LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031523\
Data File : VU053211.D
Acq On : 15 Mar 2023 19:24
Operator : JC/MD
Sample : 01929-19
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EYFF2

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: VU053211.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.485	36	45	66	rBV	27625	74742	10.80%	1.306%
2	1.600	75	81	96	rVB2	104053	124877	18.04%	2.183%
3	1.916	172	179	195	rVB	69127	92039	13.29%	1.609%
4	2.568	371	382	395	rVB	130318	208993	30.19%	3.653%
5	2.903	483	486	488	rBV2	375	287	0.04%	0.005%
6	3.269	597	600	608	rVB3	371	411	0.06%	0.007%
7	3.353	619	626	627	rBV4	1699	1751	0.25%	0.031%
8	3.443	651	654	659	rVB2	257	188	0.03%	0.003%
9	3.539	681	684	692	rVB3	363	364	0.05%	0.006%
10	3.575	692	695	698	rBV2	369	282	0.04%	0.005%
11	3.604	702	704	707	rVB	213	102	0.01%	0.002%
12	3.626	707	711	712	rBV	278	161	0.02%	0.003%
13	3.713	736	738	742	rBV2	259	156	0.02%	0.003%
14	3.787	758	761	764	rBV2	291	221	0.03%	0.004%
15	3.829	771	774	777	rBV2	266	231	0.03%	0.004%
16	3.903	796	797	800	rVB	186	80	0.01%	0.001%
17	3.970	815	818	819	rBV	178	101	0.01%	0.002%
18	4.005	826	829	830	rBV	175	89	0.01%	0.002%
19	4.054	840	844	846	rVB2	207	118	0.02%	0.002%
20	4.099	856	858	861	rBV	213	135	0.02%	0.002%
21	4.150	871	874	880	rVB2	198	181	0.03%	0.003%
22	4.186	883	885	891	rVB2	207	135	0.02%	0.002%
23	4.227	895	898	900	rBV	190	87	0.01%	0.002%
24	4.581	1005	1008	1010	rBV	175	95	0.01%	0.002%
25	4.661	1010	1033	1060	rBV2	159142	461870	66.71%	8.073%
26	4.906	1106	1109	1111	rBV2	173	107	0.02%	0.002%
27	4.919	1111	1113	1114	rBV2	315	123	0.02%	0.002%
28	5.057	1142	1156	1177	rVB	110495	237314	34.28%	4.148%
29	5.182	1192	1195	1197	rBV	409	297	0.04%	0.005%
30	5.214	1202	1205	1208	rBV	540	361	0.05%	0.006%
31	5.308	1231	1234	1235	rBV	174	100	0.01%	0.002%
32	5.343	1242	1245	1247	rBV	196	125	0.02%	0.002%
33	5.462	1280	1282	1284	rBV	205	85	0.01%	0.001%
34	5.494	1289	1292	1293	rBV	278	146	0.02%	0.003%
35	5.546	1305	1308	1310	rBV	134	117	0.02%	0.002%
36	5.610	1326	1328	1333	rVB	268	155	0.02%	0.003%

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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

