

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042019\
 Data File : VU031375.D
 Acq On : 19 Apr 2019 21:27
 Operator : JC/SP
 Sample : K2455-12
 Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAHR2

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	37	rVB2	14603	15202	0.81%	0.062%
2	1.395	88	95	113	rBV	180084	256853	13.71%	1.051%
3	1.678	176	183	197	rBV	129960	242505	12.95%	0.992%
4	2.244	349	359	390	rVB	427956	720573	38.47%	2.949%
5	2.537	447	450	453	rBV4	914	589	0.03%	0.002%
6	2.685	488	496	500	rBV6	5698	8003	0.43%	0.033%
7	2.990	588	591	597	rVB4	657	683	0.04%	0.003%
8	3.019	597	600	603	rBV2	683	583	0.03%	0.002%
9	3.035	603	605	612	rVB5	831	761	0.04%	0.003%
10	3.067	612	615	620	rBV2	819	706	0.04%	0.003%
11	3.096	620	624	625	rBV2	705	549	0.03%	0.002%
12	3.151	637	641	648	rBV5	659	691	0.04%	0.003%
13	3.238	661	668	671	rVB3	607	569	0.03%	0.002%
14	3.286	680	683	686	rVV2	969	622	0.03%	0.003%
15	3.360	704	706	711	rVB4	835	728	0.04%	0.003%
16	3.389	711	715	718	rBV3	612	560	0.03%	0.002%
17	3.508	746	752	754	rBV4	641	568	0.03%	0.002%
18	3.665	797	801	804	rVB2	895	632	0.03%	0.003%
19	3.762	828	831	836	rBV2	764	762	0.04%	0.003%
20	3.845	852	857	860	rBV4	856	797	0.04%	0.003%
21	4.022	906	912	914	rBV3	676	760	0.04%	0.003%
22	4.048	916	920	925	rBV5	649	544	0.03%	0.002%
23	4.209	956	970	1030	rBV	105035	531835	28.39%	2.176%
24	4.643	1088	1105	1137	rBV	266208	702192	37.49%	2.874%
25	4.890	1180	1182	1185	rVB3	1684	1004	0.05%	0.004%
26	4.993	1210	1214	1216	rVV3	746	551	0.03%	0.002%
27	5.061	1232	1235	1240	rVB3	870	681	0.04%	0.003%
28	5.331	1293	1319	1349	rBV3	637869	1873057	100.00%	7.665%
29	5.627	1403	1411	1416	rBV8	1908	3257	0.17%	0.013%
30	5.881	1476	1490	1517	rBV	609852	1403598	74.94%	5.744%
31	6.161	1570	1577	1578	rBV3	4895	3744	0.20%	0.015%
32	6.254	1598	1606	1612	rBV8	2938	5216	0.28%	0.021%
33	6.328	1614	1629	1660	rVV	369299	847850	45.27%	3.470%
34	6.543	1694	1696	1702	rBV3	1438	950	0.05%	0.004%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U042019\
 Data File : VU031375.D
 Acq On : 19 Apr 2019 21:27
 Operator : JC/SP
 Sample : K2455-12
 Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAHR2

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

35	6.652	1727	1730	1734	rBV3	716	667	0.04%	0.003%
36	6.749	1757	1760	1763	rVV4	1046	820	0.04%	0.003%
37	6.845	1785	1790	1792	rBV	791	563	0.03%	0.002%
38	6.894	1800	1805	1807	rBV3	1953	1105	0.06%	0.005%
39	6.913	1807	1811	1813	rBV3	1314	1094	0.06%	0.004%
40	7.019	1837	1844	1846	rVB4	959	1099	0.06%	0.004%
41	7.038	1846	1850	1854	rBV3	1275	978	0.05%	0.004%
42	7.061	1854	1857	1861	rBV3	891	778	0.04%	0.003%
43	7.125	1874	1877	1882	rVB4	1247	814	0.04%	0.003%
44	7.157	1882	1887	1891	rVB4	844	921	0.05%	0.004%
45	7.183	1891	1895	1896	rBV2	940	570	0.03%	0.002%
46	7.228	1896	1909	1939	rBV	201577	448861	23.96%	1.837%
47	7.562	1997	2013	2040	rBV	790571	1560762	83.33%	6.387%
48	7.739	2066	2068	2075	rVB7	2034	1704	0.09%	0.007%
49	7.852	2091	2103	2129	rBV2	126758	295771	15.79%	1.210%
50	8.013	2151	2153	2156	rBV3	1524	801	0.04%	0.003%
51	8.109	2181	2183	2188	rVB3	1379	897	0.05%	0.004%
52	8.250	2222	2227	2229	rBV4	1032	878	0.05%	0.004%
53	8.341	2240	2255	2281	rBV2	425509	1157178	61.78%	4.736%
54	8.540	2314	2317	2319	rBV2	1204	794	0.04%	0.003%
55	8.578	2326	2329	2333	rVB4	2088	1304	0.07%	0.005%
56	8.781	2390	2392	2397	rVB5	1303	759	0.04%	0.003%
57	8.803	2397	2399	2404	rBV3	1201	739	0.04%	0.003%
58	8.832	2404	2408	2409	rBV3	746	560	0.03%	0.002%
59	8.964	2447	2449	2452	rBV3	1025	646	0.03%	0.003%
60	9.093	2472	2489	2510	rBV	952666	1833775	97.90%	7.505%
61	9.376	2574	2577	2579	rBV3	1505	870	0.05%	0.004%
62	9.517	2617	2621	2624	rBV4	1427	1218	0.07%	0.005%
63	9.694	2672	2676	2678	rBV3	1268	895	0.05%	0.004%
64	9.755	2692	2695	2699	rVB3	1473	1111	0.06%	0.005%
65	9.791	2699	2706	2713	rBV7	2276	3851	0.21%	0.016%
66	9.861	2724	2728	2733	rBV5	1551	1709	0.09%	0.007%
67	9.884	2733	2735	2741	rBV5	1014	1106	0.06%	0.005%
68	9.951	2752	2756	2758	rBV3	932	732	0.04%	0.003%
69	10.009	2770	2774	2779	rBV6	1928	2059	0.11%	0.008%
70	10.077	2792	2795	2799	rBV5	884	913	0.05%	0.004%
71	10.311	2865	2868	2872	rBV5	1248	1093	0.06%	0.004%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042019\
 Data File : VU031375.D
 Acq On : 19 Apr 2019 21:27
 Operator : JC/SP
 Sample : K2455-12
 Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAHR2

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

72	10.363	2882	2884	2888	rVB2	1562	811	0.04%	0.003%
73	10.437	2894	2907	2926	rBV	570083	947227	50.57%	3.876%
74	10.630	2964	2967	2969	rBV3	1361	950	0.05%	0.004%
75	10.717	2990	2994	2997	rBV5	1772	1545	0.08%	0.006%
76	10.765	3005	3009	3011	rBV5	1832	1758	0.09%	0.007%
77	11.218	3147	3150	3152	rBV4	2308	1818	0.10%	0.007%
78	11.385	3199	3202	3203	rBV3	1232	842	0.04%	0.003%
79	11.434	3215	3217	3219	rBV2	1133	621	0.03%	0.003%
80	11.485	3220	3233	3257	rVV	1002075	1608679	85.89%	6.583%
81	11.861	3337	3350	3373	rBV	838595	1399359	74.71%	5.727%
82	13.025	3708	3712	3714	rBV6	1714	1274	0.07%	0.005%
83	13.041	3714	3717	3718	rBV3	1463	893	0.05%	0.004%
84	13.514	3860	3864	3868	rBV7	2720	2534	0.14%	0.010%
85	13.742	3925	3935	3965	rVB	256166	482676	25.77%	1.975%
86	14.144	4053	4060	4064	rBV9	5020	7840	0.42%	0.032%
87	14.874	4276	4287	4307	rBV	874266	1518901	81.09%	6.216%
88	15.060	4335	4345	4363	rVB	419517	703765	37.57%	2.880%
89	15.607	4506	4515	4527	rBV	172266	272190	14.53%	1.114%
90	15.797	4567	4574	4582	rBV	116481	169565	9.05%	0.694%
91	15.909	4598	4609	4625	rBV	802596	1391842	74.31%	5.696%
92	16.057	4644	4655	4661	rBV	612007	960049	51.26%	3.929%
93	16.189	4687	4696	4708	rBV2	216339	360757	19.26%	1.476%
94	16.282	4711	4725	4748	rVB2	230740	539574	28.81%	2.208%
95	16.430	4762	4771	4780	rBV	107806	186661	9.97%	0.764%
96	16.527	4791	4801	4820	rVB3	445690	874494	46.69%	3.579%
97	16.630	4826	4833	4846	rVB2	151963	241642	12.90%	0.989%
98	17.163	4992	4999	5010	rBV2	201370	330965	17.67%	1.354%
99	17.224	5012	5018	5028	rVB2	156320	234874	12.54%	0.961%
100	17.527	5105	5112	5124	rVB3	132987	232931	12.44%	0.953%

