LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041023\
Data File : VU053623.D
Acq On : 10 Apr 2023 19:12
Operator : JC/MD
Sample : 02251-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0MD8

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_U\Method\SFAMULM033123WMA.M
Title : VOC Analysis

Signal : TIC: VU053623.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.469	33	40	63	rBV	34057	71457	8.76%	1.078%
2	1.597	74	80	93	rVB	103961	120764	14.80%	1.822%
3	1.909	170	177	193	rVB	90019	120430	14.76%	1.817%
4	2.565	369	381	395	rBV	163730	262477	32.17%	3.960%
5	3.131	555	557	559	rBV	242	103	0.01%	0.002%
6	3.337	619	621	623	rBV	297	124	0.02%	0.002%
7	3.459	656	659	660	rBV	325	190	0.02%	0.003%
8	3.613	704	707	712	rVB2	332	199	0.02%	0.003%
9	3.700	732	734	737	rVB	182	79	0.01%	0.001%
10	3.800	762	765	768	rBV2	331	218	0.03%	0.003%
11	3.887	789	792	794	rBV	272	144	0.02%	0.002%
12	3.935	805	807	808	rBV	247	80	0.01%	0.001%
13	4.189	878	886	890	rBV2	212	362	0.04%	0.005%
14	4.250	903	905	908	rBV2	173	112	0.01%	0.002%
15	4.343	931	934	938	rBV2	168	128	0.02%	0.002%
16	4.462	968	971	974	rBV	233	137	0.02%	0.002%
17	4.617	1007	1019	1047	rBV	66123	161627	19.81%	2.439%
18	4.967	1124	1128	1129	rBV2	217	138	0.02%	0.002%
19	4.980	1129	1132	1138	rVB2	267	197	0.02%	0.003%
20	5.054	1140	1155	1174	rBV	147882	329463	40.38%	4.971%
21	5.330	1238	1241	1244	rBV2	277	264	0.03%	0.004%
22	5.408	1263	1265	1267	rBV	179	71	0.01%	0.001%
23	5.443	1275	1276	1279	rVB	257	96	0.01%	0.001%
24	5.465	1279	1283	1285	rBV	194	195	0.02%	0.003%
25	5.719	1341	1362	1394	rBV2	293202	815974	100.00%	12.311%
26	5.973	1438	1441	1443	rBV2	176	115	0.01%	0.002%
27	5.986	1443	1445	1448	rVB	225	90	0.01%	0.001%
28	6.006	1448	1451	1452	rBV	227	125	0.02%	0.002%
29	6.051	1462	1465	1469	rVB	275	148	0.02%	0.002%
30	6.076	1469	1473	1474	rBV	126	84	0.01%	0.001%
31	6.244	1510	1525	1546	rBV	283944	539018	66.06%	8.133%
32	6.523	1608	1612	1614	rBV2	975	933	0.11%	0.014%
33	6.565	1622	1625	1627	rBV	175	101	0.01%	0.002%
34	6.684	1648	1662	1683	rBV	183984	359704	44.08%	5.427%
35	6.944	1741	1743	1746	rBV	173	85	0.01%	0.001%
36	7.012	1762	1764	1766	rBV	196	122	0.01%	0.002%

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Integrator: RTE
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
Title : VOC Analysis

37	7.035	1770	1771	1772	rBV	93	22	0.00%	0.000%
38	7.125	1796	1799	1801	rBV	209	119	0.01%	0.002%
39	7.153	1805	1808	1810	rBV	255	184	0.02%	0.003%
40	7.221	1827	1829	1833	rBV2	242	163	0.02%	0.002%
41	7.240	1833	1835	1838	rBV	171	115	0.01%	0.002%
42	7.414	1886	1889	1895	rBV2	220	180	0.02%	0.003%
43	7.436	1895	1896	1897	rVB	167	32	0.00%	0.000%
44	7.452	1898	1901	1903	rVV	174	104	0.01%	0.002%
45	7.562	1920	1935	1953	rBV	104326	181612	22.26%	2.740%
46	7.893	2025	2038	2061	rBV	379545	653363	80.07%	9.858%
47	8.083	2094	2097	2099	rBV	247	146	0.02%	0.002%
48	8.173	2114	2125	2143	rBV	72161	121227	14.86%	1.829%
49	8.536	2235	2238	2240	rBV2	233	150	0.02%	0.002%
50	8.549	2240	2242	2250	rVB2	187	185	0.02%	0.003%
51	8.629	2254	2267	2294	rBV	200433	368612	45.17%	5.562%
52	9.067	2400	2403	2405	rBV	174	120	0.01%	0.002%
53	9.137	2422	2425	2426	rBV	181	90	0.01%	0.001%
54	9.414	2498	2511	2539	rBV	384524	695933	85.29%	10.500%
55	10.025	2698	2701	2704	rVB	250	142	0.02%	0.002%
56	10.362	2803	2806	2809	rBV	248	167	0.02%	0.003%
57	10.385	2810	2813	2815	rBV	344	166	0.02%	0.003%
58	10.555	2863	2866	2869	rBV	205	187	0.02%	0.003%
59	10.568	2869	2870	2872	rVB	259	85	0.01%	0.001%
60	10.616	2882	2885	2888	rBV2	206	137	0.02%	0.002%
61	10.751	2915	2927	2950	rVB	275022	438487	53.74%	6.616%
62	10.973	2994	2996	3003	rVB	249	178	0.02%	0.003%
63	11.005	3003	3006	3008	rBV	204	103	0.01%	0.002%
64	11.240	3077	3079	3081	rVB2	339	155	0.02%	0.002%
65	11.275	3088	3090	3093	rBV	161	70	0.01%	0.001%
66	11.472	3147	3151	3154	rBV2	312	226	0.03%	0.003%
67	11.565	3178	3180	3183	rVB2	185	102	0.01%	0.002%
68	11.626	3195	3199	3202	rBV	286	172	0.02%	0.003%
69	11.706	3222	3224	3228	rBV	238	133	0.02%	0.002%
70	11.742	3228	3235	3243	rBV3	2766	3825	0.47%	0.058%
71	11.806	3243	3255	3277	rBV	418970	707530	86.71%	10.675%
72	12.076	3335	3339	3341	rBV	594	427	0.05%	0.006%
73	12.189	3362	3374	3393	rBV	389722	659130	80.78%	9.945%
74	12.523	3476	3478	3480	rBV	293	190	0.02%	0.003%
75	12.584	3494	3497	3500	rBV	268	169	0.02%	0.003%
76	12.742	3545	3546	3554	rBV2	316	292	0.04%	0.004%

