LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031723\
Data File : VU053268.D
Acq On : 17 Mar 2023 15:37
Operator : JC/MD
Sample : 01930-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EYFB5

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\SFAMULM031523WMA.M
Title : VOC Analysis

Signal : TIC: VU053268.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.465	31	39	52	rBV2	15903	29201	5.29%	0.694%
2	1.597	74	80	93	rVB	70387	78394	14.21%	1.863%
3	1.912	170	178	193	rVB	56579	76707	13.90%	1.823%
4	2.565	369	381	394	rBV	107753	173056	31.37%	4.112%
5	3.427	647	649	651	rBV	212	124	0.02%	0.003%
6	3.549	683	687	690	rBV	152	141	0.03%	0.003%
7	3.703	733	735	737	rBV	162	72	0.01%	0.002%
8	3.951	810	812	814	rVB	172	71	0.01%	0.002%
9	4.025	833	835	837	rBV	138	62	0.01%	0.001%
10	4.044	837	841	845	rVB2	147	96	0.02%	0.002%
11	4.189	885	886	888	rBV	119	31	0.01%	0.001%
12	4.350	933	936	937	rBV	181	122	0.02%	0.003%
13	4.362	938	940	942	rVV	151	86	0.02%	0.002%
14	4.401	949	952	957	rBV2	181	141	0.03%	0.003%
15	4.478	973	976	978	rBV	218	174	0.03%	0.004%
16	4.613	1006	1018	1040	rBV	40503	97534	17.68%	2.318%
17	4.861	1092	1095	1098	rVB2	226	155	0.03%	0.004%
18	4.899	1103	1107	1108	rBV	305	210	0.04%	0.005%
19	4.951	1121	1123	1131	rVB2	200	147	0.03%	0.003%
20	5.057	1141	1156	1176	rBV	105203	227805	41.29%	5.413%
21	5.288	1224	1228	1232	rBV3	404	264	0.05%	0.006%
22	5.449	1276	1278	1279	rBV	121	49	0.01%	0.001%
23	5.465	1280	1283	1285	rVV2	137	81	0.01%	0.002%
24	5.481	1286	1288	1291	rVB2	163	89	0.02%	0.002%
25	5.620	1328	1331	1335	rBV2	169	146	0.03%	0.003%
26	5.719	1342	1362	1382	rBV2	205281	551662	100.00%	13.108%
27	5.883	1411	1413	1415	rBV	201	83	0.02%	0.002%
28	5.941	1427	1431	1437	rVB2	163	175	0.03%	0.004%
29	6.021	1454	1456	1458	rVB	163	46	0.01%	0.001%
30	6.131	1487	1490	1492	rBV	162	129	0.02%	0.003%
31	6.243	1512	1525	1548	rBV	188525	355520	64.45%	8.448%
32	6.472	1593	1596	1599	rVB	292	157	0.03%	0.004%
33	6.684	1647	1662	1685	rBV	131160	255498	46.31%	6.071%
34	6.780	1689	1692	1695	rVV	139	72	0.01%	0.002%
35	6.822	1703	1705	1706	rBV	80	39	0.01%	0.001%
36	6.915	1731	1734	1738	rVB	369	305	0.06%	0.007%

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Integrator: RTE
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Start Thrs: 0.2 Max Peaks: 100
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Title : VOC Analysis

