

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042719\
 Data File : VU031568.D
 Acq On : 27 Apr 2019 06:05
 Operator : JC/SP
 Sample : K2593-01 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XB2

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	35	rVB2	17780	16134	0.11%	0.038%
2	1.396	88	95	106	rBV	520712	554603	3.70%	1.314%
3	1.679	175	183	199	rBV	404999	513484	3.43%	1.216%
4	1.884	240	247	255	rVB	74666	99436	0.66%	0.236%
5	2.270	356	367	381	rVB	848416	1306783	8.72%	3.096%
6	2.428	413	416	419	rBV4	2018	1672	0.01%	0.004%
7	2.505	437	440	442	rBV3	1438	1173	0.01%	0.003%
8	2.701	497	501	511	rVB8	5818	9070	0.06%	0.021%
9	2.900	560	563	566	rBV4	1339	914	0.01%	0.002%
10	2.987	586	590	595	rVB5	2054	1868	0.01%	0.004%
11	3.061	611	613	616	rVB2	1791	948	0.01%	0.002%
12	3.087	616	621	622	rBV2	1003	786	0.01%	0.002%
13	3.109	622	628	631	rBV4	1844	1576	0.01%	0.004%
14	3.145	637	639	643	rVB2	1396	826	0.01%	0.002%
15	3.235	660	667	672	rBV4	1682	1975	0.01%	0.005%
16	3.312	687	691	694	rBV3	1022	871	0.01%	0.002%
17	3.460	730	737	743	rBV3	1850	2467	0.02%	0.006%
18	3.505	747	751	758	rBV3	1835	1987	0.01%	0.005%
19	3.627	783	789	790	rBV3	1094	1132	0.01%	0.003%
20	3.810	841	846	849	rVB3	1235	925	0.01%	0.002%
21	3.897	871	873	880	rVB3	1261	970	0.01%	0.002%
22	4.013	905	909	913	rVB	1727	1358	0.01%	0.003%
23	4.035	913	916	919	rBV2	1277	959	0.01%	0.002%
24	4.080	923	930	933	rBV3	1335	1460	0.01%	0.003%
25	4.190	945	964	998	rBV	330680	1090749	7.28%	2.584%
26	4.643	1088	1105	1129	rBV	599460	1427228	9.53%	3.381%
27	5.029	1222	1225	1229	rVB4	1352	1112	0.01%	0.003%
28	5.051	1229	1232	1236	rBV3	1651	1678	0.01%	0.004%
29	5.154	1259	1264	1268	rVB4	1547	1479	0.01%	0.004%
30	5.334	1294	1320	1343	rBV2	1249587	3721939	24.85%	8.818%
31	5.585	1392	1398	1405	rBV6	2269	3404	0.02%	0.008%
32	5.794	1460	1463	1467	rVB3	2412	1465	0.01%	0.003%
33	5.881	1477	1490	1532	rBV	964102	2017346	13.47%	4.779%
34	6.180	1567	1583	1616	rVV	7598950	14978689	100.00%	35.486%

