

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042023\
 Data File : VV030738.D
 Acq On : 21 Apr 2023 00:04
 Operator : SY/MD
 Sample : 02440-07 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COMQ2

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: VV030738.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	88	rBV	103751	113434	15.10%	1.850%
2	1.536	147	154	164	rVB	93770	110863	14.75%	1.808%
3	2.063	310	318	335	rVB	197567	285871	38.05%	4.663%
4	2.381	415	417	423	rBV6	1077	779	0.10%	0.013%
5	2.523	458	461	465	rVB5	1501	874	0.12%	0.014%
6	2.545	466	468	469	rBV2	1098	436	0.06%	0.007%
7	2.571	475	476	479	rVB3	1224	507	0.07%	0.008%
8	2.645	496	499	503	rVB6	1982	1347	0.18%	0.022%
9	2.831	554	557	559	rBV4	1166	826	0.11%	0.013%
10	2.864	565	567	568	rBV2	1485	663	0.09%	0.011%
11	3.047	621	624	628	rBV5	1427	990	0.13%	0.016%
12	3.153	651	657	658	rBV4	1212	926	0.12%	0.015%
13	3.163	658	660	666	rVB7	2213	1929	0.26%	0.031%
14	3.191	666	669	673	rBV6	1946	1346	0.18%	0.022%
15	3.227	679	680	683	rBV3	1443	724	0.10%	0.012%
16	3.362	719	722	726	rBV6	1814	1031	0.14%	0.017%
17	3.391	728	731	734	rBV5	1215	715	0.10%	0.012%
18	3.510	766	768	770	rBV3	1238	726	0.10%	0.012%
19	3.555	780	782	785	rBV3	1520	921	0.12%	0.015%
20	3.574	785	788	789	rBV3	1530	828	0.11%	0.014%
21	3.687	819	823	826	rVB6	1464	1149	0.15%	0.019%
22	3.712	828	831	834	rBV5	920	676	0.09%	0.011%
23	3.799	847	858	888	rBV	51934	150094	19.98%	2.448%
24	4.259	990	1001	1025	rVB	122741	307371	40.91%	5.013%
25	4.442	1056	1058	1060	rBV4	1070	554	0.07%	0.009%
26	4.645	1119	1121	1124	rVV4	1100	511	0.07%	0.008%
27	4.661	1124	1126	1129	rVB3	1669	725	0.10%	0.012%
28	4.802	1167	1170	1173	rVB4	1627	986	0.13%	0.016%
29	4.851	1183	1185	1187	rBV2	1442	807	0.11%	0.013%
30	4.966	1204	1221	1244	rBV2	281063	751387	100.00%	12.255%
31	5.542	1388	1400	1419	rBV	278063	571641	76.08%	9.324%
32	5.998	1530	1542	1562	rBV	167617	341810	45.49%	5.575%
33	6.741	1771	1773	1775	rBV2	1326	827	0.11%	0.013%
34	6.777	1782	1784	1787	rVB3	1446	601	0.08%	0.010%
35	6.828	1797	1800	1802	rBV4	1884	1054	0.14%	0.017%
36	6.921	1819	1829	1851	rBV	83310	157467	20.96%	2.568%

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

37	7.162	1902	1904	1908	rVB5	2089	996	0.13%	0.016%
38	7.191	1911	1913	1915	rBV3	1485	691	0.09%	0.011%
39	7.252	1920	1932	1957	rBV	314039	571093	76.01%	9.315%
40	7.561	2019	2028	2040	rBV2	60172	107215	14.27%	1.749%

41	7.847	2111	2117	2119	rBV6	1456	1658	0.22%	0.027%
42	8.034	2166	2175	2204	rBV	161730	322519	42.92%	5.260%
43	8.645	2363	2365	2368	rBV4	1603	1137	0.15%	0.019%
44	8.686	2375	2378	2381	rBV5	1772	1288	0.17%	0.021%
45	8.793	2400	2411	2429	rBV	427767	709865	94.47%	11.578%

46	8.969	2464	2466	2468	rBV3	1399	747	0.10%	0.012%
47	9.069	2493	2497	2498	rBV4	1358	875	0.12%	0.014%
48	9.233	2545	2548	2551	rBV5	1570	895	0.12%	0.015%
49	9.252	2551	2554	2556	rBV4	1321	993	0.13%	0.016%
50	9.391	2595	2597	2600	rBV4	1229	767	0.10%	0.013%

