LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012224\
Data File : VV033808.D
Acq On : 22 Jan 2024 17:23
Operator : SY/MD
Sample : P1191-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMQ5

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: VV033808.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	53	rBV	100710	115845	14.54%	1.839%
2	1.281	68	75	92	rBV2	127264	163708	20.54%	2.599%
3	1.532	146	153	168	rVB	92973	113471	14.24%	1.802%
4	2.059	308	317	332	rVB	190351	275961	34.63%	4.382%
5	2.182	350	355	357	rBV2	764	683	0.09%	0.011%
6	2.220	361	367	385	rVB3	5626	12072	1.51%	0.192%
7	2.362	409	411	415	rVB2	374	247	0.03%	0.004%
8	2.391	418	420	424	rVB2	226	124	0.02%	0.002%
9	2.449	434	438	439	rBV2	363	244	0.03%	0.004%
10	2.555	460	471	472	rBV4	3165	3412	0.43%	0.054%
11	2.854	560	564	568	rBV2	114	133	0.02%	0.002%
12	2.889	572	575	583	rVB2	185	193	0.02%	0.003%
13	3.114	642	645	650	rBV	211	245	0.03%	0.004%
14	3.744	831	841	843	rBV2	129	180	0.02%	0.003%
15	3.783	843	853	891	rBV	50866	145482	18.26%	2.310%
16	4.249	982	998	1027	rBV	123511	313978	39.40%	4.986%
17	4.436	1052	1056	1059	rBV4	372	321	0.04%	0.005%
18	4.538	1086	1088	1091	rVB2	295	177	0.02%	0.003%
19	4.564	1092	1096	1097	rBV	280	149	0.02%	0.002%
20	4.590	1101	1104	1108	rBV	133	117	0.01%	0.002%
21	4.616	1109	1112	1116	rVB3	262	172	0.02%	0.003%
22	4.696	1133	1137	1143	rBV2	103	107	0.01%	0.002%
23	4.770	1157	1160	1162	rBV2	161	119	0.01%	0.002%
24	4.956	1202	1218	1262	rBV2	296936	796845	100.00%	12.653%
25	5.133	1270	1273	1274	rBV	269	154	0.02%	0.002%
26	5.252	1307	1310	1311	rBV	231	124	0.02%	0.002%
27	5.374	1344	1348	1353	rVB	290	273	0.03%	0.004%
28	5.400	1353	1356	1359	rBV3	159	116	0.01%	0.002%
29	5.426	1359	1364	1365	rBV2	180	135	0.02%	0.002%
30	5.532	1386	1397	1434	rBV	249913	519661	65.21%	8.252%
31	5.837	1486	1492	1494	rBV4	1223	1311	0.16%	0.021%
32	5.947	1523	1526	1527	rBV2	195	113	0.01%	0.002%
33	5.989	1527	1539	1564	rBV	174098	356949	44.80%	5.668%
34	6.140	1582	1586	1592	rVB4	524	605	0.08%	0.010%
35	6.175	1595	1597	1602	rBV	180	175	0.02%	0.003%
36	6.227	1611	1613	1618	rVB3	199	129	0.02%	0.002%