37	5.719	1342	1362	1382	rBV3	218332	594601	85.89%	10.392%
38	5.970	1436	1440	1444	rBV	370	379	0.05%	0.007%
39	5.989	1444	1446	1450	rVV2	254	185	0.03%	0.003%
40	6.083	1473	1475	1477	rVB	191	95	0.01%	0.002%
41	6.166	1495	1501	1504	rBV2	444	536	0.08%	0.009%
42	6.243	1512	1525	1545	rBV	184196	344356	49.74%	6.019%
43	6.462	1590	1593	1597	rBV	179	119	0.02%	0.002%
44	6.536	1602	1616	1642	rBV	369791	692313	100.00%	12.100%
45	6.684	1650	1662	1684	rVB	136452	266230	38.46%	4.653%
46	6.931	1736	1739	1741	rBV	267	200	0.03%	0.003%
47	7.009	1761	1763	1767	rVB2	222	106	0.02%	0.002%
48	7.282	1845	1848	1853	rVB2	178	112	0.02%	0.002%
49	7.562	1923	1935	1959	rVB	80041	141770	20.48%	2.478%
50	7.790	2004	2006	2008	rBV	248	112	0.02%	0.002%
51	7.893	2025	2038	2057	rBV	280597	479521	69.26%	8.381%
52	8.111	2103	2106	2107	rBV	283	165	0.02%	0.003%
53	8.176	2112	2126	2145	rBV	54498	93142	13.45%	1.628%
54	8.263	2150	2153	2157	rVB	243	153	0.02%	0.003%
55	8.372	2184	2187	2189	rBV	134	100	0.01%	0.002%
56	8.443	2206	2209	2211	rBV	178	146	0.02%	0.003%
57	8.629	2256	2267	2298	rBV2	143122	272637	39.38%	4.765%
58	8.864	2337	2340	2343	rBV2	147	107	0.02%	0.002%
59	8.954	2367	2368	2371	rBV	237	111	0.02%	0.002%
60	8.989	2376	2379	2381	rVB2	203	118	0.02%	0.002%
61	9.365	2492	2496	2498	rBV3	268	167	0.02%	0.003%
62	9.414	2498	2511	2538	rBV	263304	434446	62.75%	7.593%
63	9.568	2556	2559	2560	rBV	200	105	0.02%	0.002%
64	9.635	2578	2580	2584	rVB	267	178	0.03%	0.003%
65	9.677	2589	2593	2594	rBV	215	173	0.02%	0.003%
66	9.693	2594	2598	2600	rBV2	267	219	0.03%	0.004%
67	9.725	2606	2608	2610	rBV	188	85	0.01%	0.001%
68	10.079	2713	2718	2723	rBV2	285	464	0.07%	0.008%
69	10.137	2733	2736	2738	rBV	223	126	0.02%	0.002%
70	10.189	2749	2752	2754	rBV	324	222	0.03%	0.004%
71	10.230	2762	2765	2769	rVB	192	139	0.02%	0.002%
72	10.256	2770	2773	2775	rBV	174	121	0.02%	0.002%
73	10.436	2826	2829	2830	rBV	158	110	0.02%	0.002%
74	10.443	2830	2831	2834	rVV	203	92	0.01%	0.002%
75	10.459	2834	2836	2838	rVV	220	82	0.01%	0.001%
76	10.500	2847	2849	2851	rBV	191	91	0.01%	0.002%

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EYFF2

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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Title : VOC Analysis

77	10.542	2860	2862	2865	rBV2	198	131	0.02%	0.002%
78	10.581	2872	2874	2876	rBV	158	81	0.01%	0.001%
79	10.619	2883	2886	2889	rBV2	149	100	0.01%	0.002%
80	10.751	2915	2927	2944	rBV	186202	297841	43.02%	5.206%
81	10.848	2955	2957	2959	rVB2	302	161	0.02%	0.003%
82	10.864	2959	2962	2965	rBV2	357	278	0.04%	0.005%
83	10.976	2995	2997	3002	rVB2	270	187	0.03%	0.003%
84	11.015	3007	3009	3014	rBV	208	218	0.03%	0.004%
85	11.201	3064	3067	3071	rBV2	198	149	0.02%	0.003%
86	11.510	3160	3163	3164	rBV	230	113	0.02%	0.002%
87	11.642	3200	3204	3207	rBV2	204	229	0.03%	0.004%
88	11.690	3213	3219	3222	rBV2	561	442	0.06%	0.008%
89	11.758	3236	3240	3243	rBV	214	138	0.02%	0.002%
90	11.806	3243	3255	3279	rBV	287157	463209	66.91%	8.096%
91	12.018	3318	3321	3325	rBV	256	159	0.02%	0.003%
92	12.066	3329	3336	3349	rBV4	2003	4344	0.63%	0.076%
93	12.118	3349	3352	3355	rBV2	404	233	0.03%	0.004%
94	12.188	3362	3374	3394	rBV	260443	421882	60.94%	7.374%
95	12.648	3514	3517	3518	rBV2	167	91	0.01%	0.002%
96	12.889	3589	3592	3595	rBV2	438	217	0.03%	0.004%
97	12.976	3616	3619	3620	rBV2	181	83	0.01%	0.001%
98	13.002	3625	3627	3630	rVV2	229	101	0.01%	0.002%
99	13.102	3656	3658	3663	rBV	208	123	0.02%	0.002%
100	13.237	3697	3700	3706	rBV2	220	243	0.04%	0.004%