37	6.938	1738	1741	1743	rBV	186	152	0.03%	0.004%
38	6.947	1743	1744	1747	rVB	138	46	0.01%	0.001%
39	7.031	1767	1770	1772	rBV	280	206	0.04%	0.005%
40	7.079	1784	1785	1788	rVB2	121	66	0.01%	0.002%
41	7.108	1792	1794	1797	rBV2	147	108	0.02%	0.003%
42	7.179	1811	1816	1817	rBV2	593	461	0.08%	0.011%
43	7.259	1838	1841	1842	rBV	170	111	0.02%	0.003%
44	7.330	1861	1863	1866	rVB	213	98	0.02%	0.002%
45	7.436	1893	1896	1899	rBV	206	113	0.02%	0.003%
46	7.562	1923	1935	1956	rBV	74264	127728	23.15%	3.035%
47	7.687	1964	1974	1980	rVB5	803	1412	0.26%	0.034%
48	7.716	1980	1983	1988	rBV	230	267	0.05%	0.006%
49	7.738	1988	1990	1994	rVV	157	90	0.02%	0.002%
50	7.812	2010	2013	2015	rVB	211	97	0.02%	0.002%
51	7.828	2015	2018	2019	rBV	148	82	0.01%	0.002%
52	7.893	2025	2038	2064	rBV	258750	435721	78.98%	10.353%
53	8.047	2083	2086	2087	rVB2	234	97	0.02%	0.002%
54	8.095	2097	2101	2104	rBV	208	193	0.03%	0.005%
55	8.176	2114	2126	2144	rBV	51157	83861	15.20%	1.993%
56	8.282	2156	2159	2163	rBV2	222	175	0.03%	0.004%
57	8.385	2189	2191	2195	rVB2	218	134	0.02%	0.003%
58	8.555	2242	2244	2248	rVB2	183	109	0.02%	0.003%
59	8.578	2248	2251	2254	rVB	219	103	0.02%	0.002%
60	8.626	2255	2266	2291	rBV2	125501	235295	42.65%	5.591%
61	8.828	2326	2329	2335	rVB	192	141	0.03%	0.003%
62	8.896	2348	2350	2353	rBV	166	87	0.02%	0.002%
63	9.047	2394	2397	2405	rVB2	332	404	0.07%	0.010%
64	9.095	2406	2412	2415	rBV2	321	373	0.07%	0.009%
65	9.340	2485	2488	2490	rBV	151	81	0.01%	0.002%
66	9.414	2498	2511	2533	rBV	259263	426547	77.32%	10.135%
67	9.613	2571	2573	2576	rBV	156	79	0.01%	0.002%
68	9.639	2578	2581	2583	rVB2	202	121	0.02%	0.003%
69	9.697	2596	2599	2601	rBV	216	126	0.02%	0.003%
70	9.819	2634	2637	2643	rBV	198	149	0.03%	0.004%
71	10.381	2809	2812	2815	rBV	174	112	0.02%	0.003%
72	10.417	2820	2823	2824	rBV	130	52	0.01%	0.001%
73	10.520	2852	2855	2858	rBV	165	107	0.02%	0.003%
74	10.539	2859	2861	2865	rVV	193	108	0.02%	0.003%
75	10.568	2869	2870	2871	rVB	102	20	0.00%	0.000%
76	10.751	2915	2927	2945	rVB	168572	271761	49.26%	6.457%

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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Title : VOC Analysis

77	10.889	2968	2970	2975	rBV	158	91	0.02%	0.002%
78	10.989	2998	3001	3004	rVB	186	85	0.02%	0.002%
79	11.108	3036	3038	3041	rVB	149	40	0.01%	0.001%
80	11.160	3050	3054	3057	rBV2	194	123	0.02%	0.003%
81	11.275	3087	3090	3093	rVB	182	86	0.02%	0.002%
82	11.465	3147	3149	3153	rVB	296	126	0.02%	0.003%
83	11.632	3196	3201	3205	rBV	262	337	0.06%	0.008%
84	11.658	3206	3209	3212	rVB	222	171	0.03%	0.004%
85	11.742	3232	3235	3238	rBV	260	190	0.03%	0.005%
86	11.809	3244	3256	3280	rBV	257400	406227	73.64%	9.653%
87	12.188	3362	3374	3390	rBV	229363	363656	65.92%	8.641%
88	12.410	3440	3443	3447	rBV	278	187	0.03%	0.004%
89	12.430	3447	3449	3450	rBV	133	35	0.01%	0.001%
90	12.471	3459	3462	3467	rVB	227	159	0.03%	0.004%
91	12.600	3498	3502	3503	rBV	197	128	0.02%	0.003%
92	12.684	3526	3528	3534	rVB2	216	199	0.04%	0.005%
93	12.732	3541	3543	3545	rBV	184	75	0.01%	0.002%
94	12.748	3546	3548	3551	rVB	261	130	0.02%	0.003%
95	13.076	3648	3650	3655	rBV	206	144	0.03%	0.003%
96	14.307	4028	4033	4037	rBV2	269	328	0.06%	0.008%
97	14.828	4192	4195	4196	rBV2	195	88	0.02%	0.002%
98	15.021	4254	4255	4257	rBV	237	92	0.02%	0.002%
99	15.288	4336	4338	4340	rBV	294	170	0.03%	0.004%

