

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042523\
 Data File : VV030871.D
 Acq On : 26 Apr 2023 05:30
 Operator : SY/MD
 Sample : 02474-17 200X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AT9

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Title : VOC Analysis

Signal : TIC: VV030871.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.282	69	75	90	rVB	91350	101198	12.96%	1.480%
2	1.536	148	154	168	rVB	88591	106014	13.57%	1.550%
3	2.066	310	319	333	rVB	182390	262622	33.62%	3.841%
4	2.310	393	395	398	rBV4	1227	668	0.09%	0.010%
5	2.487	447	450	453	rBV5	1652	1017	0.13%	0.015%
6	2.587	479	481	485	rVV5	1193	640	0.08%	0.009%
7	2.700	513	516	522	rVB7	2140	2081	0.27%	0.030%
8	2.732	522	526	530	rBV6	1464	1570	0.20%	0.023%
9	2.822	552	554	556	rBV2	977	552	0.07%	0.008%
10	2.902	576	579	583	rBV5	1328	945	0.12%	0.014%
11	3.005	608	611	613	rBV2	1368	753	0.10%	0.011%
12	3.034	617	620	623	rVB5	1432	979	0.13%	0.014%
13	3.047	623	624	627	rBV4	924	529	0.07%	0.008%
14	3.243	680	685	687	rBV6	1167	1140	0.15%	0.017%
15	3.368	722	724	727	rVB3	1355	638	0.08%	0.009%
16	3.494	759	763	765	rBV5	1152	908	0.12%	0.013%
17	3.677	817	820	824	rBV4	876	652	0.08%	0.010%
18	3.799	849	858	888	rBV	48153	143477	18.37%	2.098%
19	4.095	947	950	955	rBV6	1249	1071	0.14%	0.016%
20	4.162	969	971	973	rBV3	1340	572	0.07%	0.008%
21	4.259	988	1001	1028	rVB	128754	327018	41.86%	4.782%
22	4.670	1125	1129	1131	rBV6	1546	939	0.12%	0.014%
23	4.722	1143	1145	1149	rVB4	1847	1216	0.16%	0.018%
24	4.748	1149	1153	1154	rBV4	1390	1000	0.13%	0.015%
25	4.822	1171	1176	1178	rBV5	947	705	0.09%	0.010%
26	4.886	1193	1196	1200	rBV6	1260	1107	0.14%	0.016%
27	4.966	1202	1221	1244	rBV3	294932	781137	100.00%	11.423%
28	5.314	1327	1329	1331	rBV3	1303	809	0.10%	0.012%
29	5.542	1387	1400	1421	rBV	254034	531047	67.98%	7.766%
30	5.760	1466	1468	1474	rBV5	1217	1134	0.15%	0.017%
31	5.841	1480	1493	1518	rBV	384687	769252	98.48%	11.250%
32	5.998	1531	1542	1562	rVB	171913	352286	45.10%	5.152%
33	6.397	1664	1666	1670	rBV4	1765	1303	0.17%	0.019%
34	6.613	1728	1733	1735	rBV4	1462	1365	0.17%	0.020%
35	6.680	1752	1754	1757	rBV4	1172	678	0.09%	0.010%
36	6.764	1778	1780	1784	rBV4	790	637	0.08%	0.009%