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Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
Title : VOC Analysis

77	12.870	3583	3586	3587	rBV	286	117	0.01%	0.002%
78	13.121	3662	3664	3665	rBV	274	110	0.01%	0.002%
79	13.253	3703	3705	3706	rBV	314	102	0.01%	0.002%
80	13.385	3744	3746	3747	rBV	322	133	0.02%	0.002%
81	13.783	3866	3870	3875	rBV2	556	558	0.07%	0.008%
82	13.845	3881	3889	3898	rBV5	4576	6829	0.84%	0.103%

Sum of corrected areas: 6627833

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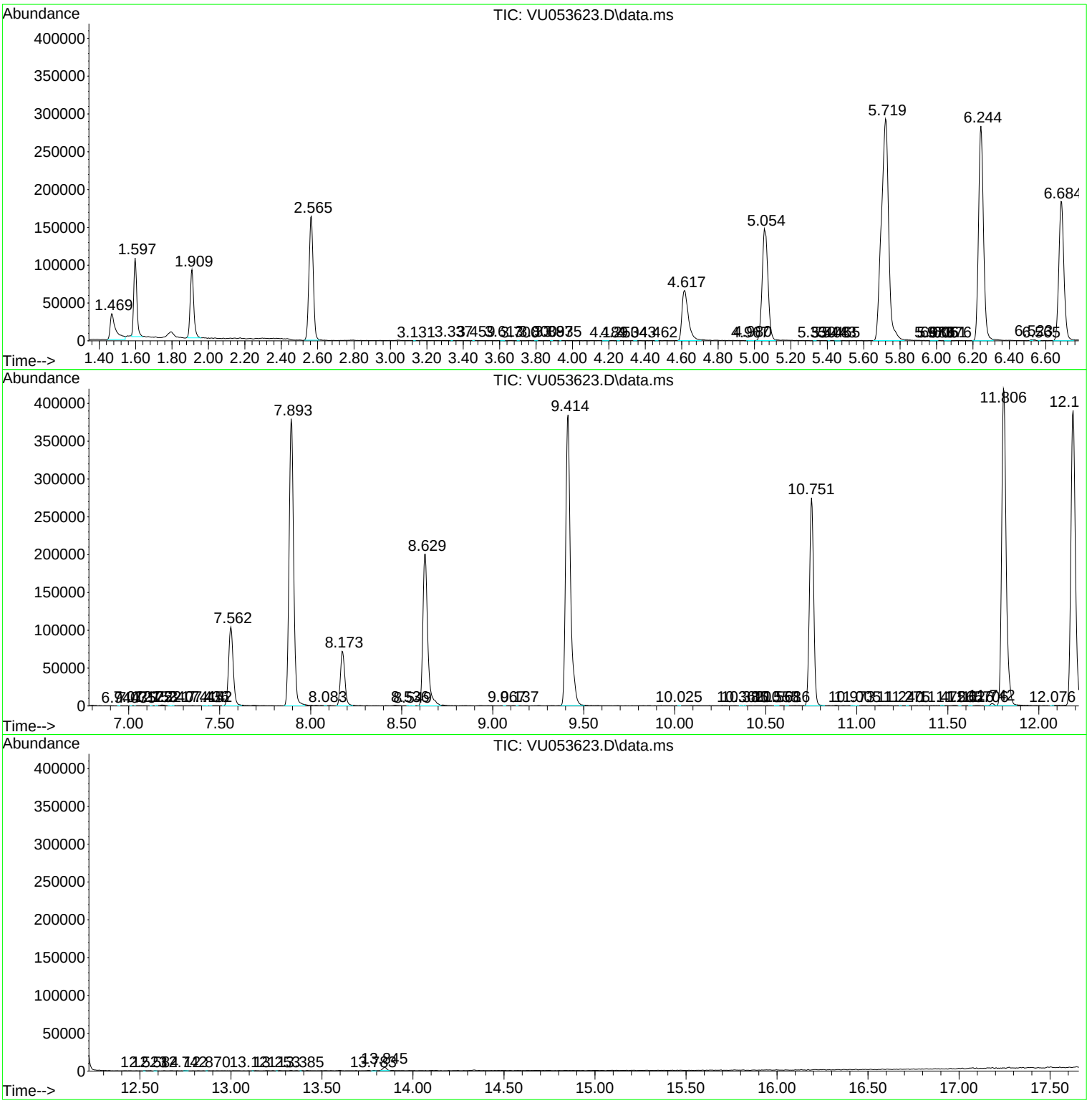
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
Quant Title : VOC Analysis

