LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012324\
Data File : VV033823.D
Acq On : 23 Jan 2024 12:24
Operator : SY/MD
Sample : P1190-20DL 40X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMM3DL

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: VV033823.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	52	rBV	44013	50209	6.60%	0.775%
2	1.281	68	75	88	rBV2	139464	155406	20.44%	2.399%
3	1.529	145	152	170	rVB	89685	110563	14.54%	1.707%
4	2.060	307	317	348	rVB	183579	281291	37.00%	4.342%
5	2.185	353	356	362	rVB2	564	580	0.08%	0.009%
6	2.236	368	372	376	rBV4	446	495	0.07%	0.008%
7	2.449	434	438	444	rBV2	581	642	0.08%	0.010%
8	2.564	463	474	485	rVB3	933	1922	0.25%	0.030%
9	2.696	509	515	526	rVB2	1858	2974	0.39%	0.046%
10	2.764	532	536	542	rBV2	155	175	0.02%	0.003%
11	3.195	667	670	675	rVB2	226	176	0.02%	0.003%
12	3.217	675	677	679	rBV2	205	135	0.02%	0.002%
13	3.233	679	682	685	rVV2	220	168	0.02%	0.003%
14	3.426	739	742	745	rBV	175	145	0.02%	0.002%
15	3.812	845	862	899	rBV2	182012	550467	72.41%	8.497%
16	4.249	982	998	1030	rBV	117177	301139	39.61%	4.649%
17	4.490	1071	1073	1076	rVB3	344	181	0.02%	0.003%
18	4.513	1076	1080	1082	rVB	324	208	0.03%	0.003%
19	4.532	1082	1086	1087	rBV	244	197	0.03%	0.003%
20	4.567	1095	1097	1100	rVB	332	169	0.02%	0.003%
21	4.590	1100	1104	1106	rBV	325	228	0.03%	0.004%
22	4.625	1111	1115	1118	rVV2	144	118	0.02%	0.002%
23	4.670	1126	1129	1135	rVB2	231	206	0.03%	0.003%
24	4.699	1135	1138	1140	rBV	140	118	0.02%	0.002%
25	4.738	1147	1150	1155	rVB2	224	153	0.02%	0.002%
26	4.860	1185	1188	1195	rVV2	110	145	0.02%	0.002%
27	4.957	1201	1218	1254	rBV2	286028	760192	100.00%	11.735%
28	5.194	1289	1292	1295	rBB3	260	127	0.02%	0.002%
29	5.320	1328	1331	1337	rVB3	191	207	0.03%	0.003%
30	5.355	1340	1342	1344	rVB2	283	132	0.02%	0.002%
31	5.397	1351	1355	1358	rVB2	153	121	0.02%	0.002%
32	5.442	1364	1369	1371	rVB	200	178	0.02%	0.003%
33	5.532	1384	1397	1433	rBV	255875	522904	68.79%	8.072%
34	5.844	1484	1494	1509	rVB7	2612	5290	0.70%	0.082%
35	5.902	1509	1512	1515	rBV2	202	196	0.03%	0.003%
36	5.989	1526	1539	1569	rBV	166046	342757	45.09%	5.291%

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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMM3DL

