LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012624\
Data File : VV033876.D
Acq On : 26 Jan 2024 10:45
Operator : SY/MD
Sample : P1213-03 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMT7

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: VV033876.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	31	39	52	rBV	69677	79556	10.46%	1.310%
2	1.278	67	74	104	rBV	116779	185188	24.34%	3.049%
3	1.529	145	152	168	rVB	92011	114352	15.03%	1.883%
4	2.060	307	317	343	rVB	200062	304525	40.03%	5.013%
5	2.310	390	395	397	rBV2	205	193	0.03%	0.003%
6	2.372	412	414	419	rVB	355	163	0.02%	0.003%
7	2.445	430	437	445	rBV	1282	1909	0.25%	0.031%
8	2.564	466	474	480	rVB3	515	892	0.12%	0.015%
9	2.976	599	602	606	rVB	229	162	0.02%	0.003%
10	3.082	632	635	641	rVB2	246	234	0.03%	0.004%
11	3.317	702	708	712	rVB	160	152	0.02%	0.003%
12	3.433	741	744	750	rVB2	231	229	0.03%	0.004%
13	3.535	774	776	782	rVB	315	280	0.04%	0.005%
14	3.597	793	795	800	rVB2	205	153	0.02%	0.003%
15	3.622	800	803	805	rBV	204	139	0.02%	0.002%
16	3.687	820	823	826	rBV2	205	153	0.02%	0.003%
17	3.786	845	854	889	rBV2	51378	143664	18.88%	2.365%
18	4.249	982	998	1029	rBV2	118113	301663	39.65%	4.966%
19	4.548	1089	1091	1095	rVB3	361	254	0.03%	0.004%
20	4.564	1095	1096	1099	rBV2	248	137	0.02%	0.002%
21	4.683	1130	1133	1138	rBV2	153	148	0.02%	0.002%
22	4.809	1165	1172	1175	rBV2	321	321	0.04%	0.005%
23	4.957	1202	1218	1251	rBV3	288848	760745	100.00%	12.524%
24	5.532	1386	1397	1428	rBV	245113	498939	65.59%	8.214%
25	5.838	1485	1492	1497	rBV4	1127	1600	0.21%	0.026%
26	5.989	1527	1539	1566	rBV	162114	338550	44.50%	5.573%
27	6.150	1586	1589	1590	rBV2	474	290	0.04%	0.005%
28	6.172	1593	1596	1598	rVB2	356	189	0.02%	0.003%
29	6.198	1602	1604	1610	rVB2	375	277	0.04%	0.005%
30	6.442	1672	1680	1681	rBV3	915	1055	0.14%	0.017%
31	6.506	1697	1700	1704	rVB2	312	229	0.03%	0.004%
32	6.735	1766	1771	1773	rBV	145	137	0.02%	0.002%
33	6.783	1784	1786	1789	rVB	287	137	0.02%	0.002%
34	6.915	1816	1827	1854	rBV	95049	177509	23.33%	2.922%
35	7.133	1889	1895	1902	rVB5	609	761	0.10%	0.013%
36	7.243	1918	1929	1961	rBV	350099	615002	80.84%	10.124%

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Instrument :
MSVOA_V
ClientSampleId :
DCMT7

