

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
 Data File : VU045100.D
 Acq On : 04 Oct 2021 16:45
 Operator : SY/MD
 Sample : M3996-08
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A25

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\SFAMULM092321WMA.M
 Title : VOC Analysis

Signal : TIC: VU045100.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.475	35	42	55	rBV2	24502	39553	0.18%	0.125%
2	1.600	74	81	94	rBV	140450	163505	0.74%	0.517%
3	1.909	168	177	195	rVB	115375	159610	0.73%	0.504%
4	2.472	345	352	360	rVB3	2494	4094	0.02%	0.013%
5	2.507	360	363	369	rVB3	380	359	0.00%	0.001%
6	2.568	369	382	399	rBV	232774	384904	1.75%	1.216%
7	2.745	433	437	438	rBV	217	161	0.00%	0.001%
8	2.957	494	503	507	rBV2	594	948	0.00%	0.003%
9	3.015	519	521	525	rBV2	271	221	0.00%	0.001%
10	3.054	526	533	538	rVB2	706	982	0.00%	0.003%
11	3.144	556	561	562	rBV	170	157	0.00%	0.000%
12	3.189	565	575	589	rVV3	2554	5535	0.03%	0.017%
13	3.324	612	617	620	rVB2	232	270	0.00%	0.001%
14	3.366	620	630	644	rBV5	2608	5861	0.03%	0.019%
15	3.465	657	661	664	rBV	215	225	0.00%	0.001%
16	3.536	680	683	689	rBV2	246	264	0.00%	0.001%
17	3.642	711	716	719	rBV2	202	178	0.00%	0.001%
18	3.925	798	804	807	rBV	210	239	0.00%	0.001%
19	4.034	835	838	844	rVB2	203	247	0.00%	0.001%
20	4.070	844	849	850	rBV2	190	159	0.00%	0.001%
21	4.427	957	960	962	rBV	219	176	0.00%	0.001%
22	4.536	990	994	1000	rVB3	360	422	0.00%	0.001%
23	4.626	1007	1022	1054	rBV	160159	414071	1.88%	1.308%
24	4.896	1102	1106	1113	rVB2	208	209	0.00%	0.001%
25	4.996	1132	1137	1143	rBV3	322	477	0.00%	0.002%
26	5.067	1143	1159	1181	rBV	216176	475100	2.16%	1.501%
27	5.182	1193	1195	1199	rVB2	317	186	0.00%	0.001%
28	5.250	1214	1216	1221	rVB2	303	243	0.00%	0.001%
29	5.301	1225	1232	1235	rVV3	471	671	0.00%	0.002%
30	5.353	1241	1248	1252	rBV2	217	270	0.00%	0.001%
31	5.388	1252	1259	1262	rVV4	464	452	0.00%	0.001%
32	5.430	1266	1272	1276	rVB2	178	217	0.00%	0.001%
33	5.456	1276	1280	1282	rBV	158	156	0.00%	0.000%
34	5.485	1286	1289	1293	rBV2	193	226	0.00%	0.001%
35	5.729	1343	1365	1403	rBV2	438071	1215148	5.52%	3.839%
36	6.253	1512	1528	1548	rBV	355290	661250	3.01%	2.089%