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	6.143	1585	1587	1589	rVB2	408	199	0.03%	0.003%
38	6.162	1591	1593	1596	rVB2	376	164	0.02%	0.003%
39	6.182	1596	1599	1600	rBV2	190	128	0.02%	0.002%
40	6.243	1615	1618	1624	rVB2	155	136	0.02%	0.002%
41	6.561	1715	1717	1720	rBV	152	119	0.02%	0.002%
42	6.596	1724	1728	1731	rVB	224	172	0.02%	0.003%
43	6.625	1731	1737	1738	rBV2	166	133	0.02%	0.002%
44	6.645	1738	1743	1745	rVV3	209	208	0.03%	0.003%
45	6.738	1769	1772	1775	rVB2	222	181	0.02%	0.003%
46	6.760	1775	1779	1782	rBV2	199	208	0.03%	0.003%
47	6.783	1782	1786	1789	rVB2	143	118	0.02%	0.002%
48	6.915	1816	1827	1849	rBV	93464	177406	23.34%	2.739%
49	7.056	1869	1871	1874	rBV2	284	178	0.02%	0.003%
50	7.101	1882	1885	1888	rVB3	327	156	0.02%	0.002%
51	7.127	1888	1893	1895	rBV2	235	235	0.03%	0.004%
52	7.140	1895	1897	1903	rVV	340	322	0.04%	0.005%
53	7.243	1918	1929	1959	rBV	346763	615229	80.93%	9.497%
54	7.509	2010	2012	2016	rVB2	258	149	0.02%	0.002%
55	7.555	2016	2026	2051	rBV	62845	115551	15.20%	1.784%
56	7.664	2056	2060	2063	rVB4	318	287	0.04%	0.004%
57	7.889	2127	2130	2133	rBV	202	192	0.03%	0.003%
58	7.915	2136	2138	2141	rVV3	360	190	0.02%	0.003%
59	8.024	2163	2172	2212	rBV	166750	328724	43.24%	5.074%
60	8.365	2276	2278	2282	rVV2	221	120	0.02%	0.002%
61	8.503	2317	2321	2325	rVV3	300	269	0.04%	0.004%
62	8.561	2337	2339	2345	rVB	221	172	0.02%	0.003%
63	8.603	2345	2352	2355	rBV2	145	188	0.02%	0.003%
64	8.741	2389	2395	2398	rBV2	137	132	0.02%	0.002%
65	8.783	2398	2408	2440	rBV	383329	632561	83.21%	9.765%
66	9.017	2478	2481	2484	rVB	234	151	0.02%	0.002%
67	9.516	2627	2636	2639	rBV2	257	324	0.04%	0.005%
68	9.834	2729	2735	2737	rBV	139	142	0.02%	0.002%
69	10.152	2822	2834	2859	rBV	211646	332274	43.71%	5.129%
70	10.239	2859	2861	2865	rVV2	155	140	0.02%	0.002%
71	10.316	2882	2885	2887	rBV2	216	148	0.02%	0.002%
72	10.516	2944	2947	2950	rBV2	144	115	0.02%	0.002%
73	10.892	3059	3064	3066	rBV	187	152	0.02%	0.002%
74	10.953	3078	3083	3085	rBV2	113	121	0.02%	0.002%
75	11.185	3144	3155	3175	rBV	400774	618308	81.34%	9.545%
76	11.413	3224	3226	3230	rVB	229	140	0.02%	0.002%

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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMM3DL

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

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

77	11.484	3246	3248	3256	rVB	176	174	0.02%	0.003%
78	11.561	3260	3272	3294	rBV	345841	556554	73.21%	8.591%
79	12.127	3443	3448	3451	rBV2	193	145	0.02%	0.002%
80	13.464	3857	3864	3868	rBV3	406	534	0.07%	0.008%
81	13.696	3932	3936	3939	rBV2	145	151	0.02%	0.002%
82	13.783	3959	3963	3966	rBV2	184	141	0.02%	0.002%
83	13.808	3968	3971	3973	rVV	305	195	0.03%	0.003%
84	13.821	3973	3975	3978	rVV2	215	135	0.02%	0.002%
85	13.853	3982	3985	3989	rVB3	213	153	0.02%	0.002%
86	14.056	4044	4048	4051	rBV3	217	154	0.02%	0.002%
87	14.088	4056	4058	4060	rBV	215	124	0.02%	0.002%
88	14.146	4072	4076	4077	rBV2	247	173	0.02%	0.003%
89	14.213	4090	4097	4100	rBV2	276	394	0.05%	0.006%
90	14.361	4139	4143	4151	rBV2	319	432	0.06%	0.007%
91	14.500	4184	4186	4188	rBV	232	150	0.02%	0.002%
92	14.602	4215	4218	4221	rBV2	279	176	0.02%	0.003%
93	14.844	4289	4293	4296	rBV3	306	245	0.03%	0.004%
94	14.876	4301	4303	4307	rVB2	362	178	0.02%	0.003%
95	14.911	4312	4314	4316	rBV2	277	148	0.02%	0.002%
96	15.011	4342	4345	4347	rBV3	266	147	0.02%	0.002%
97	15.094	4368	4371	4376	rVB4	576	460	0.06%	0.007%
98	15.117	4376	4378	4381	rBV3	338	208	0.03%	0.003%
99	15.885	4615	4617	4620	rBV2	654	373	0.05%	0.006%
100	15.930	4629	4631	4634	rBV2	573	412	0.05%	0.006%

