

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050119\
 Data File : VU031679.D
 Acq On : 01 May 2019 13:10
 Operator : JC/SP
 Sample : K2593-13DL 2000X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X79DL

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	1.395	88	95	112	rVB	392576	414819	11.89%	1.292%
2	1.682	176	184	197	rBV	334076	419038	12.02%	1.306%
3	2.270	356	367	381	rBV	704306	1069145	30.66%	3.331%
4	2.466	424	428	429	rBV2	2408	1672	0.05%	0.005%
5	2.543	448	452	454	rBV4	1154	887	0.03%	0.003%
6	2.633	476	480	487	rVB5	1935	1866	0.05%	0.006%
7	2.666	487	490	493	rBV4	1195	753	0.02%	0.002%
8	2.685	493	496	497	rBV3	1468	914	0.03%	0.003%
9	2.727	507	509	511	rVB3	1706	677	0.02%	0.002%
10	2.784	524	527	530	rBV2	954	776	0.02%	0.002%
11	2.839	541	544	546	rVV3	1975	1334	0.04%	0.004%
12	2.932	571	573	578	rVB3	1347	971	0.03%	0.003%
13	3.119	628	631	633	rBV2	1748	1147	0.03%	0.004%
14	3.196	651	655	662	rVB5	1926	1961	0.06%	0.006%
15	3.244	668	670	675	rVB2	1089	841	0.02%	0.003%
16	3.270	675	678	683	rBV4	934	928	0.03%	0.003%
17	3.299	685	687	693	rVB2	1518	1291	0.04%	0.004%
18	3.334	693	698	702	rBV	2309	2065	0.06%	0.006%
19	3.363	702	707	708	rBV	902	803	0.02%	0.003%
20	3.421	720	725	727	rBV2	951	882	0.03%	0.003%
21	3.453	731	735	742	rVB4	1535	1700	0.05%	0.005%
22	3.527	756	758	764	rBV4	1161	864	0.02%	0.003%
23	3.604	777	782	784	rBV4	1040	969	0.03%	0.003%
24	3.707	811	814	816	rBV2	1044	749	0.02%	0.002%
25	3.778	833	836	839	rVB2	1092	737	0.02%	0.002%
26	3.849	855	858	863	rVB3	1333	1147	0.03%	0.004%
27	3.891	866	871	879	rVB2	1504	2098	0.06%	0.007%
28	3.993	898	903	906	rVB	1062	879	0.03%	0.003%
29	4.026	908	913	916	rBV5	880	943	0.03%	0.003%
30	4.109	937	939	943	rVB3	1182	727	0.02%	0.002%
31	4.186	950	963	996	rBV	347384	1120426	32.13%	3.491%
32	4.566	1078	1081	1086	rBV3	1530	998	0.03%	0.003%
33	4.643	1087	1105	1130	rBV	542983	1323657	37.96%	4.124%
34	4.826	1159	1162	1166	rBV4	1477	958	0.03%	0.003%