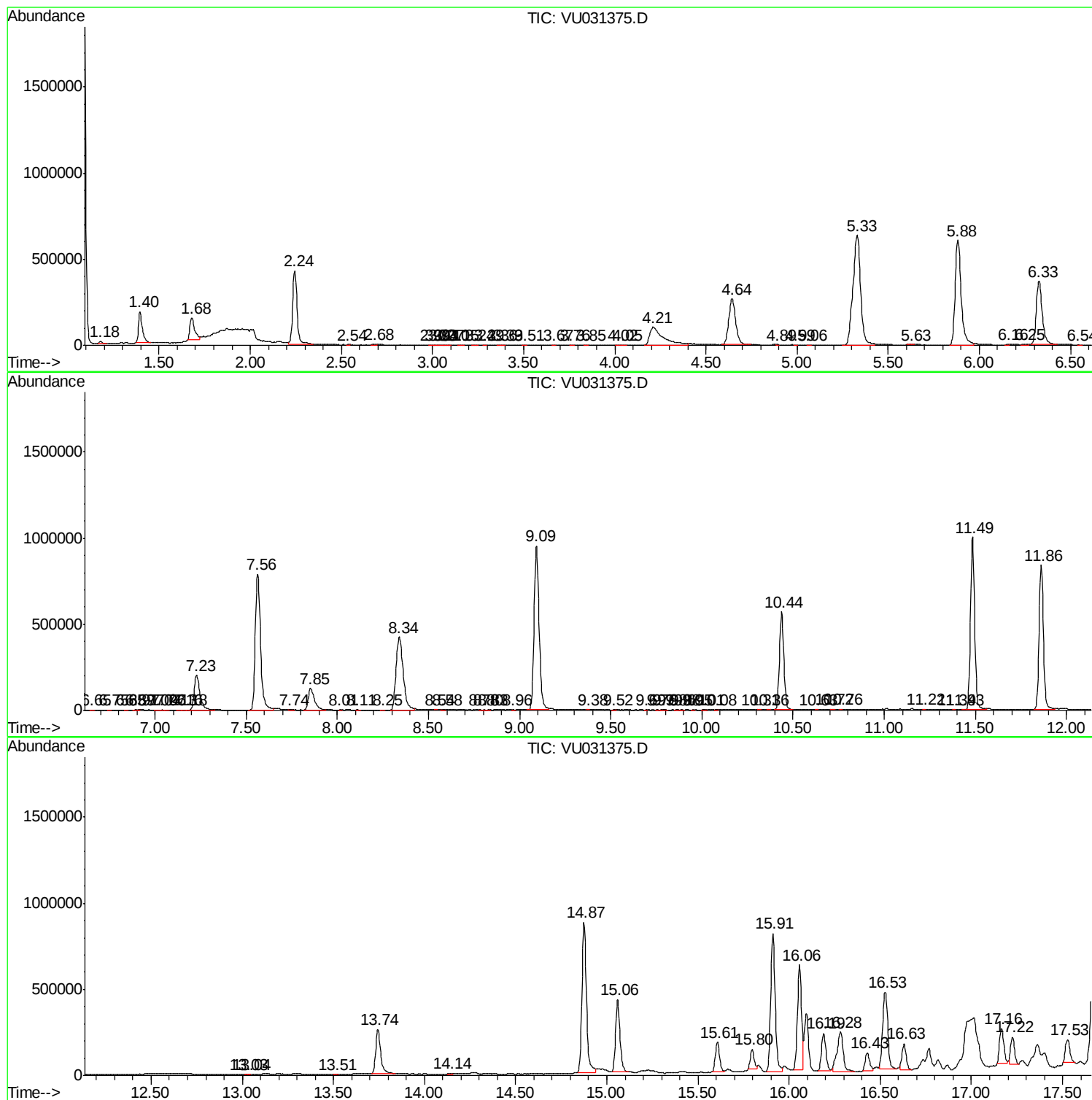
Sum of corrected areas: 24435607

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\
Data File : VU031375.D
Acq On : 19 Apr 2019 21:27
Operator : JC/SP
Sample : K2455-12
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHR2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\
Data File : VU031375.D
Acq On : 19 Apr 2019 21:27
Operator : JC/SP
Sample : K2455-12
Misc : 5.03µL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHR2

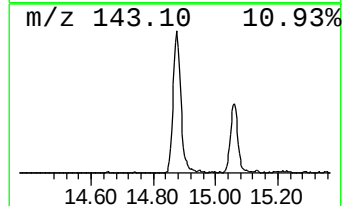
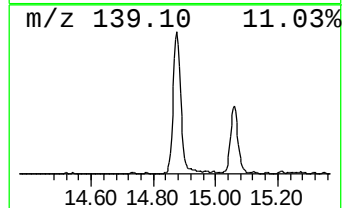
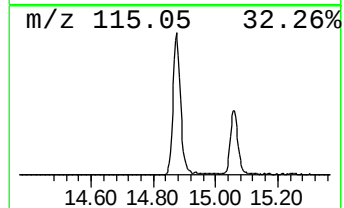
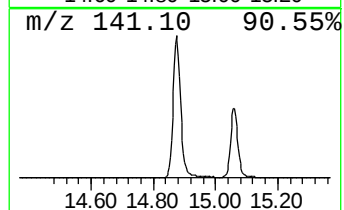
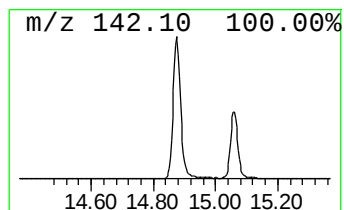
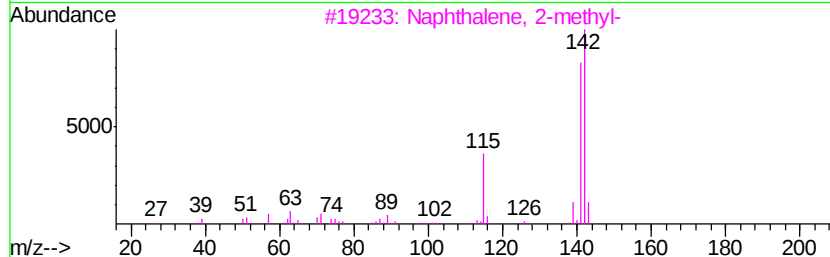
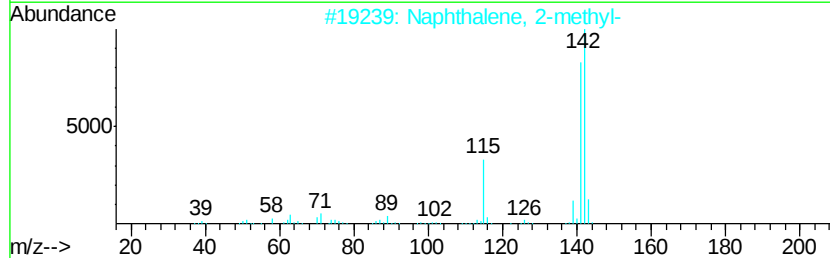
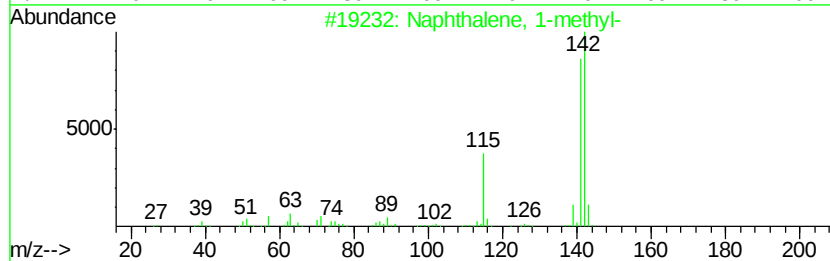
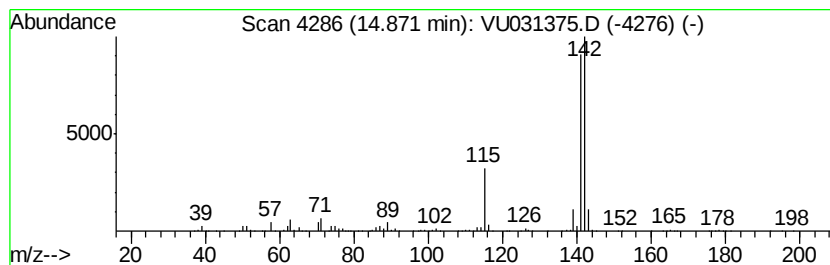
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

