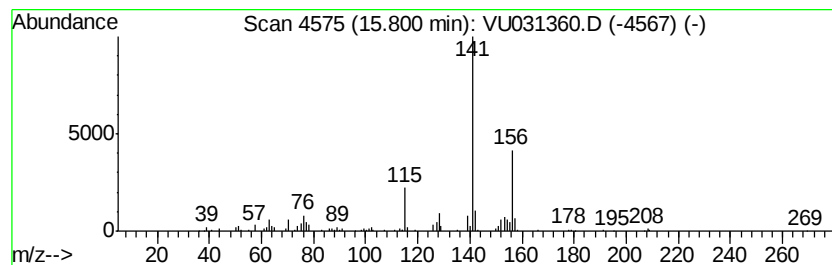
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Quant Title : VOC Analysis

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

Peak Number 6 Naphthalene, 1-ethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.80	3.89 ug/L	129412	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, 2-ethyl-	156	C12H12	000939-27-5	97
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	95
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	94
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	94



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031360.D
Acq On : 19 Apr 2019 15:38
Operator : JC/SP
Sample : K2403-20ME
Misc : 6.58g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

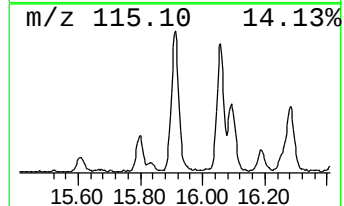
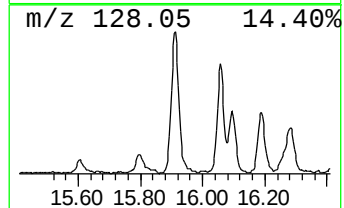
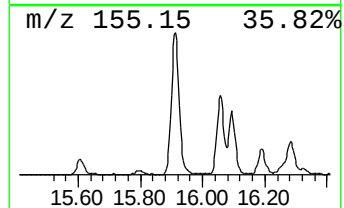
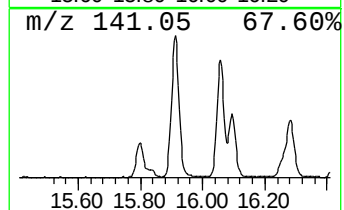
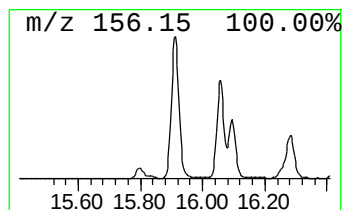
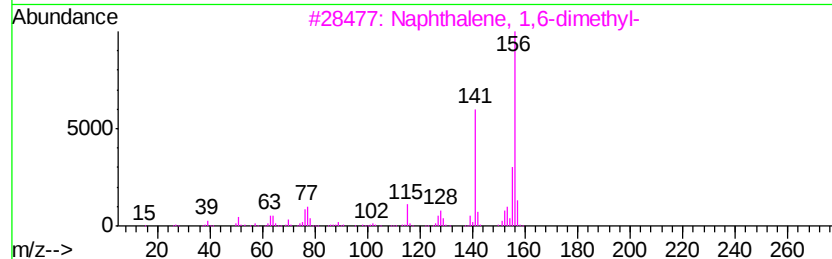
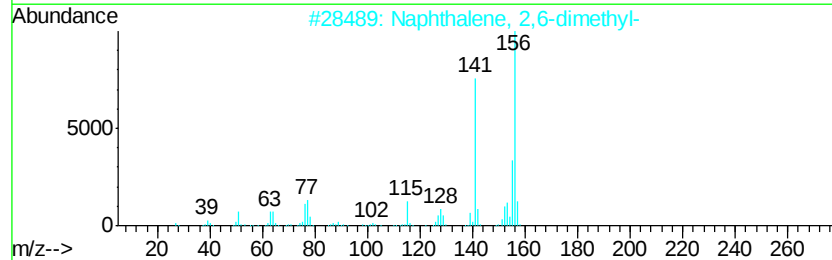
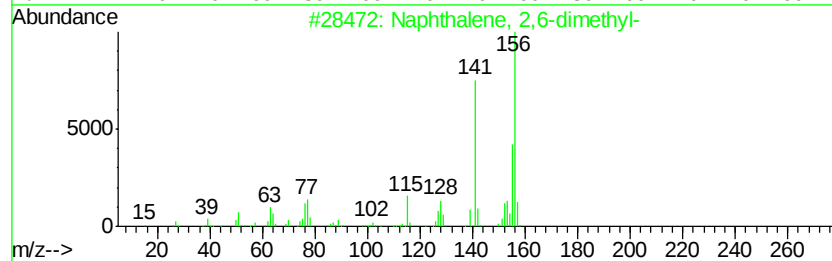
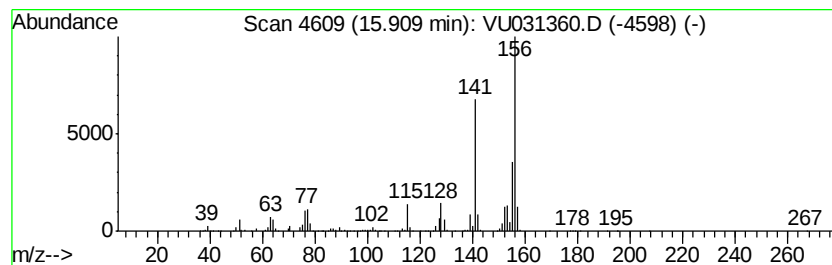
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ClientSampleId :
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	36.69 ug/L	1219430	1,4-Dichlorobenzene-d4	11.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 98
2		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 98
3		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 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:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031360.D
Acq On : 19 Apr 2019 15:38
Operator : JC/SP
Sample : K2403-20ME
Misc : 6.58g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