Sum of corrected areas: 6478112

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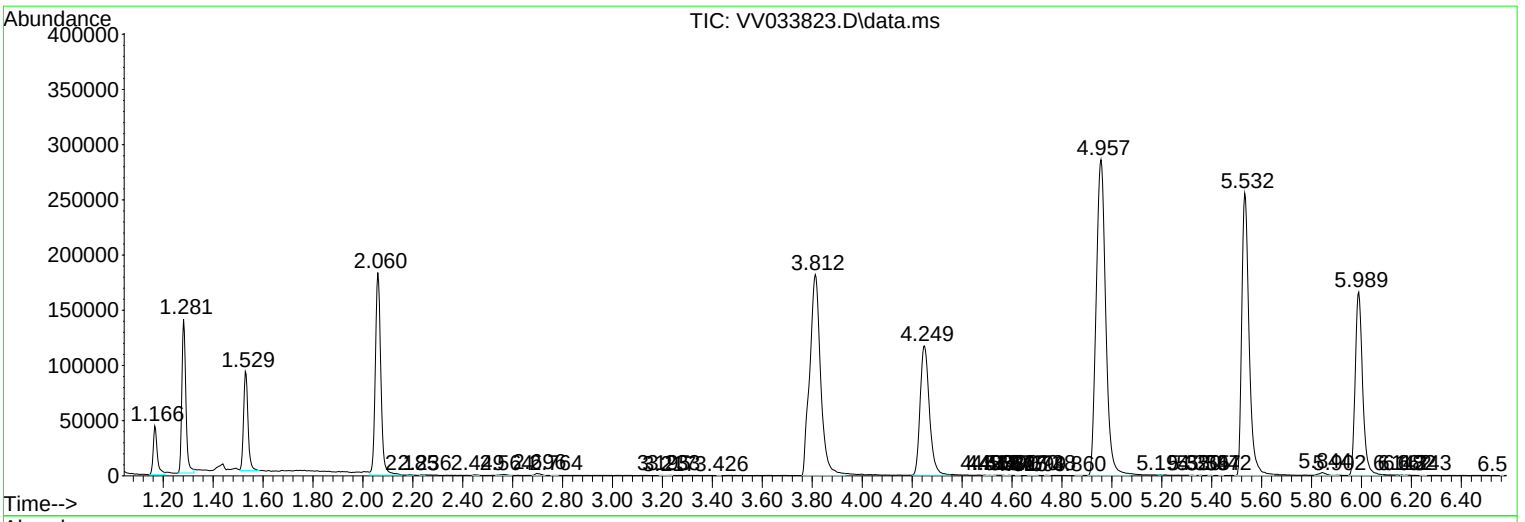
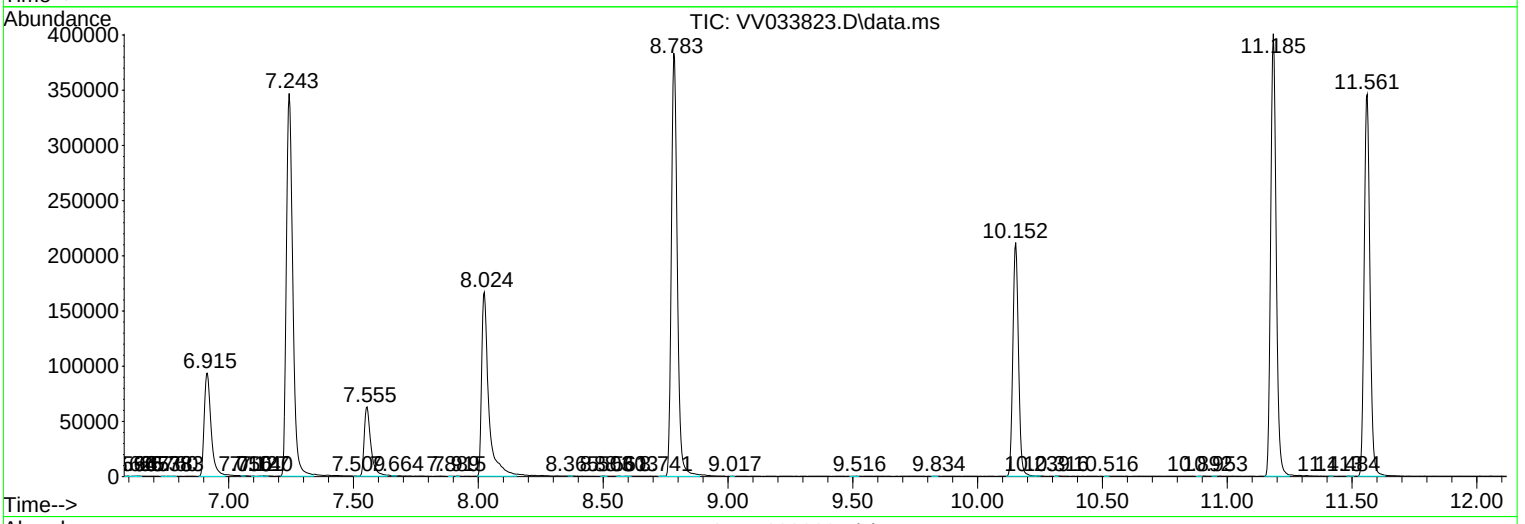
ALS Vial : 10 Sample Multiplier: 1

