LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011924\
Data File : VV033778.D
Acq On : 20 Jan 2024 01:34
Operator : SY/MD
Sample : P1189-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMR6

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: VV033778.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	59	rBV	158741	185197	24.15%	2.836%
2	1.278	65	74	104	rBV2	186218	340148	44.35%	5.209%
3	1.529	146	152	167	rVB	83345	104354	13.61%	1.598%
4	2.060	308	317	334	rVB	169502	252688	32.95%	3.870%
5	2.175	351	353	356	rBV2	534	398	0.05%	0.006%
6	2.227	362	369	382	rVB3	4331	9091	1.19%	0.139%
7	2.394	418	421	423	rBV2	206	130	0.02%	0.002%
8	2.452	434	439	447	rVB5	623	919	0.12%	0.014%
9	2.558	460	472	485	rBV2	4473	9499	1.24%	0.145%
10	2.687	508	512	514	rBV2	193	142	0.02%	0.002%
11	2.712	517	520	523	rVB2	209	176	0.02%	0.003%
12	2.844	557	561	564	rBV	263	216	0.03%	0.003%
13	2.915	579	583	585	rBV2	257	236	0.03%	0.004%
14	2.953	592	595	597	rBV	211	179	0.02%	0.003%
15	3.008	608	612	613	rBV2	191	122	0.02%	0.002%
16	3.044	619	623	625	rBV2	158	141	0.02%	0.002%
17	3.487	758	761	766	rBV	225	249	0.03%	0.004%
18	3.597	792	795	799	rBV2	139	131	0.02%	0.002%
19	3.629	801	805	807	rBV2	204	160	0.02%	0.002%
20	3.783	841	853	889	rBV	53653	150056	19.57%	2.298%
21	4.249	981	998	1037	rBV	118088	304789	39.74%	4.668%
22	4.545	1085	1090	1094	rBV3	297	290	0.04%	0.004%
23	4.561	1094	1095	1098	rVB2	308	109	0.01%	0.002%
24	4.580	1098	1101	1105	rBV2	308	251	0.03%	0.004%
25	4.957	1202	1218	1250	rBV2	287342	766958	100.00%	11.746%
26	5.346	1336	1339	1343	rBV2	261	181	0.02%	0.003%
27	5.368	1343	1346	1350	rBV3	261	197	0.03%	0.003%
28	5.532	1385	1397	1432	rBV	263076	543604	70.88%	8.325%
29	5.841	1490	1493	1498	rVV4	701	590	0.08%	0.009%
30	5.905	1510	1513	1517	rBV2	176	115	0.01%	0.002%
31	5.989	1526	1539	1575	rBV	169132	352535	45.97%	5.399%
32	6.223	1608	1612	1614	rBV	173	162	0.02%	0.002%
33	6.262	1621	1624	1627	rVB	145	116	0.02%	0.002%
34	6.307	1633	1638	1641	rVB2	279	199	0.03%	0.003%
35	6.330	1641	1645	1649	rBV2	127	120	0.02%	0.002%
36	6.359	1649	1654	1657	rBV2	142	158	0.02%	0.002%

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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMR6