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	7.555	2016	2026	2056	rBV	64894	117452	15.44%	1.934%
38	7.735	2080	2082	2087	rVB2	370	223	0.03%	0.004%
39	7.764	2087	2091	2093	rBV	236	217	0.03%	0.004%
40	7.802	2097	2103	2106	rBV2	331	355	0.05%	0.006%
41	7.866	2117	2123	2125	rBV2	316	331	0.04%	0.005%
42	8.024	2163	2172	2205	rBV	188610	346056	45.49%	5.697%
43	8.426	2293	2297	2301	rBV2	269	310	0.04%	0.005%
44	8.506	2318	2322	2324	rBV2	184	148	0.02%	0.002%
45	8.577	2340	2344	2348	rBV3	288	246	0.03%	0.004%
46	8.629	2354	2360	2366	rBV2	866	1049	0.14%	0.017%
47	8.738	2391	2394	2397	rBV	215	165	0.02%	0.003%
48	8.783	2398	2408	2445	rBV	365087	604614	79.48%	9.953%
49	9.047	2488	2490	2496	rVB2	232	221	0.03%	0.004%
50	9.259	2551	2556	2558	rBV2	168	167	0.02%	0.003%
51	9.391	2593	2597	2602	rBV	153	150	0.02%	0.002%
52	9.423	2604	2607	2611	rVB2	180	146	0.02%	0.002%
53	9.593	2654	2660	2662	rBV	216	241	0.03%	0.004%
54	9.635	2669	2673	2676	rBV2	209	190	0.02%	0.003%
55	9.812	2724	2728	2733	rBV2	206	238	0.03%	0.004%
56	9.931	2762	2765	2771	rVB2	365	311	0.04%	0.005%
57	9.976	2772	2779	2784	rBV2	210	345	0.05%	0.006%
58	10.153	2820	2834	2856	rBV	214114	335469	44.10%	5.523%
59	10.403	2908	2912	2915	rVV2	208	186	0.02%	0.003%
60	10.439	2920	2923	2926	rVB2	301	187	0.02%	0.003%
61	10.535	2949	2953	2955	rBV2	174	145	0.02%	0.002%
62	10.632	2979	2983	2985	rBV	246	188	0.02%	0.003%
63	10.850	3048	3051	3057	rVV2	154	211	0.03%	0.003%
64	11.082	3117	3123	3130	rBV	247	384	0.05%	0.006%
65	11.185	3145	3155	3179	rBV	376656	581107	76.39%	9.566%
66	11.445	3233	3236	3240	rBV	143	135	0.02%	0.002%
67	11.561	3259	3272	3295	rBV	352742	544147	71.53%	8.958%
68	11.718	3316	3321	3323	rBV2	234	201	0.03%	0.003%
69	11.895	3372	3376	3379	rBV2	175	158	0.02%	0.003%
70	11.943	3388	3391	3395	rBV	213	142	0.02%	0.002%
71	11.998	3402	3408	3411	rBV2	207	217	0.03%	0.004%
72	12.143	3447	3453	3457	rBV2	251	277	0.04%	0.005%
73	12.233	3478	3481	3485	rBV2	179	149	0.02%	0.002%
74	12.352	3515	3518	3522	rBV	194	141	0.02%	0.002%
75	12.378	3523	3526	3529	rVB2	239	159	0.02%	0.003%
76	12.400	3529	3533	3536	rBV	187	163	0.02%	0.003%

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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMT7

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	12.468	3551	3554	3557	rVB2	280	175	0.02%	0.003%
78	12.612	3596	3599	3604	rVB2	214	179	0.02%	0.003%
79	12.879	3677	3682	3683	rBV	187	160	0.02%	0.003%
80	13.185	3774	3777	3782	rBV	320	332	0.04%	0.005%
81	13.214	3783	3786	3788	rVV3	244	138	0.02%	0.002%
82	13.384	3834	3839	3842	rBV2	281	210	0.03%	0.003%
83	13.458	3854	3862	3870	rBV2	746	1327	0.17%	0.022%
84	13.596	3902	3905	3912	rBV	220	281	0.04%	0.005%
85	13.689	3932	3934	3936	rBV2	319	176	0.02%	0.003%
86	13.744	3949	3951	3955	rBV	209	176	0.02%	0.003%
87	13.943	4008	4013	4017	rBV3	350	344	0.05%	0.006%
88	13.988	4024	4027	4030	rBV2	290	205	0.03%	0.003%
89	14.075	4050	4054	4060	rBV3	228	296	0.04%	0.005%
90	14.127	4066	4070	4075	rBV3	303	303	0.04%	0.005%
91	14.255	4108	4110	4113	rVB	328	171	0.02%	0.003%
92	14.281	4113	4118	4119	rBV	208	185	0.02%	0.003%
93	14.490	4181	4183	4187	rVB3	321	190	0.02%	0.003%
94	14.513	4187	4190	4195	rVB2	382	263	0.03%	0.004%
95	14.548	4196	4201	4206	rBV3	245	342	0.04%	0.006%
96	14.622	4220	4224	4227	rBV2	282	277	0.04%	0.005%
97	15.040	4350	4354	4358	rVB2	361	320	0.04%	0.005%
98	15.898	4617	4621	4622	rBV3	552	395	0.05%	0.007%
99	16.194	4709	4713	4716	rBV4	908	860	0.11%	0.014%
100	16.310	4747	4749	4750	rBV2	686	294	0.04%	0.005%