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 Title : VOC Analysis

37	6.918	1819	1828	1845	rBV	85209	159637	20.44%	2.335%
38	7.133	1891	1895	1896	rBV5	1250	854	0.11%	0.012%
39	7.249	1920	1931	1950	rBV	329365	591650	75.74%	8.652%
40	7.561	2018	2028	2041	rBV	62954	113474	14.53%	1.659%
41	7.709	2072	2074	2076	rBV3	1161	710	0.09%	0.010%
42	7.841	2113	2115	2118	rBV4	1316	760	0.10%	0.011%
43	7.969	2153	2155	2159	rVB5	1001	698	0.09%	0.010%
44	7.998	2159	2164	2165	rBV4	1044	798	0.10%	0.012%
45	8.034	2165	2175	2191	rBV	152314	287190	36.77%	4.200%
46	8.465	2307	2309	2310	rBV2	1075	514	0.07%	0.008%
47	8.638	2359	2363	2364	rBV3	1682	799	0.10%	0.012%
48	8.715	2383	2387	2389	rBV5	987	798	0.10%	0.012%
49	8.738	2392	2394	2399	rVB5	2255	1362	0.17%	0.020%
50	8.793	2399	2411	2438	rBV	397021	668549	85.59%	9.777%
51	8.982	2468	2470	2472	rBV3	1044	662	0.08%	0.010%
52	9.104	2504	2508	2510	rBV4	1434	866	0.11%	0.013%
53	9.288	2563	2565	2568	rVB4	1476	820	0.10%	0.012%
54	9.371	2589	2591	2594	rVB5	1217	487	0.06%	0.007%
55	9.526	2633	2639	2645	rVB9	1412	2011	0.26%	0.029%
56	9.680	2682	2687	2689	rBV4	1510	1169	0.15%	0.017%
57	9.731	2700	2703	2704	rBV3	1901	1028	0.13%	0.015%
58	9.783	2717	2719	2721	rBV2	832	540	0.07%	0.008%
59	9.979	2778	2780	2783	rBV4	1140	647	0.08%	0.009%
60	10.098	2812	2817	2820	rVB7	1561	1253	0.16%	0.018%
61	10.159	2823	2836	2855	rBV	236684	385484	49.35%	5.637%
62	10.500	2939	2942	2945	rVB4	1254	657	0.08%	0.010%
63	10.645	2985	2987	2994	rVB7	974	611	0.08%	0.009%
64	10.831	3043	3045	3047	rBV4	1641	784	0.10%	0.011%
65	10.960	3081	3085	3087	rBV4	1169	878	0.11%	0.013%
66	11.191	3146	3157	3179	rBV	386233	615171	78.75%	8.996%
67	11.403	3221	3223	3226	rVB3	1252	623	0.08%	0.009%
68	11.452	3235	3238	3241	rBV5	1266	799	0.10%	0.012%
69	11.526	3259	3261	3262	rBV2	1701	719	0.09%	0.011%
70	11.567	3263	3274	3294	rVV	348282	572685	73.31%	8.375%
71	11.831	3354	3356	3358	rBV3	1283	662	0.08%	0.010%
72	12.040	3419	3421	3425	rBV4	1249	599	0.08%	0.009%
73	12.220	3475	3477	3482	rVB5	1226	975	0.12%	0.014%
74	12.304	3501	3503	3507	rBV3	993	759	0.10%	0.011%
75	12.326	3507	3510	3512	rVV4	867	610	0.08%	0.009%
76	12.378	3525	3526	3529	rBV3	804	505	0.06%	0.007%

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 Title : VOC Analysis

77	12.413	3532	3537	3538	rBV5	609	515	0.07%	0.008%
78	12.513	3564	3568	3570	rBV4	1272	762	0.10%	0.011%
79	12.812	3657	3661	3663	rBV4	1123	729	0.09%	0.011%
80	12.828	3664	3666	3668	rBV3	1203	516	0.07%	0.008%
81	12.876	3677	3681	3684	rBV6	1408	754	0.10%	0.011%
82	12.947	3700	3703	3706	rBV5	1643	1166	0.15%	0.017%
83	13.140	3759	3763	3765	rBV3	1051	867	0.11%	0.013%
84	13.175	3772	3774	3777	rVB2	1284	532	0.07%	0.008%
85	13.265	3799	3802	3805	rBV5	1105	1007	0.13%	0.015%
86	13.278	3805	3806	3810	rVB4	1198	748	0.10%	0.011%
87	13.352	3827	3829	3831	rBV3	1074	515	0.07%	0.008%
88	13.387	3839	3840	3842	rBV2	1022	491	0.06%	0.007%
89	13.423	3848	3851	3854	rBV4	1446	921	0.12%	0.013%
90	13.587	3899	3902	3904	rBV4	1676	1085	0.14%	0.016%
91	13.731	3944	3947	3950	rBV3	1346	928	0.12%	0.014%
92	13.767	3956	3958	3961	rBV3	1052	655	0.08%	0.010%
93	13.808	3969	3971	3975	rVB5	1358	956	0.12%	0.014%
94	13.847	3981	3983	3987	rVV4	1319	679	0.09%	0.010%
95	14.024	4035	4038	4043	rVB6	1168	1254	0.16%	0.018%
96	14.056	4046	4048	4051	rVV4	1339	700	0.09%	0.010%
97	14.082	4054	4056	4058	rBV2	1275	723	0.09%	0.011%
98	14.156	4077	4079	4080	rBV2	1067	523	0.07%	0.008%
99	14.316	4127	4129	4132	rVV3	1568	631	0.08%	0.009%
100	14.332	4132	4134	4139	rVB5	1665	921	0.12%	0.013%