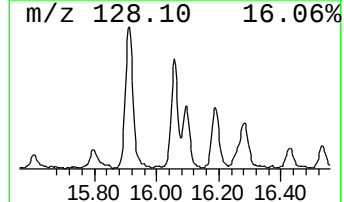
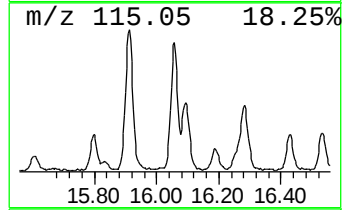
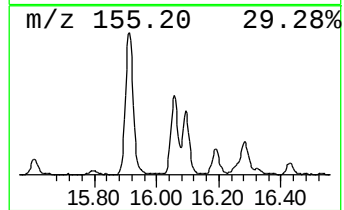
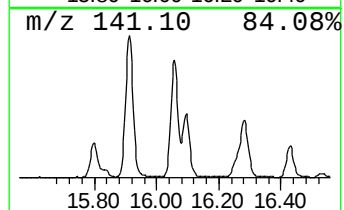
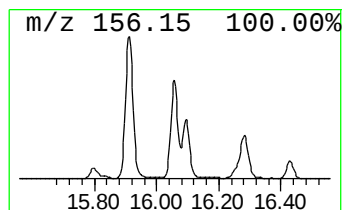
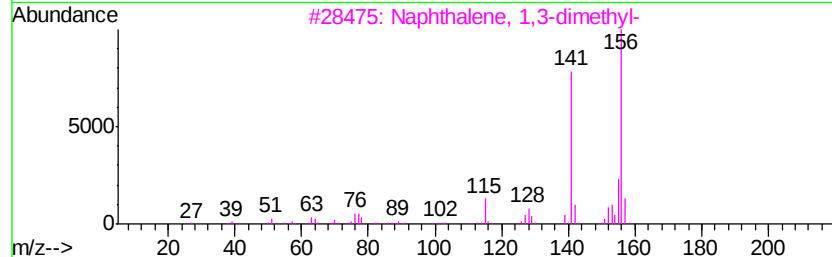
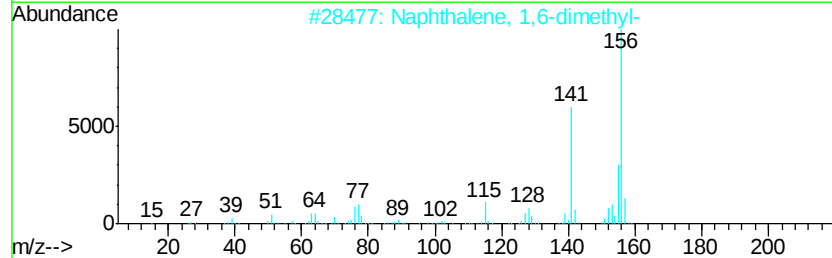
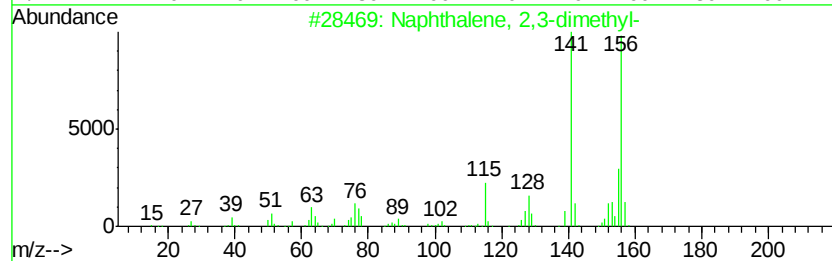
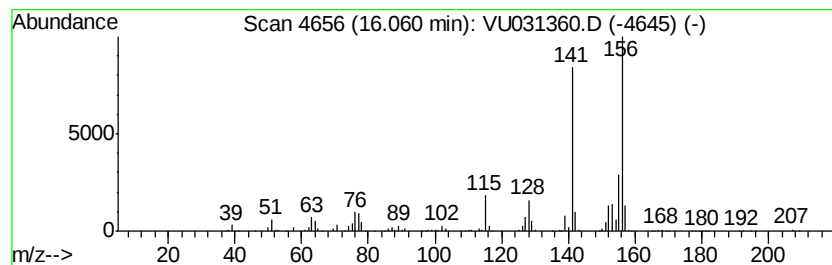
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ClientSampleId :
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	24.28 ug/L	807107	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 97
3		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 97
4		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 97
5		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031360.D
Acq On : 19 Apr 2019 15:38
Operator : JC/SP
Sample : K2403-20ME
Misc : 6.58g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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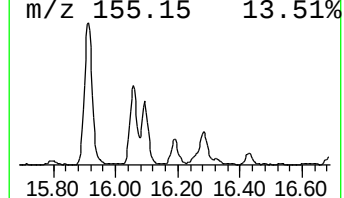
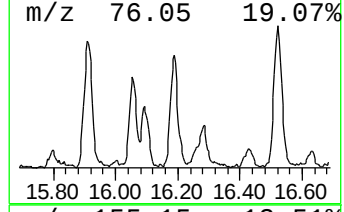
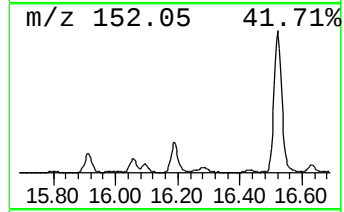
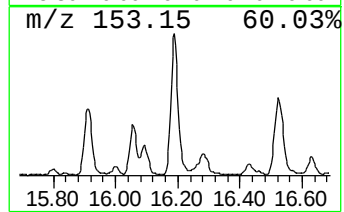
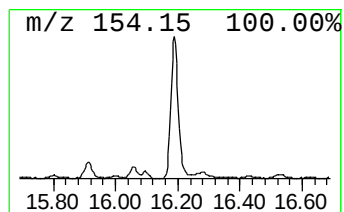
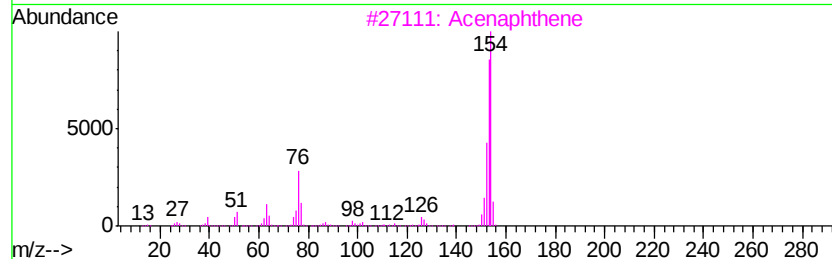
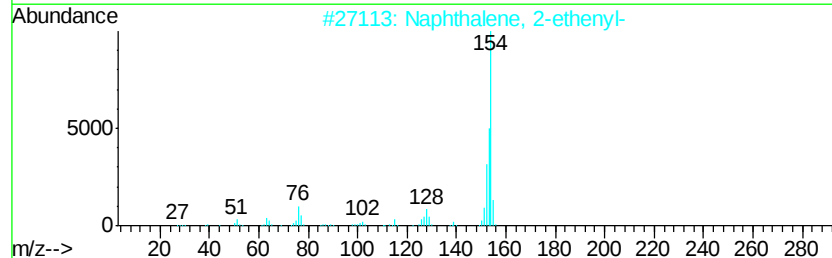
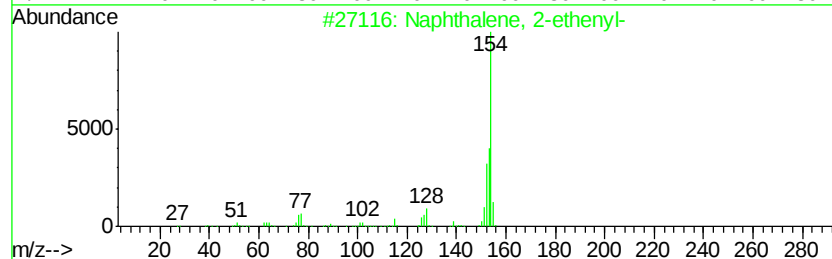
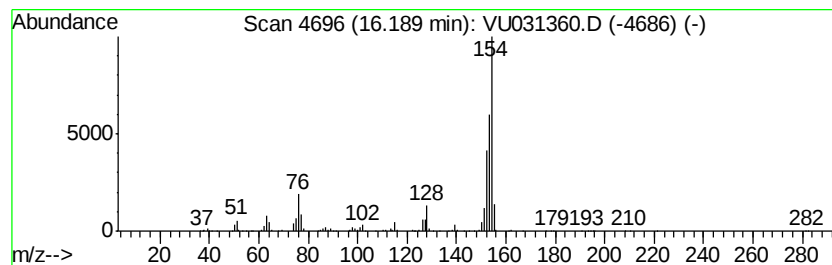
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Quant Title : VOC Analysis

