LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011924\
Data File : VV033773.D
Acq On : 19 Jan 2024 23:35
Operator : SY/MD
Sample : P1189-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMP4

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\SFAMVLM011024WMA.M
Title : VOC Analysis

Signal : TIC: VV033773.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.166	32	39	61	rBV	145504	169441	21.70%	2.529%
2	1.278	65	74	105	rBV2	201487	372887	47.75%	5.564%
3	1.529	147	152	171	rVB	90632	116679	14.94%	1.741%
4	2.060	308	317	345	rVB	185321	289796	37.11%	4.325%
5	2.179	352	354	356	rBV2	491	302	0.04%	0.005%
6	2.249	366	376	384	rBV3	1703	3389	0.43%	0.051%
7	3.021	612	616	621	rBV2	265	306	0.04%	0.005%
8	3.134	644	651	653	rBV2	332	463	0.06%	0.007%
9	3.429	740	743	747	rBV	126	103	0.01%	0.002%
10	3.535	773	776	779	rVB2	241	126	0.02%	0.002%
11	3.619	799	802	807	rBV2	90	80	0.01%	0.001%
12	3.664	812	816	817	rBV	194	89	0.01%	0.001%
13	3.680	817	821	825	rVB2	161	148	0.02%	0.002%
14	3.783	845	853	888	rBV	50741	142900	18.30%	2.132%
15	4.249	982	998	1027	rBV	120596	308741	39.54%	4.607%
16	4.481	1066	1070	1075	rBV2	167	171	0.02%	0.003%
17	4.516	1079	1081	1084	rBV2	339	175	0.02%	0.003%
18	4.564	1093	1096	1097	rBV	289	153	0.02%	0.002%
19	4.593	1104	1105	1107	rVB	252	95	0.01%	0.001%
20	4.622	1111	1114	1116	rBV	166	87	0.01%	0.001%
21	4.654	1121	1124	1130	rVB3	302	244	0.03%	0.004%
22	4.712	1139	1142	1144	rBV2	108	78	0.01%	0.001%
23	4.725	1144	1146	1149	rVV	240	145	0.02%	0.002%
24	4.741	1149	1151	1153	rVV	200	99	0.01%	0.001%
25	4.757	1154	1156	1159	rVB2	201	77	0.01%	0.001%
26	4.873	1190	1192	1196	rBV2	180	80	0.01%	0.001%
27	4.957	1201	1218	1258	rBV2	290819	780925	100.00%	11.653%
28	5.223	1299	1301	1305	rVB	302	179	0.02%	0.003%
29	5.317	1327	1330	1332	rBV2	223	163	0.02%	0.002%
30	5.391	1352	1353	1357	rVB2	150	97	0.01%	0.001%
31	5.423	1357	1363	1366	rBV3	182	167	0.02%	0.002%
32	5.532	1386	1397	1432	rBV	279077	567094	72.62%	8.463%
33	5.844	1486	1494	1496	rBV4	1742	2102	0.27%	0.031%
34	5.989	1526	1539	1571	rBV	171839	353780	45.30%	5.279%
35	6.149	1587	1589	1592	rVB2	646	276	0.04%	0.004%
36	6.195	1601	1603	1609	rVB4	234	224	0.03%	0.003%

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ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DCMP4

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\SFAMVLM011024WMA.M
Title : VOC Analysis