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



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
Quant Title : VOC Analysis

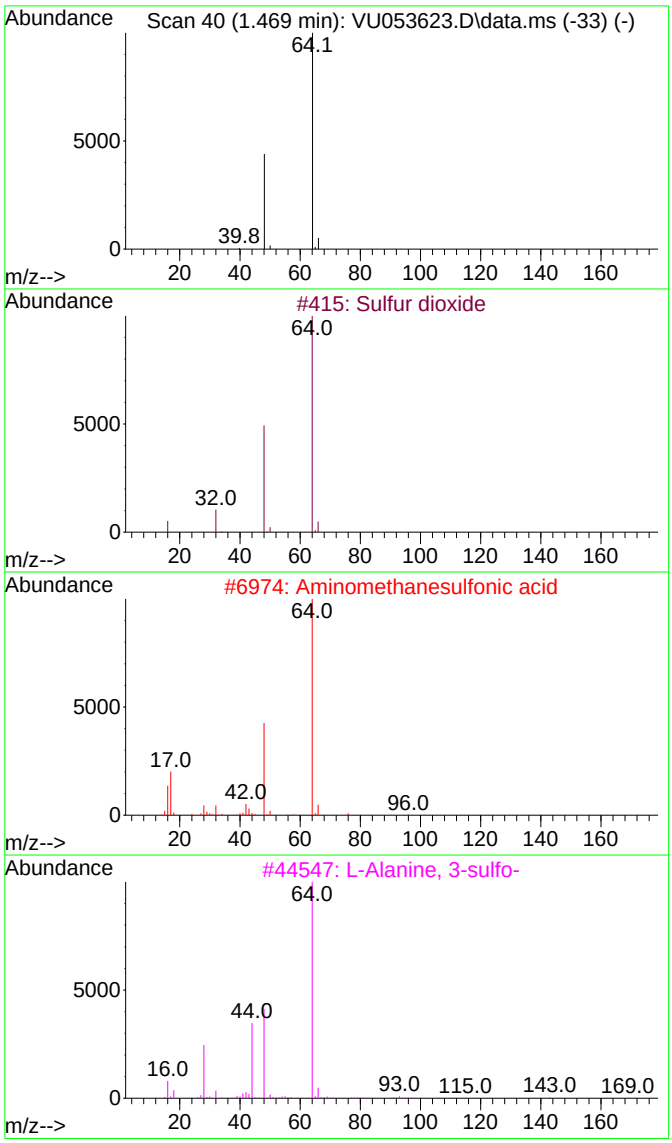
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

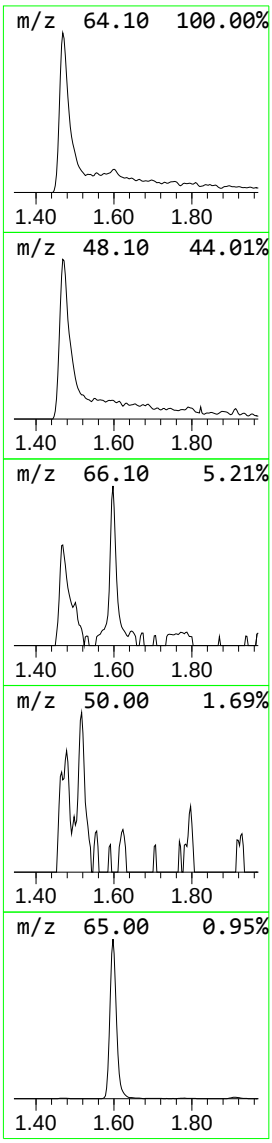
****

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.469	6.63 ug/L	71457	1,4-Difluorobenzene	6.244

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	90
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5	Sulfur dioxide	64	O2S	007446-09-5	5





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.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	1.469	6.6	ug/L	71457	1	6.244	539018	50.0