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	14.31 ug/L	475606	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	95
2		Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	94
3		Acenaphthene	154	C12H10	000083-32-9	94
4		Biphenyl	154	C12H10	000092-52-4	90
5		Acenaphthene	154	C12H10	000083-32-9	76



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031360.D
Acq On : 19 Apr 2019 15:38
Operator : JC/SP
Sample : K2403-20ME
Misc : 6.58g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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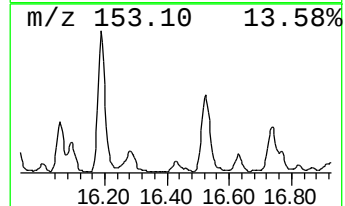
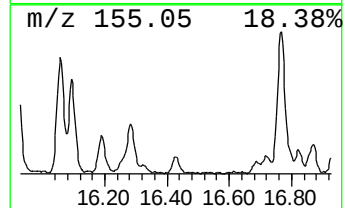
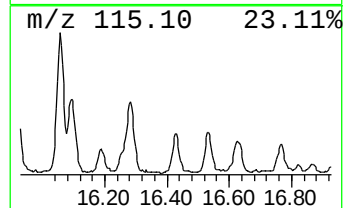
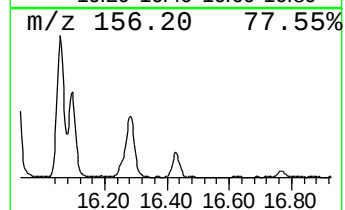
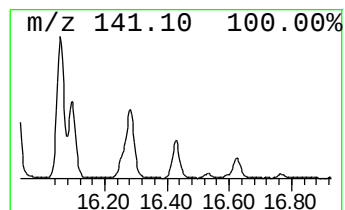
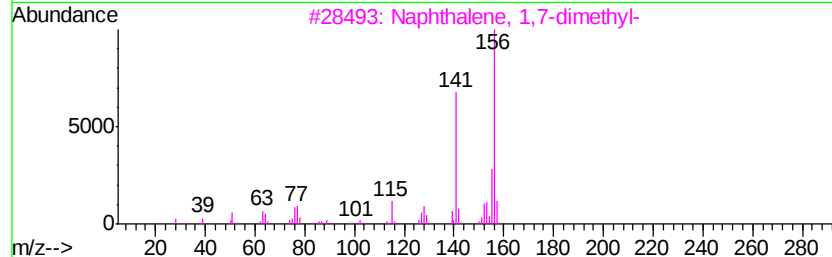
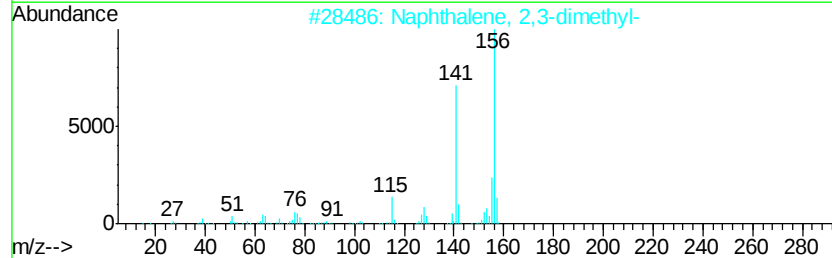
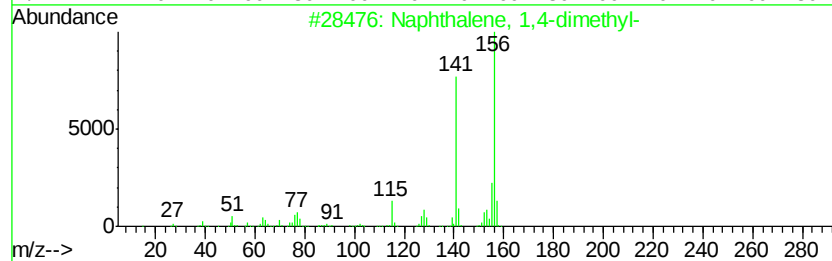
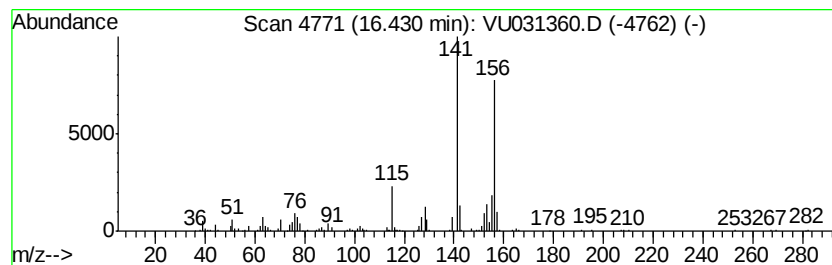