Sum of corrected areas: 5721513

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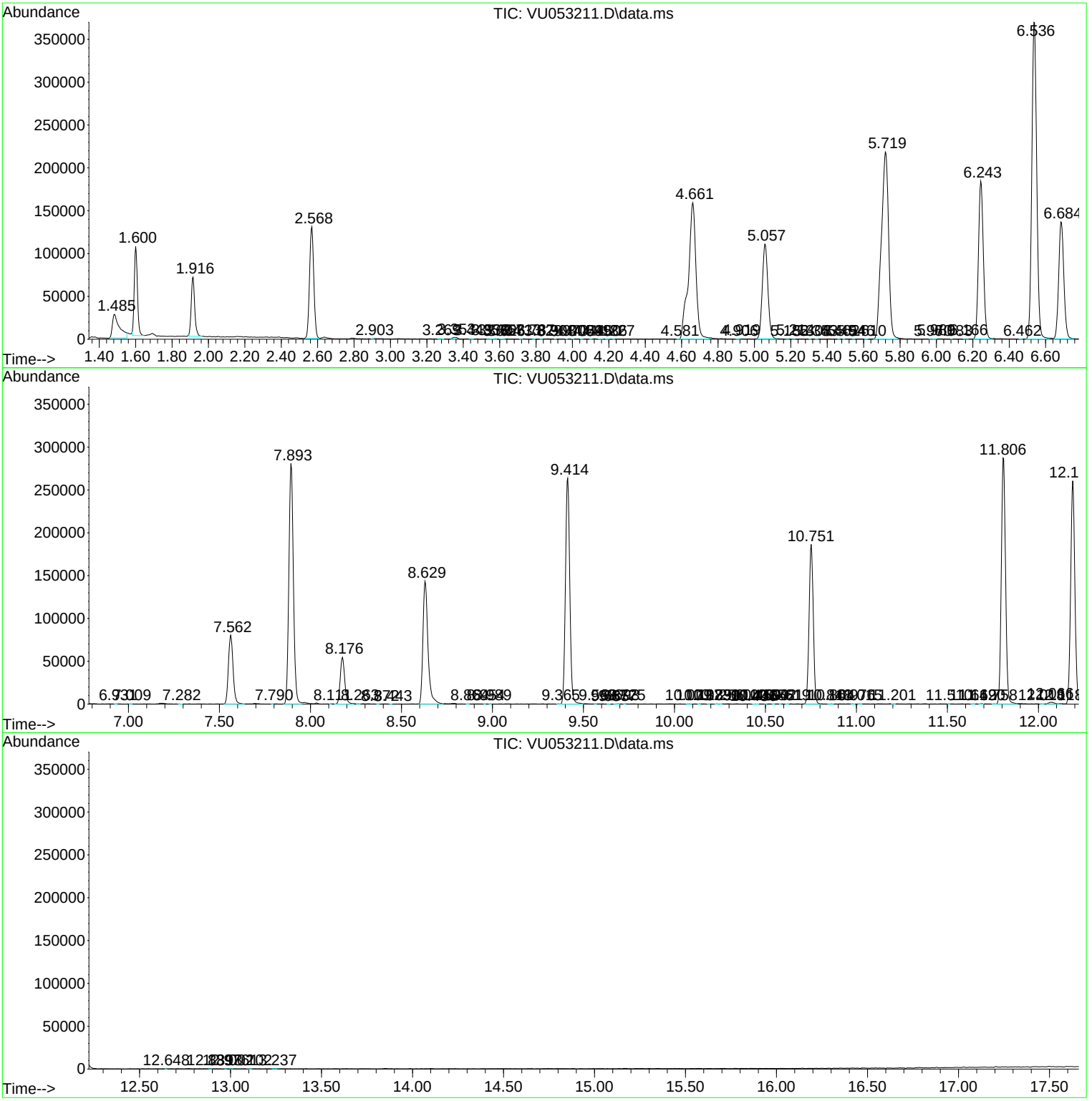
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