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DCMQ5

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	6.252	1618	1621	1624	rBB	185	148	0.02%	0.002%
38	6.281	1627	1630	1632	rBV	187	122	0.02%	0.002%
39	6.300	1632	1636	1638	rVB2	169	102	0.01%	0.002%
40	6.484	1689	1693	1695	rBV	188	163	0.02%	0.003%
41	6.522	1700	1705	1707	rBV2	102	119	0.01%	0.002%
42	6.590	1723	1726	1729	rBV2	222	200	0.03%	0.003%
43	6.651	1742	1745	1749	rBV2	221	192	0.02%	0.003%
44	6.796	1786	1790	1794	rBV2	176	171	0.02%	0.003%
45	6.828	1796	1800	1804	rVB	146	105	0.01%	0.002%
46	6.857	1804	1809	1813	rBV2	102	121	0.02%	0.002%
47	6.911	1814	1826	1856	rBV	97698	183927	23.08%	2.921%
48	7.143	1893	1898	1902	rBV3	320	349	0.04%	0.006%
49	7.165	1903	1905	1908	rVB2	377	181	0.02%	0.003%
50	7.243	1917	1929	1956	rBV	365747	644082	80.83%	10.227%
51	7.554	2016	2026	2053	rBV	66027	120969	15.18%	1.921%
52	7.763	2088	2091	2094	rVB4	274	155	0.02%	0.002%
53	7.821	2103	2109	2114	rVB2	224	268	0.03%	0.004%
54	7.847	2114	2117	2120	rBV2	134	116	0.01%	0.002%
55	7.882	2120	2128	2134	rBV2	483	571	0.07%	0.009%
56	7.911	2134	2137	2142	rBV3	406	406	0.05%	0.006%
57	7.937	2142	2145	2151	rVB	144	123	0.02%	0.002%
58	8.024	2163	2172	2219	rBV	171669	330763	41.51%	5.252%
59	8.403	2288	2290	2296	rVB3	188	156	0.02%	0.002%
60	8.561	2337	2339	2342	rVB3	214	128	0.02%	0.002%
61	8.783	2397	2408	2457	rBV	381316	632883	79.42%	10.049%
62	9.194	2532	2536	2540	rBV	175	141	0.02%	0.002%
63	9.429	2605	2609	2616	rVB	200	210	0.03%	0.003%
64	9.464	2616	2620	2627	rBV2	193	199	0.02%	0.003%
65	9.821	2727	2731	2735	rBV2	180	152	0.02%	0.002%
66	9.927	2759	2764	2767	rVB2	135	126	0.02%	0.002%
67	9.953	2768	2772	2775	rBV2	129	111	0.01%	0.002%
68	9.969	2775	2777	2781	rVV2	181	116	0.01%	0.002%
69	10.152	2823	2834	2852	rBV	220678	343595	43.12%	5.456%
70	10.320	2881	2886	2887	rBV2	315	264	0.03%	0.004%
71	10.358	2893	2898	2902	rVB2	130	124	0.02%	0.002%
72	10.435	2918	2922	2925	rBV2	189	148	0.02%	0.002%
73	10.493	2934	2940	2943	rBV2	139	152	0.02%	0.002%
74	10.940	3076	3079	3085	rBV2	142	104	0.01%	0.002%
75	10.972	3086	3089	3095	rVB	185	142	0.02%	0.002%
76	11.185	3144	3155	3181	rBV	397153	618083	77.57%	9.814%

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Instrument :
MSVOA_V
ClientSampleId :
DCMQ5

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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Peak separation: 5

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

77	11.561	3260	3272	3296	rBV	369659	588956	73.91%	9.352%
78	12.114	3438	3444	3447	rBV	187	240	0.03%	0.004%
79	12.246	3479	3485	3488	rBV2	199	263	0.03%	0.004%
80	12.490	3557	3561	3566	rBV2	163	174	0.02%	0.003%
81	12.631	3602	3605	3609	rBV2	134	123	0.02%	0.002%
82	12.670	3615	3617	3623	rBV2	147	139	0.02%	0.002%
83	12.927	3693	3697	3700	rBV2	245	181	0.02%	0.003%
84	12.995	3714	3718	3724	rBV	187	225	0.03%	0.004%
85	13.188	3775	3778	3783	rBV	155	152	0.02%	0.002%
86	13.313	3813	3817	3820	rVB	211	166	0.02%	0.003%
87	13.445	3853	3858	3861	rBV2	106	116	0.01%	0.002%
88	13.464	3861	3864	3866	rBV	176	135	0.02%	0.002%
89	13.982	4022	4025	4028	rBV	201	141	0.02%	0.002%
90	14.008	4028	4033	4035	rVV2	230	176	0.02%	0.003%
91	14.027	4035	4039	4041	rVV3	159	115	0.01%	0.002%
92	14.168	4080	4083	4085	rBV2	317	209	0.03%	0.003%
93	14.217	4095	4098	4100	rBV	232	176	0.02%	0.003%
94	14.316	4126	4129	4133	rBV	174	158	0.02%	0.003%
95	14.692	4242	4246	4248	rBV2	261	174	0.02%	0.003%
96	14.763	4265	4268	4271	rBV4	234	146	0.02%	0.002%
97	14.995	4337	4340	4344	rBV3	386	239	0.03%	0.004%
98	15.673	4548	4551	4555	rBV2	485	388	0.05%	0.006%
99	15.863	4607	4610	4615	rBV3	548	519	0.07%	0.008%
100	16.104	4682	4685	4687	rBV4	766	461	0.06%	0.007%