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

35	4.871	1173	1176	1178	rBV2	1625	992	0.03%	0.003%
36	5.045	1225	1230	1232	rBV4	1220	1207	0.03%	0.004%
37	5.132	1254	1257	1260	rVB5	1444	865	0.02%	0.003%
38	5.244	1290	1292	1297	rVB4	1138	807	0.02%	0.003%
39	5.334	1297	1320	1358	rBV2	1136765	3487436	100.00%	10.866%
40	5.646	1413	1417	1419	rBV2	2726	1886	0.05%	0.006%
41	5.685	1427	1429	1433	rVB2	2558	1297	0.04%	0.004%
42	5.881	1476	1490	1519	rBV	1110009	2296276	65.84%	7.154%
43	6.183	1569	1584	1612	rBV	1217578	2474065	70.94%	7.708%
44	6.325	1616	1628	1662	rVB	769514	1621794	46.50%	5.053%
45	6.617	1713	1719	1723	rBV7	2037	2436	0.07%	0.008%
46	6.665	1731	1734	1738	rBV4	1268	870	0.02%	0.003%
47	6.755	1759	1762	1766	rVB4	1490	1149	0.03%	0.004%
48	6.784	1766	1771	1774	rBV5	990	914	0.03%	0.003%
49	6.858	1792	1794	1798	rBV3	891	661	0.02%	0.002%
50	6.887	1800	1803	1805	rBV5	1218	786	0.02%	0.002%
51	6.939	1817	1819	1822	rBV2	1710	974	0.03%	0.003%
52	7.054	1852	1855	1858	rVB2	1738	1085	0.03%	0.003%
53	7.077	1858	1862	1864	rBV3	1452	1112	0.03%	0.003%
54	7.119	1872	1875	1879	rBV3	1322	1050	0.03%	0.003%
55	7.167	1886	1890	1895	rVB4	1999	1907	0.05%	0.006%
56	7.225	1895	1908	1934	rBV	434477	826043	23.69%	2.574%
57	7.411	1962	1966	1968	rBV5	1795	1700	0.05%	0.005%
58	7.562	1999	2013	2044	rBV	1435008	2684435	76.97%	8.364%
59	7.849	2091	2102	2133	rBV	288922	541452	15.53%	1.687%
60	7.980	2141	2143	2150	rVB6	3172	3078	0.09%	0.010%
61	8.096	2174	2179	2183	rBV4	1609	1733	0.05%	0.005%
62	8.119	2183	2186	2190	rVV4	1264	1054	0.03%	0.003%
63	8.173	2197	2203	2207	rVB6	2527	3154	0.09%	0.010%
64	8.228	2207	2220	2229	rBV5	24399	46745	1.34%	0.146%
65	8.308	2234	2245	2287	rBV	1315421	2527098	72.46%	7.874%
66	8.665	2354	2356	2361	rBV4	1328	1251	0.04%	0.004%
67	8.704	2365	2368	2372	rVB3	2673	1761	0.05%	0.005%
