LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041123\
Data File : VU053634.D
Acq On : 11 Apr 2023 14:47
Operator : JC/MD
Sample : 02251-18
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0MD6

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: VU053634.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	54	rBV	21228	38731	5.10%	0.620%
2	1.597	74	80	92	rBV	95115	110656	14.56%	1.771%
3	1.909	171	177	190	rVB	80691	108123	14.23%	1.730%
4	2.562	369	380	394	rBV	149020	239545	31.52%	3.833%
5	2.822	458	461	464	rBV	387	245	0.03%	0.004%
6	3.079	538	541	544	rBV2	269	149	0.02%	0.002%
7	3.176	565	571	573	rBV3	716	811	0.11%	0.013%
8	3.494	667	670	673	rBV	236	171	0.02%	0.003%
9	3.604	701	704	706	rBV	334	229	0.03%	0.004%
10	3.645	713	717	719	rBV	230	147	0.02%	0.002%
11	3.658	719	721	722	rBV	213	73	0.01%	0.001%
12	3.790	759	762	766	rBV	245	230	0.03%	0.004%
13	4.166	876	879	884	rBV2	241	213	0.03%	0.003%
14	4.218	892	895	899	rBV	323	235	0.03%	0.004%
15	4.311	922	924	925	rBV	367	122	0.02%	0.002%
16	4.452	965	968	971	rBV2	211	123	0.02%	0.002%
17	4.613	1007	1018	1041	rBV2	63127	152423	20.05%	2.439%
18	5.057	1140	1156	1174	rBV	143923	306064	40.27%	4.897%
19	5.240	1210	1213	1216	rBV3	442	348	0.05%	0.006%
20	5.292	1226	1229	1231	rBV	230	167	0.02%	0.003%
21	5.330	1236	1241	1244	rBV3	337	373	0.05%	0.006%
22	5.401	1260	1263	1266	rBV	413	249	0.03%	0.004%
23	5.449	1275	1278	1280	rBV	146	92	0.01%	0.001%
24	5.504	1293	1295	1296	rBV	134	52	0.01%	0.001%
25	5.603	1323	1326	1329	rBV	275	234	0.03%	0.004%
26	5.719	1340	1362	1393	rBV2	268652	760085	100.00%	12.162%
27	5.996	1445	1448	1449	rBV2	236	109	0.01%	0.002%
28	6.137	1487	1492	1493	rBV2	338	295	0.04%	0.005%
29	6.243	1512	1525	1547	rBV	276605	532101	70.01%	8.514%
30	6.526	1608	1613	1620	rVB3	849	887	0.12%	0.014%
31	6.581	1627	1630	1632	rBV	151	77	0.01%	0.001%
32	6.639	1645	1648	1649	rBV	185	98	0.01%	0.002%
33	6.684	1649	1662	1681	rVV	170731	333020	43.81%	5.329%
34	6.899	1728	1729	1733	rVB	132	56	0.01%	0.001%
35	6.925	1734	1737	1740	rBV	297	187	0.02%	0.003%
36	7.147	1803	1806	1809	rBV	191	181	0.02%	0.003%

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Integrator: RTE
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Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

37	7.173	1809	1814	1815	rBV2	473	419	0.06%	0.007%
38	7.285	1847	1849	1852	rVB	221	102	0.01%	0.002%
39	7.385	1877	1880	1882	rBV	186	89	0.01%	0.001%
40	7.420	1889	1891	1892	rBV	141	33	0.00%	0.001%
41	7.562	1921	1935	1953	rBV	93026	167073	21.98%	2.673%
42	7.761	1994	1997	2000	rBV	239	119	0.02%	0.002%
43	7.809	2010	2012	2017	rBB	220	153	0.02%	0.002%
44	7.893	2024	2038	2058	rBV	345692	601139	79.09%	9.619%
45	8.102	2100	2103	2107	rVB	307	159	0.02%	0.003%
46	8.124	2108	2110	2113	rVV2	247	150	0.02%	0.002%
47	8.176	2115	2126	2144	rVV2	66046	110242	14.50%	1.764%
48	8.272	2154	2156	2160	rVB3	254	176	0.02%	0.003%
49	8.304	2163	2166	2168	rBV2	178	86	0.01%	0.001%
50	8.410	2197	2199	2201	rBV2	177	99	0.01%	0.002%
51	8.439	2205	2208	2211	rBV2	244	194	0.03%	0.003%
52	8.626	2255	2266	2300	rBV	189678	349107	45.93%	5.586%
53	9.012	2383	2386	2387	rBV	183	111	0.01%	0.002%
54	9.121	2417	2420	2423	rBV2	260	161	0.02%	0.003%
55	9.172	2434	2436	2440	rBV	183	77	0.01%	0.001%
56	9.320	2477	2482	2484	rBV2	269	216	0.03%	0.003%
57	9.353	2488	2492	2496	rBV2	208	209	0.03%	0.003%
58	9.414	2498	2511	2535	rBV	392619	703608	92.57%	11.259%
59	9.645	2580	2583	2585	rBV	169	120	0.02%	0.002%
60	9.697	2593	2599	2602	rVB2	460	428	0.06%	0.007%
61	9.880	2654	2656	2658	rVB	223	94	0.01%	0.002%
62	10.008	2693	2696	2698	rBV2	247	161	0.02%	0.003%
63	10.118	2727	2730	2733	rBV2	305	231	0.03%	0.004%
64	10.333	2794	2797	2800	rBV	199	168	0.02%	0.003%
65	10.484	2841	2844	2846	rBV2	262	181	0.02%	0.003%
66	10.571	2868	2871	2873	rBV	203	138	0.02%	0.002%
67	10.680	2902	2905	2908	rBV	220	134	0.02%	0.002%
68	10.751	2915	2927	2950	rBV	263109	412198	54.23%	6.596%
69	11.237	3075	3078	3080	rVB	216	113	0.01%	0.002%
70	11.256	3080	3084	3086	rBV	309	191	0.03%	0.003%
71	11.478	3149	3153	3157	rBV	405	354	0.05%	0.006%
72	11.748	3226	3237	3244	rBV4	1701	2738	0.36%	0.044%
73	11.809	3244	3256	3275	rBV	413325	687297	90.42%	10.998%
74	12.089	3337	3343	3344	rBV2	552	500	0.07%	0.008%
75	12.188	3362	3374	3395	rBV	373799	617083	81.19%	9.874%
76	12.381	3432	3434	3439	rVB2	391	250	0.03%	0.004%

