

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121019\
 Data File : VV013994.D
 Acq On : 10 Dec 2019 18:13
 Operator : SY/MD
 Sample : K6202-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0C12

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_V\METHOD\SOMVLM120219WMA.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	1.318	65	71	83	rVB	233413	234044	12.88%	1.660%
2	1.560	141	146	157	rVB	243223	278057	15.31%	1.972%
3	2.122	313	321	336	rVB	510299	704190	38.76%	4.994%
4	2.891	558	560	562	rBV4	996	407	0.02%	0.003%
5	2.929	568	572	575	rBV5	1882	1456	0.08%	0.010%
6	3.093	618	623	625	rBV4	924	660	0.04%	0.005%
7	3.129	629	634	636	rBV5	1557	1133	0.06%	0.008%
8	3.170	644	647	648	rBV3	1298	685	0.04%	0.005%
9	3.180	648	650	655	rVB5	1392	703	0.04%	0.005%
10	3.244	668	670	671	rBV	947	360	0.02%	0.003%
11	3.293	682	685	687	rBV3	953	504	0.03%	0.004%
12	3.309	688	690	691	rBV	1128	413	0.02%	0.003%
13	3.402	715	719	721	rBV2	1111	791	0.04%	0.006%
14	3.434	727	729	731	rBV2	728	494	0.03%	0.004%
15	3.511	749	753	755	rBV3	970	641	0.04%	0.005%
16	3.611	783	784	787	rVV2	946	465	0.03%	0.003%
17	3.637	790	792	794	rVB2	956	367	0.02%	0.003%
18	3.691	807	809	810	rBV2	841	395	0.02%	0.003%
19	3.749	824	827	830	rBV3	926	612	0.03%	0.004%
20	3.791	837	840	841	rBV3	826	380	0.02%	0.003%
21	3.881	864	868	870	rBV4	855	755	0.04%	0.005%
22	3.920	870	880	912	rBV	140503	383369	21.10%	2.719%
23	4.235	976	978	980	rBV2	1082	427	0.02%	0.003%
24	4.267	985	988	989	rBV2	749	460	0.03%	0.003%
25	4.315	1001	1003	1005	rBV3	1424	663	0.04%	0.005%
26	4.392	1013	1027	1050	rBV	317327	744415	40.98%	5.279%
27	4.595	1087	1090	1094	rBV3	1172	994	0.05%	0.007%
28	4.650	1105	1107	1110	rVB3	948	417	0.02%	0.003%
29	4.669	1110	1113	1114	rBV2	1377	789	0.04%	0.006%
30	4.756	1138	1140	1143	rBV3	923	541	0.03%	0.004%
31	4.923	1185	1192	1193	rBV4	1639	1402	0.08%	0.010%
32	4.942	1196	1198	1202	rVV3	697	477	0.03%	0.003%
33	4.987	1208	1212	1214	rBV4	1183	821	0.05%	0.006%
34	5.006	1214	1218	1223	rVB5	1697	1271	0.07%	0.009%