68	8.746	2378	2381	2382	rBV2	1675	1052	0.03%	0.003%
69	8.890	2423	2426	2427	rBV2	1641	943	0.03%	0.003%
70	8.948	2442	2444	2446	rBV3	1392	732	0.02%	0.002%
71	9.022	2464	2467	2473	rBV7	1297	1473	0.04%	0.005%

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72	9.086	2473	2487	2530	rVV	1643547	2902891	83.24%	9.044%
73	9.386	2577	2580	2586	rVB6	4084	3459	0.10%	0.011%
74	9.556	2629	2633	2636	rBV4	1871	1614	0.05%	0.005%
75	9.659	2662	2665	2667	rBV3	871	633	0.02%	0.002%
76	9.768	2697	2699	2700	rBV2	2092	933	0.03%	0.003%
77	9.884	2731	2735	2737	rBV5	1284	972	0.03%	0.003%
78	9.939	2747	2752	2753	rBV2	1358	1097	0.03%	0.003%
79	9.993	2766	2769	2773	rVB4	1325	1002	0.03%	0.003%
80	10.045	2783	2785	2787	rBV2	1780	795	0.02%	0.002%
81	10.080	2793	2796	2799	rVB3	1207	759	0.02%	0.002%
82	10.173	2822	2825	2834	rVB6	3538	3975	0.11%	0.012%
83	10.215	2834	2838	2840	rBV4	1690	1407	0.04%	0.004%
84	10.228	2840	2842	2845	rVV3	1222	833	0.02%	0.003%
85	10.244	2845	2847	2852	rVV4	1208	901	0.03%	0.003%
86	10.427	2891	2904	2927	rBV	1100260	1786443	51.23%	5.566%
87	10.604	2957	2959	2962	rVB4	2307	1182	0.03%	0.004%
88	10.704	2983	2990	2996	rBV8	1864	2776	0.08%	0.009%
89	10.762	3004	3008	3012	rVB7	2095	2223	0.06%	0.007%
90	10.781	3012	3014	3017	rBV4	2021	1286	0.04%	0.004%
91	10.810	3017	3023	3031	rVV10	5582	9071	0.26%	0.028%
92	10.938	3061	3063	3065	rBV2	1701	1111	0.03%	0.003%
93	11.218	3148	3150	3152	rBV3	1891	1139	0.03%	0.004%
94	11.479	3218	3231	3257	rBV	1676797	2739797	78.56%	8.536%
95	11.855	3336	3348	3374	rBV	1430233	2420620	69.41%	7.542%
96	13.122	3737	3742	3758	rVB6	31809	61443	1.76%	0.191%
97	14.877	4279	4288	4304	rBV3	225477	473702	13.58%	1.476%
98	15.061	4339	4345	4364	rVB2	79919	185877	5.33%	0.579%
99	15.913	4601	4610	4623	rBV2	198545	361991	10.38%	1.128%
100	16.057	4648	4655	4662	rBV2	133941	203247	5.83%	0.633%

