

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU043019\
 Data File : VU031658.D
 Acq On : 01 May 2019 01:25
 Operator : JC/SP
 Sample : K2604-10
 Misc : 5.01µ/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAJ84

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	24	28	39	rVB3	12067	13729	0.41%	0.029%
2	1.293	59	63	67	rBV	12588	11383	0.34%	0.024%
3	1.395	88	95	112	rBV	313557	462322	13.91%	0.969%
4	1.675	176	182	196	rBV	200411	377183	11.35%	0.790%
5	2.241	348	358	384	rVB	682403	1140983	34.33%	2.391%
6	2.691	490	498	511	rVB3	10760	22880	0.69%	0.048%
7	2.775	520	524	530	rBV4	1894	2099	0.06%	0.004%
8	2.817	534	537	540	rBV5	2386	1718	0.05%	0.004%
9	2.952	575	579	580	rBV3	1321	855	0.03%	0.002%
10	3.019	597	600	603	rVV2	1634	1186	0.04%	0.002%
11	3.048	606	609	614	rVB6	1666	1282	0.04%	0.003%
12	3.264	671	676	677	rBV4	2019	1768	0.05%	0.004%
13	3.386	711	714	717	rBV4	1017	772	0.02%	0.002%
14	3.463	734	738	740	rVB4	1600	1229	0.04%	0.003%
15	3.485	740	745	748	rBV3	1731	1536	0.05%	0.003%
16	3.543	759	763	765	rBV3	1339	1257	0.04%	0.003%
17	3.659	797	799	805	rVB4	1284	886	0.03%	0.002%
18	3.704	810	813	817	rBV2	1510	1411	0.04%	0.003%
19	3.772	827	834	840	rBV5	1872	2647	0.08%	0.006%
20	3.807	840	845	848	rVB2	920	795	0.02%	0.002%
21	3.881	863	868	873	rVB6	1465	1637	0.05%	0.003%
22	3.932	881	884	894	rVB9	2154	2685	0.08%	0.006%
23	4.038	913	917	923	rVB3	1071	1083	0.03%	0.002%
24	4.080	926	930	934	rBV3	1279	1318	0.04%	0.003%
25	4.125	940	944	946	rBV4	1449	1007	0.03%	0.002%
26	4.212	953	971	1018	rBV2	157063	888974	26.75%	1.863%
27	4.643	1089	1105	1138	rVB2	452843	1246584	37.51%	2.612%
28	4.833	1162	1164	1167	rBV2	1711	851	0.03%	0.002%
29	4.852	1167	1170	1172	rBV4	1351	968	0.03%	0.002%
30	5.029	1221	1225	1228	rBV4	1240	1218	0.04%	0.003%
31	5.328	1295	1318	1348	rBV2	1144225	3323751	100.00%	6.965%
32	5.572	1391	1394	1397	rBV3	1148	911	0.03%	0.002%
33	5.604	1397	1404	1405	rBV6	2838	2594	0.08%	0.005%
34	5.730	1439	1443	1445	rBV4	1719	1427	0.04%	0.003%

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

35	5.881	1475	1490	1521	rBV	951884	2277415	68.52%	4.772%
36	6.183	1570	1584	1598	rBV9	21572	54073	1.63%	0.113%
37	6.325	1615	1628	1664	rVB	652793	1545589	46.50%	3.239%
38	6.620	1718	1720	1724	rVB3	1526	900	0.03%	0.002%
39	6.640	1724	1726	1731	rBB2	1414	745	0.02%	0.002%
40	6.707	1745	1747	1752	rVB4	1748	1259	0.04%	0.003%
41	6.733	1752	1755	1757	rBV4	2643	1565	0.05%	0.003%
42	6.826	1781	1784	1786	rBV	1402	702	0.02%	0.001%
43	6.894	1802	1805	1807	rBV3	1271	989	0.03%	0.002%
44	6.990	1833	1835	1838	rVV3	1566	860	0.03%	0.002%
45	7.083	1861	1864	1870	rVB4	1371	934	0.03%	0.002%
46	7.112	1870	1873	1875	rBV2	1227	904	0.03%	0.002%
47	7.173	1888	1892	1896	rBV7	1965	2282	0.07%	0.005%
48	7.228	1896	1909	1935	rBV	309140	712890	21.45%	1.494%
49	7.424	1966	1970	1971	rBV3	1918	1213	0.04%	0.003%
50	7.562	1999	2013	2045	rBV	1209201	2477281	74.53%	5.191%
51	7.852	2092	2103	2126	rBV	196898	472948	14.23%	0.991%
52	8.013	2150	2153	2157	rBV4	1042	790	0.02%	0.002%
53	8.151	2193	2196	2198	rVB4	1328	697	0.02%	0.001%
54	8.225	2213	2219	2229	rVB8	7793	13853	0.42%	0.029%
55	8.344	2238	2256	2290	rBV	725073	2057740	61.91%	4.312%
56	8.688	2361	2363	2365	rBV4	1495	721	0.02%	0.002%
57	8.720	2370	2373	2376	rBV4	1301	804	0.02%	0.002%
58	8.746	2378	2381	2382	rBV3	1325	733	0.02%	0.002%
59	8.900	2424	2429	2430	rBV3	5201	4220	0.13%	0.009%
60	8.967	2446	2450	2451	rBV	1342	957	0.03%	0.002%
61	9.093	2475	2489	2516	rBV	1369692	2796763	84.14%	5.860%
62	9.379	2569	2578	2584	rBV8	5382	9233	0.28%	0.019%
63	9.533	2623	2626	2630	rBV4	2112	1654	0.05%	0.003%
64	9.572	2635	2638	2643	rVB5	2522	1923	0.06%	0.004%
65	9.598	2643	2646	2648	rBV3	1412	710	0.02%	0.001%
66	9.675	2668	2670	2674	rBV4	1241	816	0.02%	0.002%
67	9.723	2681	2685	2690	rBV5	1781	1528	0.05%	0.003%
68	9.787	2694	2705	2727	rVV4	40997	97303	2.93%	0.204%
69	9.942	2750	2753	2756	rBV4	1830	1275	0.04%	0.003%
70	10.000	2769	2771	2775	rBV3	1236	1021	0.03%	0.002%
71	10.038	2780	2783	2786	rBV2	1305	839	0.03%	0.002%

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72	10.109	2802	2805	2807	rBV2	1908	1150	0.03%	0.002%
73	10.141	2811	2815	2817	rBV3	1498	1059	0.03%	0.002%
74	10.228	2838	2842	2846	rBV6	2338	1604	0.05%	0.003%
75	10.266	2849	2854	2855	rBV4	2131	1687	0.05%	0.004%
76	10.328	2868	2873	2875	rBV5	2695	2574	0.08%	0.005%
77	10.440	2895	2908	2931	rBV	882348	1492142	44.89%	3.127%
78	10.775	3005	3012	3025	rVB2	46429	74855	2.25%	0.157%
79	10.977	3066	3075	3094	rVB3	27353	54633	1.64%	0.114%
80	11.106	3112	3115	3119	rBV6	4249	3583	0.11%	0.008%
81	11.221	3142	3151	3160	rBV	80314	127872	3.85%	0.268%
82	11.270	3162	3166	3176	rVB5	14790	22594	0.68%	0.047%
83	11.485	3222	3233	3252	rBV	1482057	2406319	72.40%	5.042%
84	11.572	3253	3260	3274	rVB	92081	146976	4.42%	0.308%
85	11.765	3313	3320	3330	rBV2	40154	69899	2.10%	0.146%
86	11.861	3338	3350	3368	rBV	1229436	2047670	61.61%	4.291%
87	11.983	3380	3388	3399	rBV	126184	205215	6.17%	0.430%
88	13.118	3734	3741	3752	rVB4	92052	141984	4.27%	0.298%
89	13.289	3785	3794	3810	rBV2	180929	347765	10.46%	0.729%
90	13.739	3924	3934	3946	rBV	1593998	2540649	76.44%	5.324%
91	14.874	4277	4287	4304	rBV	1259297	2119264	63.76%	4.441%
92	15.057	4336	4344	4361	rVB2	959849	1894349	56.99%	3.969%
93	15.909	4599	4609	4618	rBV	1477359	2517085	75.73%	5.274%
94	15.970	4624	4628	4641	rVB	716640	946380	28.47%	1.983%
95	16.054	4645	4654	4661	rBV	2050333	3176889	95.58%	6.657%
96	16.253	4709	4716	4721	rBV	682533	1056114	31.77%	2.213%
97	16.517	4789	4798	4816	rVB	1792861	2994961	90.11%	6.276%
98	17.012	4947	4952	4976	rVB3	637808	1406789	42.33%	2.948%
99	17.160	4992	4998	5008	rVB	684169	1031352	31.03%	2.161%
100	17.221	5011	5017	5029	rVB2	510756	821086	24.70%	1.721%