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	47.21 ug/L	1518900	1,4-Dichlorobenzene-d4	11.49

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\
Data File : VU031375.D
Acq On : 19 Apr 2019 21:27
Operator : JC/SP
Sample : K2455-12
Misc : 5.03uL/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHR2

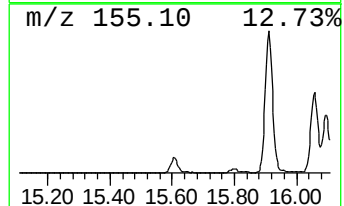
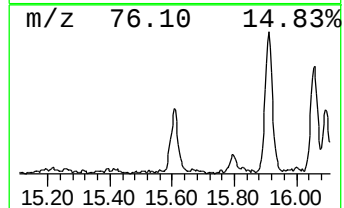
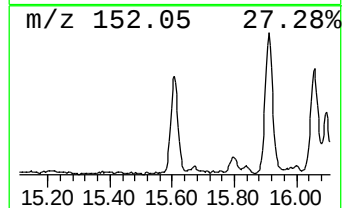
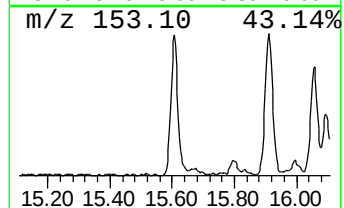
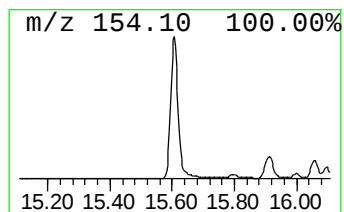
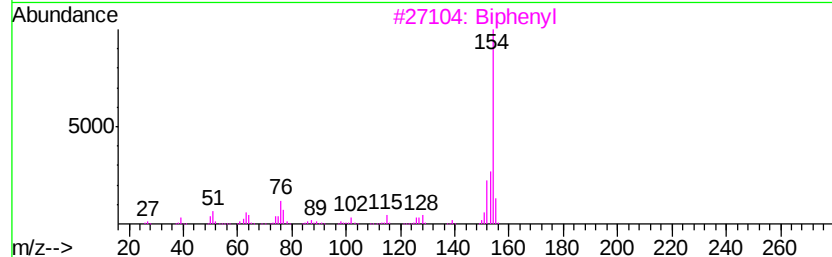
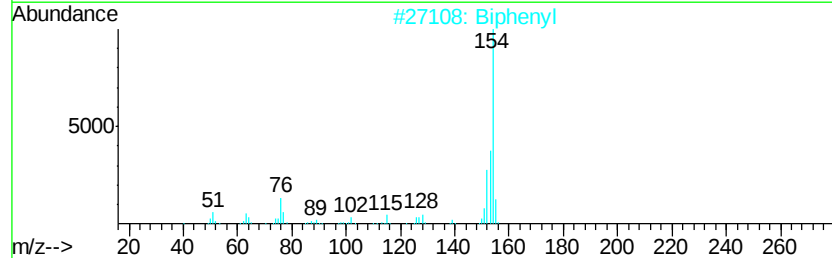
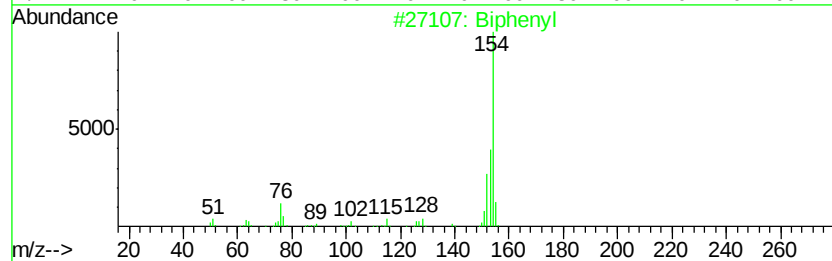
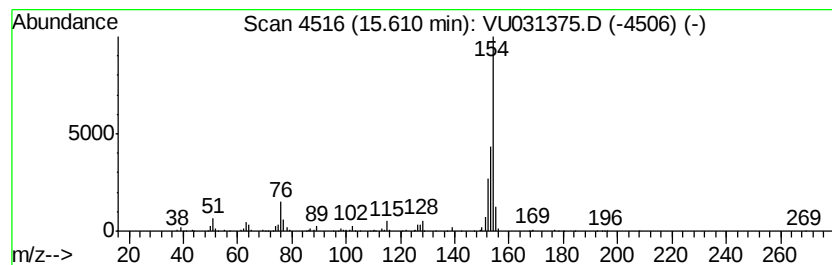
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

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

Peak Number 5 Biphenyl Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	8.46 ug/L	272190	1,4-Dichlorobenzene-d4	11.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Biphenyl		154	C12H10	000092-52-4	95
2	Biphenyl		154	C12H10	000092-52-4	95
3	Biphenyl		154	C12H10	000092-52-4	94
4	Naphthalene, 2-ethenyl-		154	C12H10	000827-54-3	87
5	Biphenyl		154	C12H10	000092-52-4	76



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\
Data File : VU031375.D
Acq On : 19 Apr 2019 21:27
Operator : JC/SP
Sample : K2455-12
Misc : 5.03µL/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