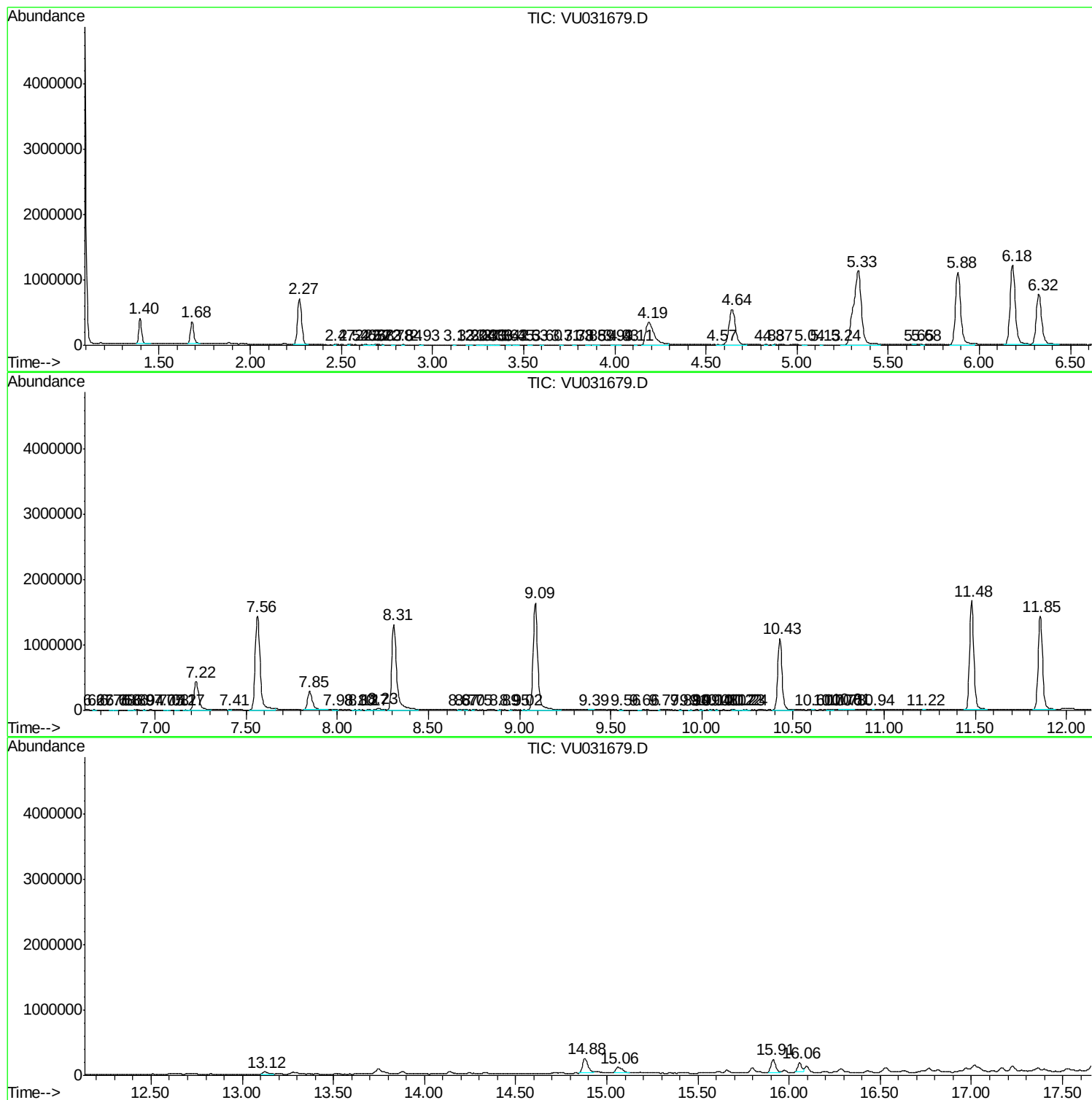
Sum of corrected areas: 32096074

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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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ALS Vial : 11 Sample Multiplier: 1

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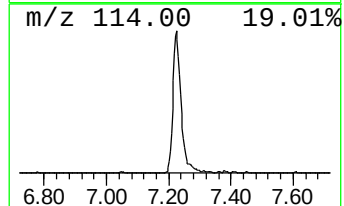
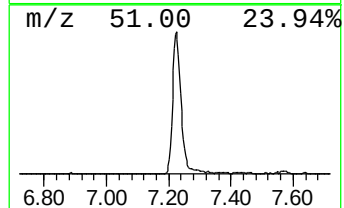
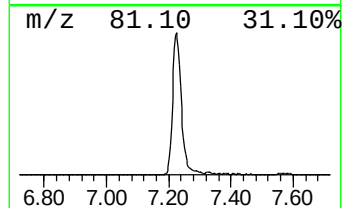
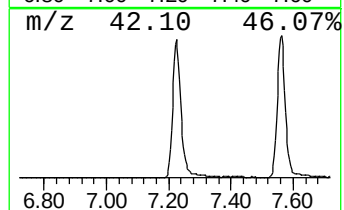
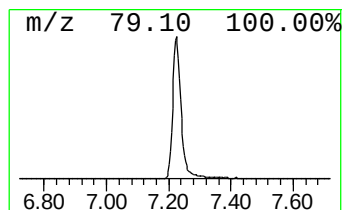