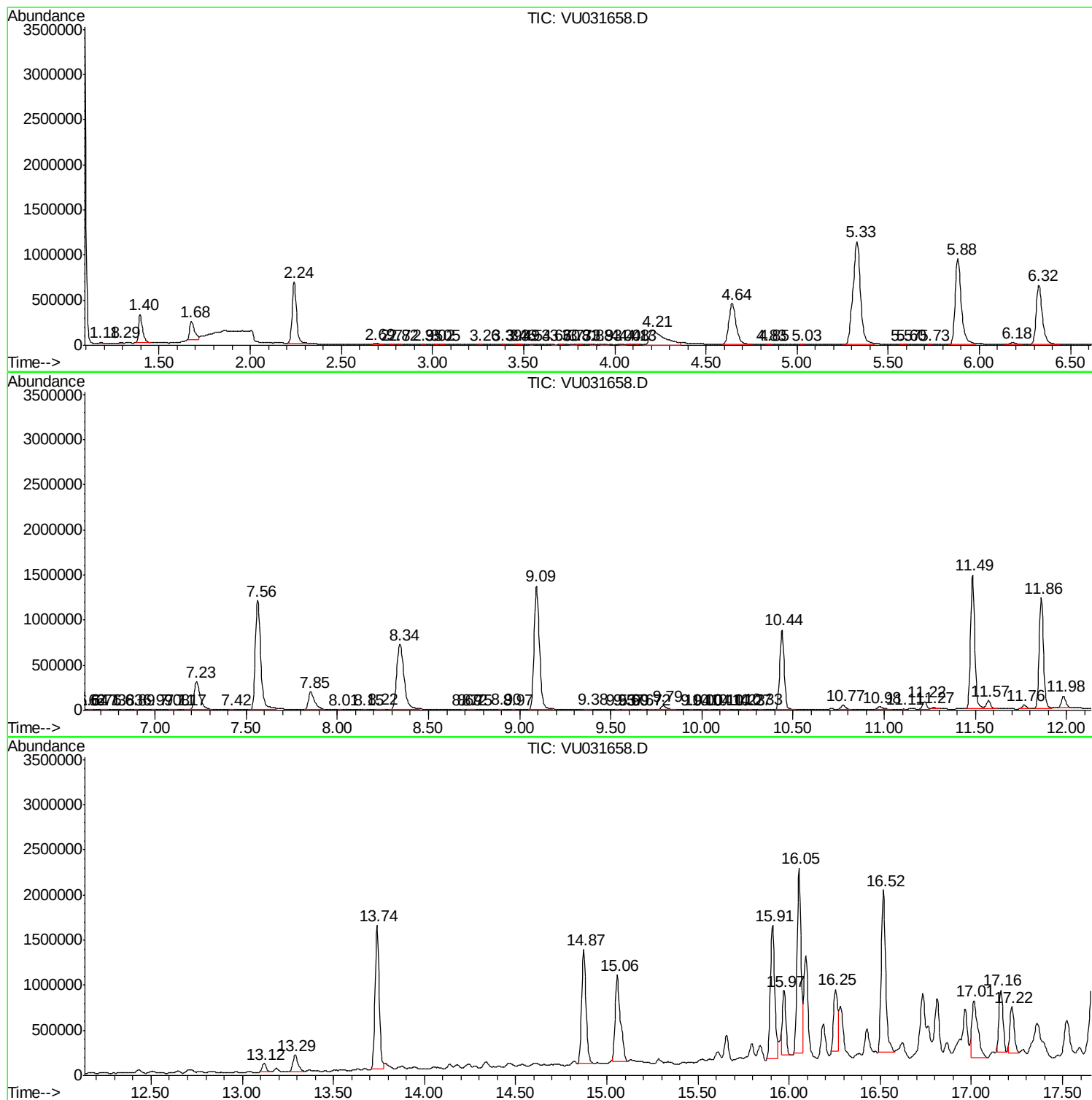
Sum of corrected areas: 47723557

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

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



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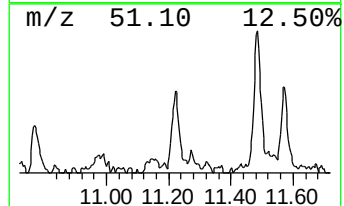
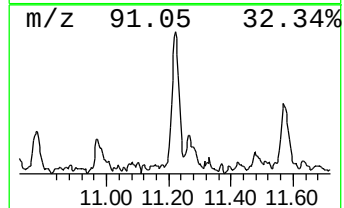
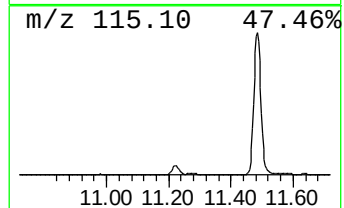
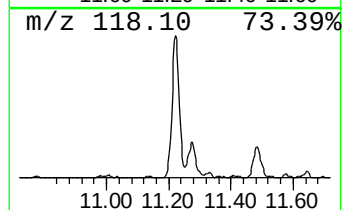
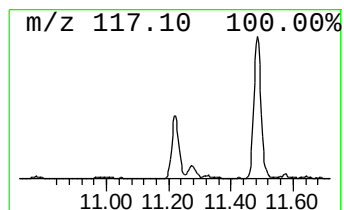
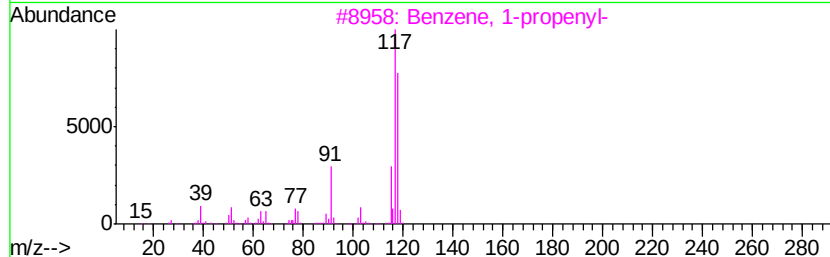
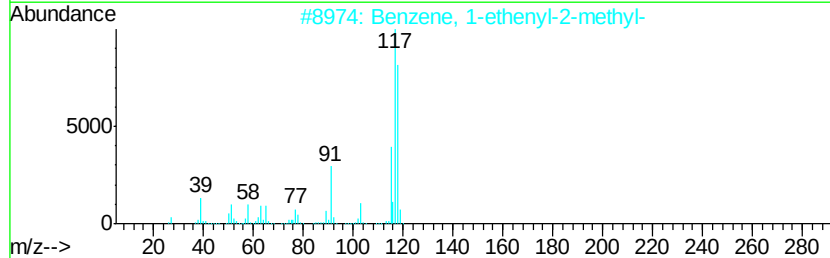
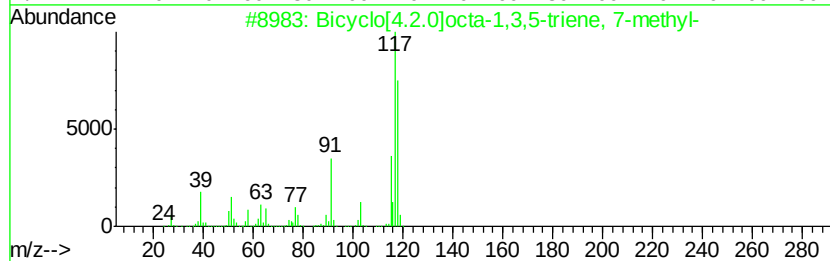
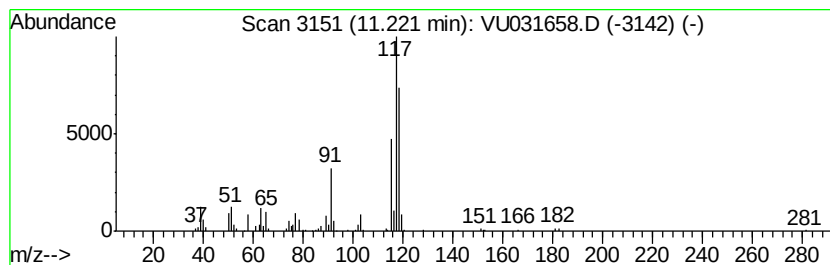
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	2.66 ug/L	127872	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	055337-80-9	96
2		Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	96
3		Benzene, 1-propenyl-	118	C9H10	000637-50-3	95
4		Benzene, 1-propenyl-	118	C9H10	000637-50-3	94
5		Benzene, 2-propenyl-	118	C9H10	000300-57-2	94