Sum of corrected areas: 4208504

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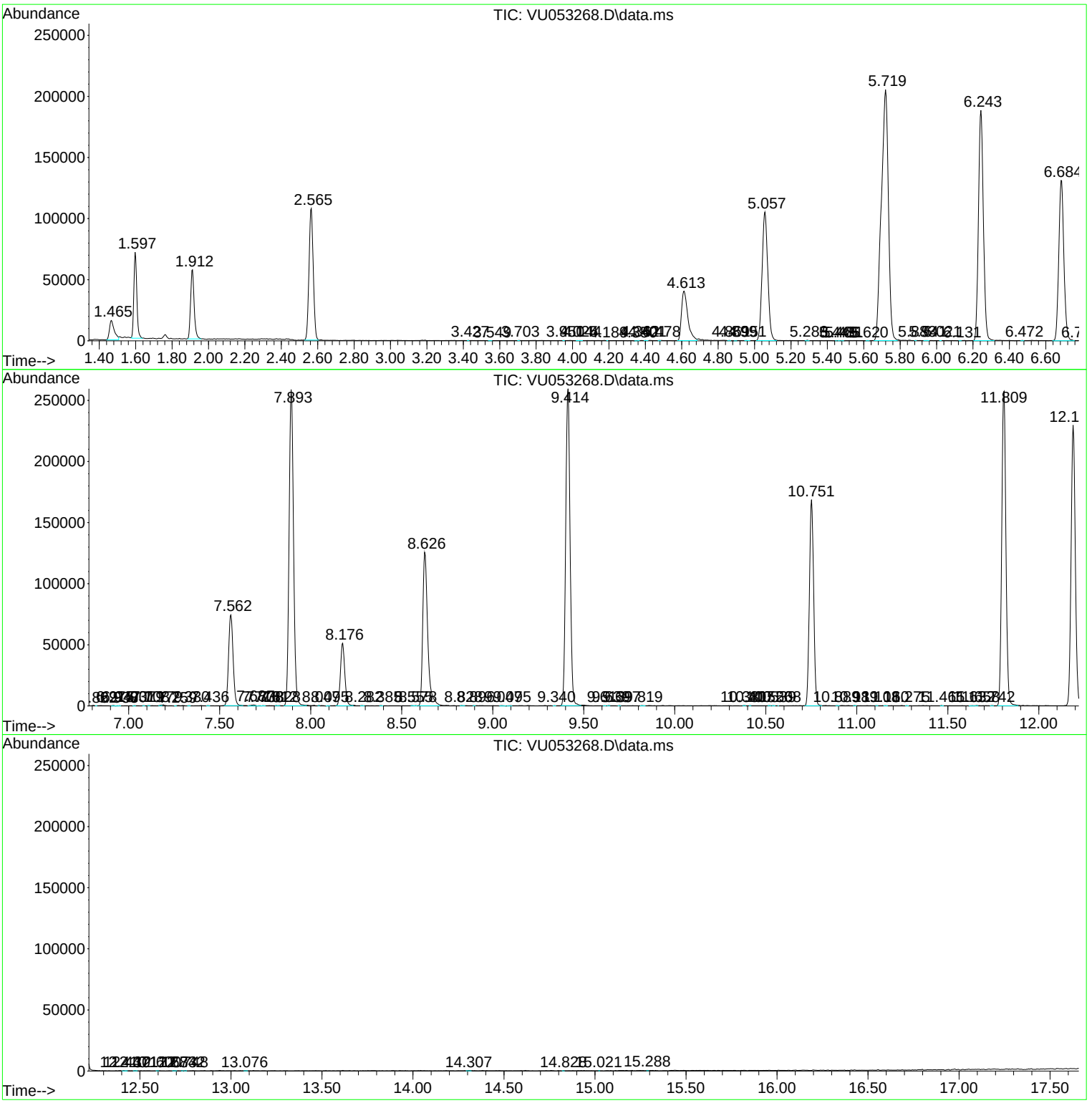
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