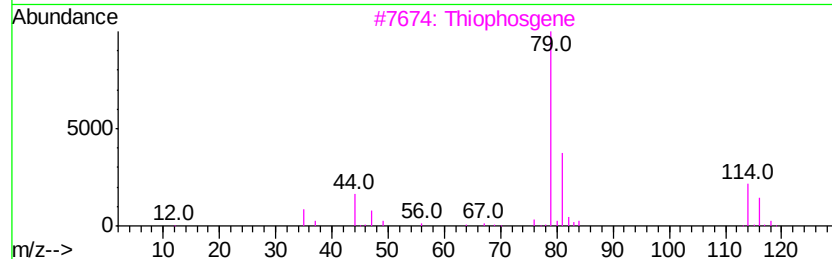
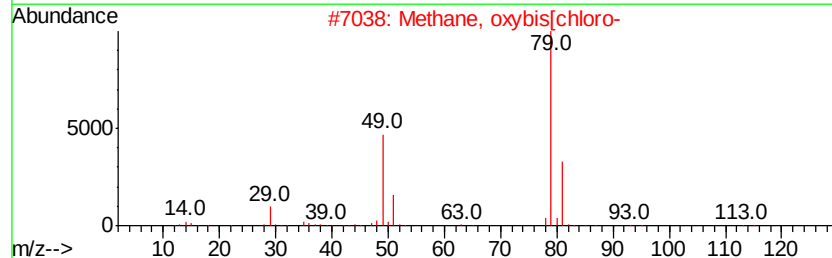
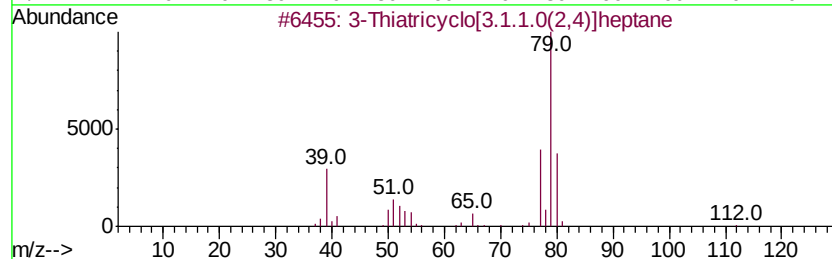
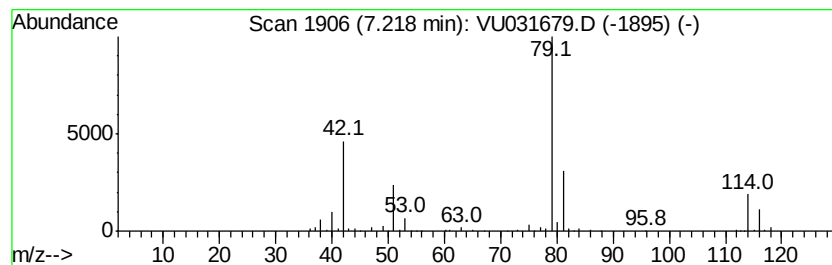
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	17.99 ug/L	826043	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	25
2		Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	23
3		Thiophosgene	114	CCl2S	000463-71-8	16
4		2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	9
5		1,3-Cyclohexadiene	80	C6H8	000592-57-4	9