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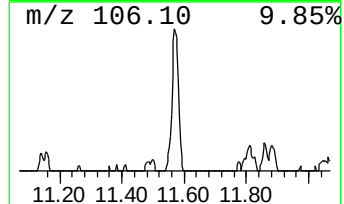
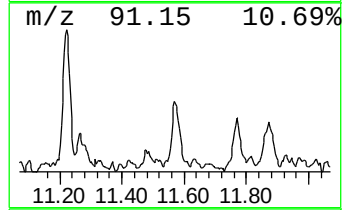
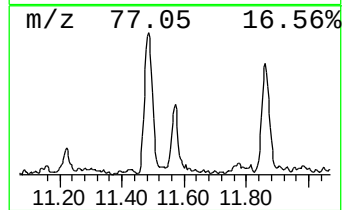
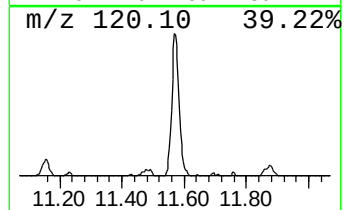
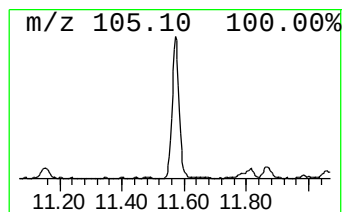
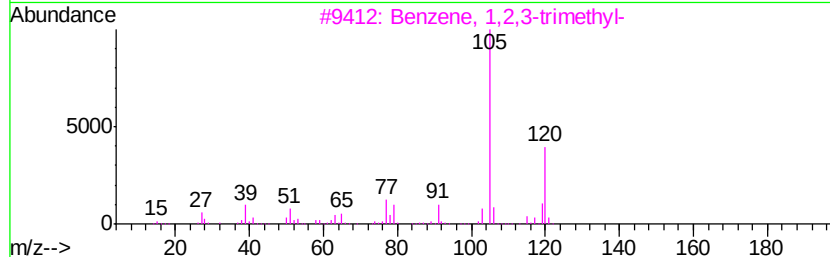
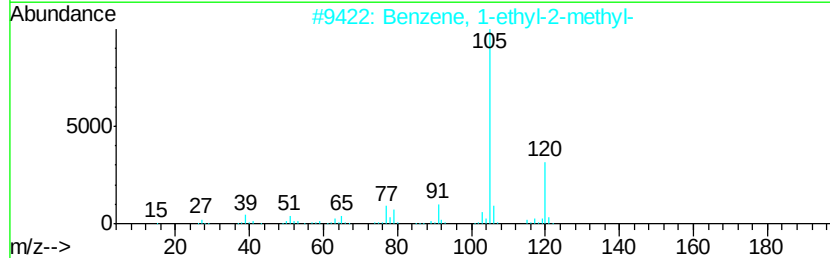
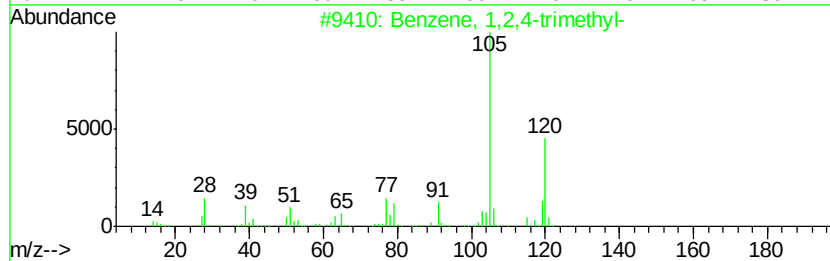
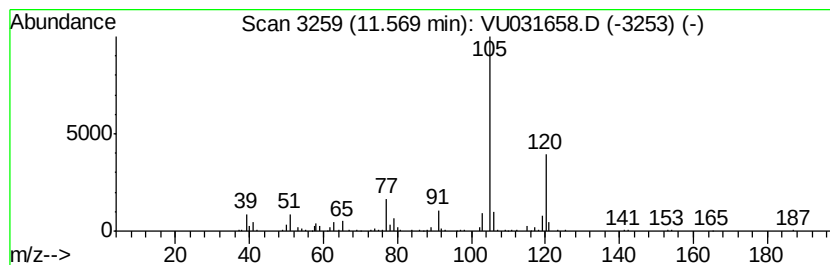
Instrument :
MSVOA_U
ClientSampleId :
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Quant Title : VOC Analysis

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

Peak Number 3 Benzene, 1,2,4-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.57	3.05 ug/L	146976	1,4-Dichlorobenzene-d4	11.49		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
2		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3		Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
4		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
5		Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91



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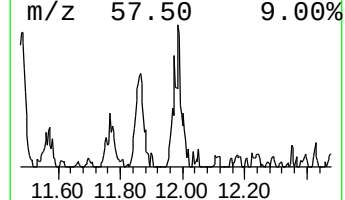
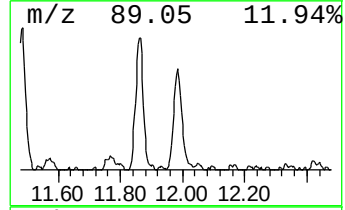
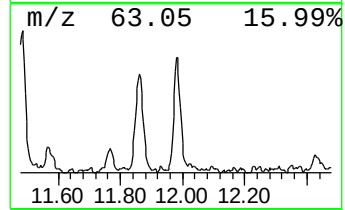
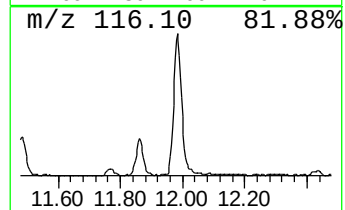
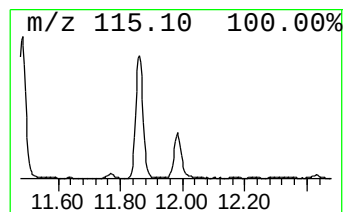
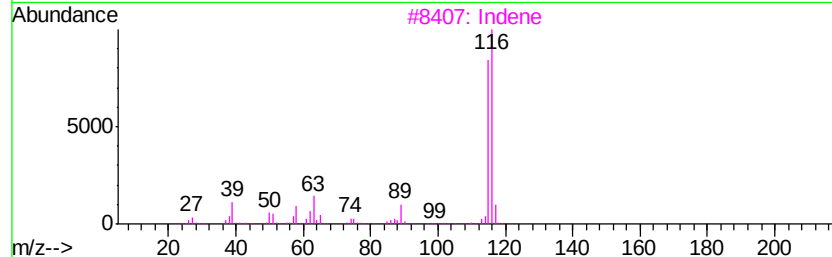
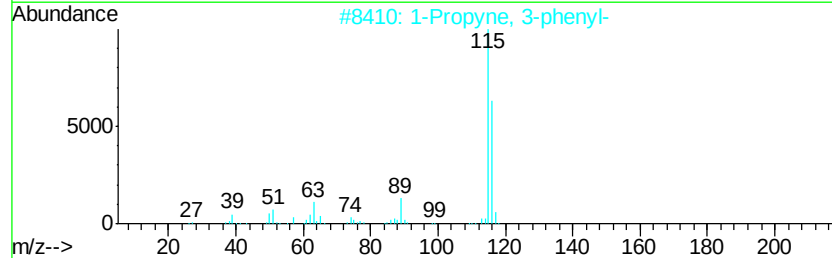
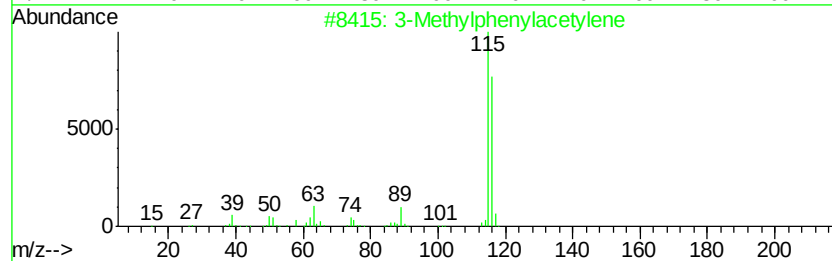
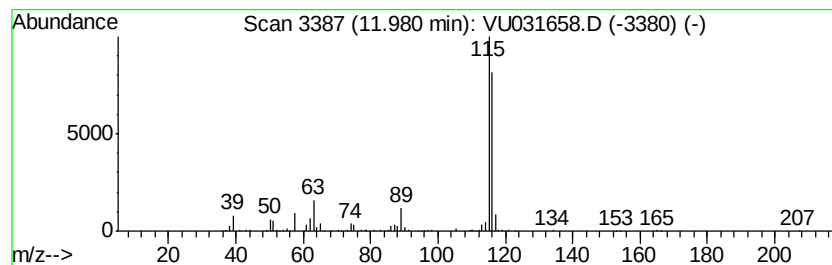
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Quant Title : VOC Analysis