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 Title : VOC Analysis

35	5.090	1223	1244	1269	rBV2	716635	1816678	100.00%	12.883%
36	5.550	1386	1387	1388	rBV	1135	367	0.02%	0.003%
37	5.659	1407	1421	1444	rBV	654628	1296934	71.39%	9.198%
38	6.112	1549	1562	1581	rBV	396354	797139	43.88%	5.653%
39	6.543	1694	1696	1698	rBV3	1523	945	0.05%	0.007%
40	6.585	1707	1709	1715	rVB6	1653	1118	0.06%	0.008%
41	6.608	1715	1716	1718	rBV2	870	446	0.02%	0.003%
42	6.936	1814	1818	1819	rBV2	624	475	0.03%	0.003%
43	7.026	1827	1846	1862	rBV	207020	369669	20.35%	2.622%
44	7.235	1909	1911	1915	rBV5	1458	975	0.05%	0.007%
45	7.357	1937	1949	1968	rBV	765438	1314885	72.38%	9.325%
46	7.614	2026	2029	2032	rBV5	1312	959	0.05%	0.007%
47	7.659	2033	2043	2060	rVV	143421	244846	13.48%	1.736%
48	7.842	2097	2100	2102	rBV4	1644	873	0.05%	0.006%
49	7.865	2105	2107	2110	rVB2	1473	771	0.04%	0.005%
50	7.913	2117	2122	2125	rBV7	1295	1272	0.07%	0.009%
51	7.968	2135	2139	2143	rBV5	3576	3662	0.20%	0.026%
52	8.128	2178	2189	2230	rBV2	397929	845209	46.52%	5.994%
53	8.620	2340	2342	2345	rBV4	937	578	0.03%	0.004%
54	8.752	2382	2383	2388	rVB3	1328	799	0.04%	0.006%
55	8.781	2388	2392	2394	rBV4	1013	1015	0.06%	0.007%
56	8.810	2398	2401	2406	rVB5	1197	859	0.05%	0.006%
57	8.836	2406	2409	2411	rVB	1330	732	0.04%	0.005%
58	8.890	2411	2426	2445	rBV	972195	1580795	87.02%	11.211%
59	9.263	2539	2542	2544	rBV3	1342	790	0.04%	0.006%
60	9.495	2611	2614	2618	rVB3	1362	893	0.05%	0.006%
61	9.579	2634	2640	2642	rBV5	2193	1765	0.10%	0.013%
62	9.640	2657	2659	2661	rBV2	873	494	0.03%	0.004%
63	9.669	2667	2668	2672	rVB3	867	384	0.02%	0.003%
64	9.704	2677	2679	2681	rBV2	832	467	0.03%	0.003%
65	9.807	2707	2711	2712	rBV2	677	431	0.02%	0.003%
66	9.887	2734	2736	2739	rBV3	946	606	0.03%	0.004%
67	9.958	2753	2758	2759	rBV3	2119	1261	0.07%	0.009%
68	10.025	2778	2779	2781	rVB3	1316	375	0.02%	0.003%
69	10.042	2781	2784	2785	rBV3	895	524	0.03%	0.004%
70	10.180	2824	2827	2828	rBV2	985	565	0.03%	0.004%
71	10.257	2838	2851	2865	rBV	567221	897383	49.40%	6.364%

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72	10.707	2989	2991	2994	rBV3	752	450	0.02%	0.003%
73	10.791	3015	3017	3020	rVB3	1449	718	0.04%	0.005%
74	10.823	3025	3027	3029	rVB2	1034	424	0.02%	0.003%
75	10.881	3040	3045	3046	rBV3	1543	1248	0.07%	0.009%
76	10.923	3053	3058	3060	rBV5	1347	1189	0.07%	0.008%
77	11.000	3078	3082	3084	rBV4	1454	1133	0.06%	0.008%
78	11.013	3084	3086	3090	rVB3	1227	732	0.04%	0.005%
79	11.058	3098	3100	3103	rVB2	1242	556	0.03%	0.004%
80	11.083	3103	3108	3109	rBV3	1674	1428	0.08%	0.010%
81	11.135	3122	3124	3125	rBV2	908	414	0.02%	0.003%
82	11.186	3138	3140	3144	rBV3	714	528	0.03%	0.004%
83	11.215	3144	3149	3152	rBV7	3252	3244	0.18%	0.023%
84	11.289	3160	3172	3190	rBV	841479	1318556	72.58%	9.351%
85	11.665	3278	3289	3306	rBV	772413	1203607	66.25%	8.536%
86	12.000	3390	3393	3396	rVB4	2008	1378	0.08%	0.010%
87	12.135	3431	3435	3439	rBV5	1597	1679	0.09%	0.012%
88	12.173	3443	3447	3451	rBV6	1005	1144	0.06%	0.008%
89	12.257	3470	3473	3477	rBV3	1001	967	0.05%	0.007%
90	12.492	3543	3546	3548	rBV5	1726	1033	0.06%	0.007%
91	12.787	3636	3638	3639	rBV	973	358	0.02%	0.003%
92	12.800	3639	3642	3649	rVV7	1997	1718	0.09%	0.012%
93	12.900	3671	3673	3676	rBV3	1421	1003	0.06%	0.007%
94	12.977	3695	3697	3698	rBV	1105	598	0.03%	0.004%
95	13.041	3715	3717	3719	rBV2	892	534	0.03%	0.004%
96	13.157	3750	3753	3754	rBV3	1366	853	0.05%	0.006%
97	13.247	3779	3781	3782	rBV2	1129	487	0.03%	0.003%
98	13.289	3791	3794	3795	rBV2	1939	1058	0.06%	0.008%
99	13.627	3897	3899	3902	rBV3	1499	857	0.05%	0.006%
100	14.295	4104	4107	4108	rBV3	2461	1472	0.08%	0.010%