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	6.593	1722	1727	1729	rBV2	321	310	0.04%	0.005%
38	6.706	1758	1762	1771	rBV	260	412	0.05%	0.006%
39	6.809	1791	1794	1799	rVB2	171	133	0.02%	0.002%
40	6.915	1816	1827	1856	rBV2	87599	168537	21.97%	2.581%
41	7.047	1866	1868	1869	rBV	260	96	0.01%	0.001%
42	7.140	1894	1897	1899	rBV2	282	170	0.02%	0.003%
43	7.243	1918	1929	1965	rBV	346726	609051	79.41%	9.328%
44	7.494	2005	2007	2012	rVB3	174	120	0.02%	0.002%
45	7.555	2016	2026	2049	rBV	58064	106711	13.91%	1.634%
46	7.873	2121	2125	2131	rBV3	450	469	0.06%	0.007%
47	7.911	2131	2137	2146	rVB4	1752	2670	0.35%	0.041%
48	8.024	2163	2172	2211	rBV	181092	350047	45.64%	5.361%
49	8.362	2274	2277	2280	rVB3	177	115	0.01%	0.002%
50	8.397	2286	2288	2292	rBV2	237	128	0.02%	0.002%
51	8.603	2349	2352	2355	rVB	194	130	0.02%	0.002%
52	8.638	2360	2363	2367	rBV2	128	100	0.01%	0.002%
53	8.686	2375	2378	2384	rBV2	120	130	0.02%	0.002%
54	8.741	2391	2395	2397	rBV	256	231	0.03%	0.004%
55	8.783	2397	2408	2449	rBV	399971	669415	87.28%	10.252%
56	9.001	2472	2476	2482	rVB2	277	329	0.04%	0.005%
57	9.262	2553	2557	2561	rBV2	146	133	0.02%	0.002%
58	9.461	2612	2619	2622	rBV2	176	234	0.03%	0.004%
59	9.497	2627	2630	2635	rBB	220	181	0.02%	0.003%
60	9.532	2635	2641	2644	rBV2	243	242	0.03%	0.004%
61	10.014	2787	2791	2794	rBV2	113	119	0.02%	0.002%
62	10.153	2822	2834	2856	rVV	225237	354990	46.29%	5.437%
63	10.326	2881	2888	2894	rVB2	726	887	0.12%	0.014%
64	10.432	2918	2921	2926	rVB2	184	113	0.01%	0.002%
65	10.841	3043	3048	3051	rBV	224	231	0.03%	0.004%
66	10.960	3082	3085	3091	rVB	156	138	0.02%	0.002%
67	11.185	3144	3155	3184	rBV	418056	643434	83.89%	9.854%
68	11.435	3231	3233	3237	rVB2	227	109	0.01%	0.002%
69	11.509	3251	3256	3258	rBV2	160	149	0.02%	0.002%
70	11.561	3259	3272	3294	rBV	362589	566470	73.86%	8.676%
71	11.741	3325	3328	3332	rVB3	210	174	0.02%	0.003%
72	11.956	3392	3395	3397	rBV2	149	108	0.01%	0.002%
73	11.998	3405	3408	3411	rVB2	193	135	0.02%	0.002%
74	12.226	3476	3479	3483	rBV2	144	109	0.01%	0.002%
75	12.882	3679	3683	3690	rBB2	232	275	0.04%	0.004%
76	12.988	3714	3716	3722	rVB2	243	153	0.02%	0.002%

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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DCMR6

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	13.172	3770	3773	3777	rBV2	154	132	0.02%	0.002%
78	13.226	3787	3790	3792	rBV2	201	127	0.02%	0.002%
79	13.358	3824	3831	3835	rBV2	222	263	0.03%	0.004%
80	13.384	3836	3839	3841	rVV	210	122	0.02%	0.002%
81	13.397	3841	3843	3851	rVV	215	204	0.03%	0.003%
82	13.458	3858	3862	3869	rVB2	350	452	0.06%	0.007%
83	13.561	3890	3894	3898	rVB2	320	264	0.03%	0.004%
84	13.895	3996	3998	4002	rVB2	219	119	0.02%	0.002%
85	13.940	4010	4012	4015	rBV	220	138	0.02%	0.002%
86	13.976	4019	4023	4026	rBV2	198	140	0.02%	0.002%
87	14.005	4029	4032	4034	rBV2	173	135	0.02%	0.002%
88	14.091	4047	4059	4064	rBV6	2331	4934	0.64%	0.076%
89	14.185	4086	4088	4092	rBV3	397	218	0.03%	0.003%
90	14.204	4092	4094	4095	rBV	300	154	0.02%	0.002%
91	14.259	4106	4111	4112	rBV3	308	244	0.03%	0.004%
92	14.329	4129	4133	4136	rBV3	315	270	0.04%	0.004%
93	14.345	4136	4138	4141	rBV3	301	206	0.03%	0.003%
94	14.361	4141	4143	4146	rVB2	250	156	0.02%	0.002%
95	14.429	4162	4164	4167	rBV	184	102	0.01%	0.002%
96	14.513	4188	4190	4192	rBV	285	135	0.02%	0.002%
97	14.551	4200	4202	4204	rBV2	165	119	0.02%	0.002%
98	15.278	4426	4428	4435	rVB3	574	459	0.06%	0.007%
99	15.320	4440	4441	4444	rVV4	440	202	0.03%	0.003%
100	16.252	4723	4731	4740	rVB	12631	17873	2.33%	0.274%