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

Peak Number 4 3-Methylphenylacetylene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	4.26 ug/L	205215	1,4-Dichlorobenzene-d4	11.49
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		3-Methylphenylacetylene	116 C9H8	000766-82-5 97
2		1-Propyne, 3-phenyl-	116 C9H8	010147-11-2 97
3		Indene	116 C9H8	000095-13-6 96
4		Benzene, 1-propynyl-	116 C9H8	000673-32-5 94
5		Benzene, 1-propynyl-	116 C9H8	000673-32-5 94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU043019\
Data File : VU031658.D
Acq On : 01 May 2019 01:25
Operator : JC/SP
Sample : K2604-10
Misc : 5.01µL/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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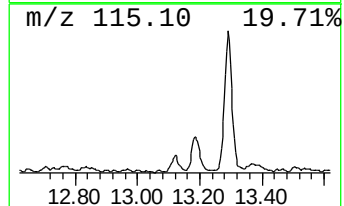
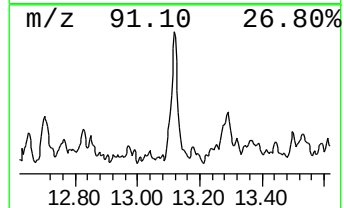
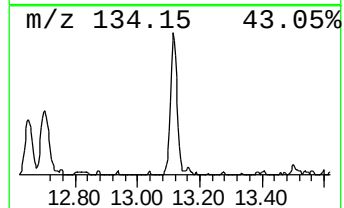
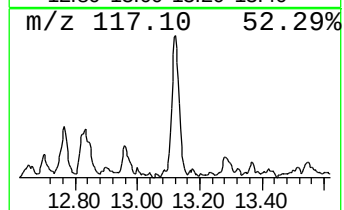
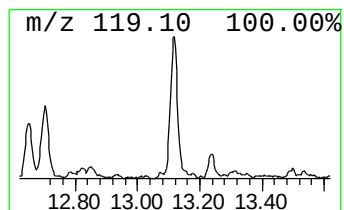
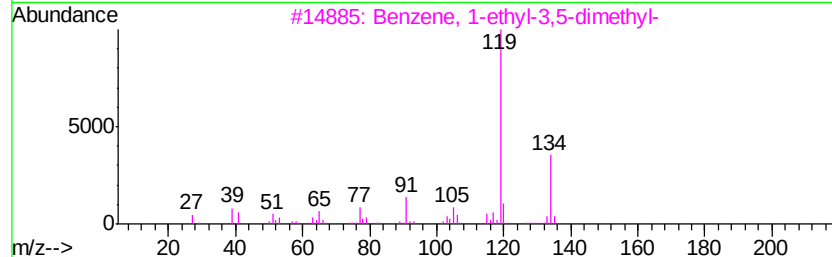
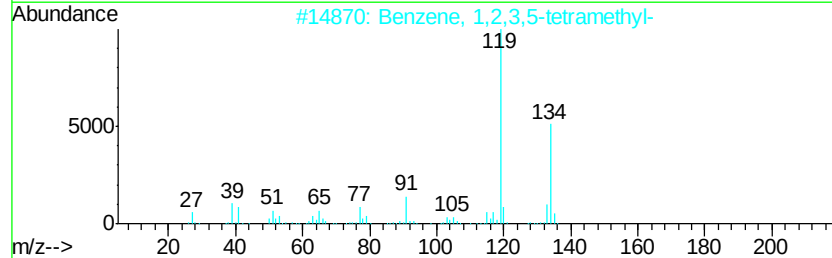
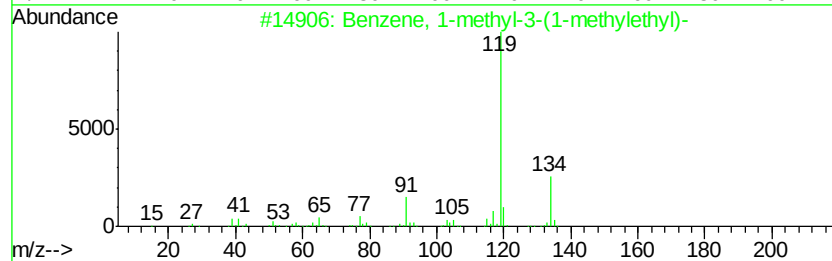
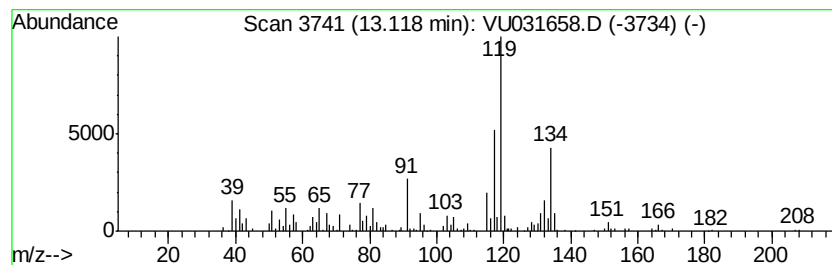
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Quant Title : VOC Analysis

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

Peak Number 5 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.12	2.95 ug/L	141984	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methylethyl)-	134	C10H14	000535-77-3	49
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	49
3		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	49
4		Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	49
5		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	49



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU043019\
Data File : VU031658.D
Acq On : 01 May 2019 01:25
Operator : JC/SP
Sample : K2604-10
Misc : 5.01µL/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
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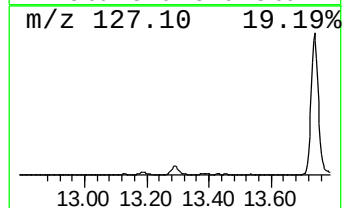
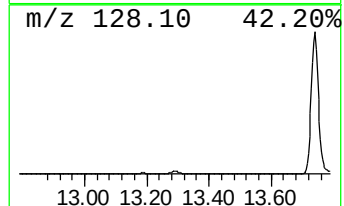
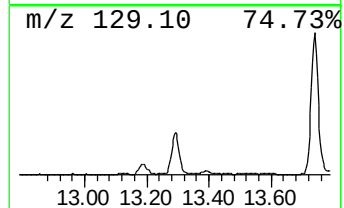
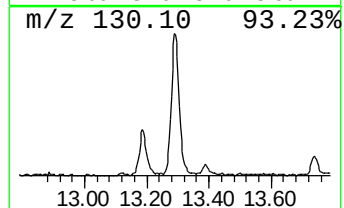
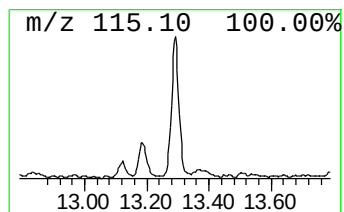
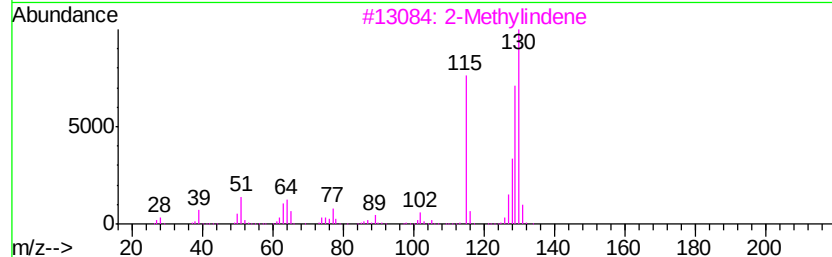
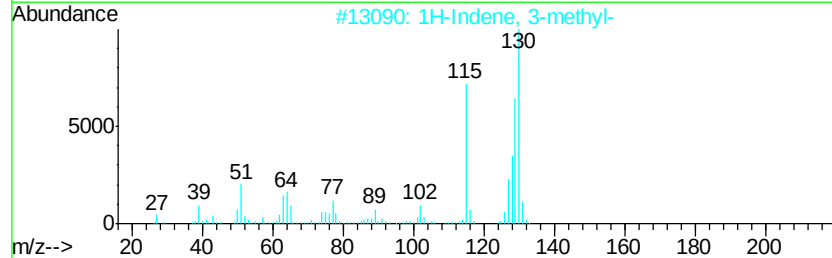
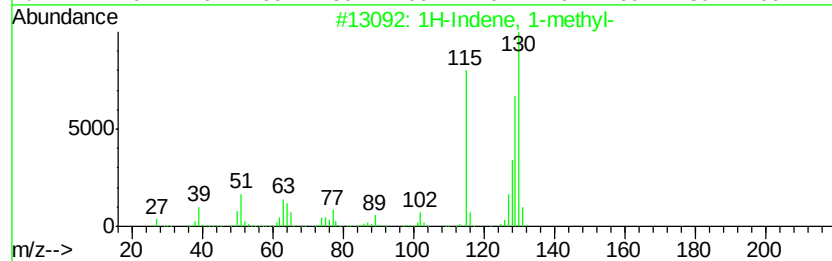
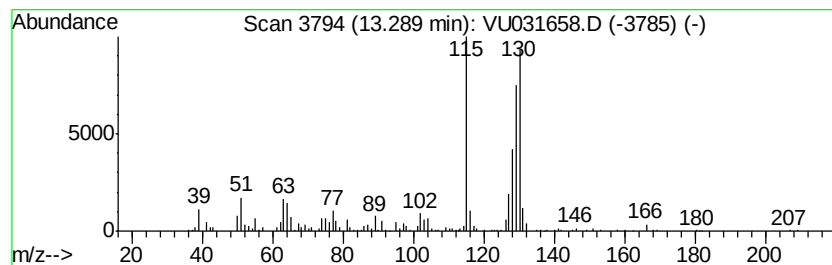
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Quant Title : VOC Analysis