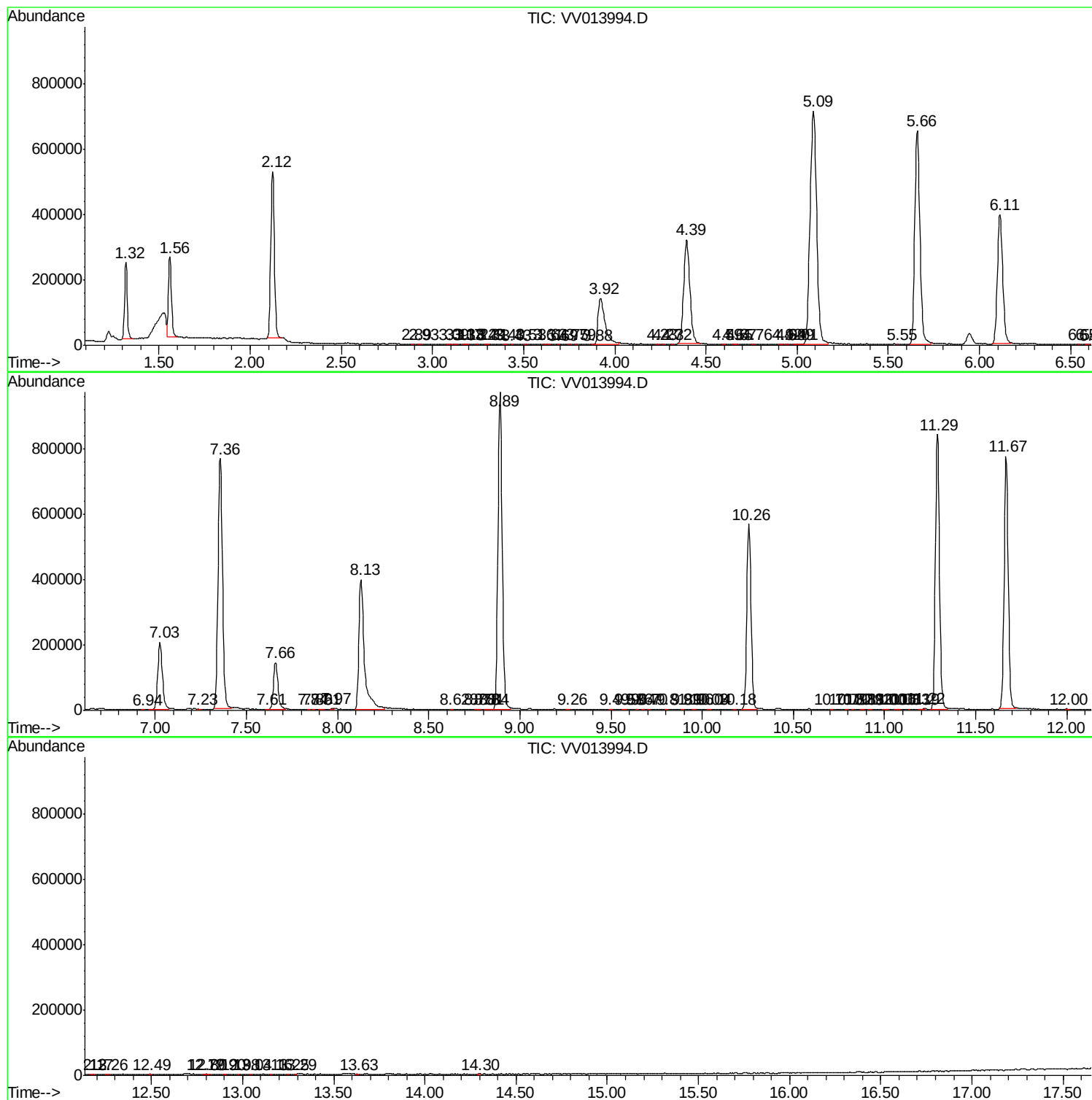
Sum of corrected areas: 14100863

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

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



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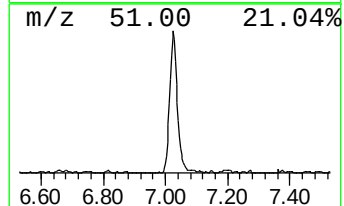
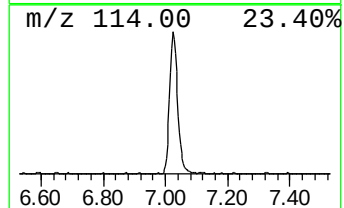
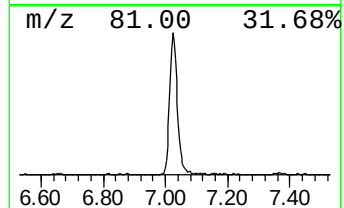
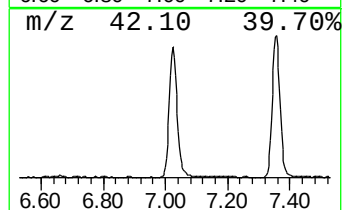
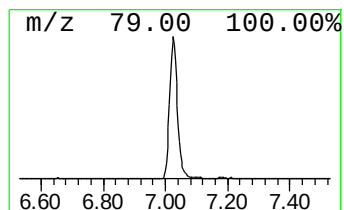
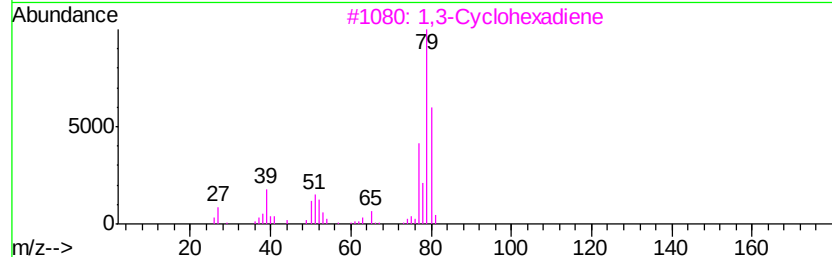
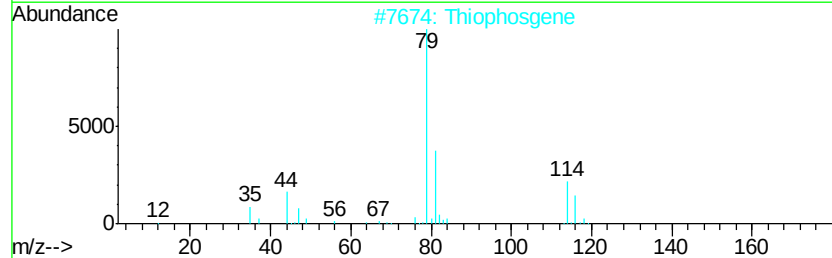