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Quant Title : VOC Analysis

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

Peak Number 10 Naphthalene, 1,4-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	5.19 ug/L	172575	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, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031360.D
Acq On : 19 Apr 2019 15:38
Operator : JC/SP
Sample : K2403-20ME
Misc : 6.58g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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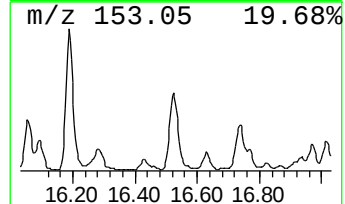
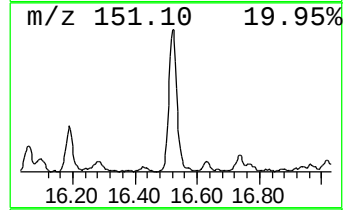
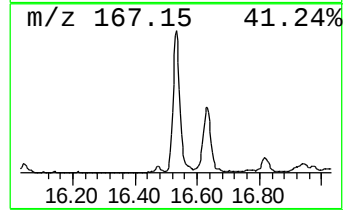
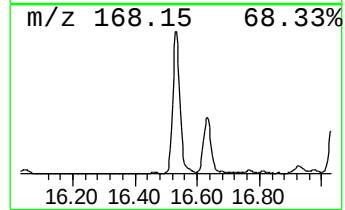
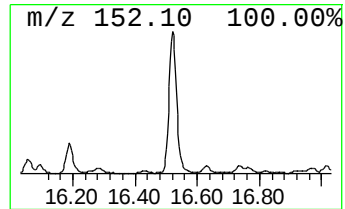
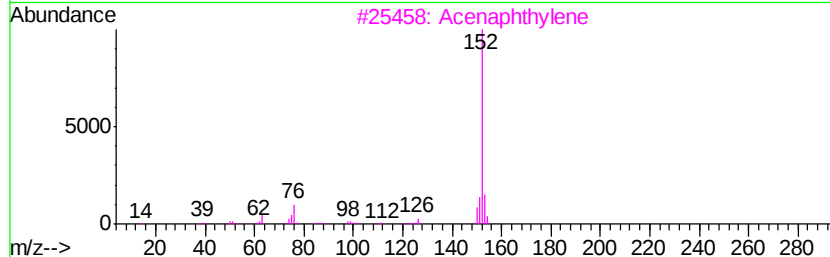
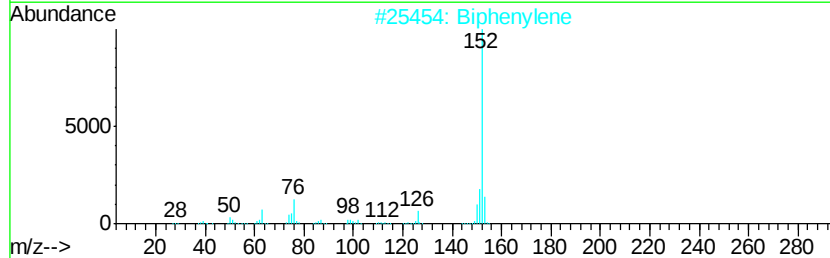
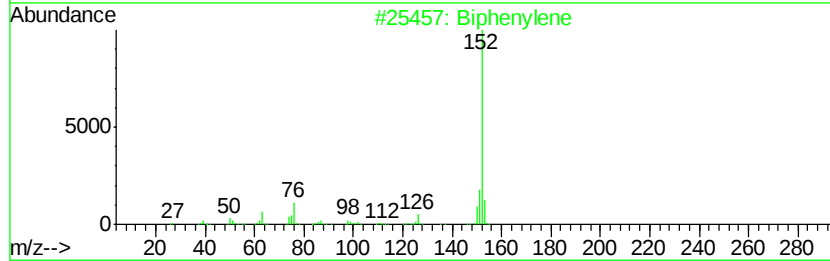
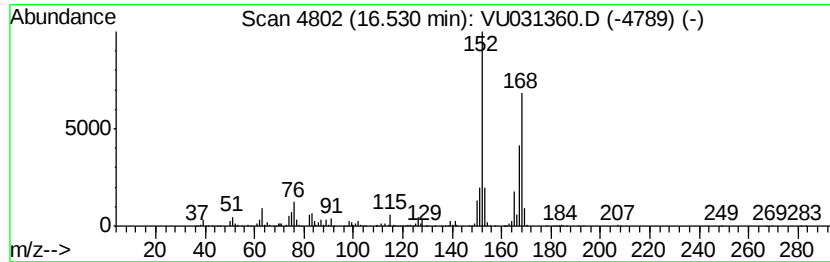
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Quant Title : VOC Analysis