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Title : VOC Analysis

77	12.851	3577	3580	3583	rBV2	341	250	0.03%	0.004%
78	13.076	3647	3650	3652	rBV2	221	117	0.02%	0.002%
79	13.095	3652	3656	3659	rBV	288	219	0.03%	0.004%
80	13.349	3733	3735	3741	rBV2	366	262	0.03%	0.004%
81	13.462	3766	3770	3775	rVB	370	325	0.04%	0.005%
82	13.577	3803	3806	3809	rBV	468	264	0.03%	0.004%
83	13.844	3882	3889	3898	rVB6	3426	4862	0.64%	0.078%
84	14.024	3942	3945	3946	rBV	330	171	0.02%	0.003%

Sum of corrected areas: 6249472

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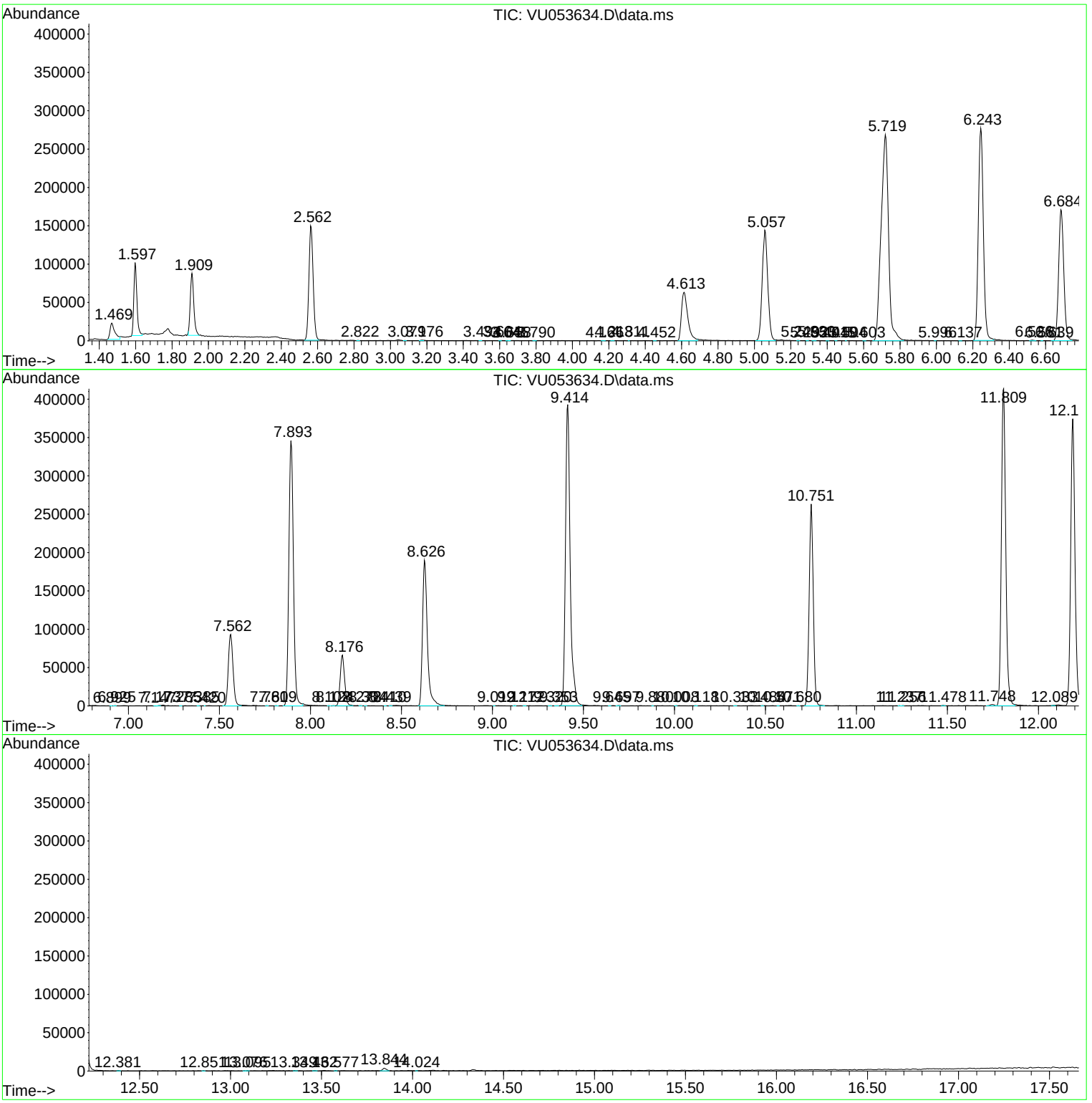
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
Quant Title : VOC Analysis