37	6.262	1622	1624	1626	rVV	219	104	0.01%	0.002%
38	6.275	1626	1628	1631	rVV	193	95	0.01%	0.001%
39	6.426	1670	1675	1678	rBV	222	218	0.03%	0.003%
40	6.487	1691	1694	1695	rBV	209	136	0.02%	0.002%
41	6.587	1722	1725	1726	rBV	217	128	0.02%	0.002%
42	6.799	1788	1791	1793	rBV	237	185	0.02%	0.003%
43	6.915	1817	1827	1854	rBV	90554	171468	21.96%	2.559%
44	7.053	1868	1870	1873	rVB2	420	223	0.03%	0.003%
45	7.146	1896	1899	1901	rBV2	332	230	0.03%	0.003%
46	7.162	1901	1904	1906	rVB	308	118	0.02%	0.002%
47	7.178	1906	1909	1915	rVB2	259	264	0.03%	0.004%
48	7.243	1915	1929	1945	rBV	349457	617417	79.06%	9.214%
49	7.555	2016	2026	2053	rBV	59413	108952	13.95%	1.626%
50	7.735	2080	2082	2087	rBV	194	184	0.02%	0.003%
51	7.821	2107	2109	2113	rVB2	193	112	0.01%	0.002%
52	7.879	2119	2127	2130	rBV2	488	751	0.10%	0.011%
53	7.911	2130	2137	2147	rVB2	3057	4847	0.62%	0.072%
54	8.024	2162	2172	2198	rBV	183954	343003	43.92%	5.119%
55	8.252	2241	2243	2245	rBV3	301	128	0.02%	0.002%
56	8.413	2291	2293	2296	rBV2	167	124	0.02%	0.002%
57	8.497	2314	2319	2323	rBV2	281	240	0.03%	0.004%
58	8.522	2324	2327	2332	rVB	347	251	0.03%	0.004%
59	8.574	2339	2343	2344	rVB	163	99	0.01%	0.001%
60	8.783	2397	2408	2438	rBV	419816	687911	88.09%	10.265%
61	9.021	2479	2482	2485	rBV3	243	188	0.02%	0.003%
62	9.037	2485	2487	2491	rVB	156	76	0.01%	0.001%
63	9.368	2587	2590	2594	rBV	116	114	0.01%	0.002%
64	9.461	2616	2619	2624	rBV2	158	147	0.02%	0.002%
65	10.153	2823	2834	2864	rVV	228086	356983	45.71%	5.327%
66	10.320	2881	2886	2887	rBV	637	411	0.05%	0.006%
67	10.551	2954	2958	2968	rBV2	210	279	0.04%	0.004%
68	10.706	3003	3006	3012	rBV	167	136	0.02%	0.002%
69	11.027	3102	3106	3110	rBV2	153	154	0.02%	0.002%
70	11.185	3144	3155	3179	rBV	448098	684488	87.65%	10.214%
71	11.397	3219	3221	3224	rBV2	132	80	0.01%	0.001%
72	11.561	3253	3272	3298	rBV	372856	594442	76.12%	8.871%
73	11.779	3338	3340	3343	rVB2	173	92	0.01%	0.001%
74	11.796	3343	3345	3348	rVB2	172	81	0.01%	0.001%
75	11.821	3350	3353	3357	rBV2	173	135	0.02%	0.002%
76	12.037	3417	3420	3422	rBV2	176	94	0.01%	0.001%

LSC Area Percent Report

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Sample : P1189-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMP4

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\SFAMVLM011024WMA.M
Title : VOC Analysis

77	12.300	3499	3502	3507	rVB2	218	125	0.02%	0.002%
78	12.326	3507	3510	3513	rVB2	265	119	0.02%	0.002%
79	12.731	3630	3636	3639	rBV2	214	267	0.03%	0.004%
80	13.095	3742	3749	3751	rBV3	1061	1412	0.18%	0.021%
81	13.159	3765	3769	3775	rBV4	513	583	0.07%	0.009%
82	13.185	3775	3777	3781	rVB2	486	260	0.03%	0.004%
83	13.214	3783	3786	3789	rVB	259	169	0.02%	0.003%
84	13.384	3835	3839	3841	rBV	485	362	0.05%	0.005%
85	13.458	3855	3862	3870	rVV3	507	799	0.10%	0.012%
86	13.638	3915	3918	3921	rBV	231	148	0.02%	0.002%
87	13.863	3984	3988	3989	rBV	195	117	0.01%	0.002%
88	13.876	3989	3992	3997	rVB3	393	396	0.05%	0.006%
89	13.937	4007	4011	4014	rBV2	209	190	0.02%	0.003%
90	14.082	4048	4056	4064	rBV8	3193	6173	0.79%	0.092%
91	14.201	4089	4093	4096	rVB4	472	380	0.05%	0.006%
92	14.294	4119	4122	4125	rBV3	436	344	0.04%	0.005%
93	14.342	4135	4137	4139	rBV2	265	100	0.01%	0.001%
94	14.464	4172	4175	4178	rBV3	331	320	0.04%	0.005%
95	14.734	4256	4259	4261	rBV2	299	218	0.03%	0.003%
96	14.786	4272	4275	4277	rBV3	493	392	0.05%	0.006%
97	14.902	4308	4311	4312	rBV	314	181	0.02%	0.003%
98	15.011	4342	4345	4350	rBV	359	340	0.04%	0.005%
99	15.384	4458	4461	4467	rVB3	634	593	0.08%	0.009%
100	15.410	4467	4469	4471	rBV3	386	275	0.04%	0.004%