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

Peak Number 11 Biphenylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.53	30.23 ug/L	1004810	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Biphenylene	152	C12H8	000259-79-0	78
2		Biphenylene	152	C12H8	000259-79-0	60
3		Acenaphthylene	152	C12H8	000208-96-8	60
4		Acenaphthylene	152	C12H8	000208-96-8	50
5		Pyridine, 3-trimethylsiloxy-	167	C8H13NOSi	041571-88-4	47



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031360.D
Acq On : 19 Apr 2019 15:38
Operator : JC/SP
Sample : K2403-20ME
Misc : 6.58g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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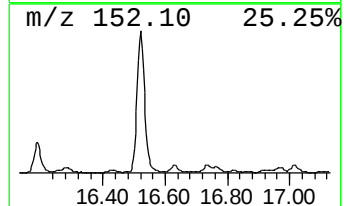
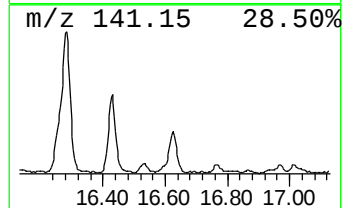
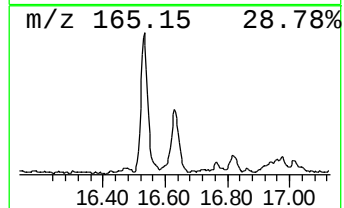
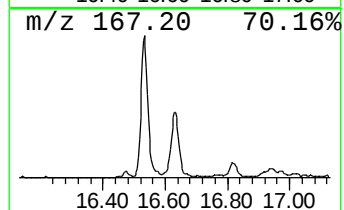
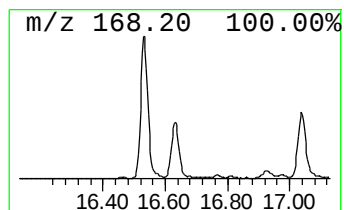
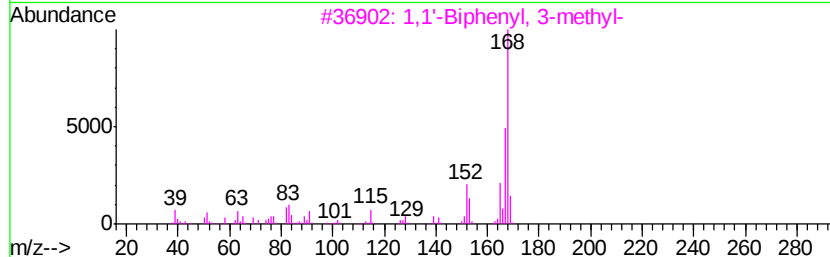
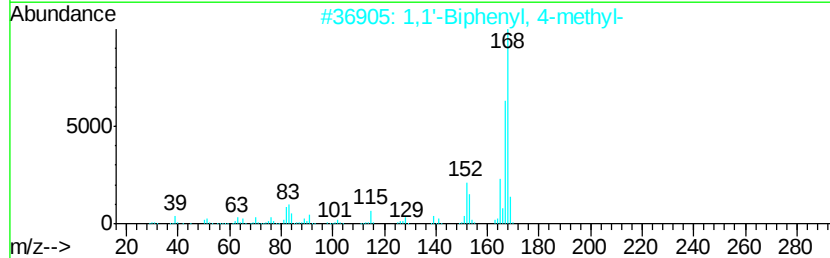
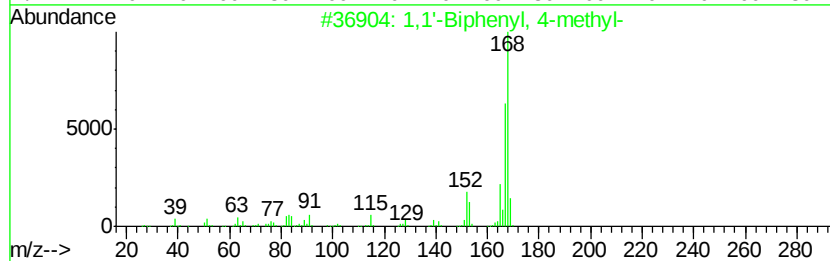
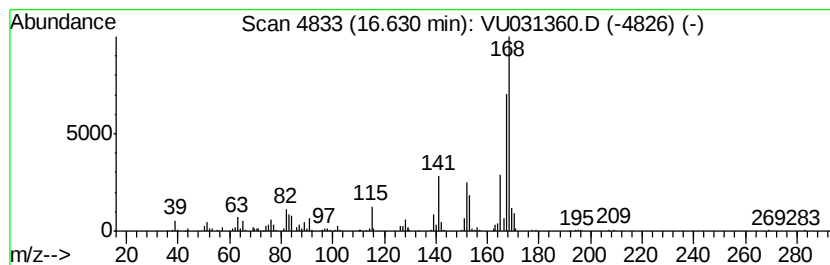
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Quant Title : VOC Analysis