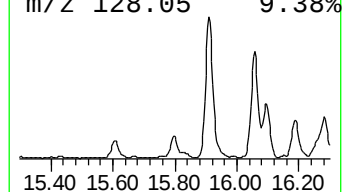
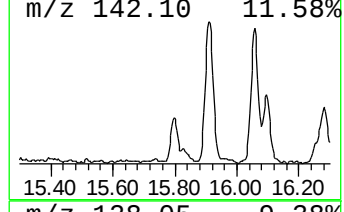
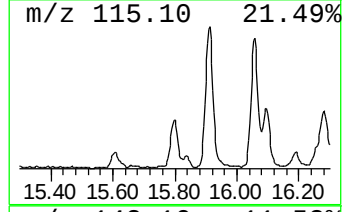
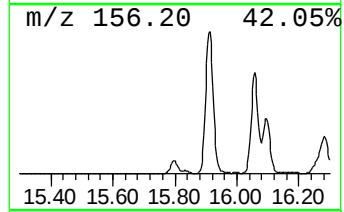
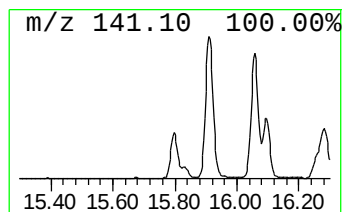
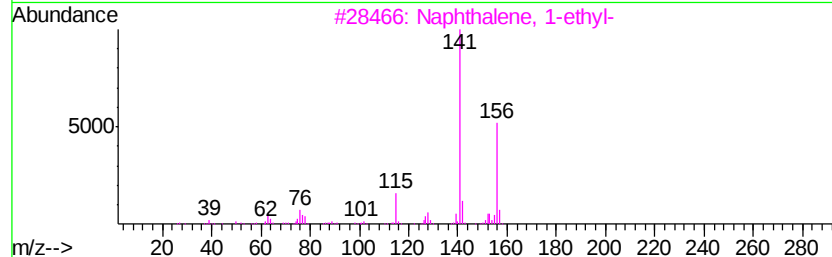
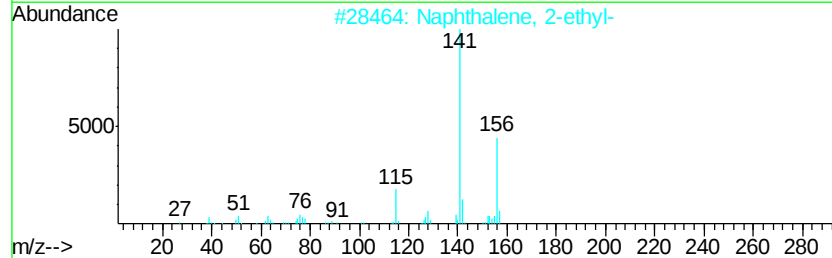
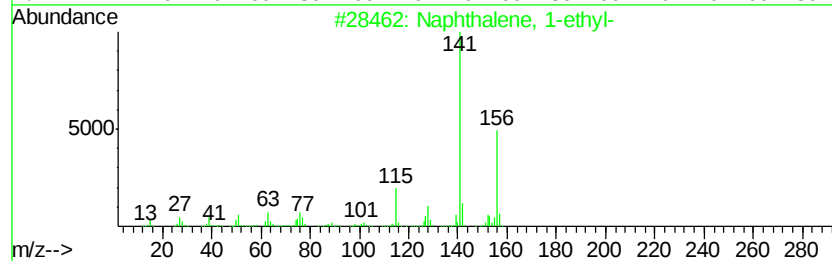
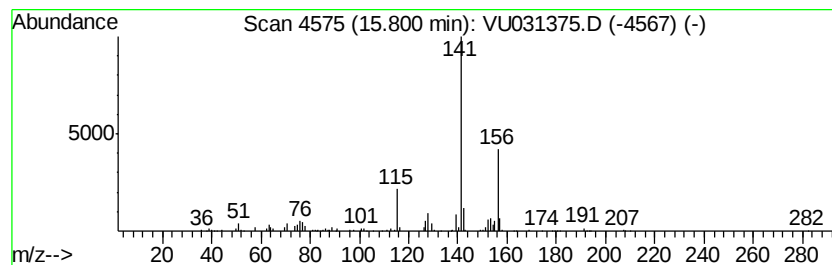
Instrument :
MSVOA_U
ClientSampleId :
GAHR2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
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	5.27 ug/L	169565	1,4-Dichlorobenzene-d4	11.49
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 95
3		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 93
4		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 93
5		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 91



Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042019\
Data File : VU031375.D
Acq On : 19 Apr 2019 21:27
Operator : JC/SP
Sample : K2455-12
Misc : 5.03µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

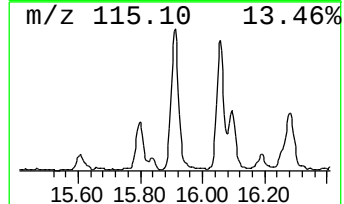
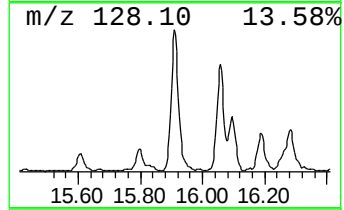
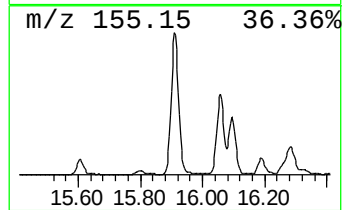
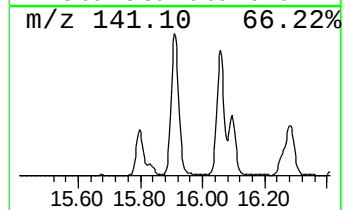
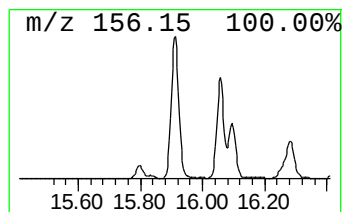
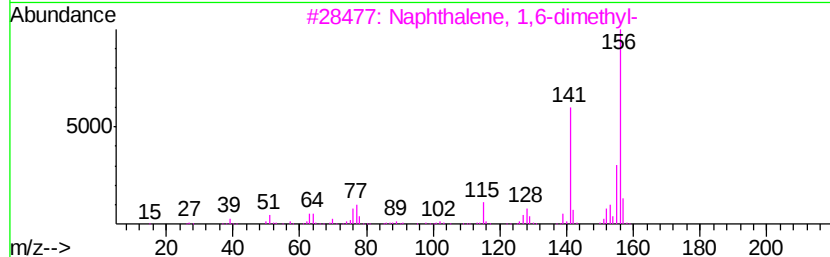
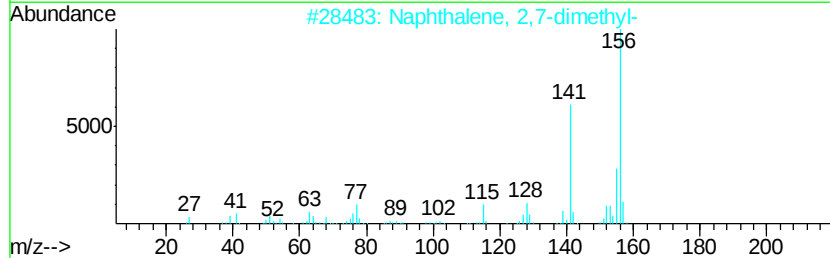
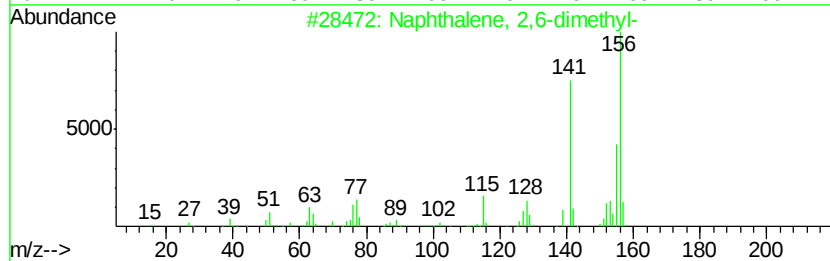
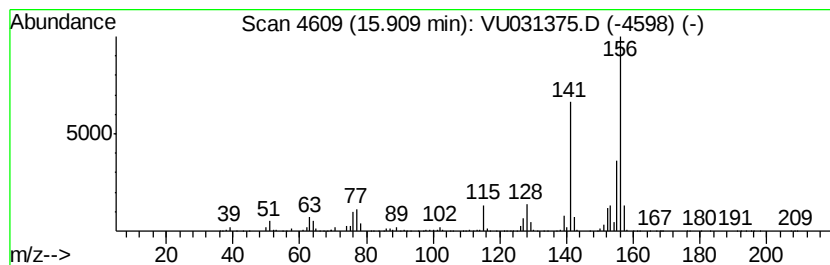
Instrument :
MSVOA_U
ClientSampleId :
GAHR2

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	43.26 ug/L	1391840	1,4-Dichlorobenzene-d4	11.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 98
2		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
3		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
4		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
5		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\
Data File : VU031375.D
Acq On : 19 Apr 2019 21:27
Operator : JC/SP
Sample : K2455-12
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