Sum of corrected areas: 6297689

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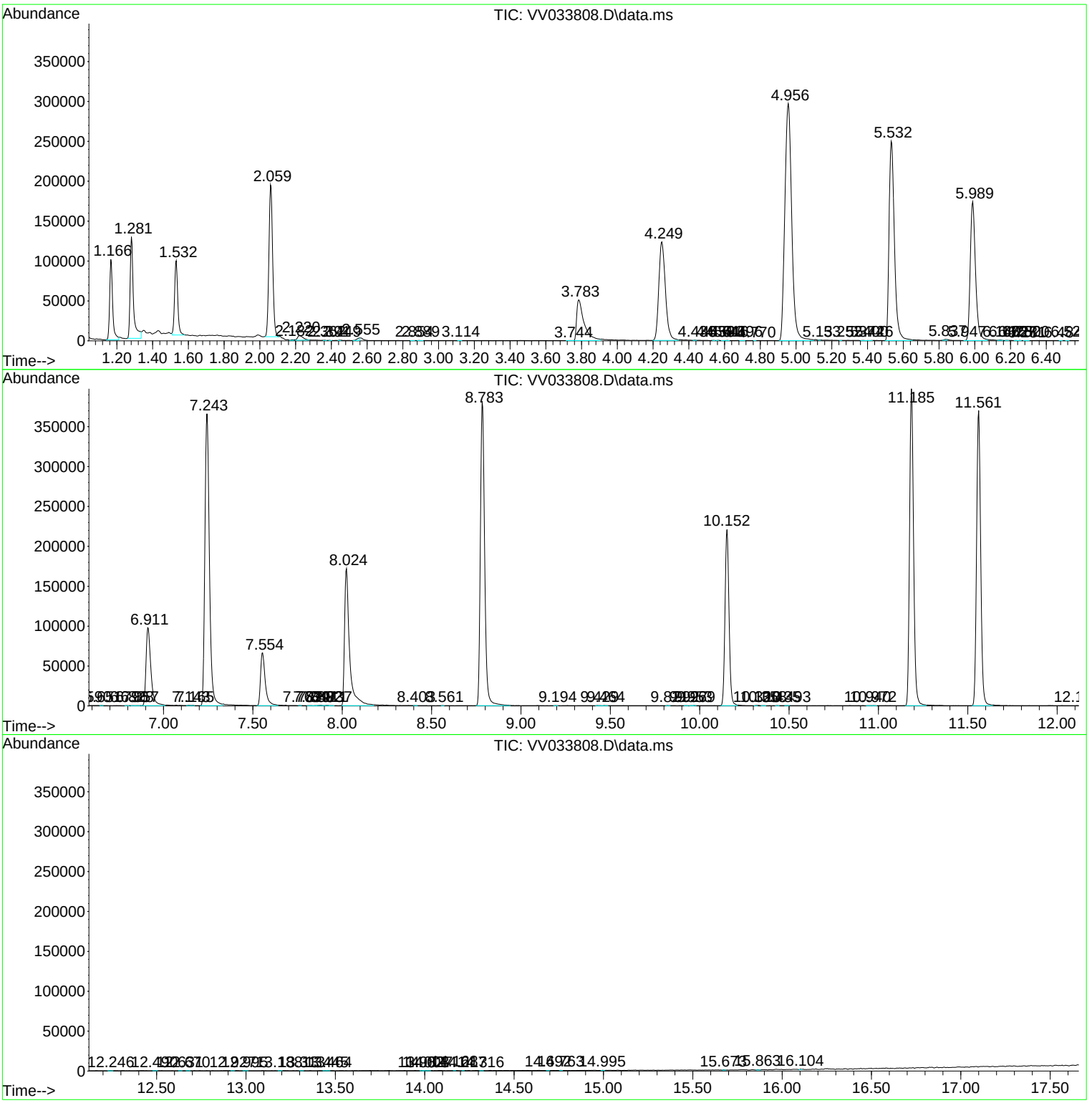
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis