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



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Quant Title : VOC Analysis

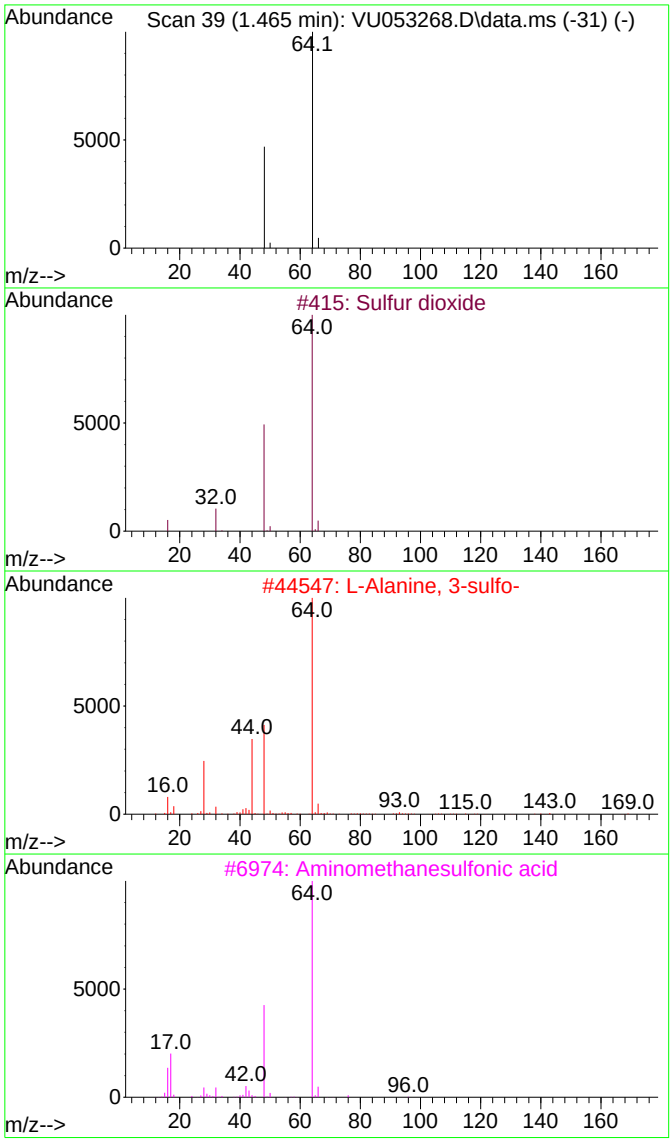
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

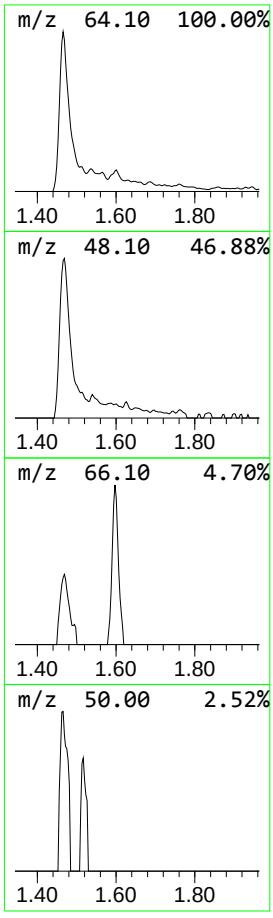
****

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.465	4.11 ug/L	29201	1,4-Difluorobenzene	6.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	74
2	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.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	1.465	4.1	ug/L	29201	1	6.243	355520	50.0