Sum of corrected areas: 6074427

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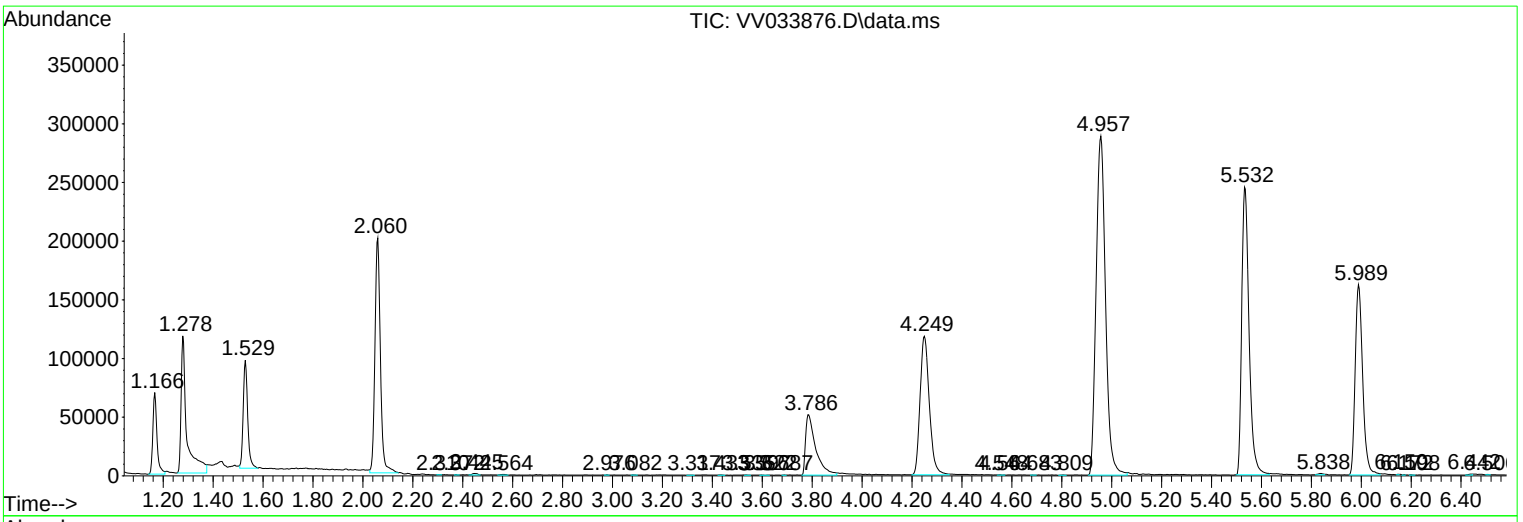
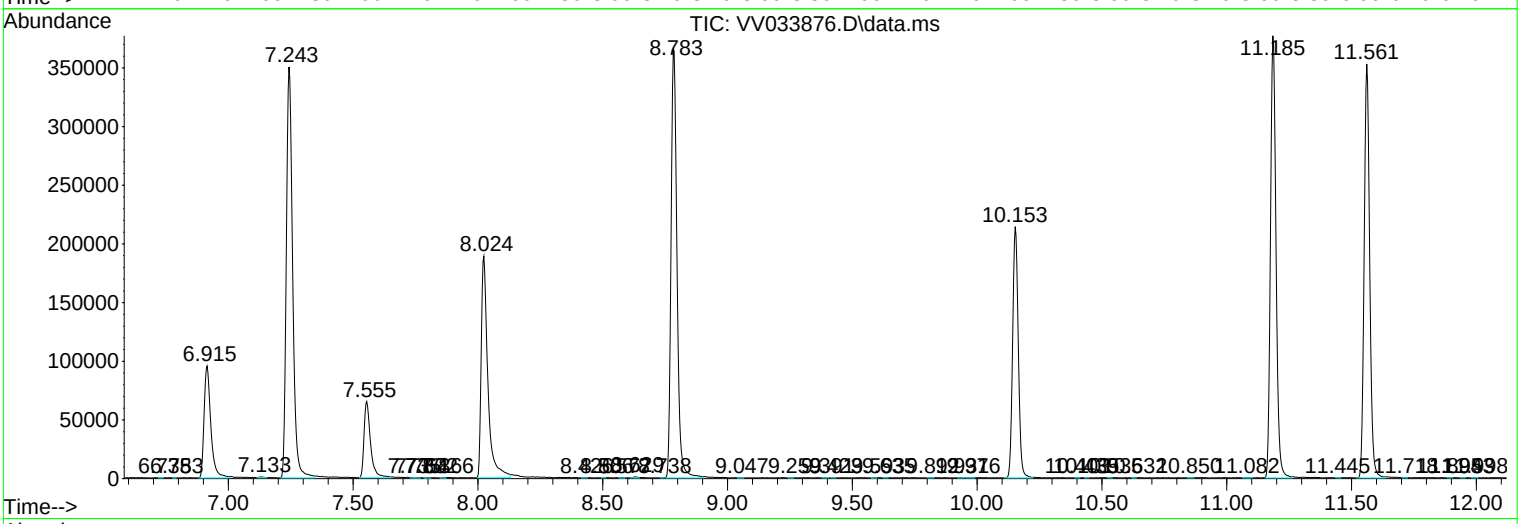
ALS Vial : 6 Sample Multiplier: 1