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

Peak Number 6 1H-Indene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.29	7.23 ug/L	347765	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2		1H-Indene, 3-methyl-	130	C10H10	000767-60-2	96
3		2-Methylindene	130	C10H10	002177-47-1	96
4		1H-Indene, 3-methyl-	130	C10H10	000767-60-2	95
5		Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU043019\
Data File : VU031658.D
Acq On : 01 May 2019 01:25
Operator : JC/SP
Sample : K2604-10
Misc : 5.01µ/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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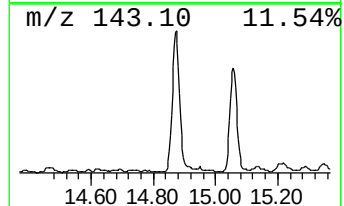
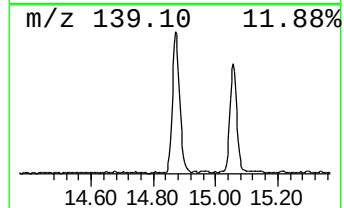
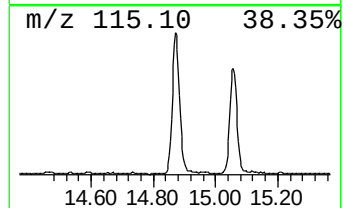
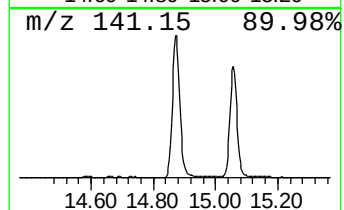
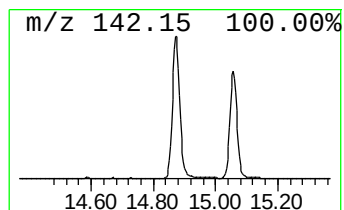
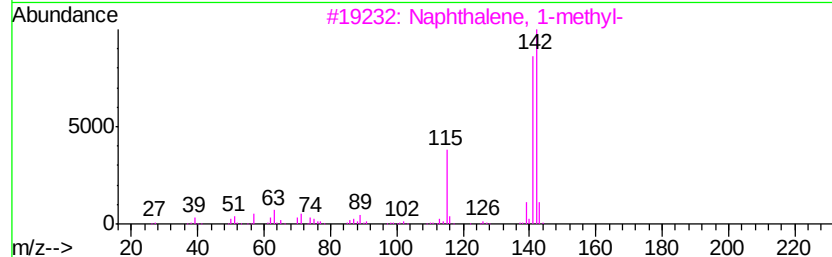
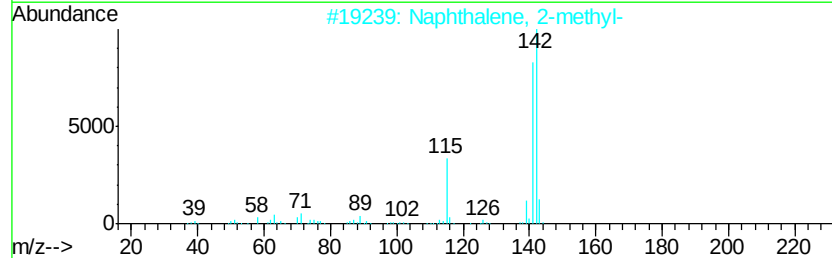
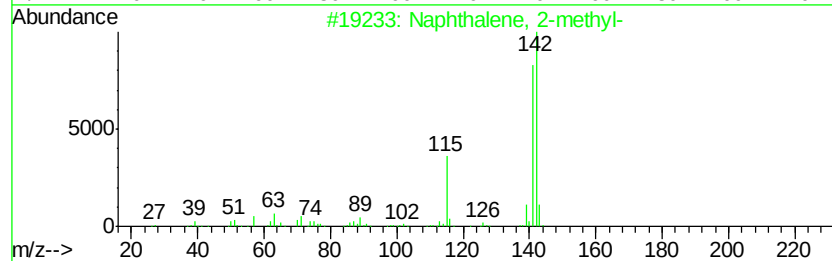
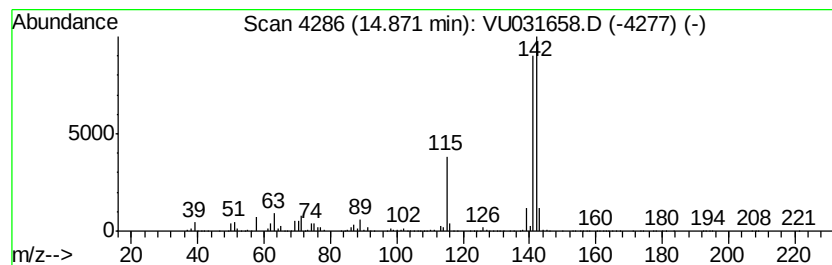
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Quant Title : VOC Analysis

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

Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	44.04 ug/L	2119260	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
4		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU043019\
Data File : VU031658.D
Acq On : 01 May 2019 01:25
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Sample : K2604-10
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ALS Vial : 37 Sample Multiplier: 1

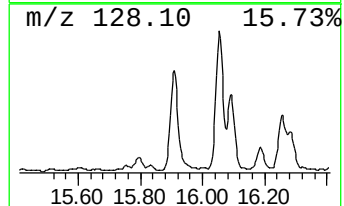
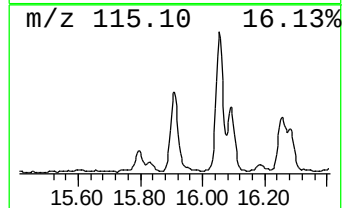
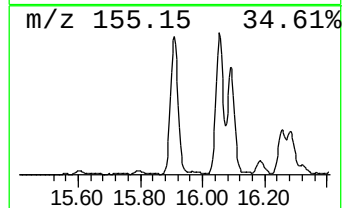
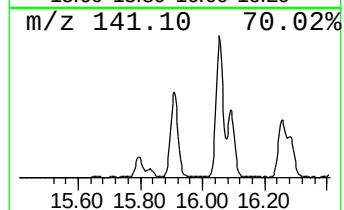
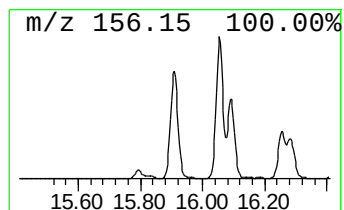
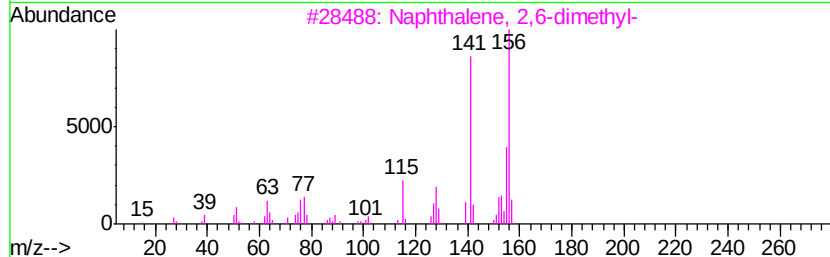
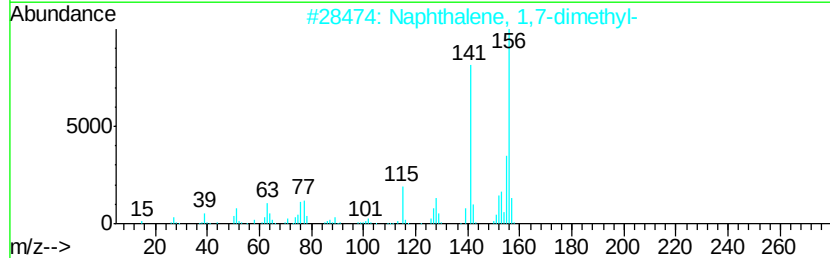
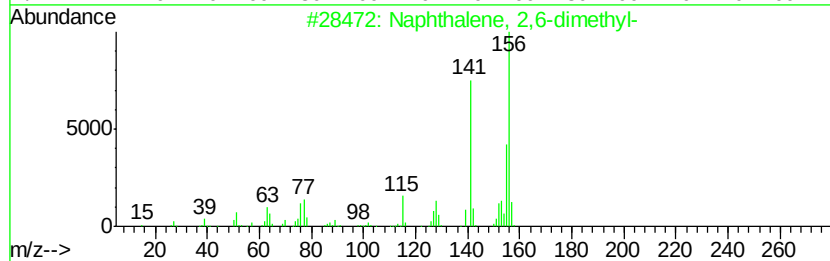
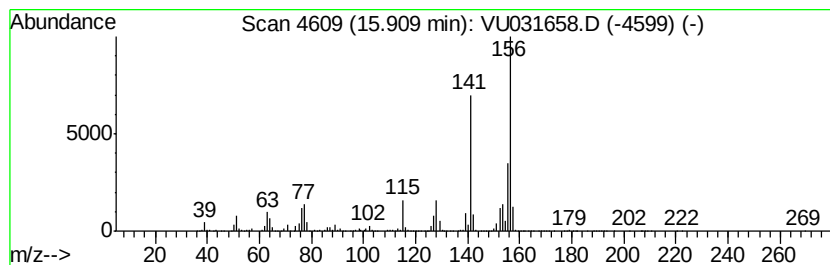
Instrument :
MSVOA_U
ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 10 Naphthalene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	52.30 ug/L	2517090	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, 1,7-dimethyl-	156 C12H12	000575-37-1 98
3		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 98
4		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 98
5		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU043019\
Data File : VU031658.D
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Operator : JC/SP
Sample : K2604-10
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ALS Vial : 37 Sample Multiplier: 1