Sum of corrected areas: 6701212

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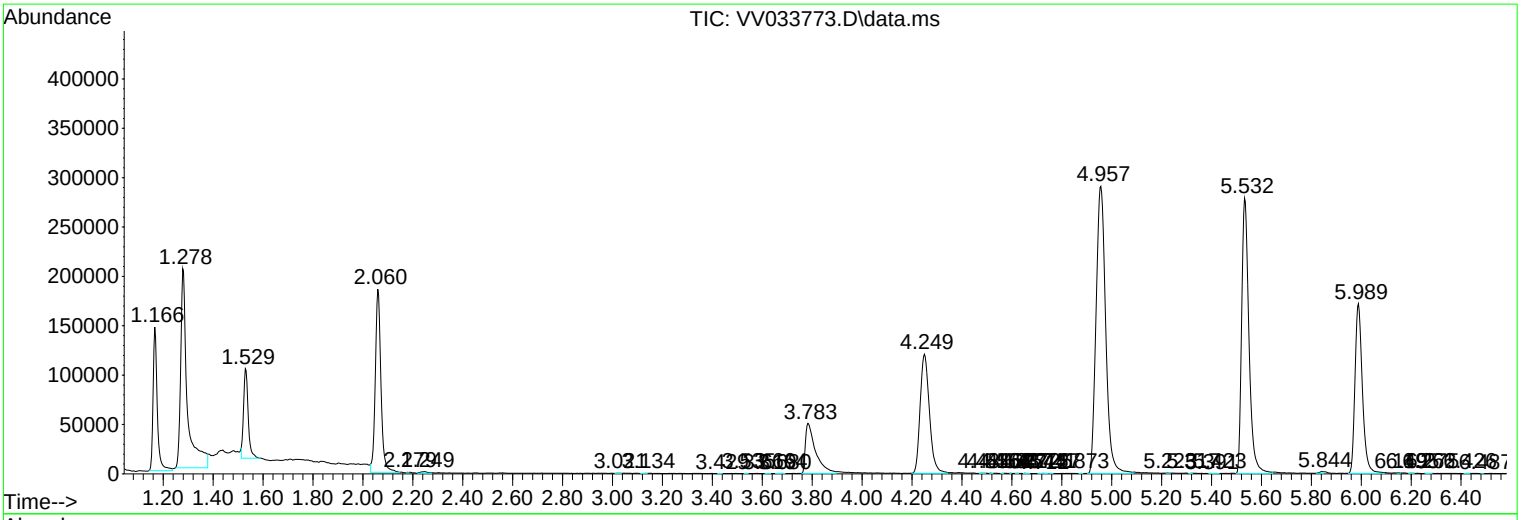