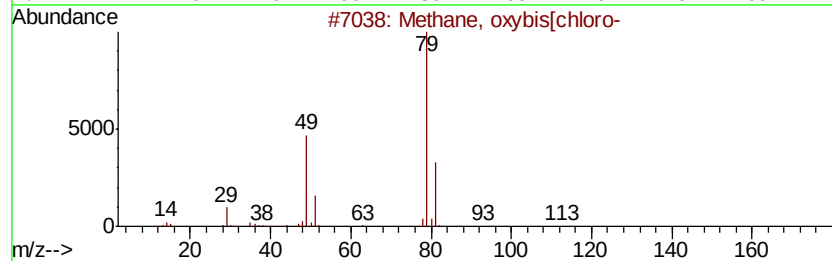
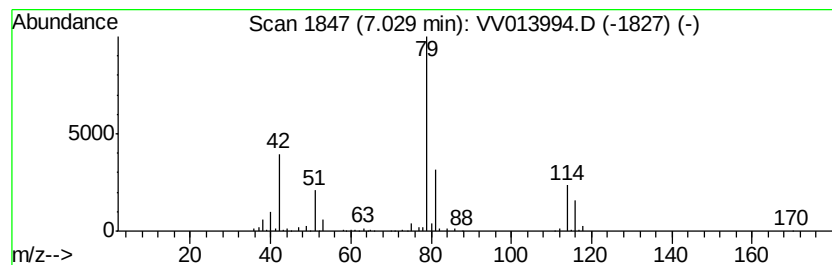
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	14.25 ug/L	369669	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	47
2		Thiophosgene	114	CCl2S	000463-71-8	38
3		1,3-Cyclohexadiene	80	C6H8	000592-57-4	25
4		Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	25
5		3-Thiatricyclo[3.1.1.0(2,4)]heptane	112	C6H8S	1000221-37-0	9



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	7.03	14.3	ug/L	369669	1	5.66	1296930	50.0