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 Title : VOC Analysis

37	6.411	1575	1577	1581	rVB3	397	308	0.00%	0.001%
38	6.472	1593	1596	1599	rBV	235	189	0.00%	0.001%
39	6.546	1605	1619	1632	rBV4	26939	51657	0.23%	0.163%
40	6.697	1649	1666	1690	rBV	286235	561539	2.55%	1.774%
41	6.812	1696	1702	1706	rBV2	506	695	0.00%	0.002%
42	6.857	1713	1716	1719	rVB	235	184	0.00%	0.001%
43	6.880	1719	1723	1727	rBV2	220	241	0.00%	0.001%
44	6.973	1749	1752	1760	rBV2	182	236	0.00%	0.001%
45	7.012	1760	1764	1768	rBV	179	164	0.00%	0.001%
46	7.047	1768	1775	1782	rVV3	522	757	0.00%	0.002%
47	7.108	1788	1794	1802	rVB3	899	1408	0.01%	0.004%
48	7.185	1809	1818	1825	rBV6	2404	3797	0.02%	0.012%
49	7.436	1889	1896	1899	rBV2	172	236	0.00%	0.001%
50	7.510	1913	1919	1922	rBV2	194	195	0.00%	0.001%
51	7.568	1923	1937	1956	rBV	157468	275941	1.25%	0.872%
52	7.684	1968	1973	1981	rVB3	1790	2239	0.01%	0.007%
53	7.793	2004	2007	2013	rVB3	252	271	0.00%	0.001%
54	7.822	2013	2016	2020	rBV2	181	159	0.00%	0.001%
55	7.902	2026	2041	2055	rBV	530281	900302	4.09%	2.844%
56	7.973	2056	2063	2077	rVB2	18089	30056	0.14%	0.095%
57	8.182	2115	2128	2145	rBV	109639	181857	0.83%	0.574%
58	8.478	2210	2220	2225	rBV3	903	1282	0.01%	0.004%
59	8.558	2228	2245	2259	rBV	13231880	21993899	100.00%	69.478%
60	8.636	2260	2269	2310	rVB	515202	989956	4.50%	3.127%
61	8.873	2340	2343	2348	rBV2	192	205	0.00%	0.001%
62	8.954	2364	2368	2369	rBV	290	215	0.00%	0.001%
63	9.144	2423	2427	2429	rBV	256	214	0.00%	0.001%
64	9.269	2463	2466	2470	rVB	236	162	0.00%	0.001%
65	9.343	2485	2489	2493	rBV2	480	581	0.00%	0.002%
66	9.420	2500	2513	2533	rBV	495470	805210	3.66%	2.544%
67	9.574	2553	2561	2570	rVB	4765	6960	0.03%	0.022%
68	9.700	2590	2600	2609	rVB3	4954	7676	0.03%	0.024%
69	9.780	2622	2625	2634	rVB2	349	443	0.00%	0.001%
70	9.857	2646	2649	2656	rBV2	164	247	0.00%	0.001%
71	9.928	2667	2671	2676	rBV	216	260	0.00%	0.001%
72	10.105	2717	2726	2733	rVV3	2896	4236	0.02%	0.013%
73	10.150	2737	2740	2744	rBV	241	241	0.00%	0.001%
74	10.234	2761	2766	2769	rBV2	198	196	0.00%	0.001%
75	10.484	2841	2844	2849	rVB2	277	224	0.00%	0.001%
76	10.674	2897	2903	2911	rVB3	1513	2020	0.01%	0.006%

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Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

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77	10.761	2917	2930	2951	rBV	413518	661167	3.01%	2.089%
78	10.867	2960	2963	2964	rBV2	413	232	0.00%	0.001%
79	10.899	2970	2973	2975	rBV3	390	285	0.00%	0.001%
80	11.012	2999	3008	3011	rBV3	615	965	0.00%	0.003%
81	11.089	3022	3032	3036	rBV3	457	734	0.00%	0.002%
82	11.295	3092	3096	3105	rBV3	395	548	0.00%	0.002%
83	11.471	3141	3151	3160	rVB3	3165	4818	0.02%	0.015%
84	11.607	3188	3193	3197	rBV2	236	250	0.00%	0.001%
85	11.645	3203	3205	3212	rVB2	195	181	0.00%	0.001%
86	11.684	3212	3217	3218	rBV	193	173	0.00%	0.001%
87	11.703	3218	3223	3227	rVB3	863	818	0.00%	0.003%
88	11.816	3245	3258	3276	rBV	491252	775184	3.52%	2.449%
89	11.941	3294	3297	3300	rBV4	444	410	0.00%	0.001%
90	11.973	3303	3307	3314	rVB3	1117	1152	0.01%	0.004%
91	12.095	3341	3345	3351	rVB5	566	636	0.00%	0.002%
92	12.195	3362	3376	3398	rBV	518194	833517	3.79%	2.633%
93	12.645	3513	3516	3521	rVB	339	274	0.00%	0.001%
94	12.674	3522	3525	3529	rVB	368	318	0.00%	0.001%
95	12.696	3529	3532	3534	rBV	260	174	0.00%	0.001%
96	12.992	3616	3624	3626	rBV	342	394	0.00%	0.001%
97	14.021	3938	3944	3946	rBV2	244	274	0.00%	0.001%
98	14.092	3957	3966	3979	rBV	4203	6583	0.03%	0.021%
99	14.915	4218	4222	4225	rBV2	416	386	0.00%	0.001%
100	15.233	4313	4321	4331	rVB3	1527	2831	0.01%	0.009%