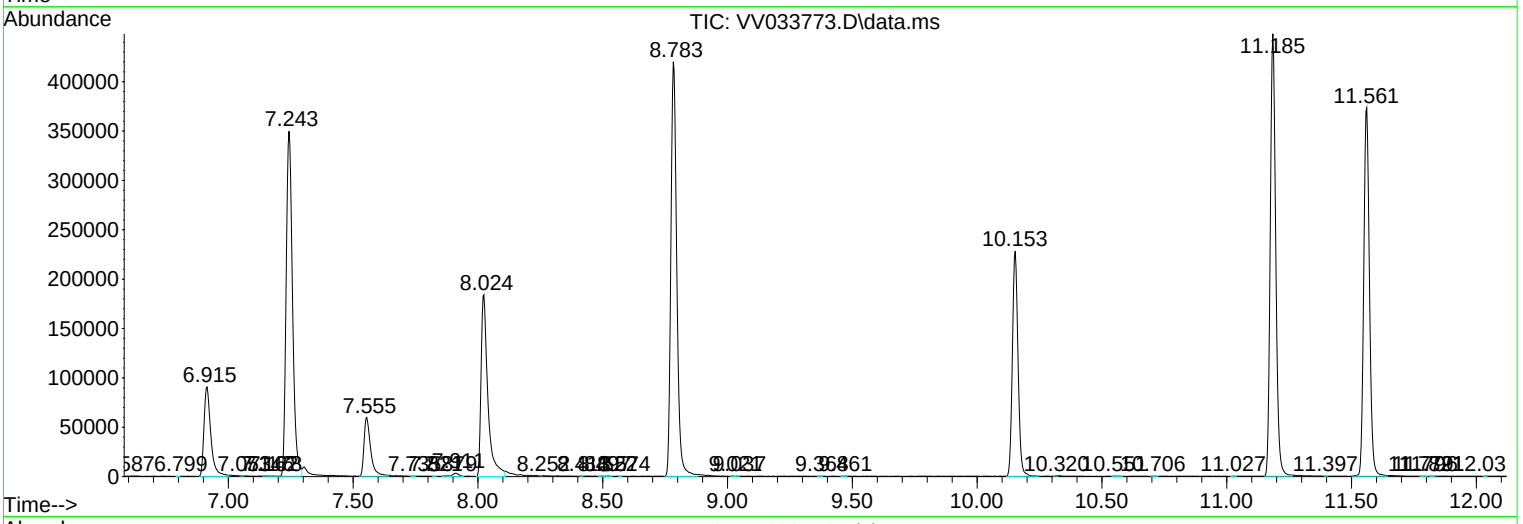
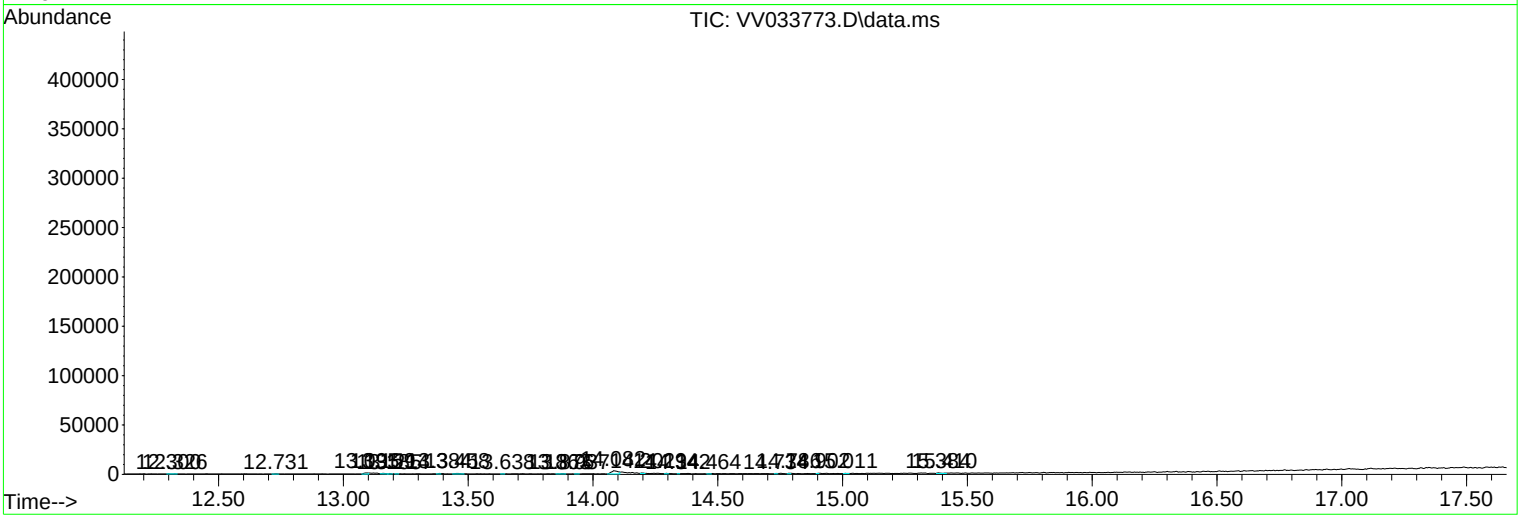
Instrument :
MSVOA_V
ClientSampleId :
DCMP4