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
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TIC Library : C:\Database\NIST20.L
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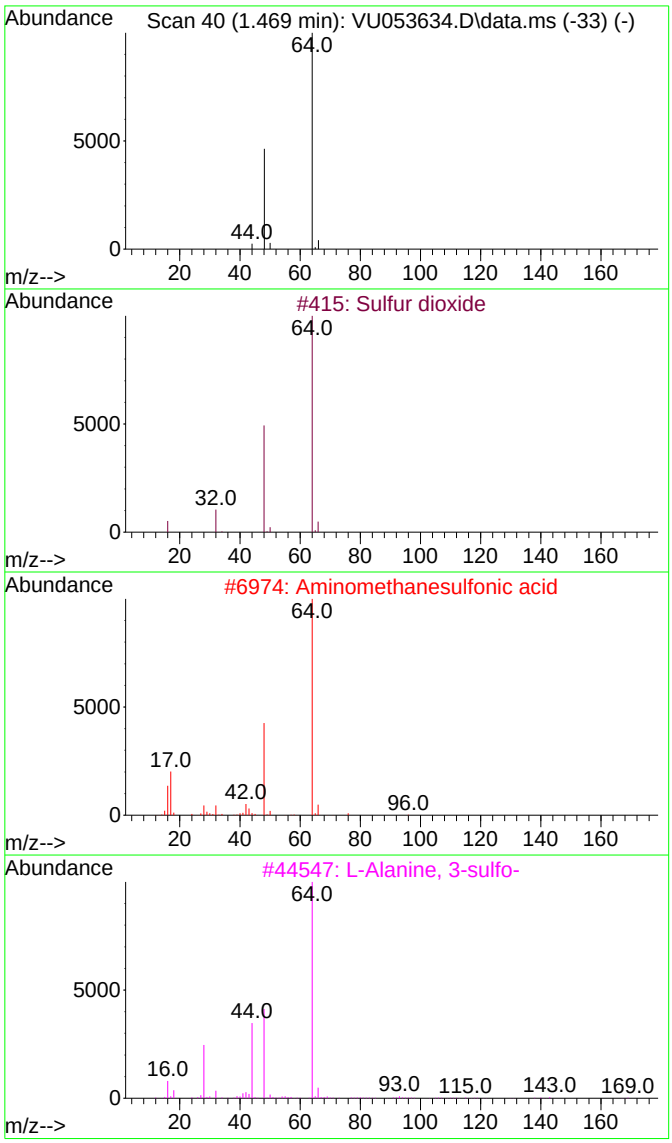
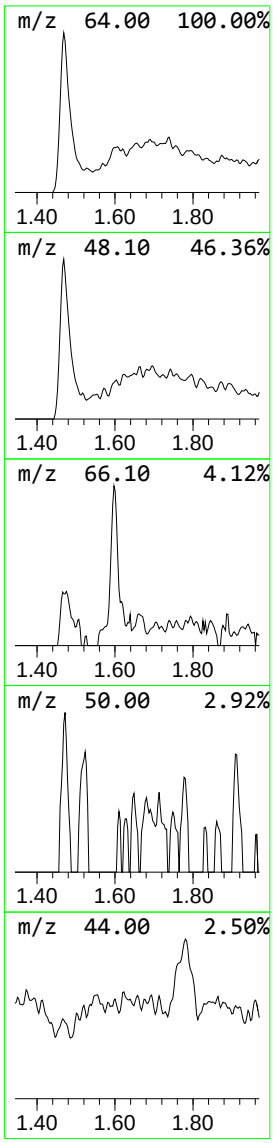
Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.469	3.64 ug/L	38731	1,4-Difluorobenzene	6.243

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	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4
5	Sulfur dioxide	64	O2S	007446-09-5	4





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	3.6	ug/L	38731	1	6.243	532101	50.0