51	9.497	2624	2630	2632	rBV7	1874	1795	0.24%	0.029%
52	9.625	2668	2670	2672	rBV2	801	449	0.06%	0.007%
53	9.715	2695	2698	2701	rBV4	1845	1431	0.19%	0.023%
54	9.760	2709	2712	2714	rBV4	1158	498	0.07%	0.008%
55	9.799	2721	2724	2725	rBV3	1054	501	0.07%	0.008%

56	9.950	2769	2771	2774	rBV4	2086	1235	0.16%	0.020%
57	9.979	2778	2780	2782	rVV2	1191	520	0.07%	0.008%
58	10.159	2826	2836	2854	rBV	227149	362540	48.25%	5.913%
59	10.349	2892	2895	2898	rBV4	1713	1453	0.19%	0.024%
60	10.423	2917	2918	2920	rBV2	1313	471	0.06%	0.008%

61	10.474	2930	2934	2935	rBV3	1011	696	0.09%	0.011%
62	10.719	3007	3010	3014	rVB5	1333	747	0.10%	0.012%
63	10.876	3057	3059	3065	rVB7	1907	1982	0.26%	0.032%
64	10.915	3065	3071	3073	rBV6	1766	2162	0.29%	0.035%
65	10.940	3076	3079	3080	rBV3	1114	649	0.09%	0.011%

66	10.992	3092	3095	3096	rBV3	1334	740	0.10%	0.012%
67	11.040	3108	3110	3112	rVB3	1596	667	0.09%	0.011%
68	11.056	3112	3115	3119	rBV6	1857	1066	0.14%	0.017%
69	11.082	3119	3123	3124	rBV3	1272	771	0.10%	0.013%
70	11.194	3147	3158	3178	rBV	409211	655994	87.30%	10.699%

71	11.497	3248	3252	3253	rBV3	1096	686	0.09%	0.011%
72	11.571	3262	3275	3290	rBV	328452	531259	70.70%	8.665%
73	11.796	3343	3345	3348	rBV4	1666	973	0.13%	0.016%
74	11.985	3400	3404	3413	rVB10	1739	2085	0.28%	0.034%
75	12.027	3413	3417	3420	rBV5	1582	1299	0.17%	0.021%

76	12.194	3468	3469	3474	rVB4	1333	790	0.11%	0.013%
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 Title : VOC Analysis

77	12.307	3502	3504	3507	rVB4	1128	543	0.07%	0.009%
78	12.432	3541	3543	3544	rBV2	1527	697	0.09%	0.011%
79	12.458	3549	3551	3555	rVV5	1943	1072	0.14%	0.017%
80	12.577	3586	3588	3591	rBV3	1164	825	0.11%	0.013%
81	12.873	3678	3680	3682	rBV3	1754	811	0.11%	0.013%
82	12.898	3686	3688	3690	rBV3	1716	932	0.12%	0.015%
83	12.963	3705	3708	3710	rBV4	1288	847	0.11%	0.014%
84	13.320	3817	3819	3823	rVB5	1976	1184	0.16%	0.019%
85	13.458	3858	3862	3863	rBV4	1033	709	0.09%	0.012%
86	13.480	3867	3869	3873	rBV5	1279	898	0.12%	0.015%
87	13.535	3883	3886	3890	rBV6	1123	1202	0.16%	0.020%
88	13.644	3918	3920	3921	rBV2	1166	460	0.06%	0.008%
89	13.712	3939	3941	3944	rBV4	1355	853	0.11%	0.014%
90	13.747	3950	3952	3953	rBV2	1656	523	0.07%	0.009%
91	13.979	4022	4024	4025	rBV2	1057	435	0.06%	0.007%
92	14.040	4040	4043	4046	rBV6	942	760	0.10%	0.012%
93	14.075	4051	4054	4056	rBV4	1594	790	0.11%	0.013%
94	14.197	4091	4092	4093	rBV	1247	444	0.06%	0.007%
95	14.313	4126	4128	4134	rVB8	1503	1303	0.17%	0.021%
96	14.352	4134	4140	4146	rBV10	2747	3066	0.41%	0.050%
97	14.416	4158	4160	4166	rVB6	1960	1378	0.18%	0.022%
98	14.503	4184	4187	4191	rBV6	1880	1593	0.21%	0.026%
99	14.837	4289	4291	4293	rBV2	1277	709	0.09%	0.012%
100	15.204	4402	4405	4410	rBV6	1895	1537	0.20%	0.025%