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

Peak Number 12 1,1'-Biphenyl, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	7.57 ug/L	251553	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	93
2		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	81
3		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	76
4		Diphenylmethane	168	C13H12	000101-81-5	72
5		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	72



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031360.D
Acq On : 19 Apr 2019 15:38
Operator : JC/SP
Sample : K2403-20ME
Misc : 6.58g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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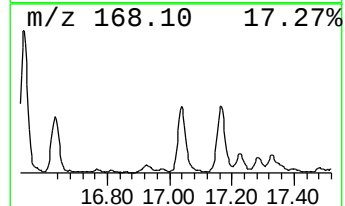
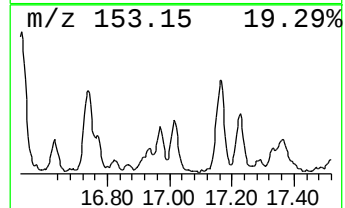
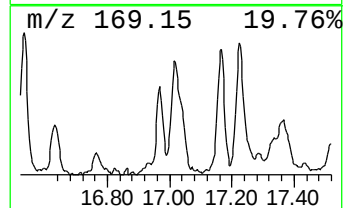
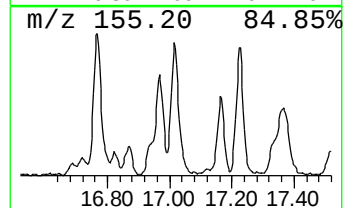
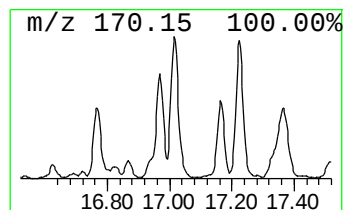
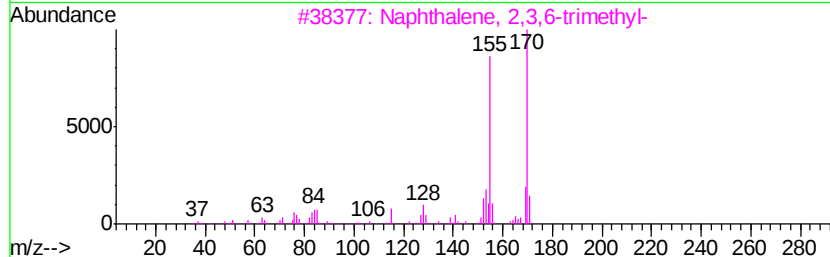
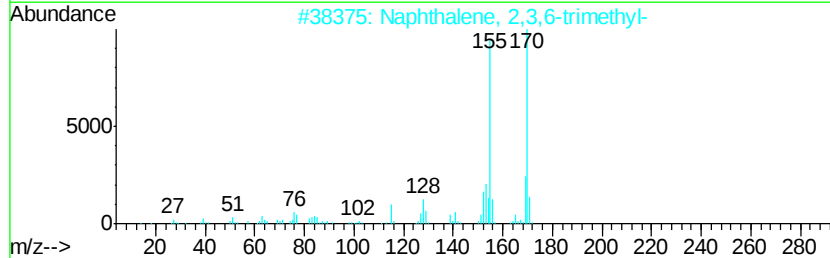
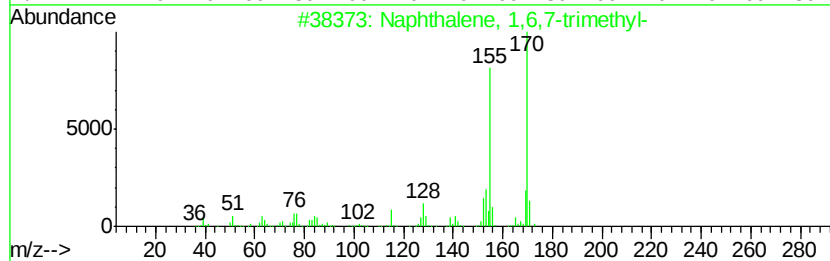
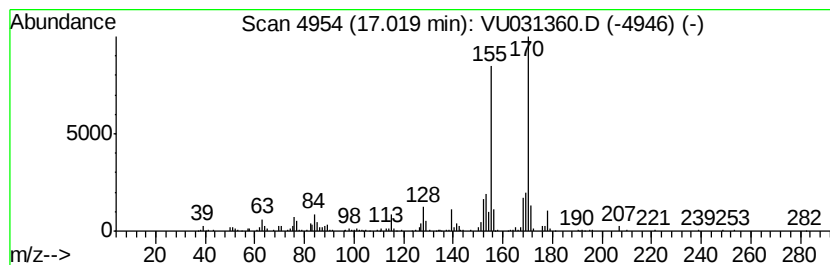
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Quant Title : VOC Analysis