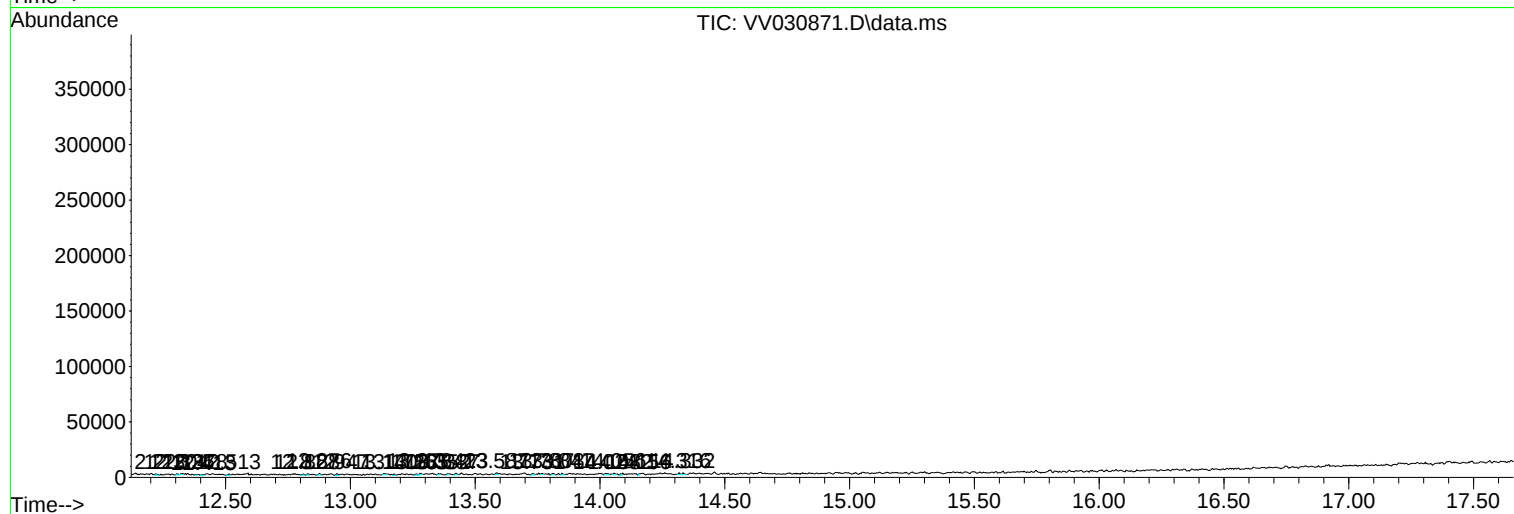
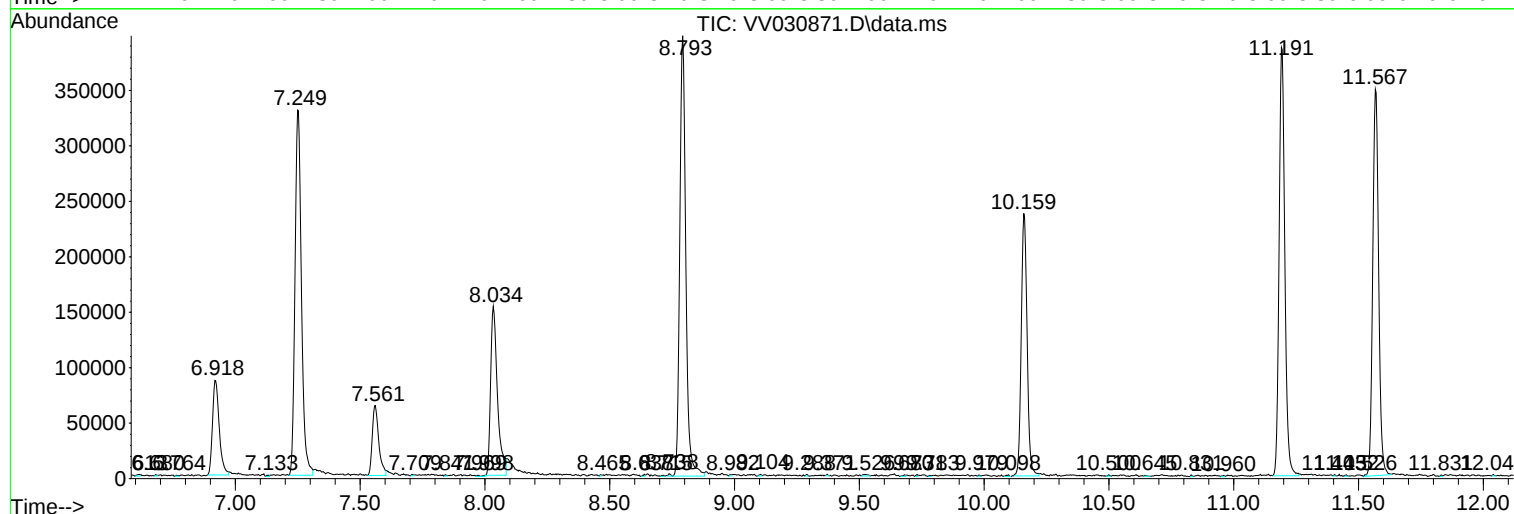