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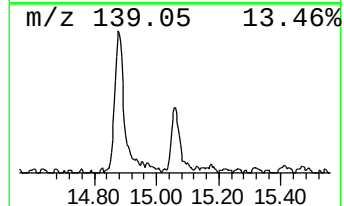
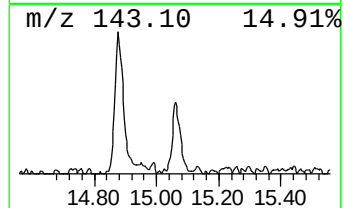
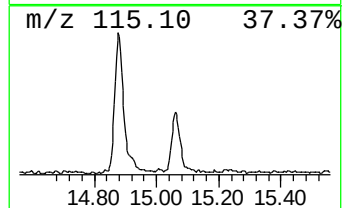
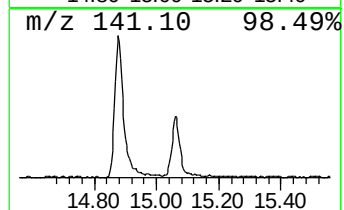
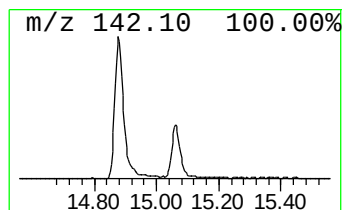
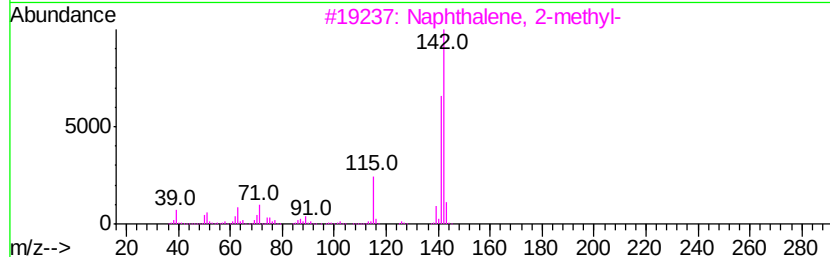
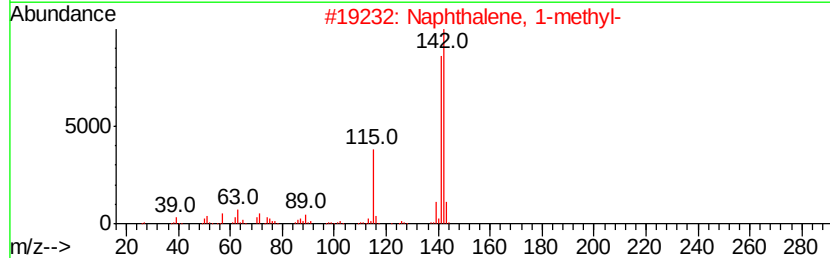
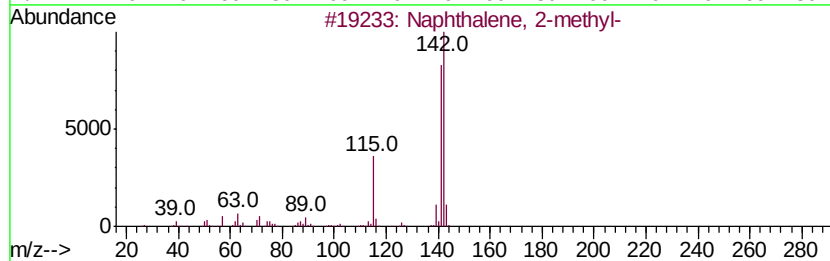
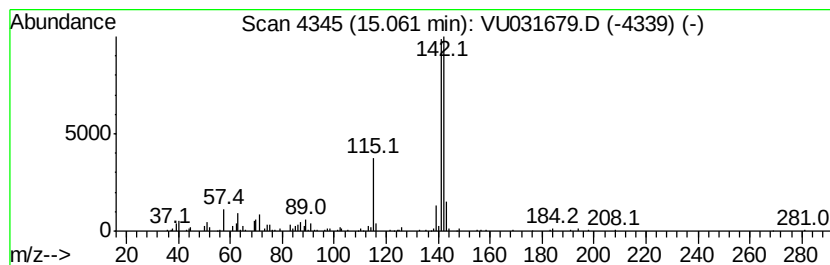
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Quant Title : VOC Analysis