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

Peak Number 13 Naphthalene, 1,6,7-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.02	14.94 ug/L	496547	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	97
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
5		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031360.D
Acq On : 19 Apr 2019 15:38
Operator : JC/SP
Sample : K2403-20ME
Misc : 6.58g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A5132ME

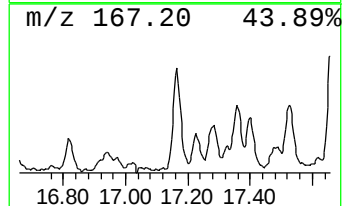
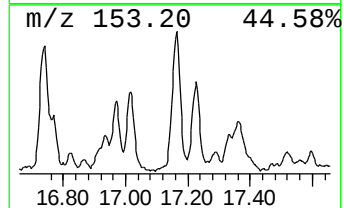
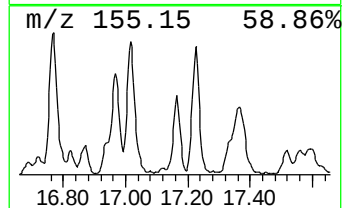
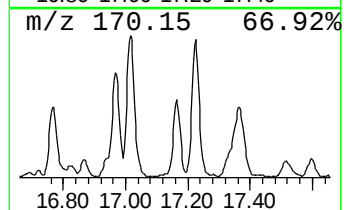
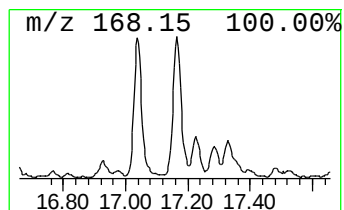
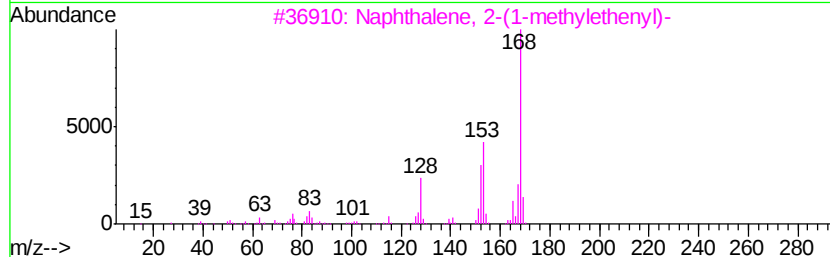
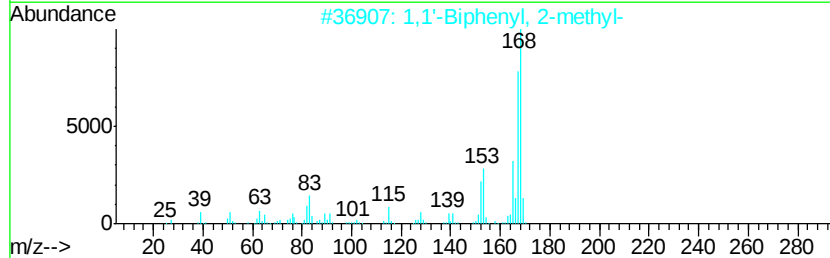
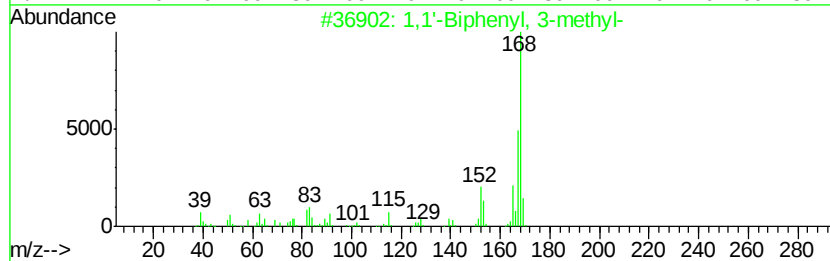
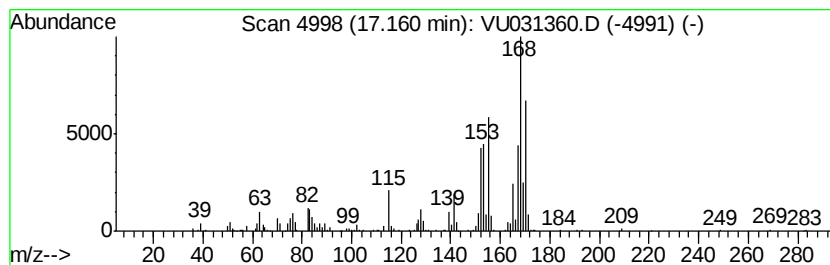
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Quant Title : VOC Analysis

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

Peak Number 14 1,1'-Biphenyl, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.16	10.79 ug/L	358753	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	64
2		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	43
3		Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	43
4		Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	38
5		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	38



Data Path : Z:\voasrv\HPCHEM1\MSVOA U\Data\VU042019\
Data File : VU031360.D
Acq On : 19 Apr 2019 15:38
Operator : JC/SP
Sample : K2403-20ME
Misc : 6.58g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A5132ME