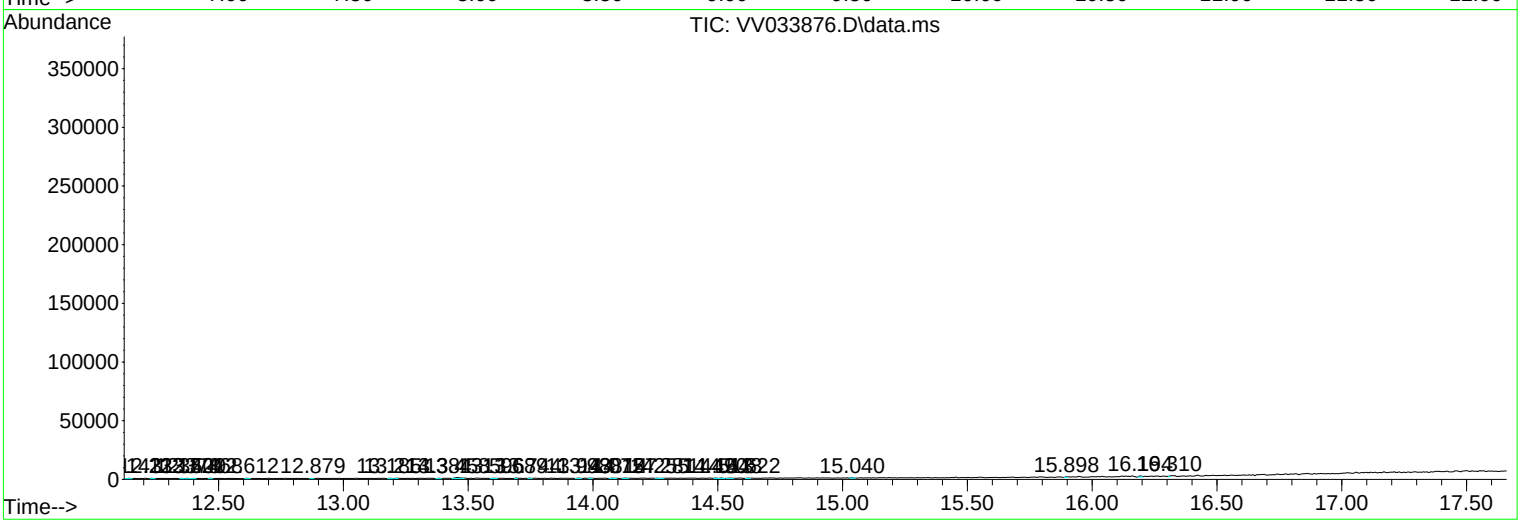
Instrument :
MSVOA_V
ClientSampleId :
DCMT7