Sum of corrected areas: 6529462

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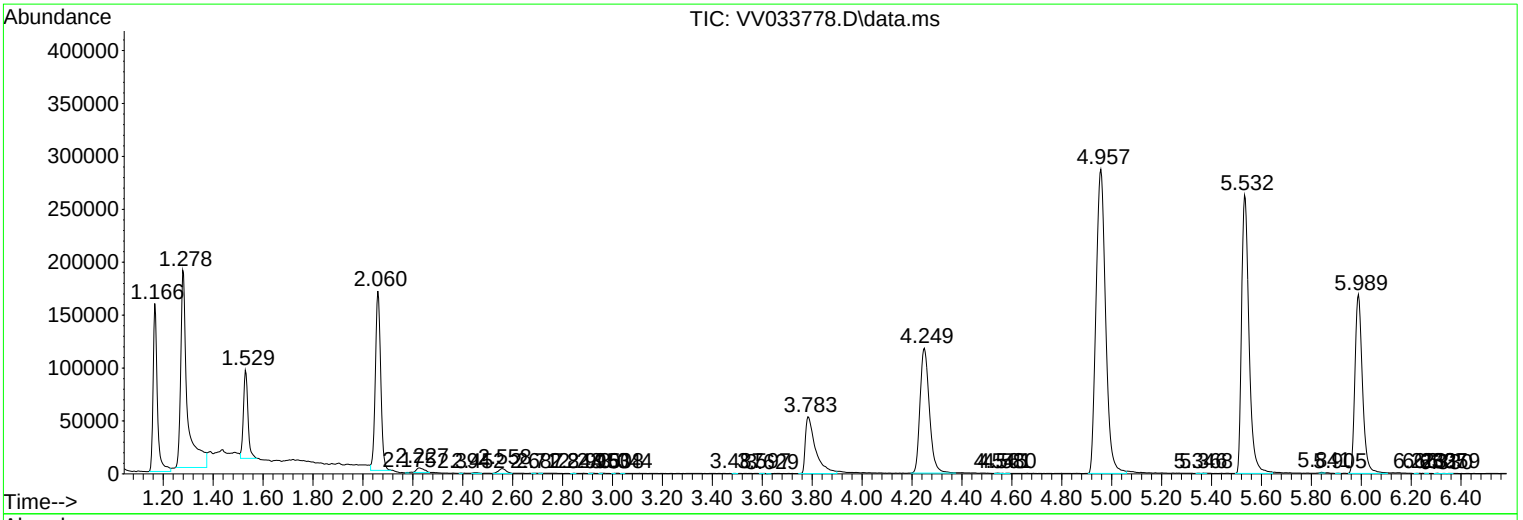
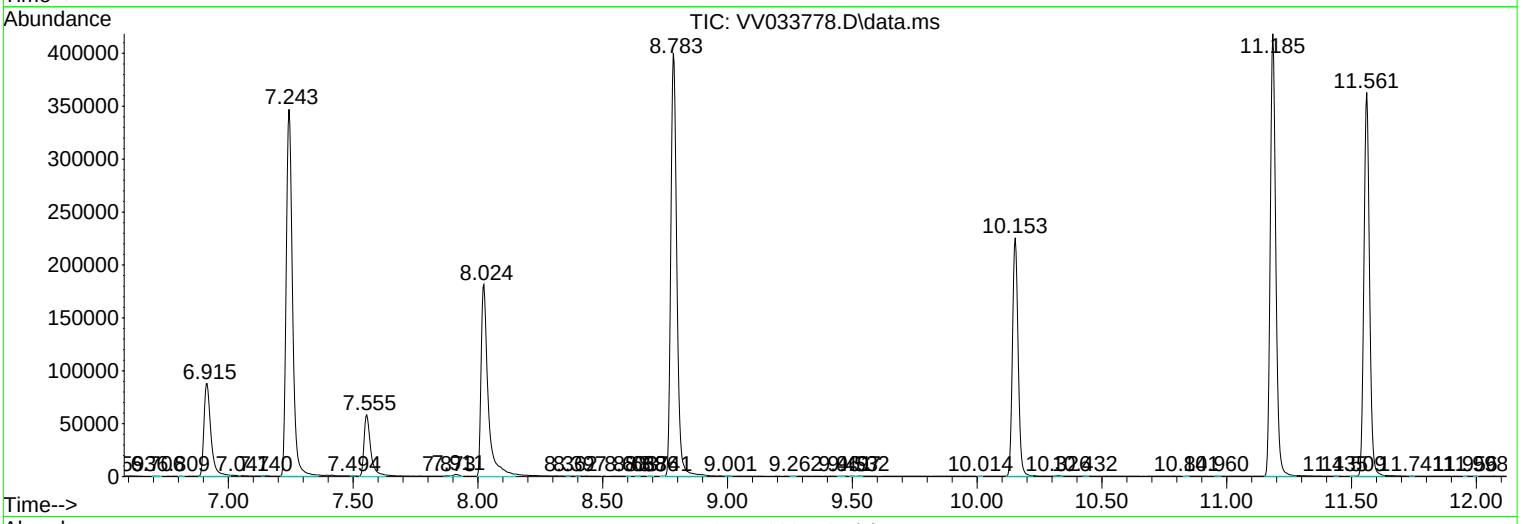
ALS Vial : 40 Sample Multiplier: 1