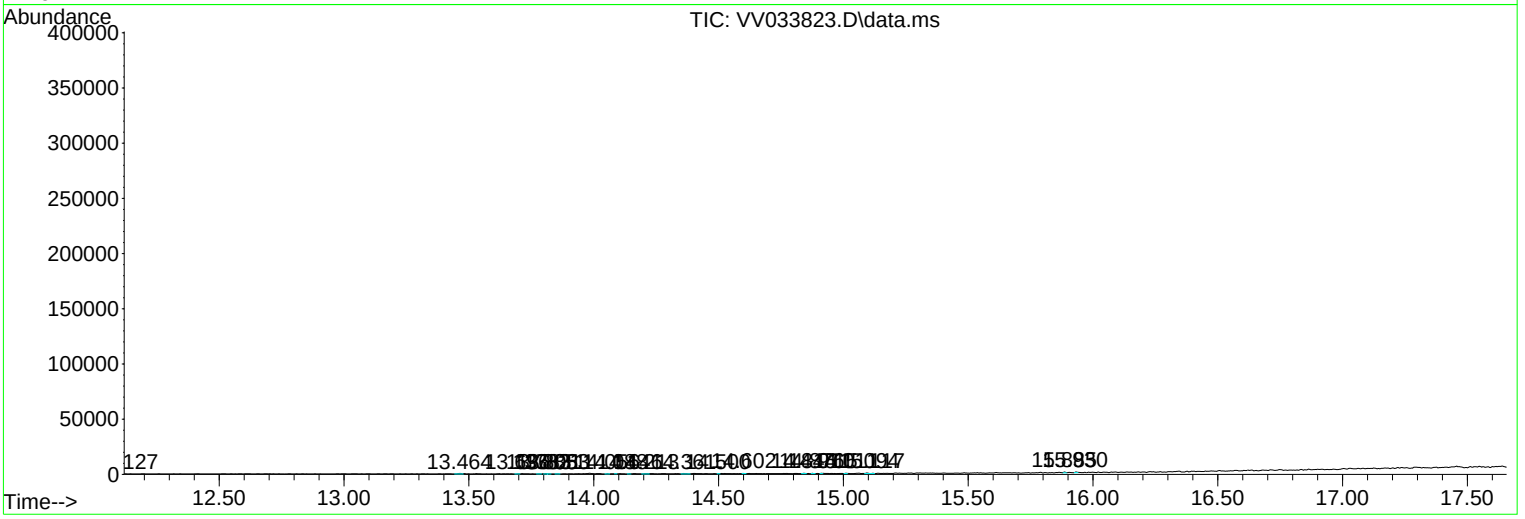
Instrument :
MSVOA_V
ClientSampleId :
DCMM3DL