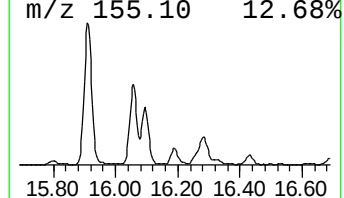
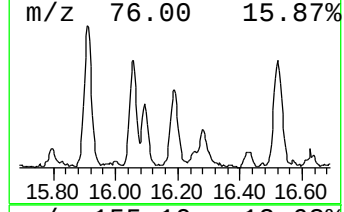
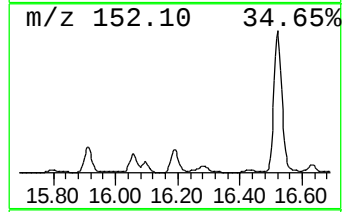
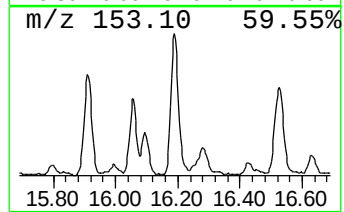
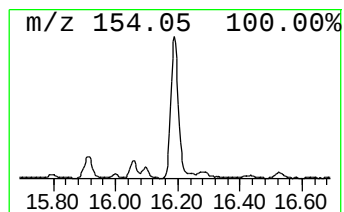
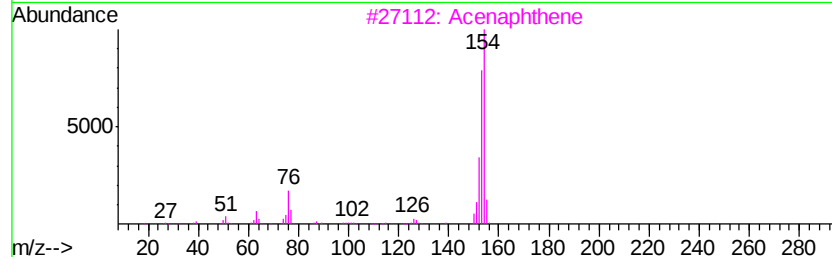
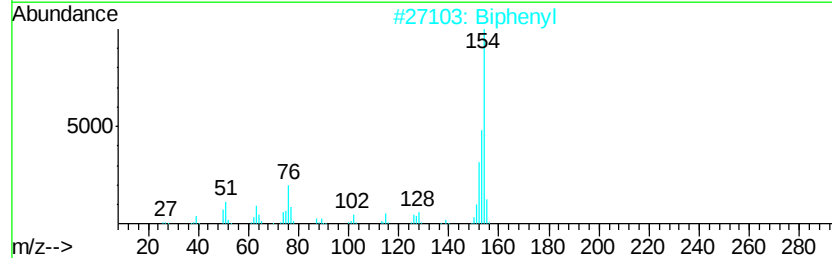
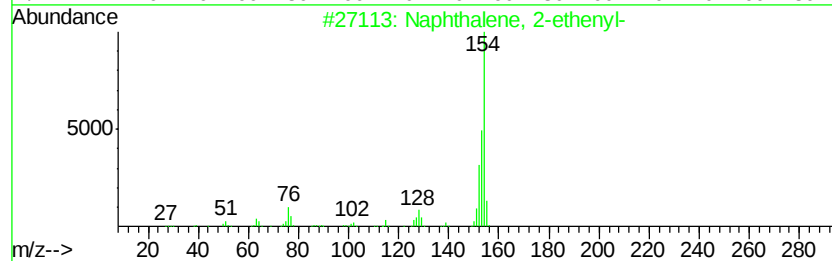
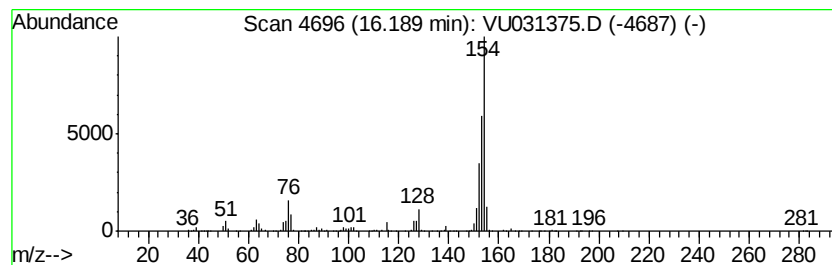
Instrument :
MSVOA_U
ClientSampleId :
GAHR2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
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	11.21 ug/L	360757	1,4-Dichlorobenzene-d4	11.49		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	93
2		Biphenyl	154	C12H10	000092-52-4	90
3		Acenaphthene	154	C12H10	000083-32-9	81
4		Biphenyl	154	C12H10	000092-52-4	81
5		Biphenyl	154	C12H10	000092-52-4	81



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\
Data File : VU031375.D
Acq On : 19 Apr 2019 21:27
Operator : JC/SP
Sample : K2455-12
Misc : 5.03uL/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

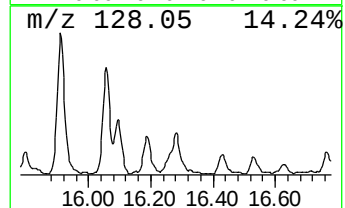
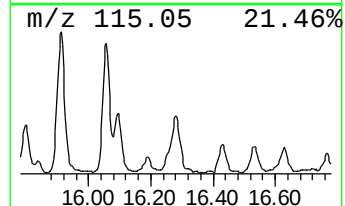
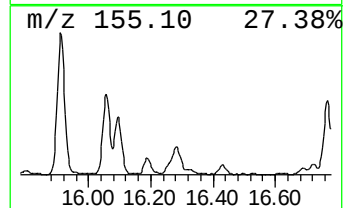
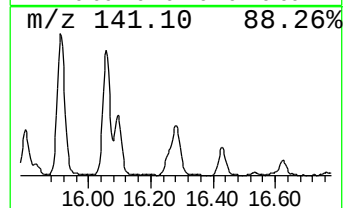
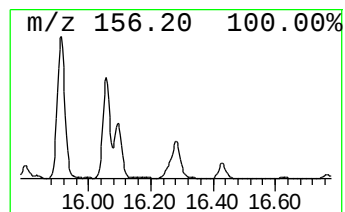
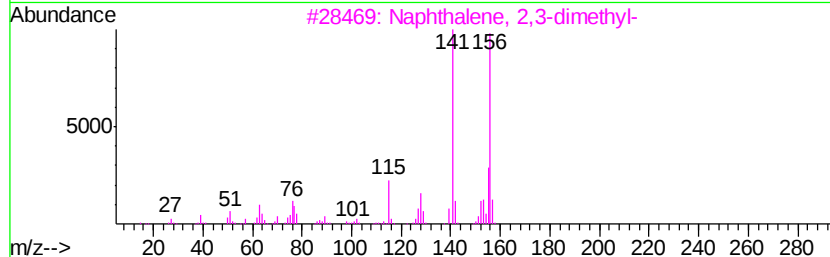
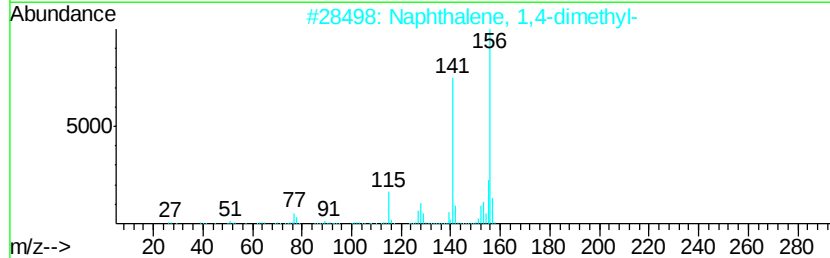
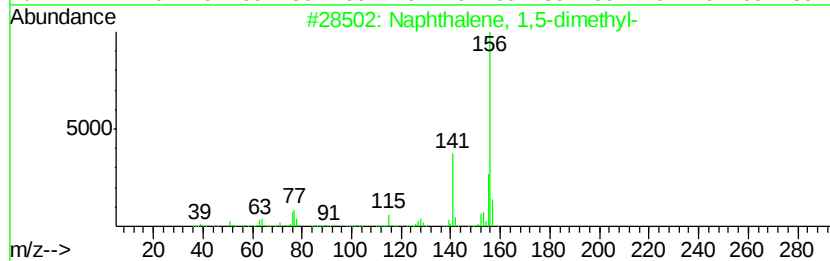
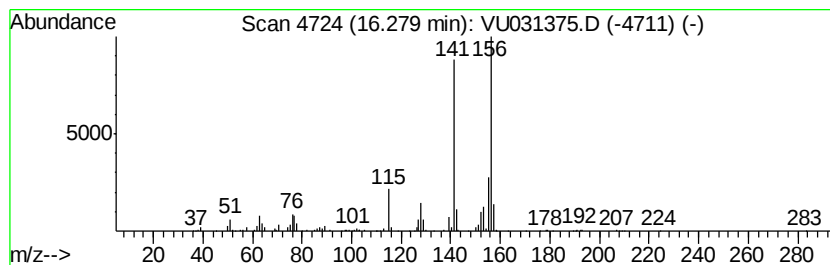
Instrument :
MSVOA_U
ClientSampleId :
GAHR2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

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

Peak Number 10 Naphthalene, 1,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	16.77 ug/L	539574	1,4-Dichlorobenzene-d4	11.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 95
2		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 95
3		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 94
4		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 94
5		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\
Data File : VU031375.D
Acq On : 19 Apr 2019 21:27
Operator : JC/SP
Sample : K2455-12
Misc : 5.03uL/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHR2