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



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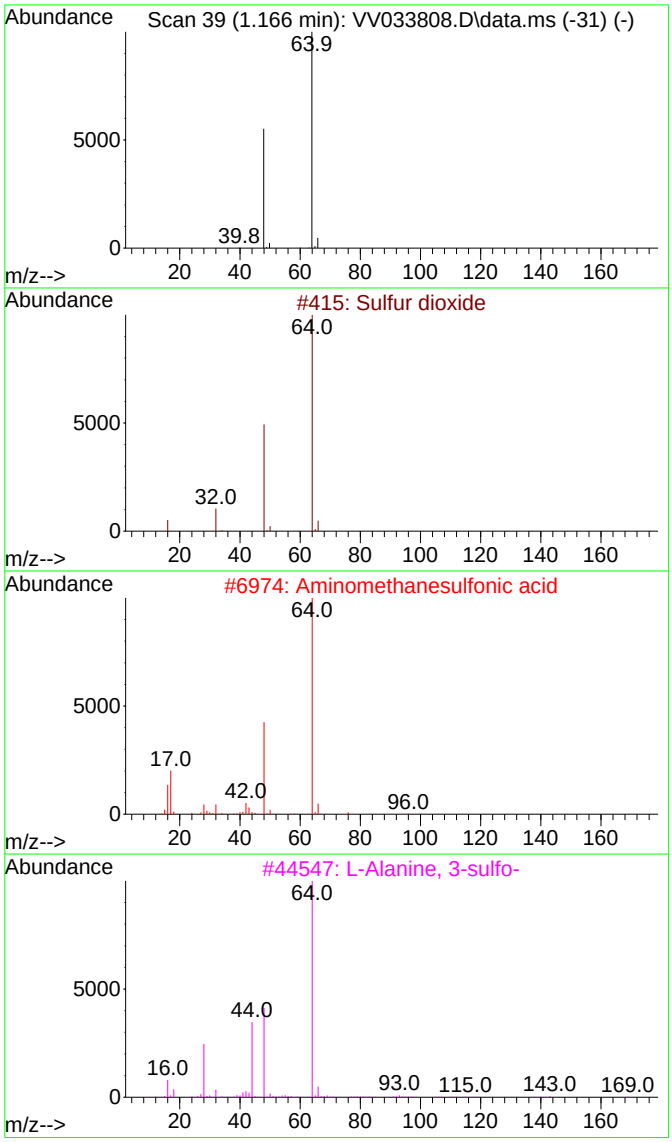
Quant Title : VOC Analysis

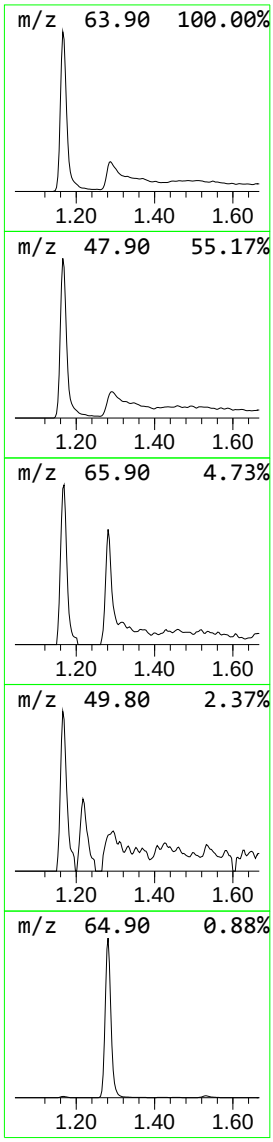
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.166	11.15 ug/L	115845	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 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	11.2	ug/L	115845	1	5.532	519661	50.0