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

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.06	3.39 ug/L	185877	1,4-Dichlorobenzene-d4	11.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 97
2		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 97
3		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 95
4		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 94
5		1,4-Methanonaphthalene, 1,4-dihy...	142 C11H10	004453-90-1 94



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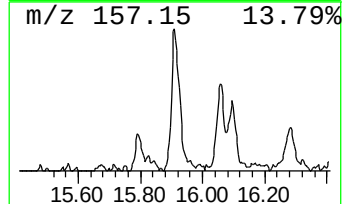
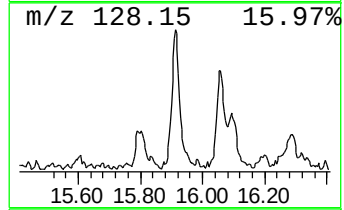
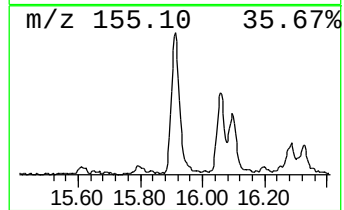
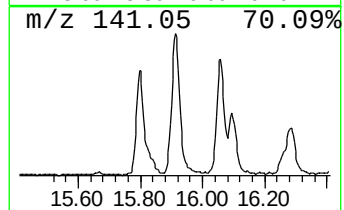
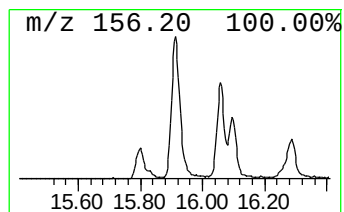
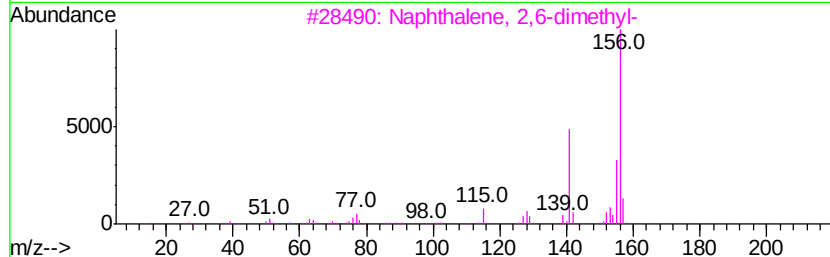
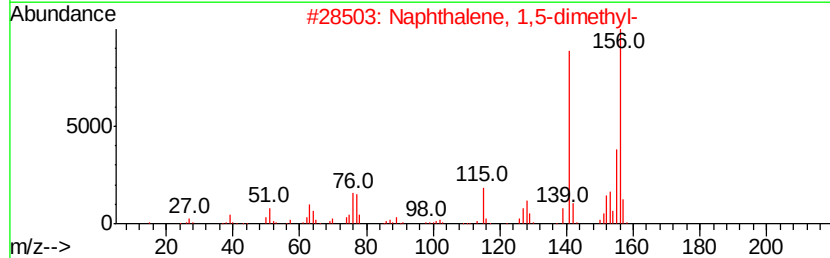
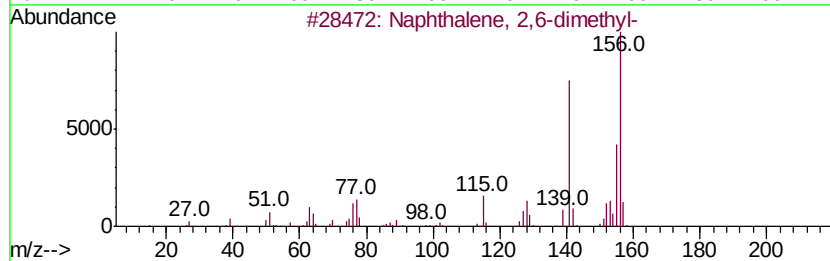
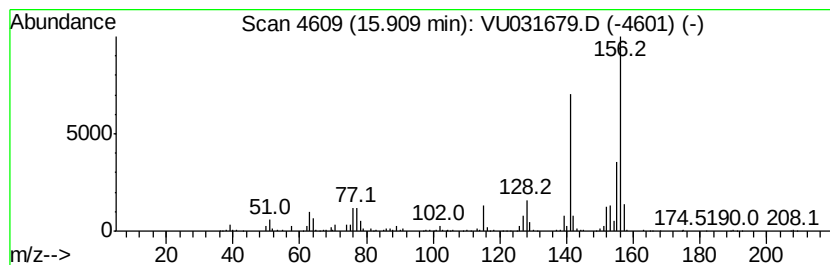
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Quant Title : VOC Analysis

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Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.91	6.61 ug/L	361991	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, 1,5-dimethyl-	156 C12H12	000571-61-9	98
3	Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0	97
4	Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9	97
5	Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1	97



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU050119\
Data File : VU031679.D
Acq On : 01 May 2019 13:10
Operator : JC/SP
Sample : K2593-13DL 2000X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X79DL