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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ClientSampleId :
DCMM3DL

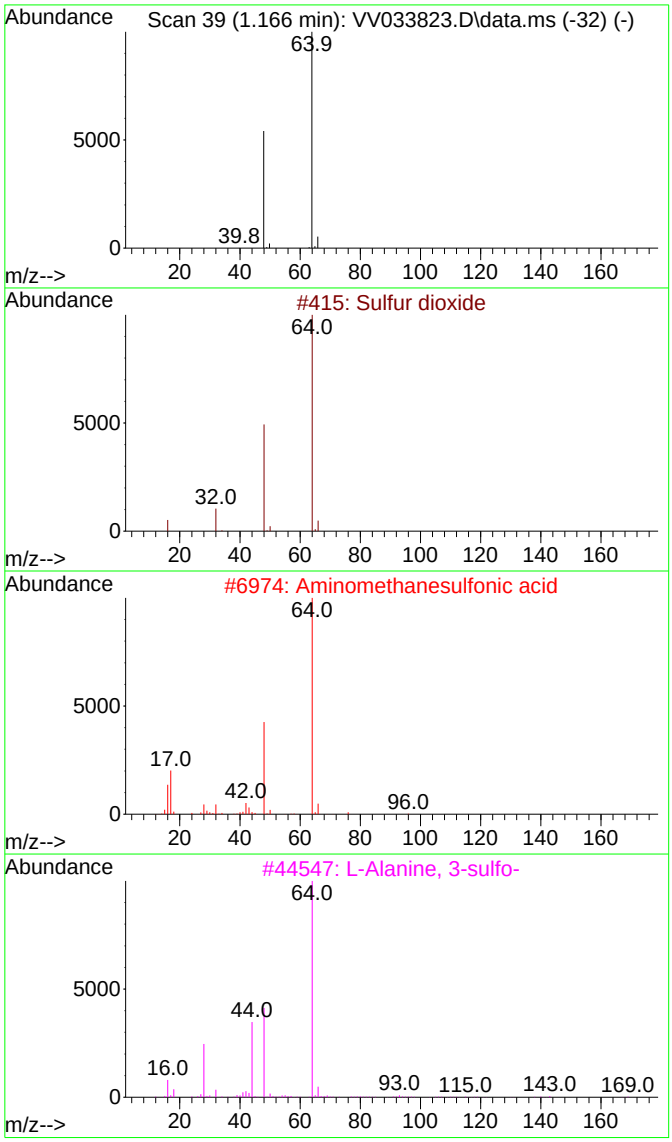
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis

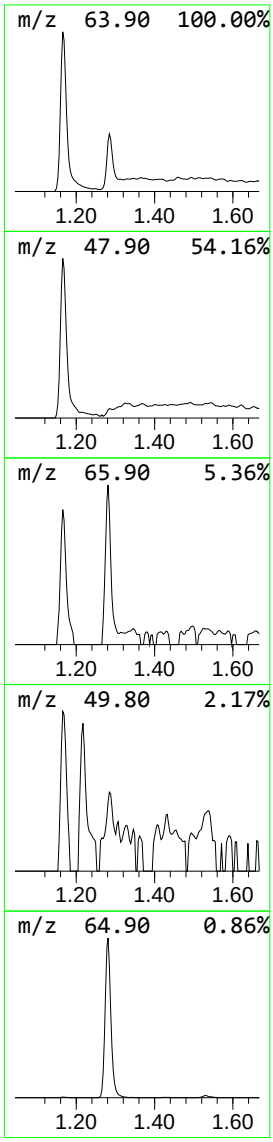
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.166	4.80 ug/L	50209	1,4-Difluorobenzene	5.532

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
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	4.8	ug/L	50209	1	5.532	522904	50.0