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 Title : VOC Analysis

35	6.325	1618	1628	1654	rVB	840767	1749629	11.68%	4.145%
36	6.656	1728	1731	1734	rVB4	1310	919	0.01%	0.002%
37	6.829	1781	1785	1788	rVB2	1769	1477	0.01%	0.003%
38	6.849	1788	1791	1794	rBV3	1471	1337	0.01%	0.003%
39	6.900	1803	1807	1809	rBV3	1422	1104	0.01%	0.003%
40	6.929	1813	1816	1818	rBV3	1824	1185	0.01%	0.003%
41	6.964	1824	1827	1835	rVB5	2161	2174	0.01%	0.005%
42	7.006	1835	1840	1843	rBV4	1664	1609	0.01%	0.004%
43	7.083	1861	1864	1870	rVB4	1437	1430	0.01%	0.003%
44	7.119	1870	1875	1878	rBV2	1947	1384	0.01%	0.003%
45	7.145	1878	1883	1886	rVB5	1513	1282	0.01%	0.003%
46	7.225	1896	1908	1936	rBV	411042	782401	5.22%	1.854%
47	7.408	1962	1965	1969	rBV4	1331	1193	0.01%	0.003%
48	7.563	1999	2013	2064	rBV	1472722	2827845	18.88%	6.699%
49	7.849	2091	2102	2127	rBV	264515	497600	3.32%	1.179%
50	8.225	2208	2219	2232	rBV2	75527	132745	0.89%	0.314%
51	8.312	2235	2246	2287	rBV	1155143	2279912	15.22%	5.401%
52	8.704	2363	2368	2373	rBV5	2192	2229	0.01%	0.005%
53	8.775	2386	2390	2394	rBV6	1027	1183	0.01%	0.003%
54	8.890	2423	2426	2428	rBV4	1462	1096	0.01%	0.003%
55	8.968	2447	2450	2456	rVB5	1138	1092	0.01%	0.003%
56	9.087	2471	2487	2526	rBV	1370587	2434246	16.25%	5.767%
57	9.286	2544	2549	2551	rBV4	1028	952	0.01%	0.002%
58	9.302	2551	2554	2559	rVB5	1404	1301	0.01%	0.003%
59	9.447	2596	2599	2602	rBV3	1018	923	0.01%	0.002%
60	9.508	2614	2618	2623	rBV4	1629	1789	0.01%	0.004%
61	9.588	2641	2643	2649	rVB5	1960	1440	0.01%	0.003%
62	9.624	2650	2654	2659	rBV4	1089	1109	0.01%	0.003%
63	9.656	2659	2664	2667	rBV5	1189	1050	0.01%	0.002%
64	9.714	2679	2682	2685	rBV2	1736	1227	0.01%	0.003%
65	9.749	2689	2693	2698	rBV3	1661	1464	0.01%	0.003%
66	9.778	2698	2702	2705	rBV4	1020	856	0.01%	0.002%
67	9.874	2729	2732	2736	rVB3	1456	1229	0.01%	0.003%
68	9.897	2736	2739	2741	rBV3	2201	1524	0.01%	0.004%
69	9.961	2755	2759	2762	rBV2	1405	1352	0.01%	0.003%
70	10.025	2774	2779	2781	rBV4	1293	1138	0.01%	0.003%
71	10.077	2792	2795	2800	rVB4	1127	866	0.01%	0.002%

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 Title : VOC Analysis

72	10.148	2814	2817	2819	rBV2	1054	805	0.01%	0.002%
73	10.276	2855	2857	2861	rVB2	1599	993	0.01%	0.002%
74	10.427	2891	2904	2929	rBV	1052947	1703492	11.37%	4.036%
75	10.601	2955	2958	2960	rBV3	1878	1409	0.01%	0.003%
76	10.659	2971	2976	2979	rBV3	1124	1057	0.01%	0.003%
77	10.707	2989	2991	2997	rVB4	1655	1043	0.01%	0.002%
78	10.762	3005	3008	3011	rBV2	1550	1112	0.01%	0.003%
79	10.871	3037	3042	3043	rBV3	1273	1075	0.01%	0.003%
80	11.077	3101	3106	3111	rBV5	1606	1472	0.01%	0.003%
81	11.193	3137	3142	3144	rBV2	1000	914	0.01%	0.002%
82	11.337	3184	3187	3189	rBV2	1427	964	0.01%	0.002%
83	11.427	3212	3215	3218	rBV3	1578	1318	0.01%	0.003%
84	11.482	3219	3232	3262	rVV	1137759	1876110	12.53%	4.445%
85	11.855	3336	3348	3367	rBV	1248775	2085795	13.93%	4.941%
86	12.385	3509	3513	3515	rBV2	2195	1595	0.01%	0.004%
87	12.418	3520	3523	3525	rBV3	2056	1315	0.01%	0.003%
88	12.672	3599	3602	3607	rBV4	1327	1415	0.01%	0.003%
89	12.746	3619	3625	3626	rBV4	1555	1242	0.01%	0.003%
90	12.955	3687	3690	3693	rVB2	1392	980	0.01%	0.002%
91	13.009	3703	3707	3711	rBV2	1116	1149	0.01%	0.003%
92	13.061	3720	3723	3726	rBV2	1578	1061	0.01%	0.003%
93	13.125	3738	3743	3745	rBV3	2214	1531	0.01%	0.004%
94	13.717	3924	3927	3930	rBV	1522	939	0.01%	0.002%
95	13.983	4007	4010	4013	rVB4	1472	1013	0.01%	0.002%
96	14.009	4014	4018	4021	rBV3	2263	2221	0.01%	0.005%
97	14.154	4060	4063	4064	rBV3	1347	806	0.01%	0.002%
98	14.266	4095	4098	4102	rBV4	2202	2290	0.02%	0.005%
99	14.540	4180	4183	4185	rBV3	1811	1151	0.01%	0.003%
100	15.482	4473	4476	4479	rBV4	2694	2026	0.01%	0.005%