Instrument :
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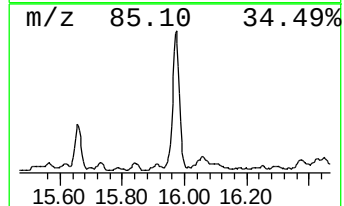
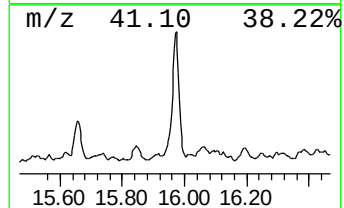
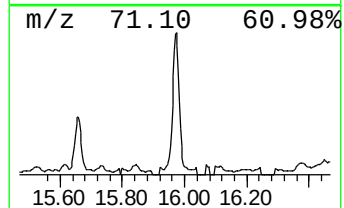
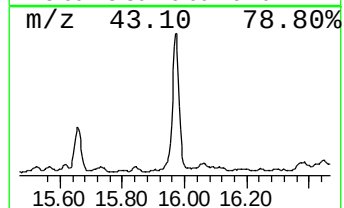
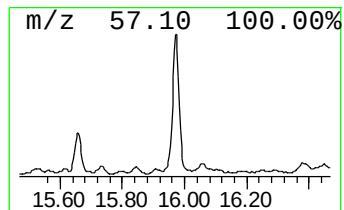
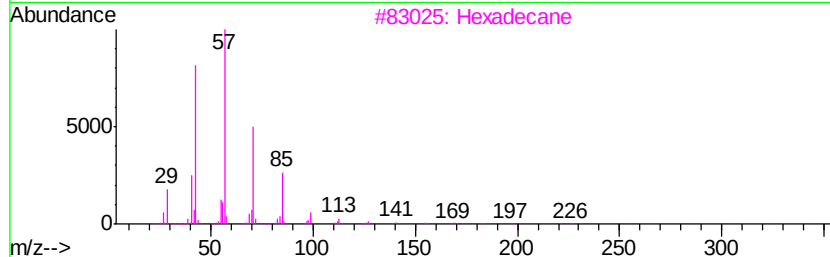
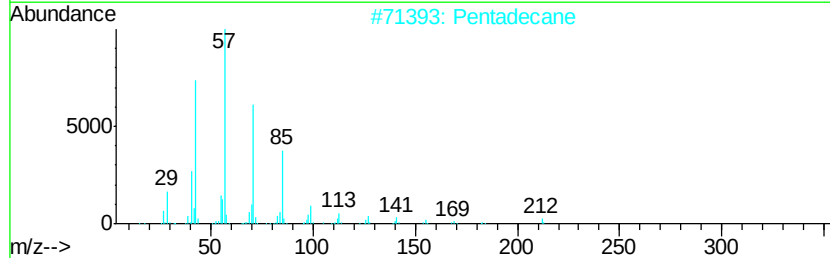
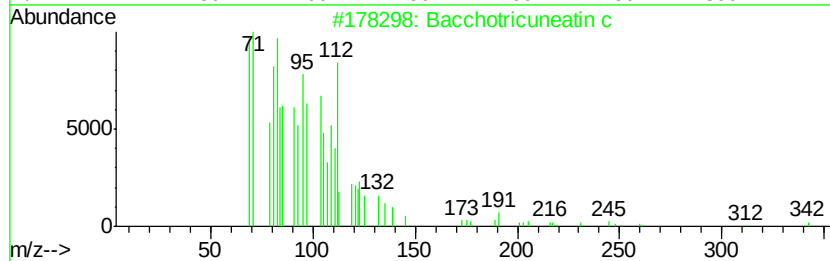
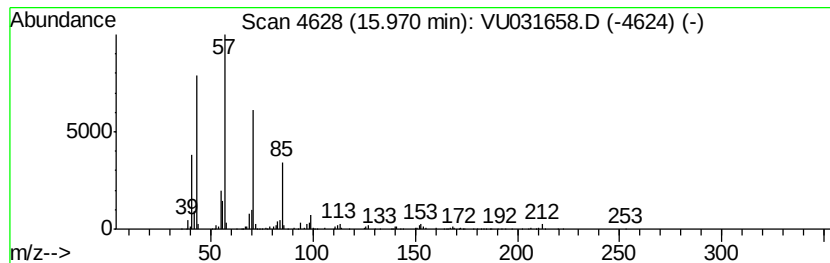
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Quant Title : VOC Analysis

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

Peak Number 11 Bacchotricuneatin c Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	19.66 ug/L	946380	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	95
2		Pentadecane	212	C15H32	000629-62-9	93
3		Hexadecane	226	C16H34	000544-76-3	91
4		Hexadecane	226	C16H34	000544-76-3	91
5		Tetradecane	198	C14H30	000629-59-4	90



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU043019\
Data File : VU031658.D
Acq On : 01 May 2019 01:25
Operator : JC/SP
Sample : K2604-10
Misc : 5.01µL/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 37 Sample Multiplier: 1

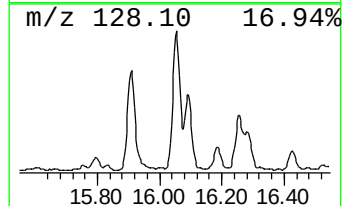
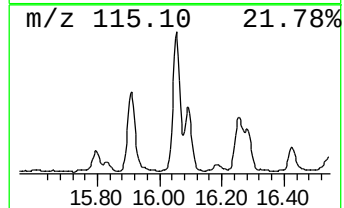
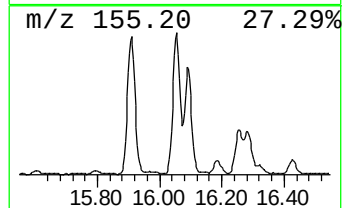
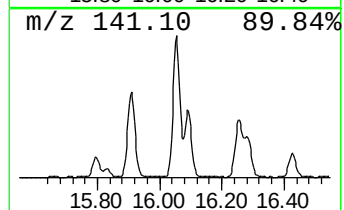
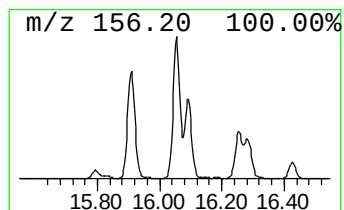
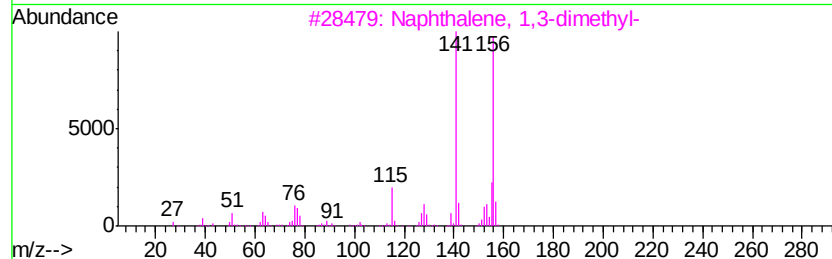
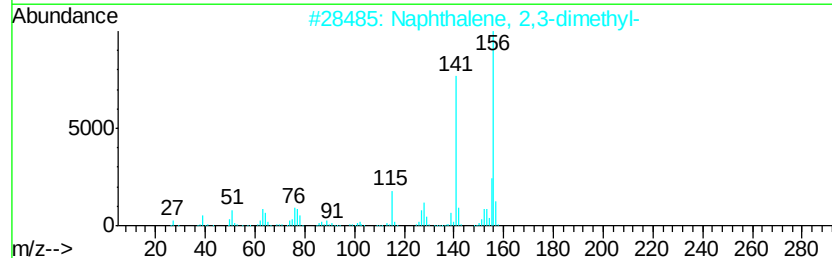
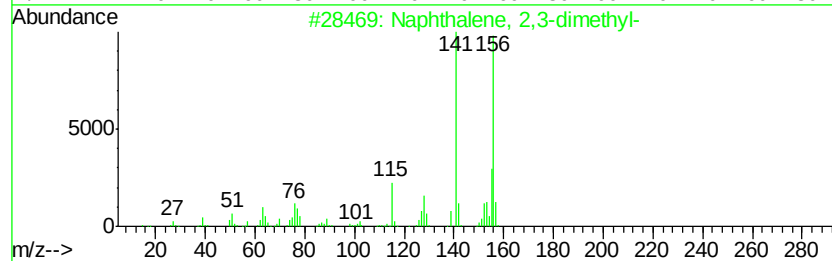
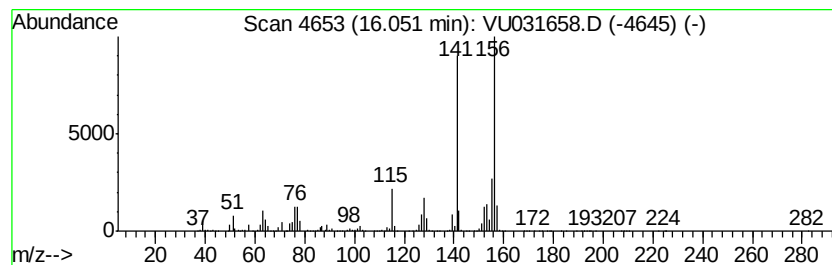
Instrument :
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ClientSampleId :
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 12 Naphthalene, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.05	66.01 ug/L	3176890	1,4-Dichlorobenzene-d4	11.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU043019\
Data File : VU031658.D
Acq On : 01 May 2019 01:25
Operator : JC/SP
Sample : K2604-10
Misc : 5.01µL/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ84