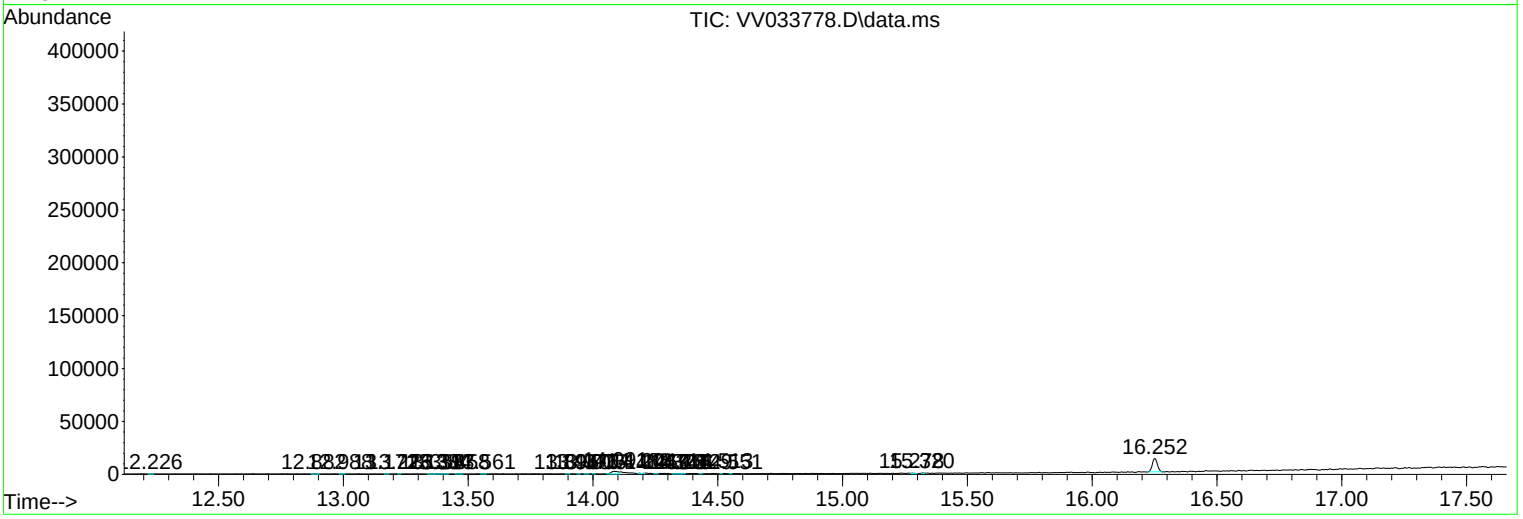
Instrument :
MSVOA_V
ClientSampleId :
DCMR6