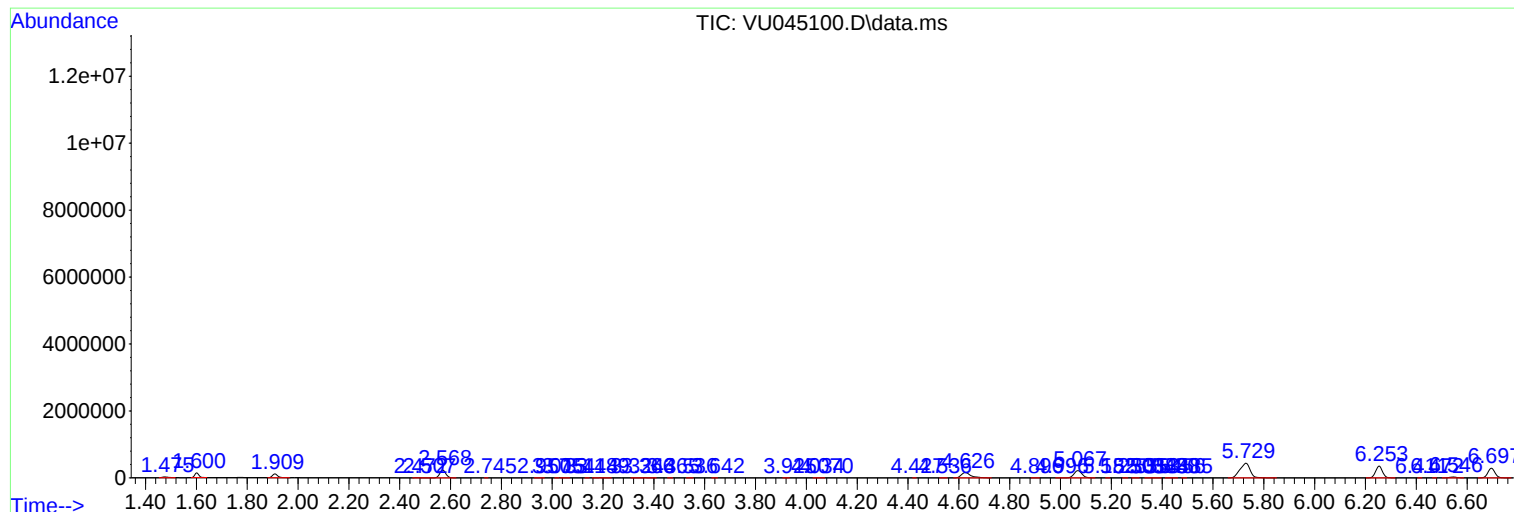
Sum of corrected areas: 31655708

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

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



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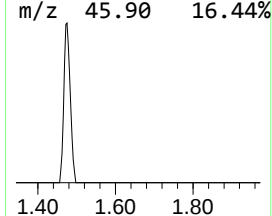
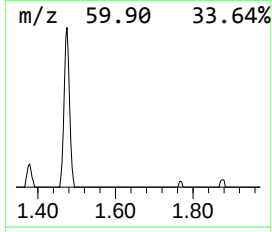
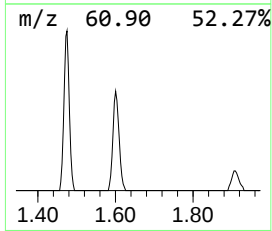
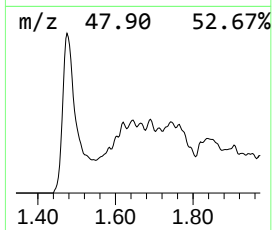
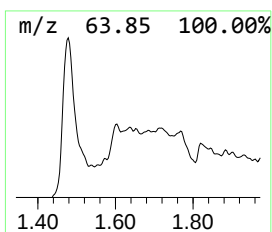
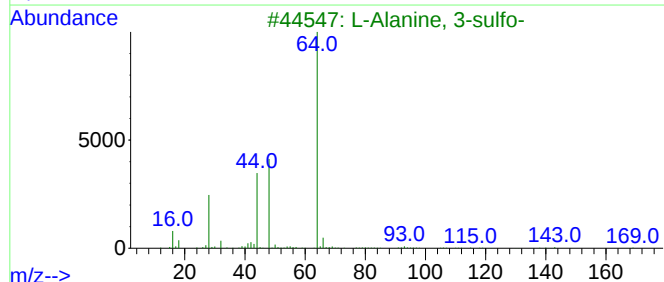
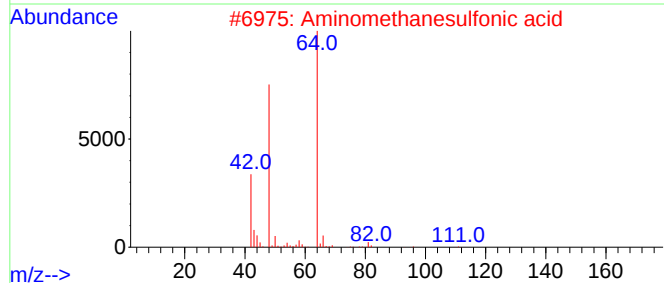