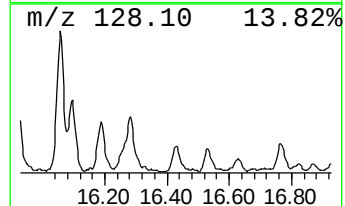
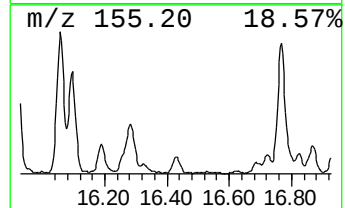
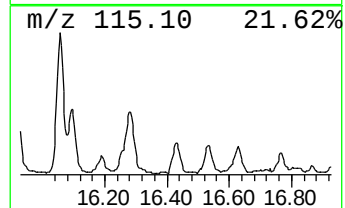
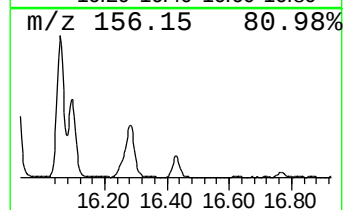
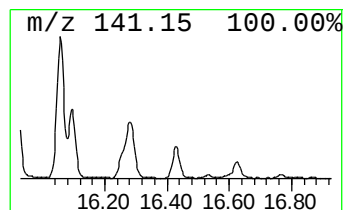
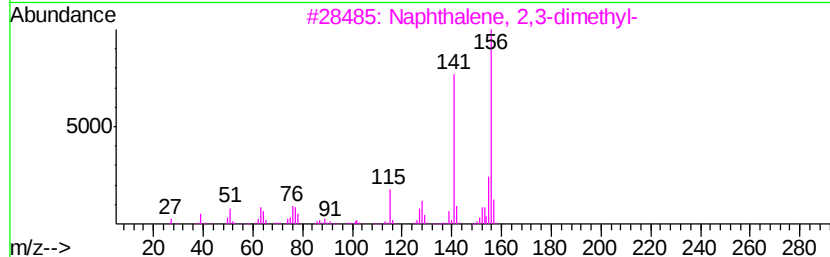
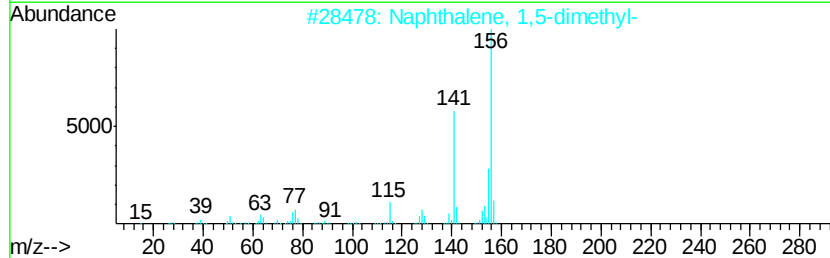
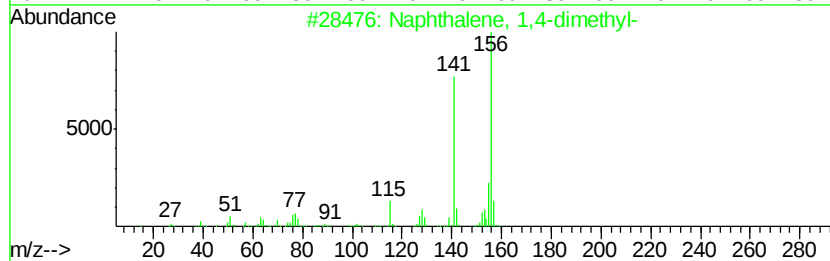
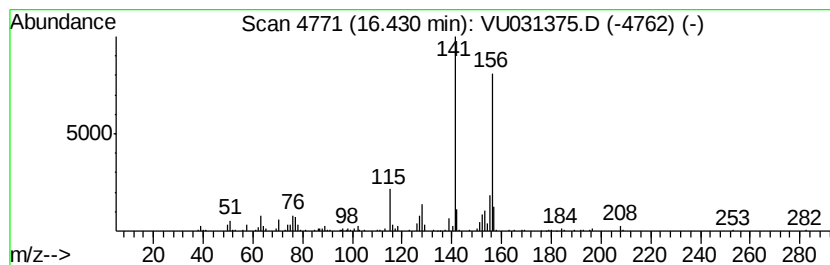
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

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

Peak Number 11 Naphthalene, 1,4-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	5.80 ug/L	186661	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\
Data File : VU031375.D
Acq On : 19 Apr 2019 21:27
Operator : JC/SP
Sample : K2455-12
Misc : 5.03uL/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

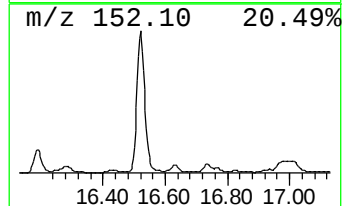
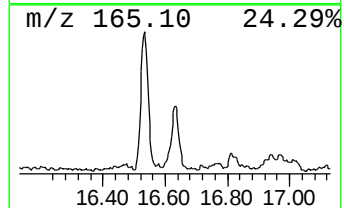
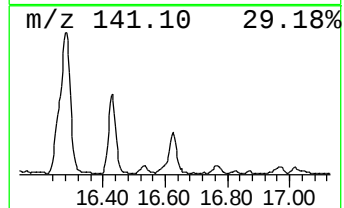
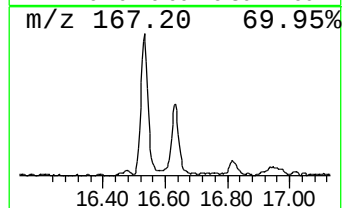
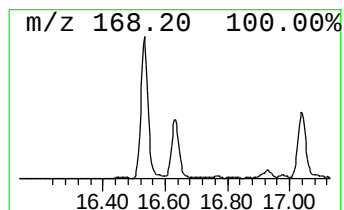
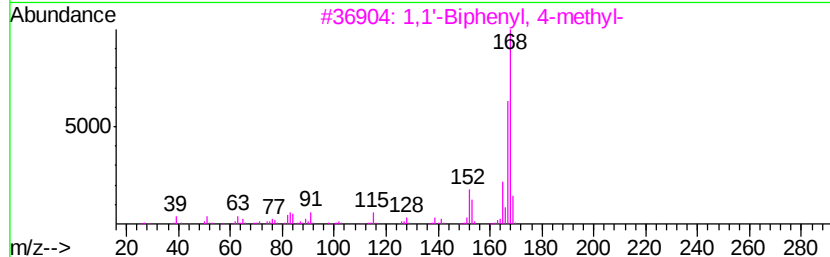
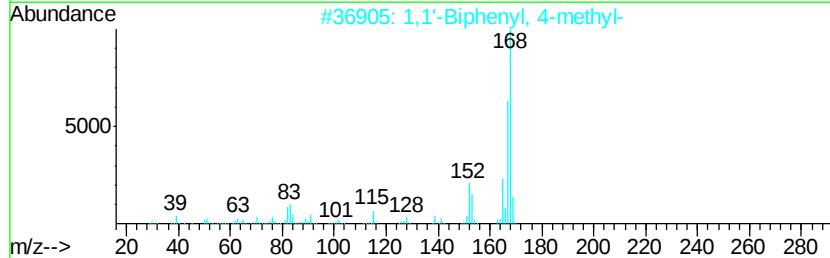
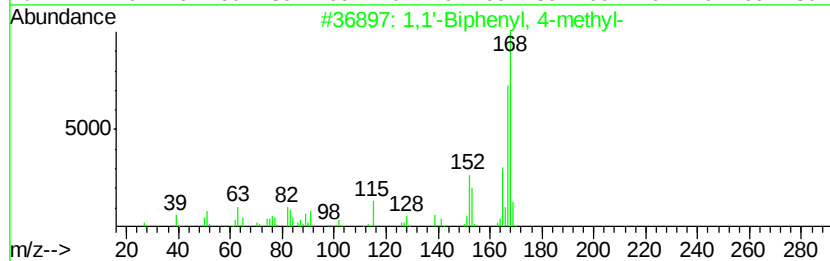
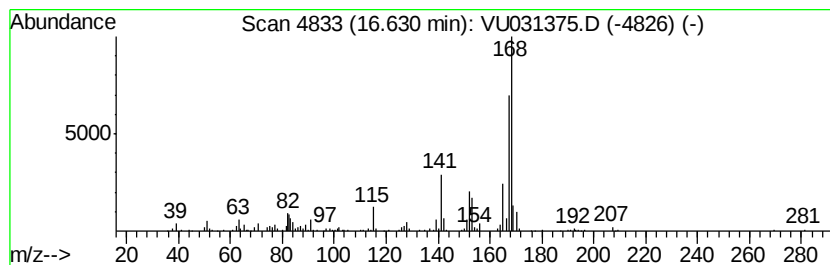
Instrument :
MSVOA_U
ClientSampleId :
GAHR2