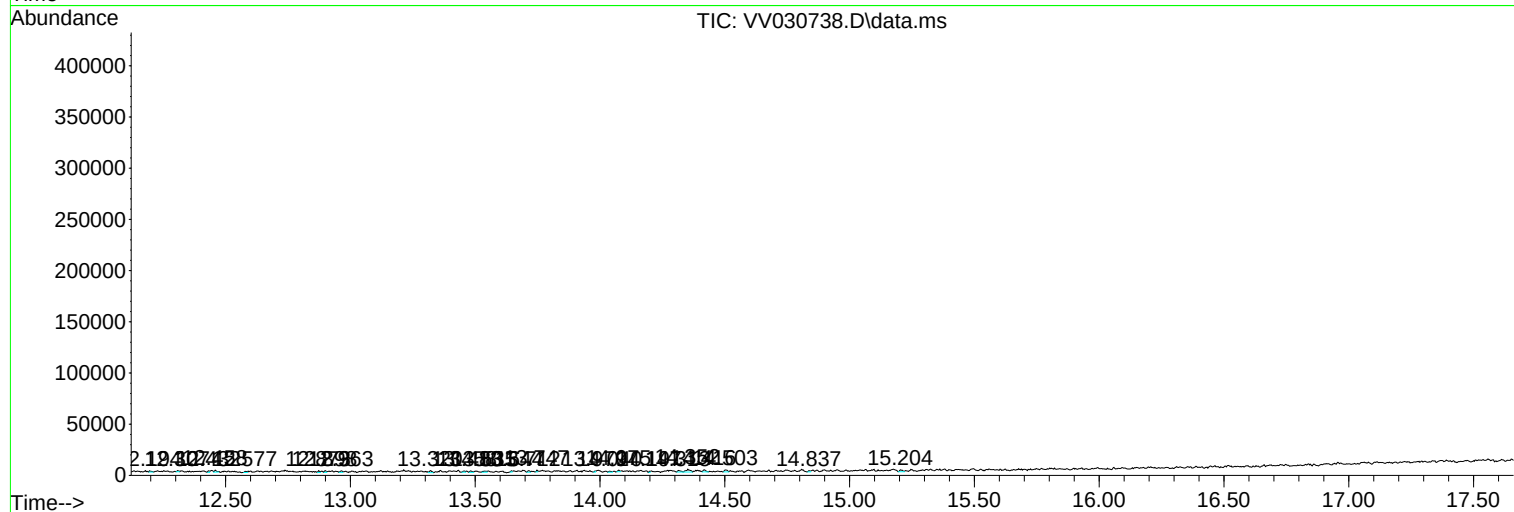
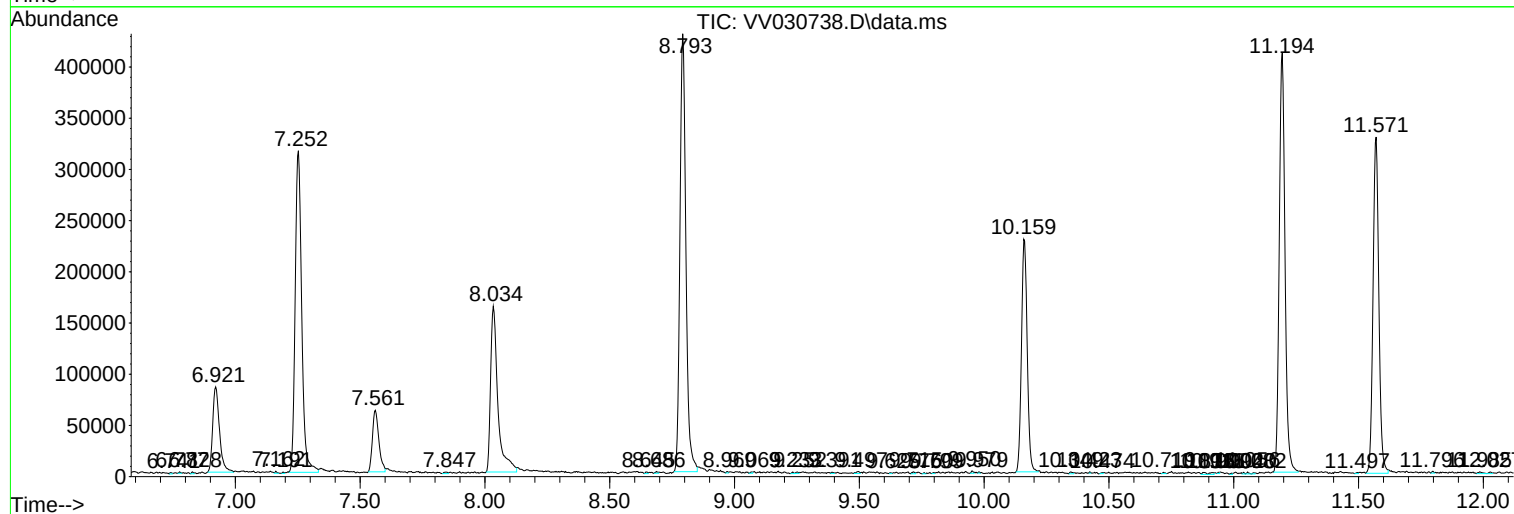
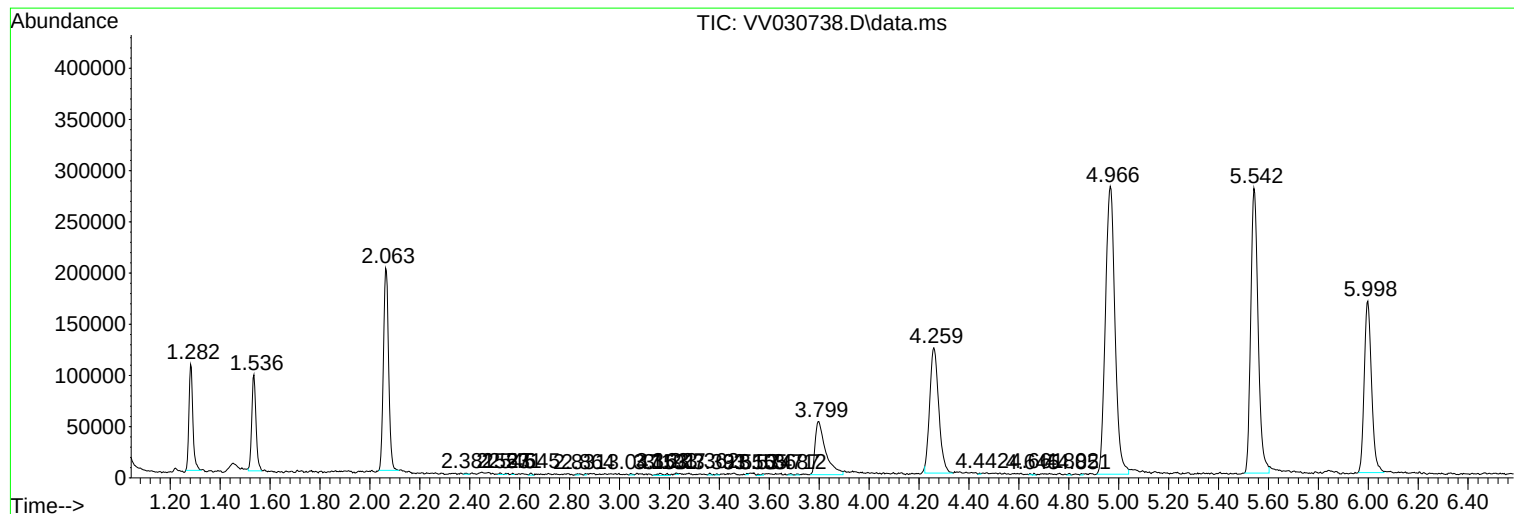
Sum of corrected areas: 6131165

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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



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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 Thiophosgene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.921	13.77 ug/L	157467	1,4-Difluorobenzene	5.542

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Thiophosgene	114	CCl2S	000463-71-8	52
2			Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	37
3			.alpha.,.alpha.-Dichloromethyl m...	114	C2H4Cl2O	004885-02-3	25
4			Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	23
5			1,3-Cyclohexadiene	80	C6H8	000592-57-4	9

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MSVOA_V
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C0MQ2

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

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Thiophosgene	6.921	13.8	ug/L	157467	1	5.542	571641	50.0