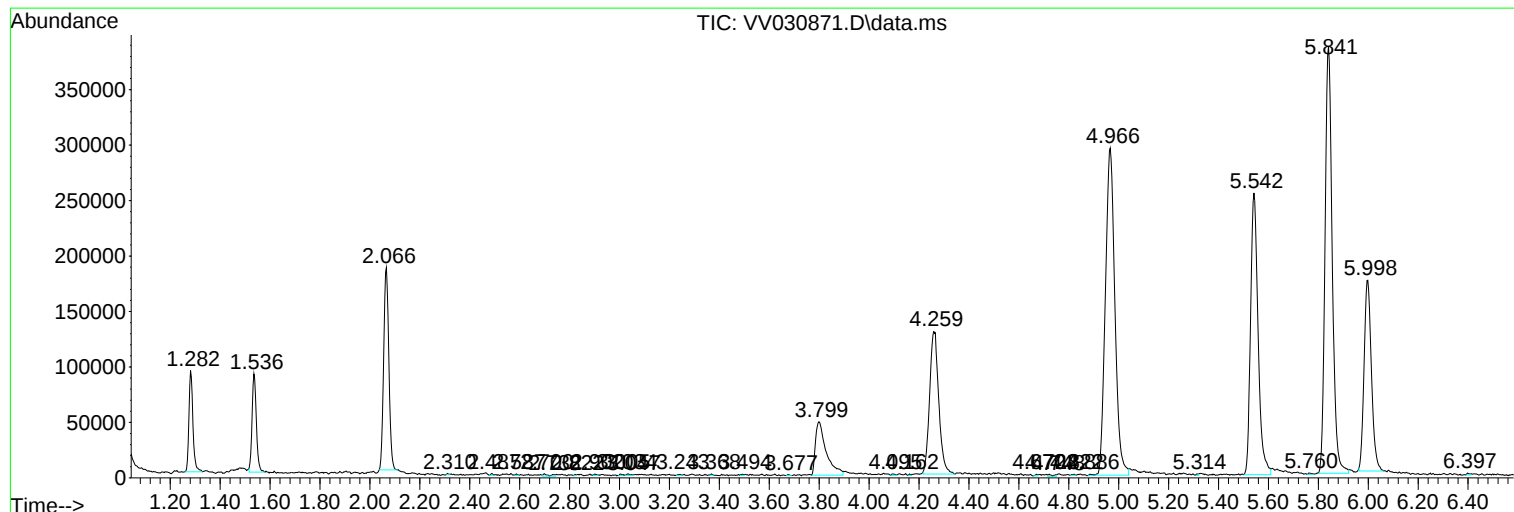
Sum of corrected areas: 6838034