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis

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







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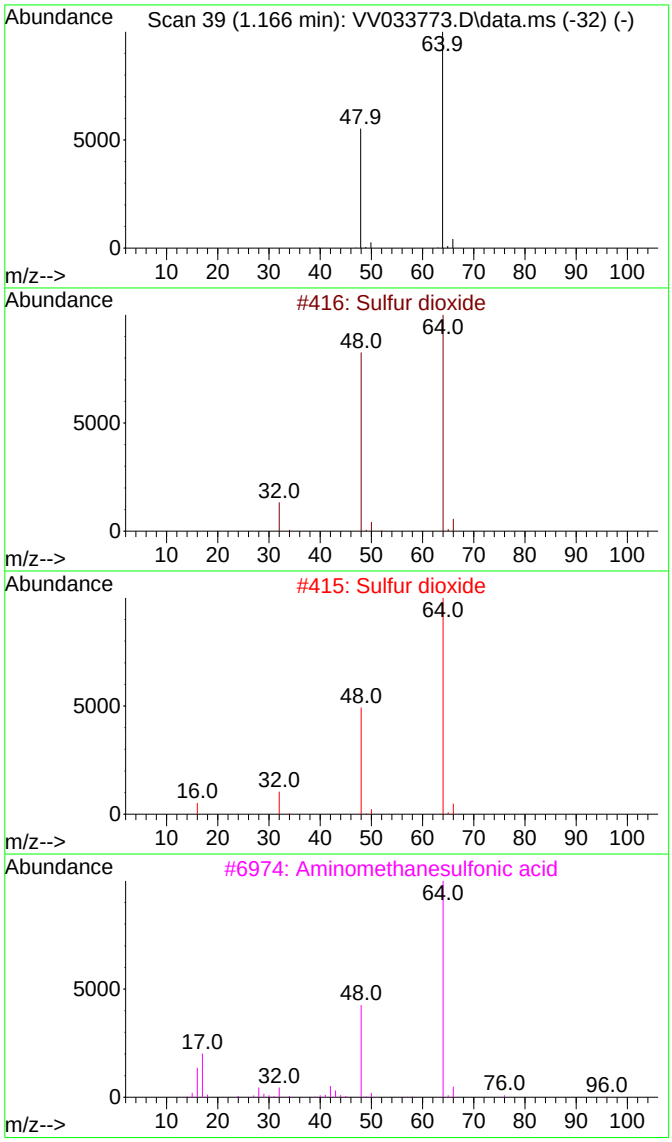
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

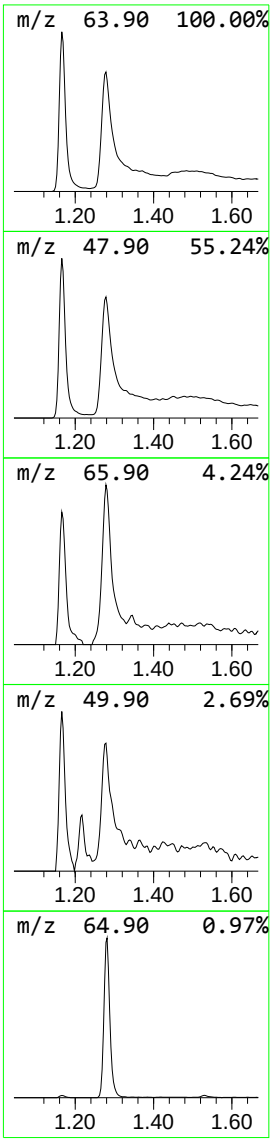
****

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.166	14.94 ug/L	169441	1,4-Difluorobenzene	5.532

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
2	Sulfur dioxide	64	O2S	007446-09-5	83
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	1.166	14.9	ug/L	169441	1	5.532	567094	50.0