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 :
DCMR6

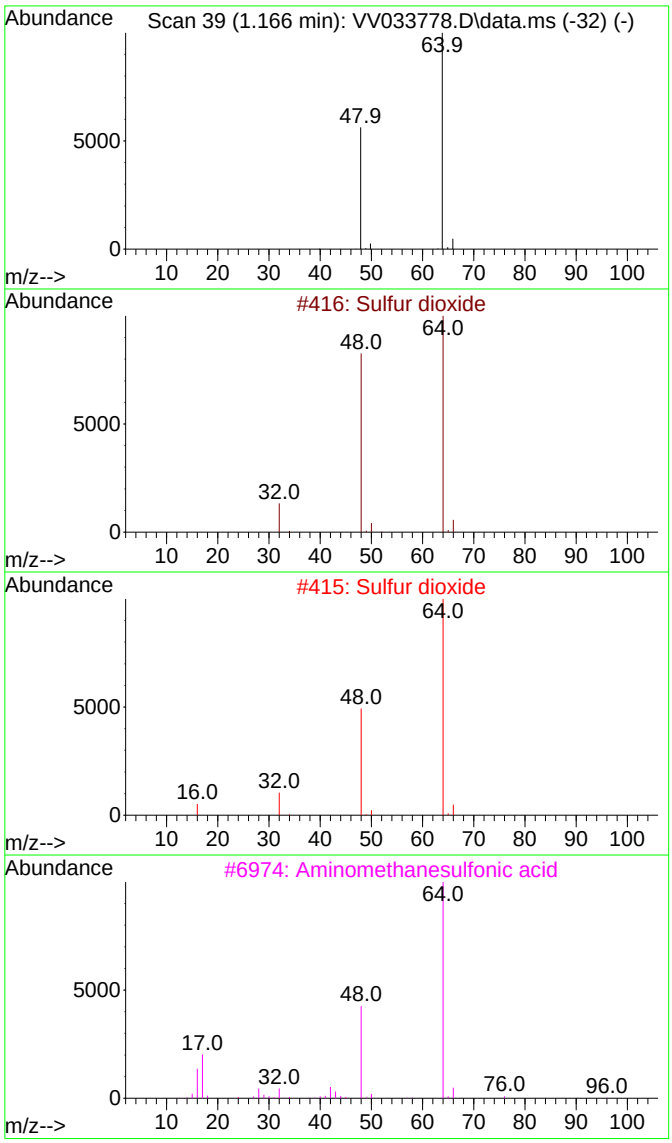
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis

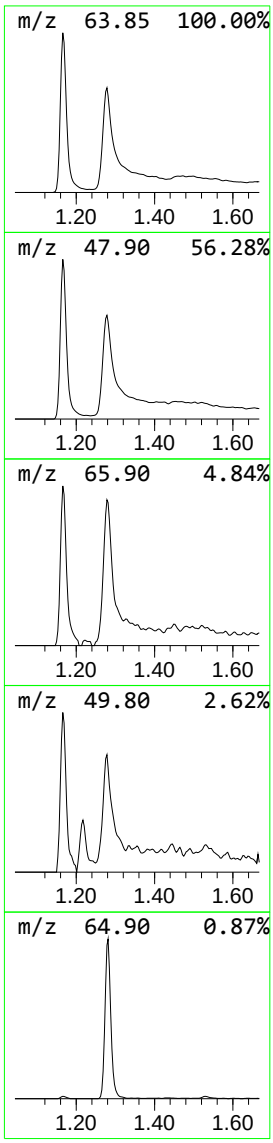
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.166	17.03 ug/L	185197	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 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	17.0	ug/L	185197	1	5.532	543604	50.0