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C0AT9

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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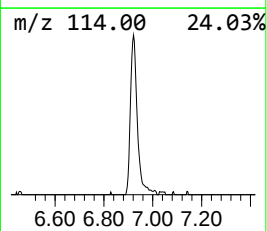
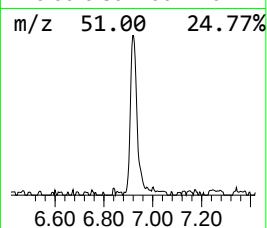
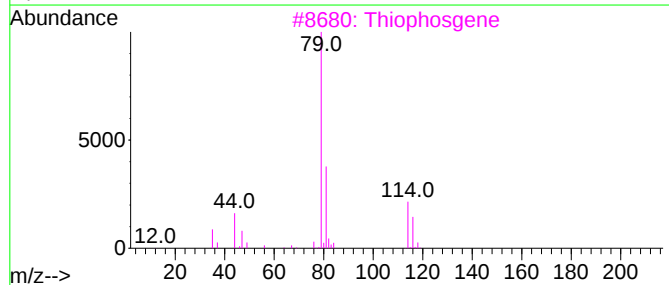
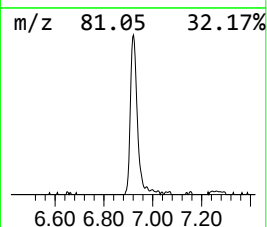
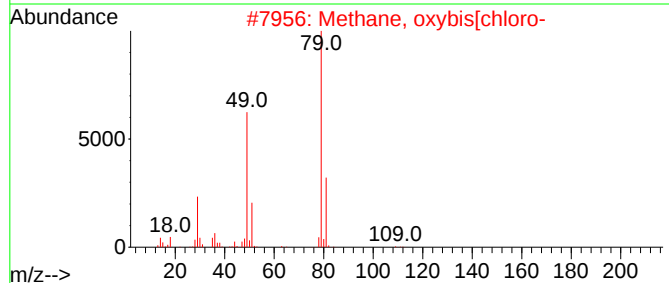
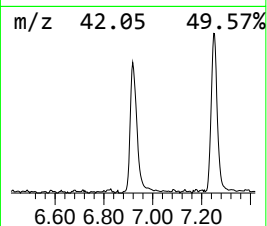
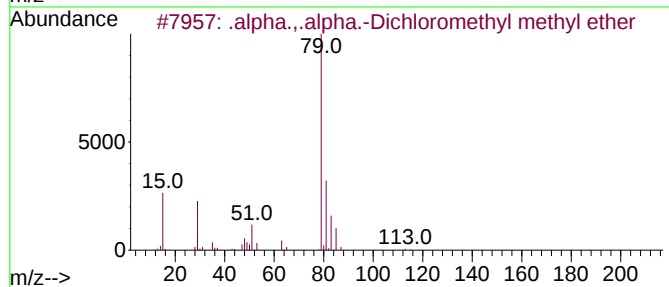
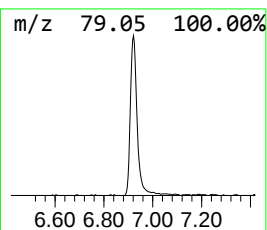
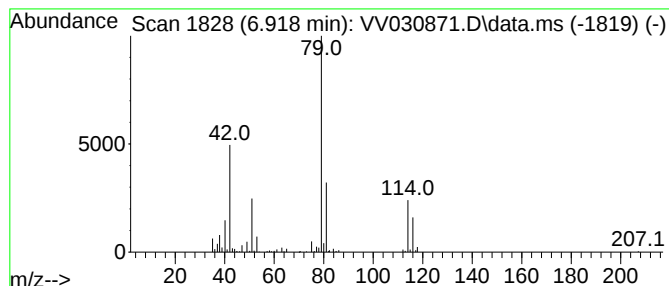
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.918	15.03 ug/L	159637	1,4-Difluorobenzene	5.542

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	.	.alpha.,.alpha.-Dichloromethyl m...	114	C2H4Cl2O	004885-02-3	43	
2	Methane, oxybis[chloro-		114	C2H4Cl2O	000542-88-1	38	
3	Thiophosgene		114	CCl2S	000463-71-8	33	
4	1,3-Cyclohexadiene		80	C6H8	000592-57-4	25	
5	Methane, oxybis[chloro-		114	C2H4Cl2O	000542-88-1	23	



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	6.918	15.0	ug/L	159637	1	5.542	531047	50.0