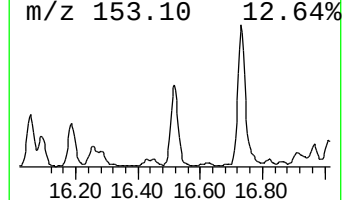
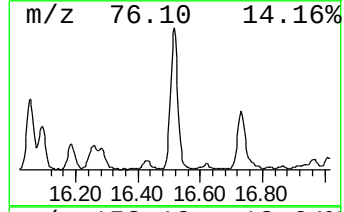
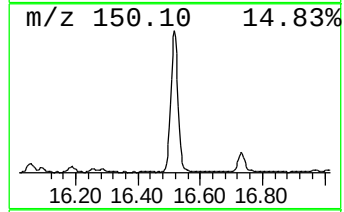
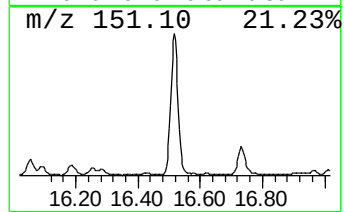
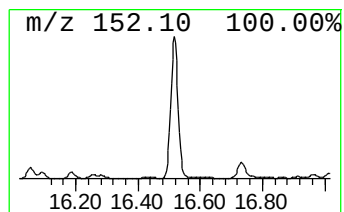
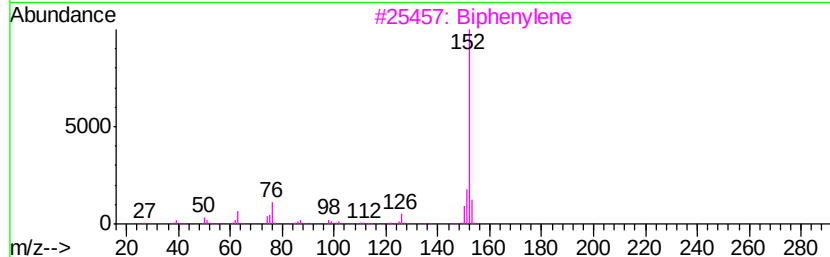
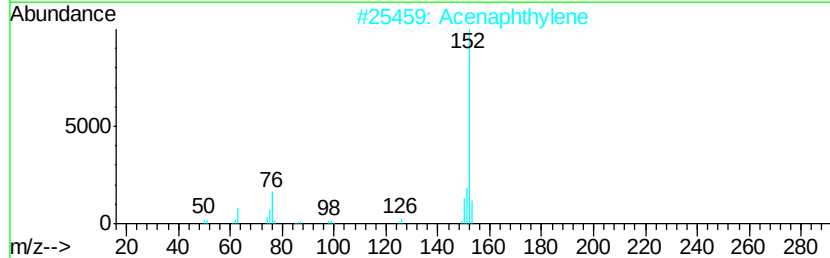
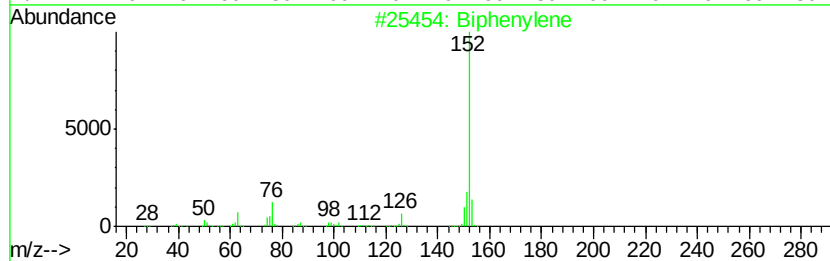
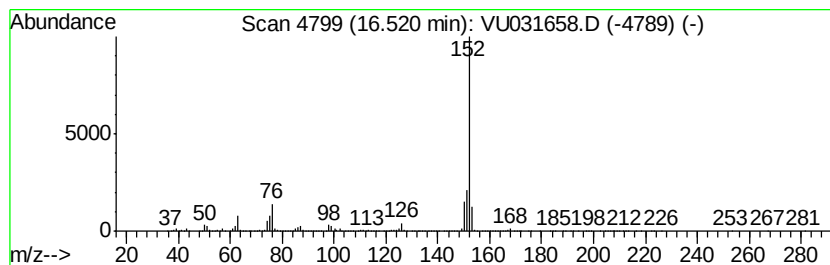
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Quant Title : VOC Analysis

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

Peak Number 14 Biphenylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	62.23 ug/L	2994960	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Biphenylene	152	C12H8	000259-79-0	91
2		Acenaphthylene	152	C12H8	000208-96-8	90
3		Biphenylene	152	C12H8	000259-79-0	90
4		Acenaphthylene	152	C12H8	000208-96-8	87
5		Acenaphthylene	152	C12H8	000208-96-8	72



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU043019\
Data File : VU031658.D
Acq On : 01 May 2019 01:25
Operator : JC/SP
Sample : K2604-10
Misc : 5.01µ/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 37 Sample Multiplier: 1

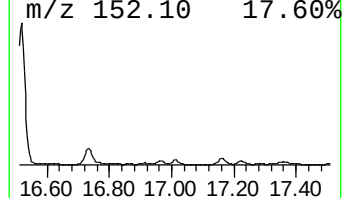
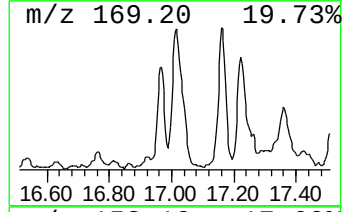
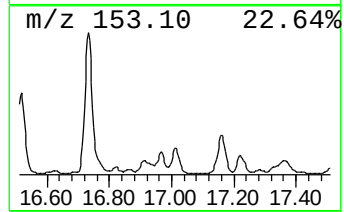
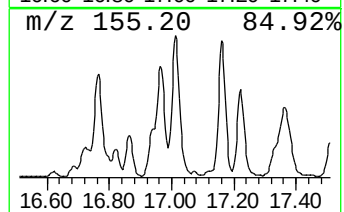
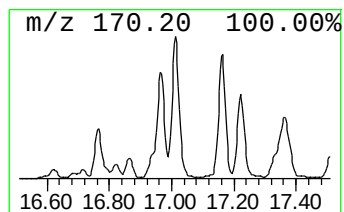
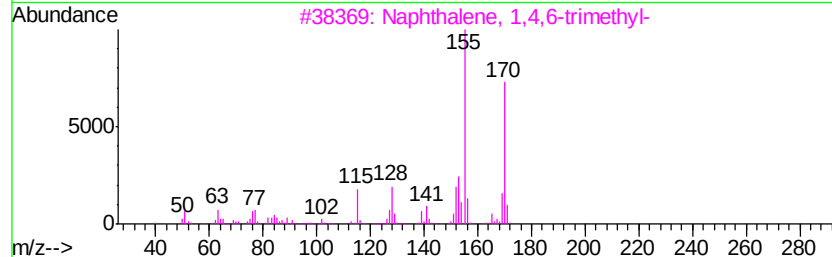
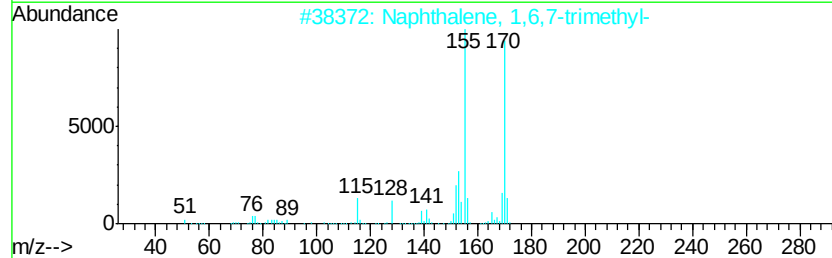
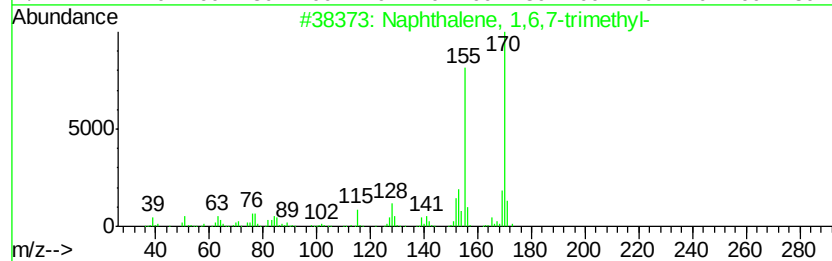
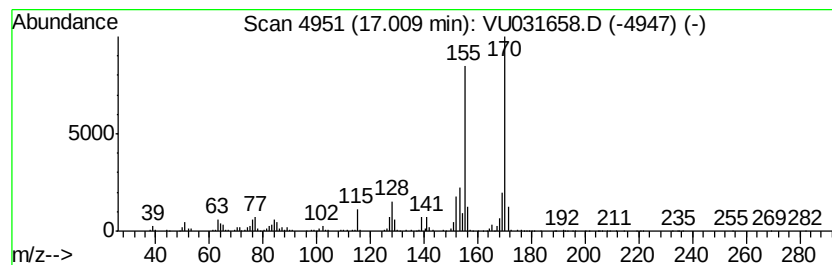
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MSVOA_U
ClientSampleId :
GAJ84

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 Naphthalene, 1,6,7-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.01	29.23 ug/L	1406790	1,4-Dichlorobenzene-d4	11.49	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU043019\
Data File : VU031658.D
Acq On : 01 May 2019 01:25
Operator : JC/SP
Sample : K2604-10
Misc : 5.01µL/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ84