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

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

Peak Number 13 1,1'-Biphenyl, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.63	7.51 ug/L	241642	1,4-Dichlorobenzene-d4	11.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	89
2	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	89
3	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	76
4	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	70
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	68



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\
Data File : VU031375.D
Acq On : 19 Apr 2019 21:27
Operator : JC/SP
Sample : K2455-12
Misc : 5.03uL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHR2

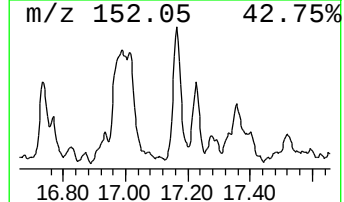
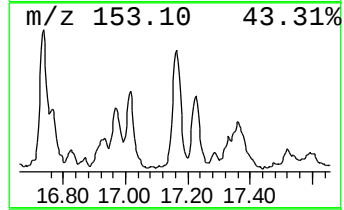
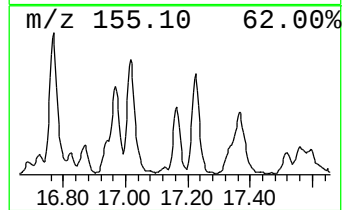
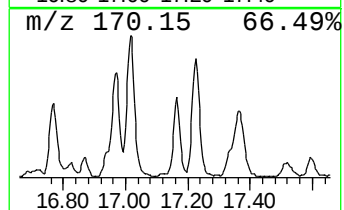
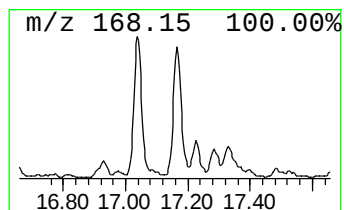
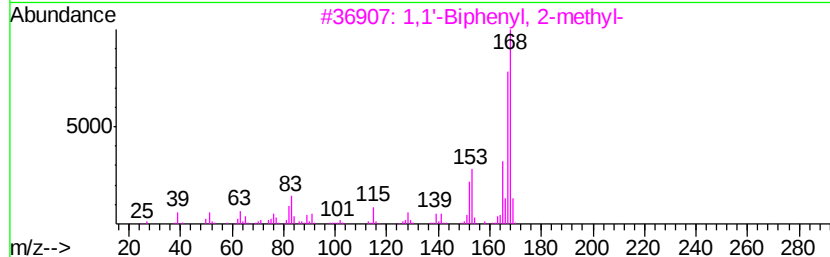
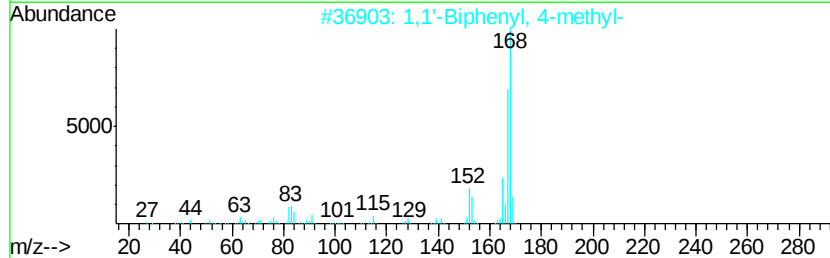
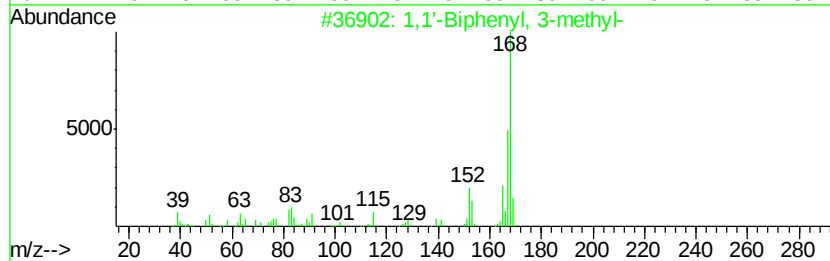
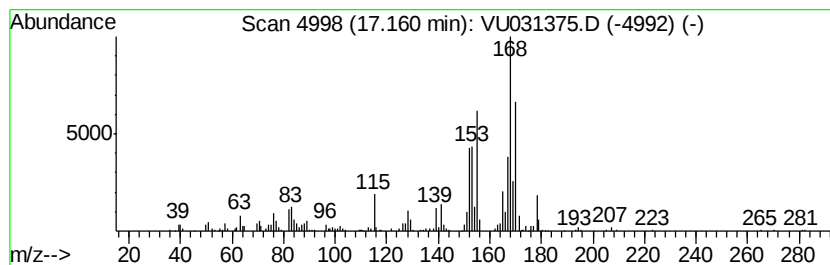
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

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	10.29 ug/L	330965	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	90
2		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	70
3		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	50
4		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	49
5		1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\
Data File : VU031375.D
Acq On : 19 Apr 2019 21:27
Operator : JC/SP
Sample : K2455-12
Misc : 5.03µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHR2

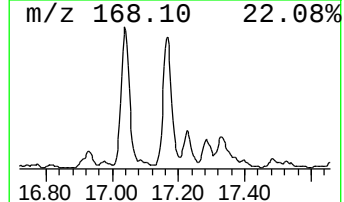
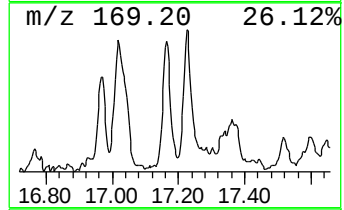
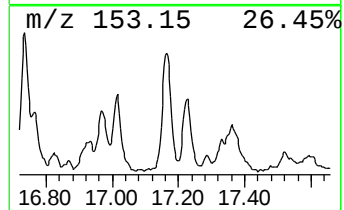
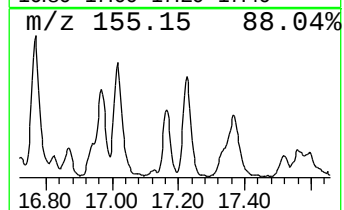
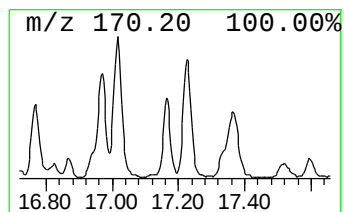
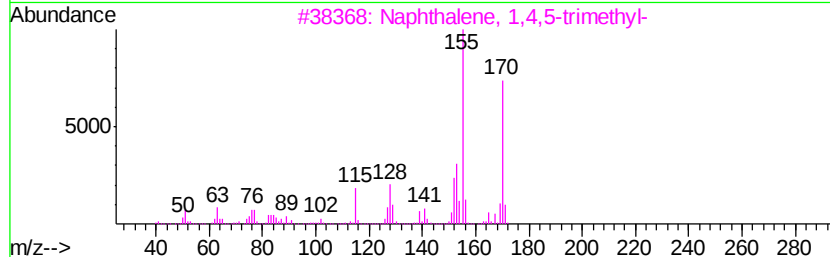
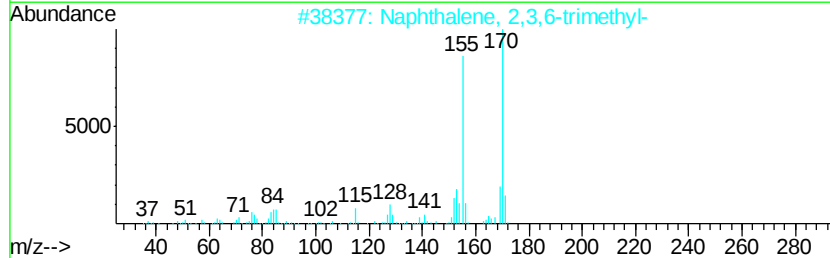
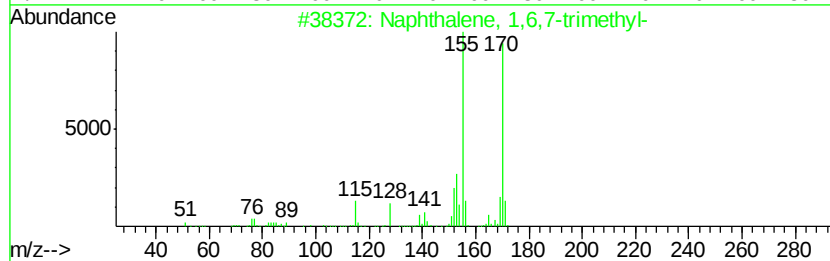
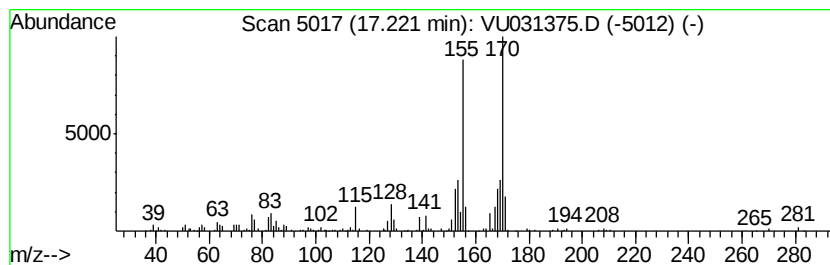
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