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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MSVOA_V
ClientSampleId :
DCMT7

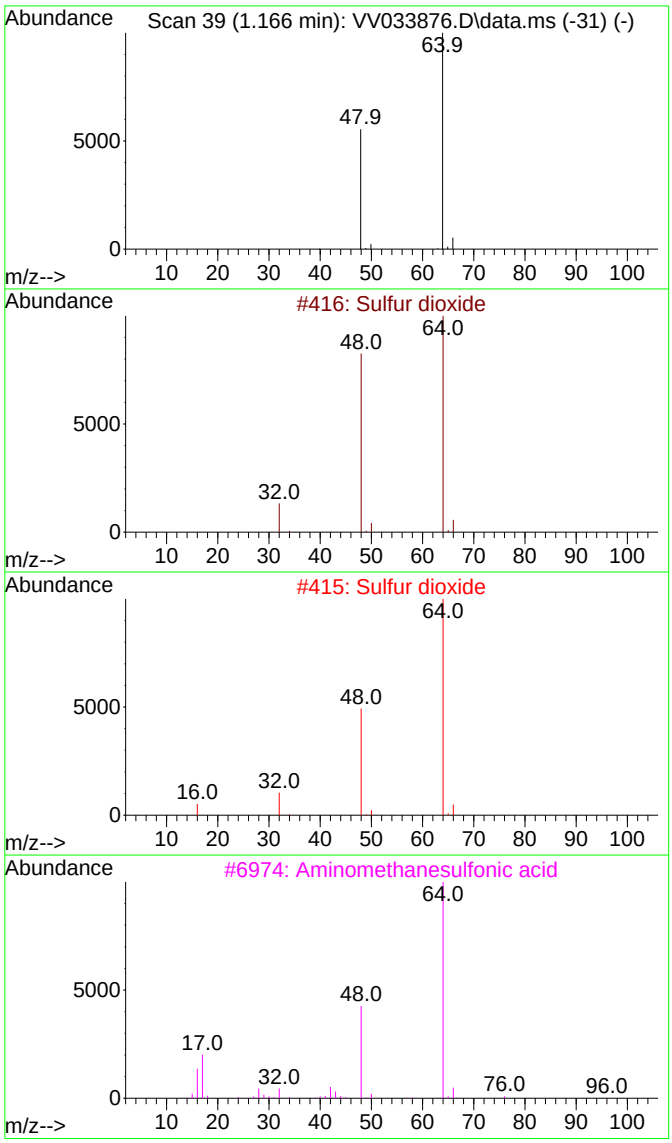
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis

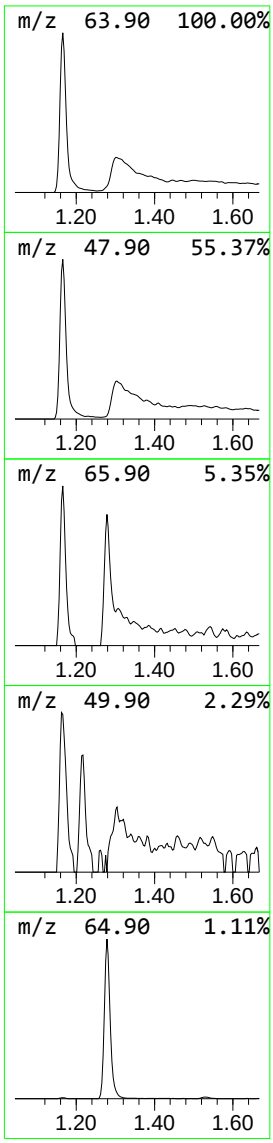
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.166	7.97 ug/L	79556	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	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9





Tentatively Identified Compound (LSC) summary

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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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	1.166	8.0	ug/L	79556	1	5.532	498939	50.0