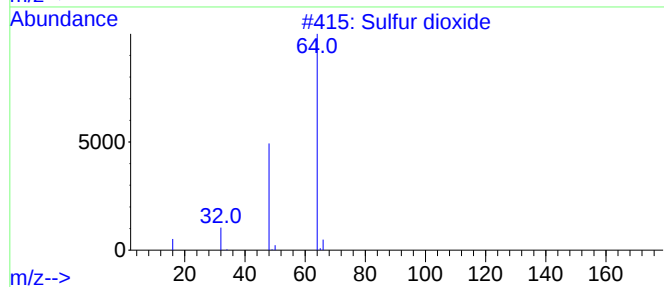
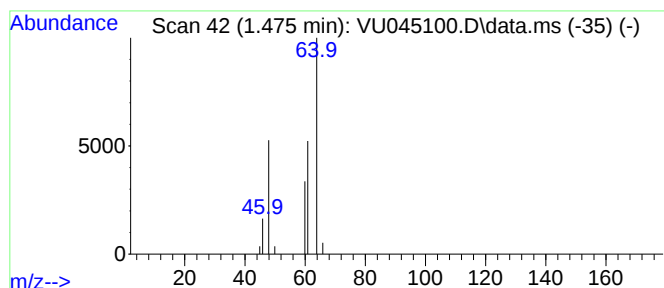
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
Quant Title : VOC Analysis

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.
1.475	2.99 ug/L	39553	1,4-Difluorobenzene	6.253

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	50
2			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	39
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



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.475	3.0	ug/L	39553	1	6.253	661250	50.0