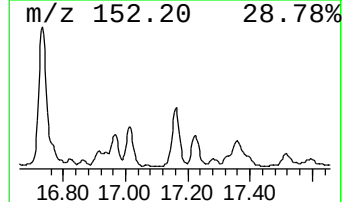
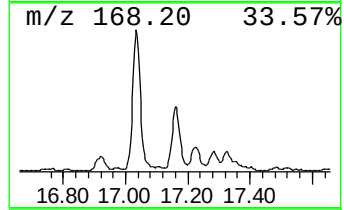
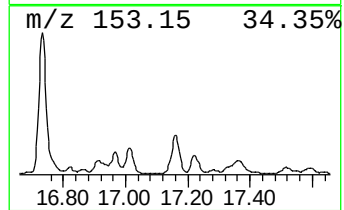
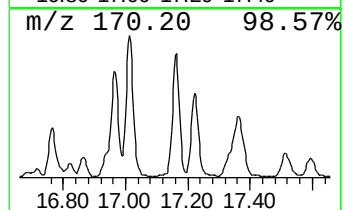
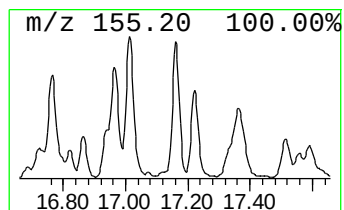
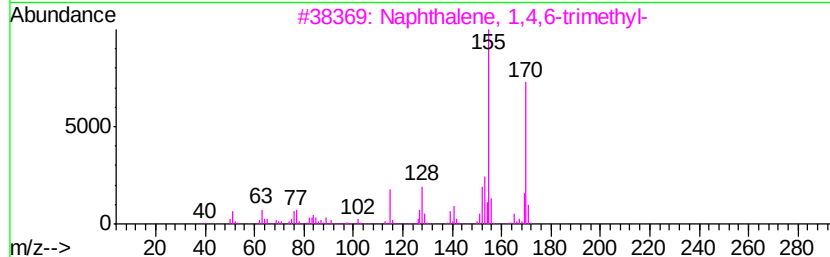
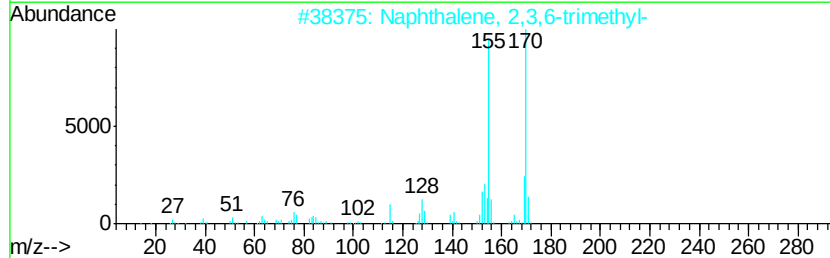
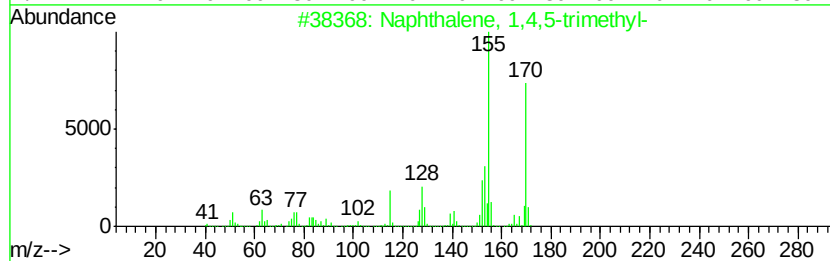
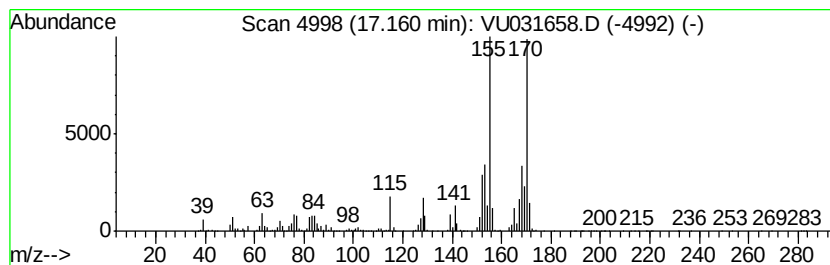
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Quant Title : VOC Analysis

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

Peak Number 16 Naphthalene, 1,4,5-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.16	21.43 ug/L	1031350	1,4-Dichlorobenzene-d4	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
5		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU043019\
Data File : VU031658.D
Acq On : 01 May 2019 01:25
Operator : JC/SP
Sample : K2604-10
Misc : 5.01µL/5mL/100µL/5.0mL/MSVOA_U/MEOH
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ84

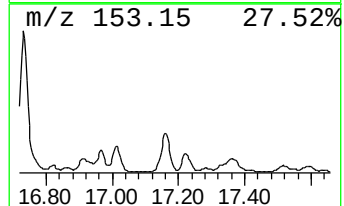
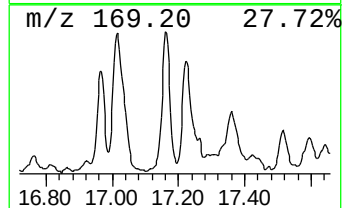
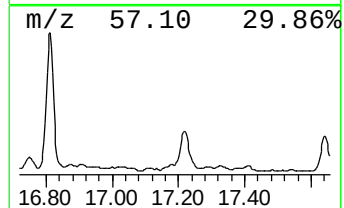
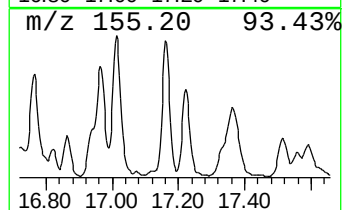
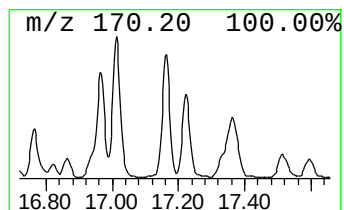
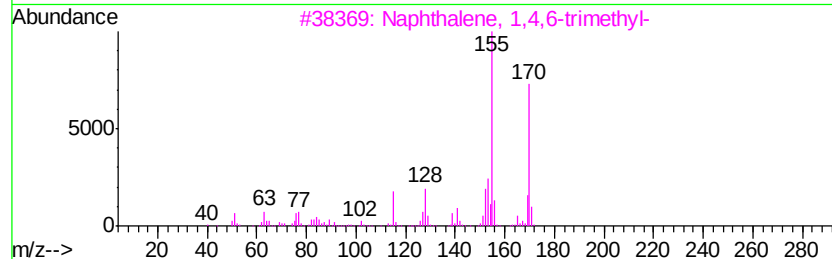
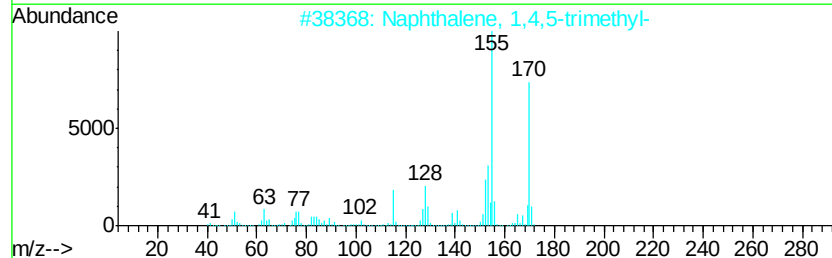
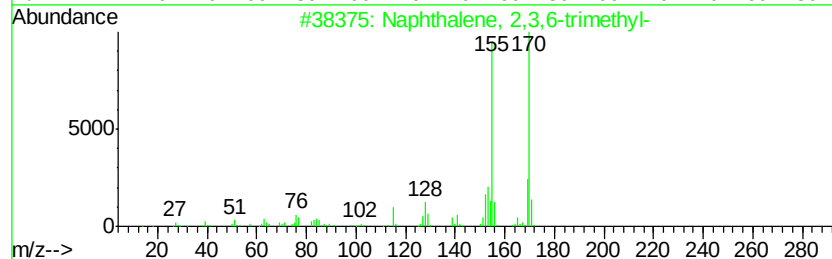
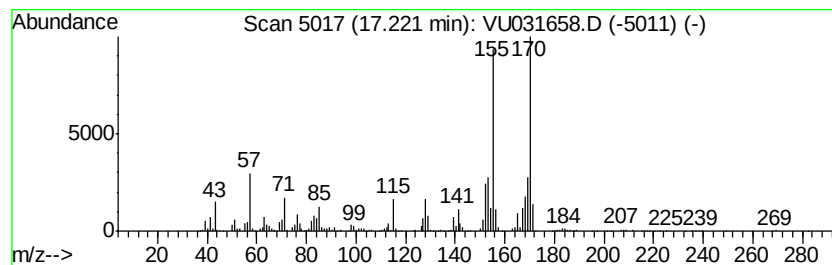
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 17 Naphthalene, 2,3,6-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.22	17.06 ug/L	821086	1,4-Dichlorobenzene-d4	11.49

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
3			Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
4			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
 Data File : VU031658.D
 Acq On : 01 May 2019 01:25
 Operator : JC/SP
 Sample : K2604-10
 Misc : 5.01g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAJ84

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
Bicyclo[4.2.0]oct...	11.22	2.7	ug/L	127872	3	11.49	2406320	50.0
Benzene, 1,2,4-tr...	11.57	3.0	ug/L	146976	3	11.49	2406320	50.0
3-Methylphenylace...	11.98	4.3	ug/L	205215	3	11.49	2406320	50.0
unknown-01	13.12	3.0	ug/L	141984	3	11.49	2406320	50.0
1H-Indene, 1-methyl-	13.29	7.2	ug/L	347765	3	11.49	2406320	50.0
Naphthalene, 1-me...	14.87	44.0	ug/L	2119260	3	11.49	2406320	50.0
Naphthalene, 2,6-...	15.91	52.3	ug/L	2517090	3	11.49	2406320	50.0
Bacchotricuneatin c	15.97	19.7	ug/L	946380	3	11.49	2406320	50.0
Naphthalene, 2,3-...	16.05	66.0	ug/L	3176890	3	11.49	2406320	50.0
Biphenylene	16.52	62.2	ug/L	2994960	3	11.49	2406320	50.0
Naphthalene, 1,6,...	17.01	29.2	ug/L	1406790	3	11.49	2406320	50.0
Naphthalene, 1,4,...	17.16	21.4	ug/L	1031350	3	11.49	2406320	50.0
Naphthalene, 2,3,...	17.22	17.1	ug/L	821086	3	11.49	2406320	50.0