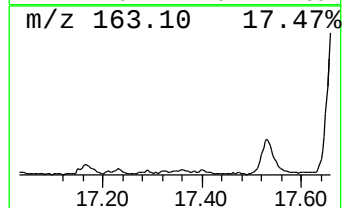
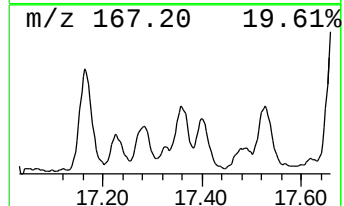
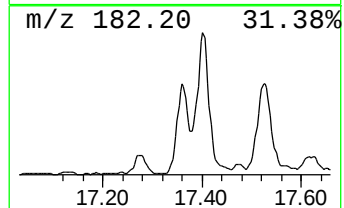
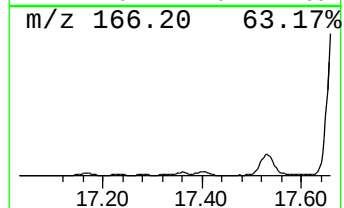
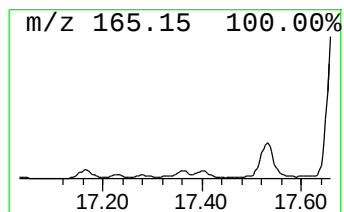
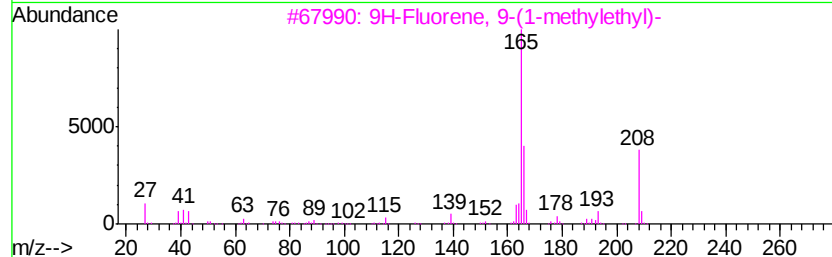
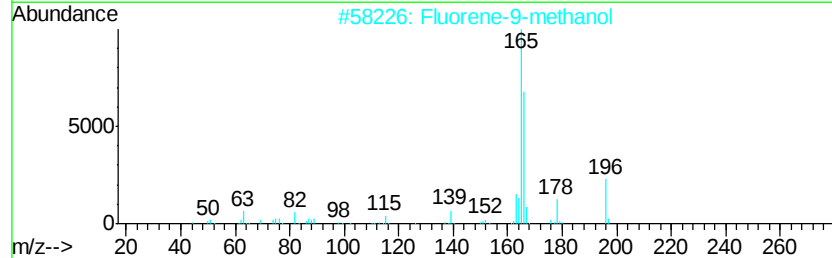
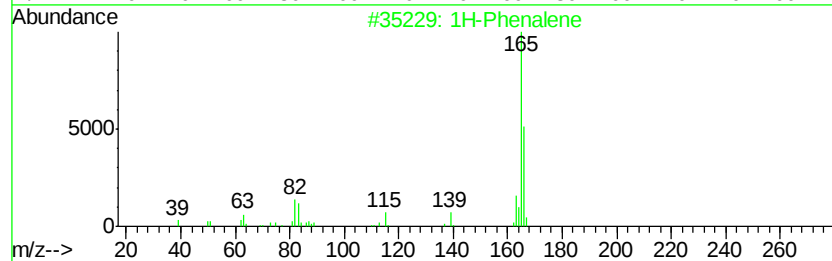
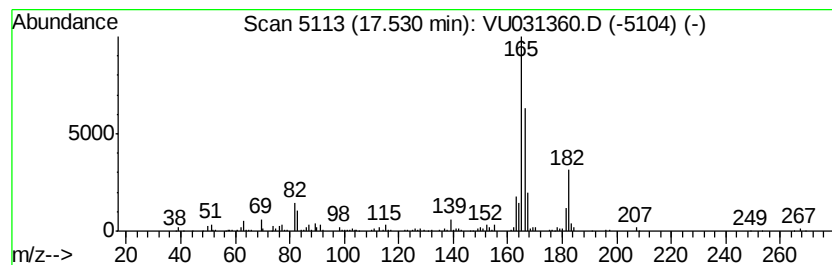
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Quant Title : VOC Analysis

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

Peak Number 16 1H-Phenalene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.53	8.49 ug/L	282220	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Phenalene	166	C13H10	000203-80-5	64
2		Fluorene-9-methanol	196	C14H12O	024324-17-2	53
3		9H-Fluorene, 9-(1-methylethyl)-	208	C16H16	003299-99-8	47
4		Fluorene	166	C13H10	000086-73-7	46
5		Benzene, 1,1'-(diazomethylene)bis-	194	C13H10N2	000883-40-9	45



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042019\
 Data File : VU031360.D
 Acq On : 19 Apr 2019 15:38
 Operator : JC/SP
 Sample : K2403-20ME
 Misc : 6.58g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A5132ME

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
 Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	7.23	15.3	ug/L	468931	1	5.88	1535910	50.0
Naphthalene, 1-me...	14.87	43.9	ug/L	1458930	3	11.48	1661920	50.0
Naphthalene, 1-et...	15.80	3.9	ug/L	129412	3	11.48	1661920	50.0
Naphthalene, 2,6-...	15.91	36.7	ug/L	1219430	3	11.48	1661920	50.0
Naphthalene, 2,3-...	16.06	24.3	ug/L	807107	3	11.48	1661920	50.0
Naphthalene, 2-et...	16.19	14.3	ug/L	475606	3	11.48	1661920	50.0
Naphthalene, 1,4-...	16.43	5.2	ug/L	172575	3	11.48	1661920	50.0
Biphenylene	16.53	30.2	ug/L	1004810	3	11.48	1661920	50.0
1,1'-Biphenyl, 4-...	16.63	7.6	ug/L	251553	3	11.48	1661920	50.0
Naphthalene, 1,6,...	17.02	14.9	ug/L	496547	3	11.48	1661920	50.0
1,1'-Biphenyl, 3-...	17.16	10.8	ug/L	358753	3	11.48	1661920	50.0
1H-Phenalene	17.53	8.5	ug/L	282220	3	11.48	1661920	50.0