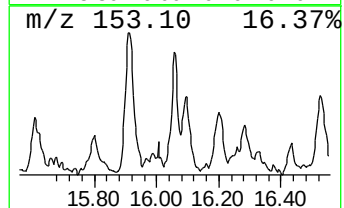
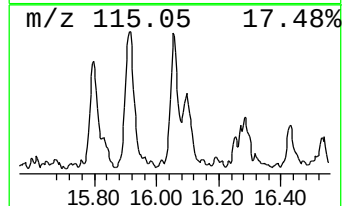
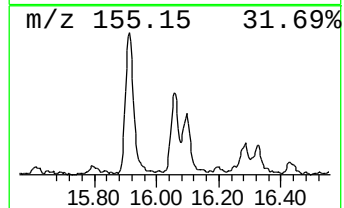
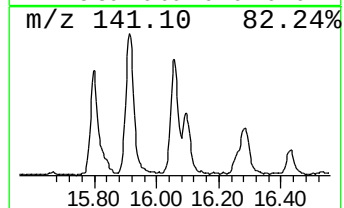
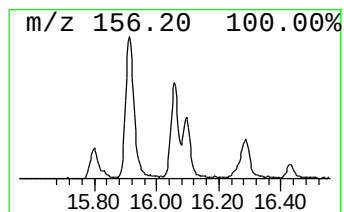
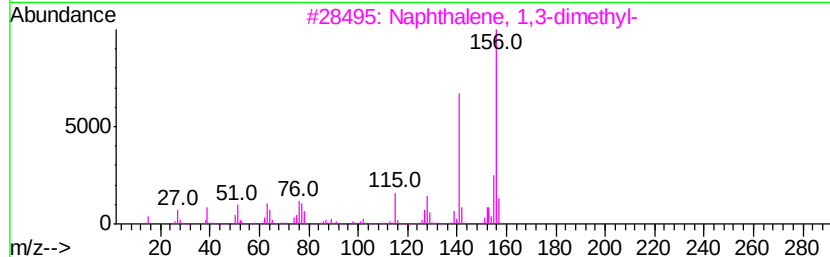
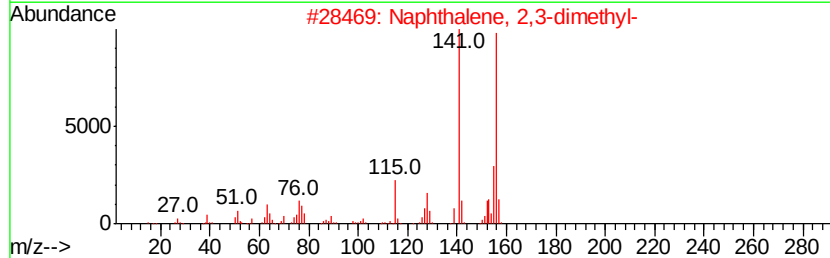
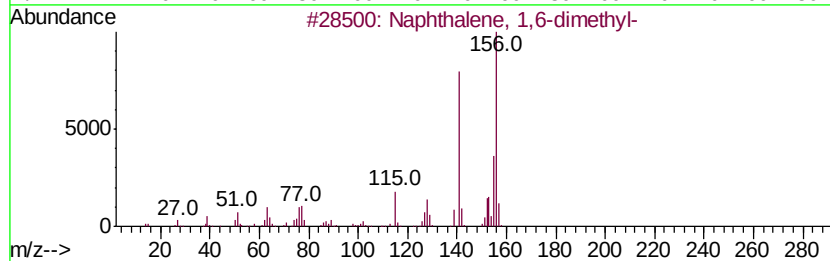
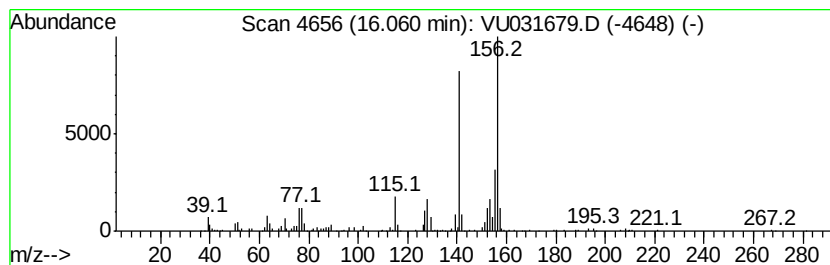
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Quant Title : VOC Analysis

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

Peak Number 5 Naphthalene, 1,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.06	3.71 ug/L	203247	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU050119\
Data File : VU031679.D
Acq On : 01 May 2019 13:10
Operator : JC/SP
Sample : K2593-13DL 2000X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X79DL

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
unknown-01	7.22	18.0	ug/L	826043	1	5.88	2296280	50.0
Naphthalene, 1-me...	15.06	3.4	ug/L	185877	3	11.48	2739800	50.0
Naphthalene, 2,6-...	15.91	6.6	ug/L	361991	3	11.48	2739800	50.0
Naphthalene, 1,6-...	16.06	3.7	ug/L	203247	3	11.48	2739800	50.0