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



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Quant Title : VOC Analysis

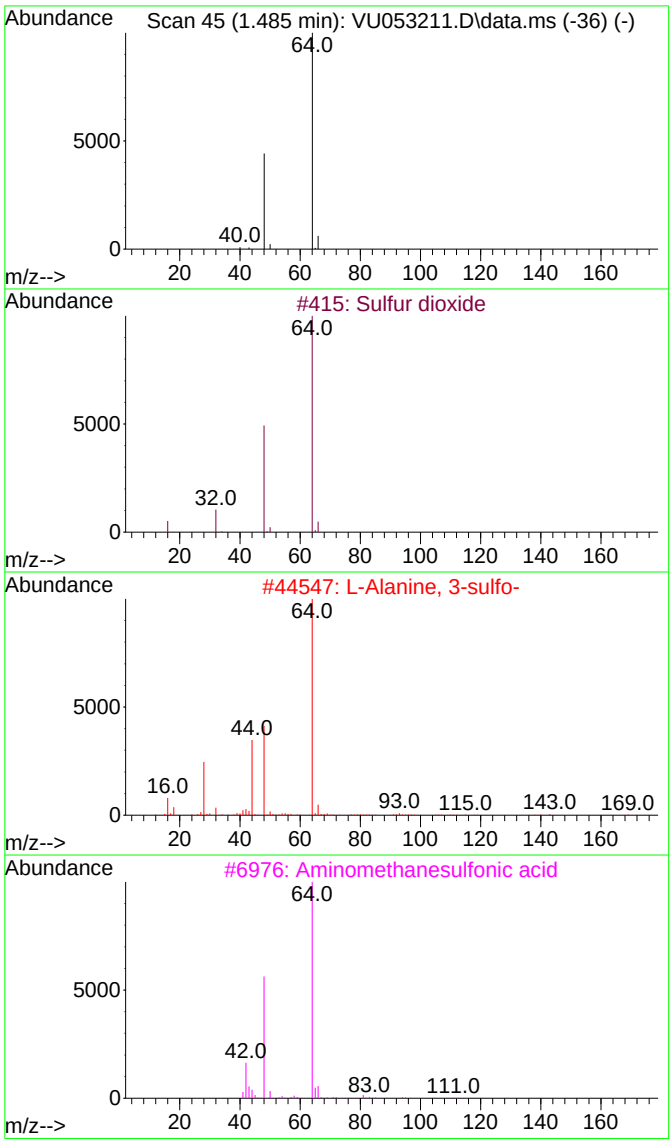
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

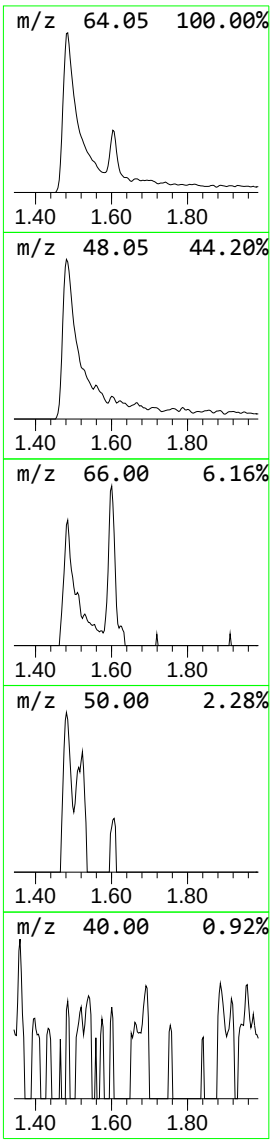
****

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.485	10.85 ug/L	74742	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	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\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	1.485	10.9	ug/L	74742	1	6.243	344356	50.0