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

Peak Number 15 Naphthalene, 1,6,7-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	7.30 ug/L	234874	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
4		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
5		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU042019\
Data File : VU031375.D
Acq On : 19 Apr 2019 21:27
Operator : JC/SP
Sample : K2455-12
Misc : 5.03uL/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHR2

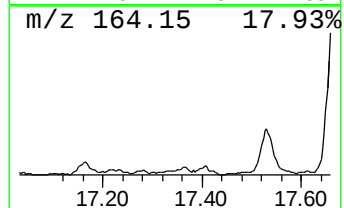
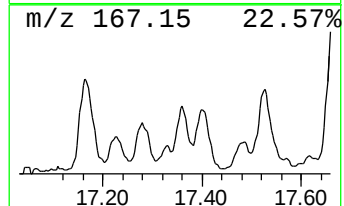
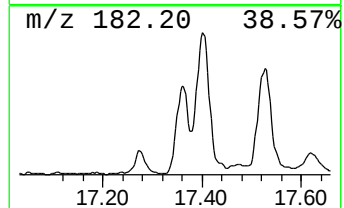
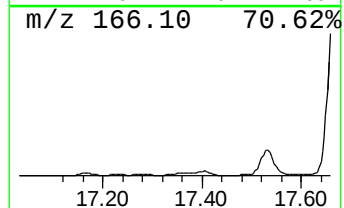
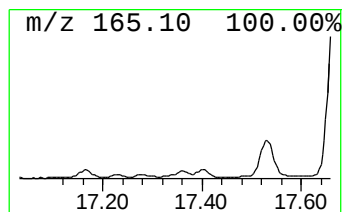
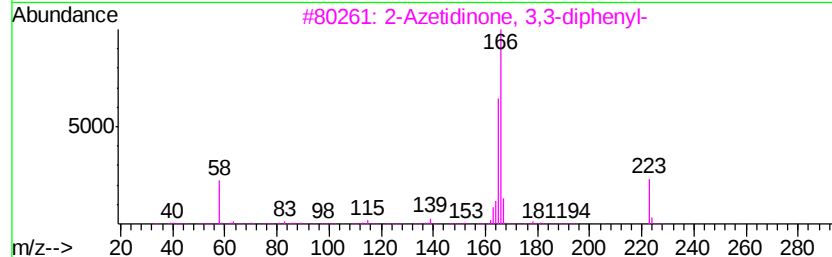
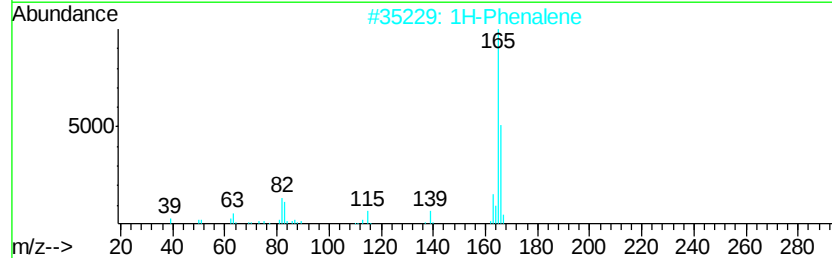
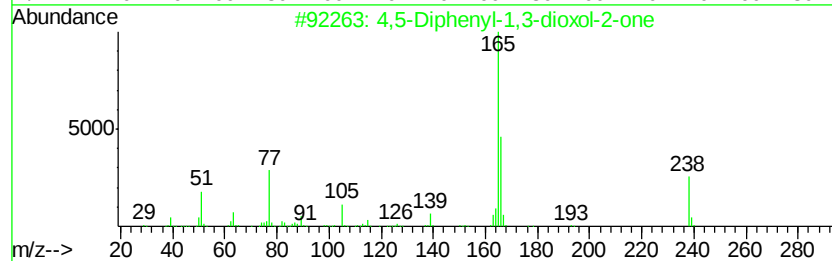
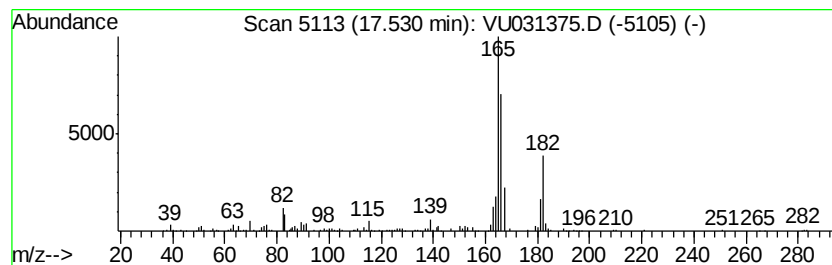
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM041719WMA.M
Quant Title : VOC Analysis

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

Peak Number 16 4,5-Diphenyl-1,3-dioxol-2-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.53	7.24 ug/L	232931	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,5-Diphenyl-1,3-dioxol-2-one	238	C15H10O3	021240-34-6	50
2		1H-Phenylene	166	C13H10	000203-80-5	47
3		2-Azetidinone, 3,3-diphenyl-	223	C15H13NO	015826-12-7	43
4		Fluorene-9-methanol	196	C14H12O	024324-17-2	38
5		Fluorene	166	C13H10	000086-73-7	38



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042019\
Data File : VU031375.D
Acq On : 19 Apr 2019 21:27
Operator : JC/SP
Sample : K2455-12
Misc : 5.03g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAHR2

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
Naphthalene, 1-me...	14.87	47.2	ug/L	1518900	3	11.49	1608680	50.0
Biphenyl	15.61	8.5	ug/L	272190	3	11.49	1608680	50.0
Naphthalene, 1-et...	15.80	5.3	ug/L	169565	3	11.49	1608680	50.0
Naphthalene, 2,6-...	15.91	43.3	ug/L	1391840	3	11.49	1608680	50.0
Naphthalene, 2-et...	16.19	11.2	ug/L	360757	3	11.49	1608680	50.0
Naphthalene, 1,5-...	16.28	16.8	ug/L	539574	3	11.49	1608680	50.0
Naphthalene, 1,4-...	16.43	5.8	ug/L	186661	3	11.49	1608680	50.0
1,1'-Biphenyl, 4-...	16.63	7.5	ug/L	241642	3	11.49	1608680	50.0
1,1'-Biphenyl, 3-...	17.16	10.3	ug/L	330965	3	11.49	1608680	50.0
Naphthalene, 1,6,...	17.22	7.3	ug/L	234874	3	11.49	1608680	50.0
4,5-Diphenyl-1,3-...	17.53	7.2	ug/L	232931	3	11.49	1608680	50.0