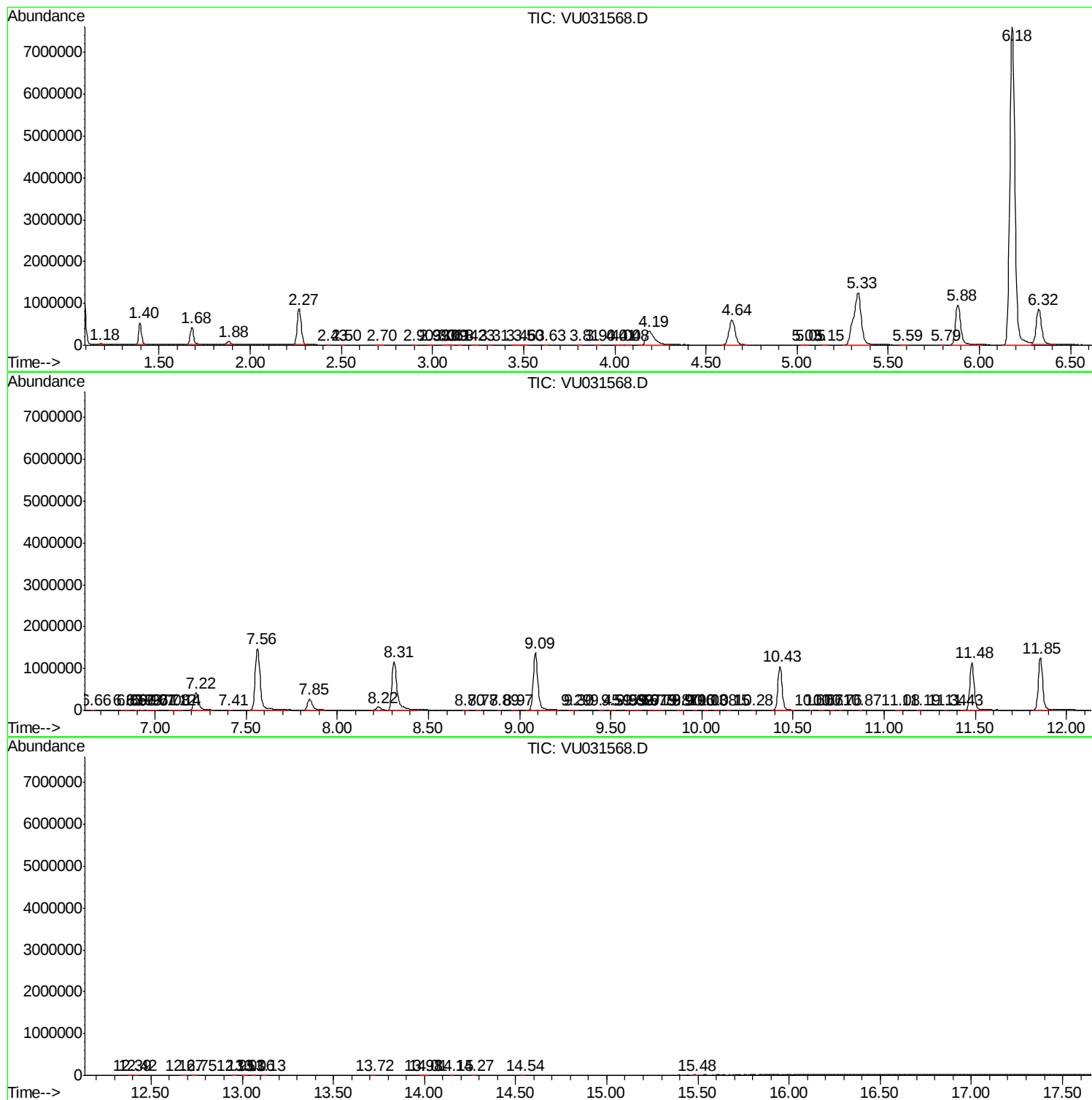
Sum of corrected areas: 42210051

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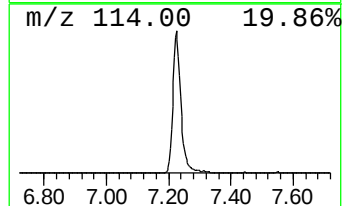
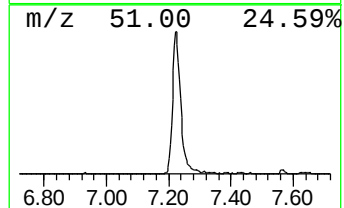
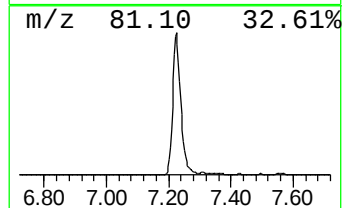
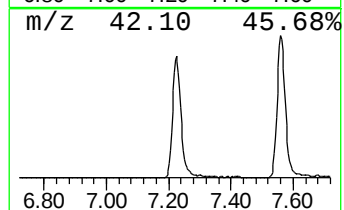
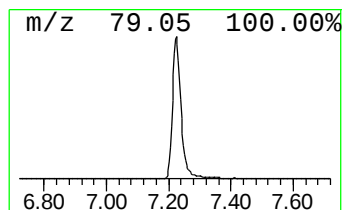
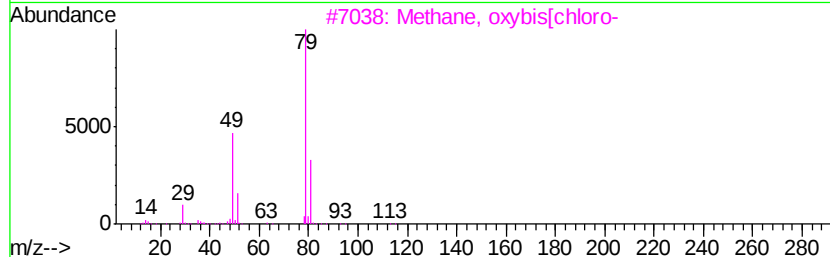
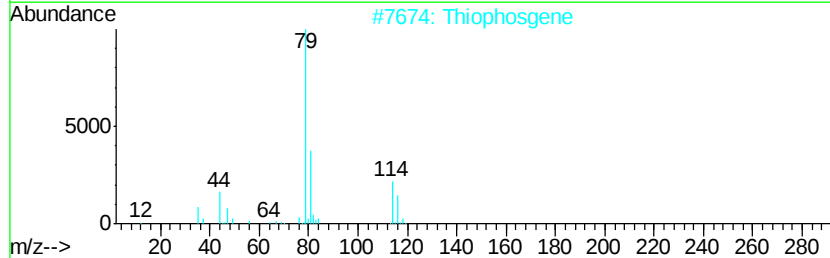
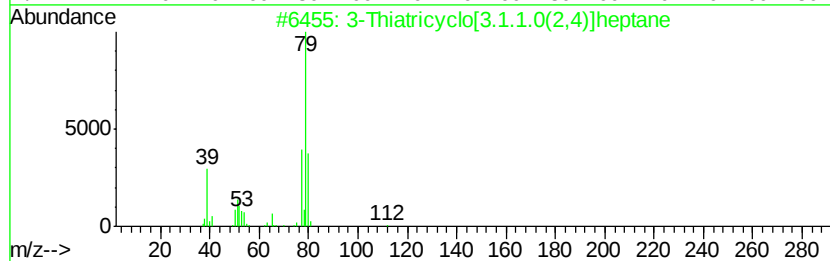
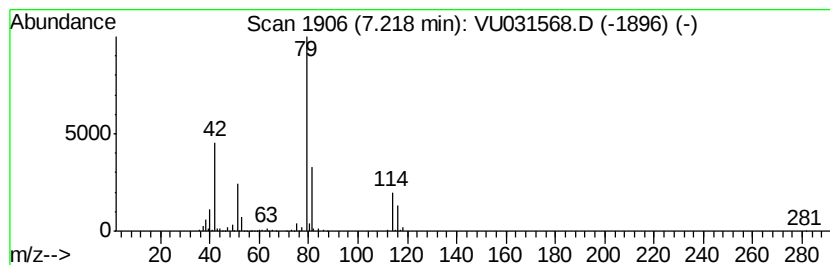
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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	19.39 ug/L	782401	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		Thiophosgene	114	CCl2S	000463-71-8	25
3		Methane, oxvbis[chloro-	114	C2H4Cl2O	000542-88-1	23
4		1,3-Cyclohexadiene	80	C6H8	000592-57-4	23
5		2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	23



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	7.22	19.4	ug/L	782401	1	5.88	2017350	50.0