

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092021\
 Data File : VW020075.D
 Acq On : 20 Sep 2021 16:24
 Operator : SY/VA
 Sample : M3813-02
 Misc : 4.81g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB6S8

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_W\Method\SFAMWLM091421SMA.M

Title : SFAM01.0

Signal : TIC: VW020075.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.166	39	43	62	rBV	37093	109922	7.26%	0.999%
2	2.361	70	75	86	rVB	148655	299808	19.80%	2.726%
3	2.898	157	163	176	rVB	91350	227746	15.04%	2.071%
4	3.398	238	245	256	rVB2	6806	16133	1.07%	0.147%
5	3.922	330	331	334	rVB2	189	194	0.01%	0.002%
6	4.026	334	348	362	rBV	173923	537668	35.52%	4.888%
7	4.391	399	408	421	rVB2	13495	40777	2.69%	0.371%
8	4.763	466	469	473	rBV3	208	262	0.02%	0.002%
9	4.812	475	477	479	rVB2	299	252	0.02%	0.002%
10	4.922	483	495	519	rVB3	52090	188171	12.43%	1.711%
11	5.099	522	524	525	rBV2	185	138	0.01%	0.001%
12	5.129	525	529	533	rBV2	548	764	0.05%	0.007%
13	5.379	569	570	574	rBV2	251	258	0.02%	0.002%
14	5.422	574	577	578	rBV	804	770	0.05%	0.007%
15	5.605	605	607	610	rVB2	218	224	0.01%	0.002%
16	5.678	617	619	621	rVV3	187	145	0.01%	0.001%
17	5.745	629	630	632	rBV	280	243	0.02%	0.002%
18	5.800	632	639	647	rVB3	810	2458	0.16%	0.022%
19	5.946	653	663	672	rBV6	5787	17416	1.15%	0.158%
20	6.098	686	688	691	rBV	245	209	0.01%	0.002%
21	6.220	704	708	711	rBV2	192	263	0.02%	0.002%
22	6.324	723	725	728	rVB2	166	175	0.01%	0.002%
23	6.720	788	790	792	rBV	145	174	0.01%	0.002%
24	6.848	808	811	812	rBV	275	162	0.01%	0.001%
25	6.915	813	822	825	rBV4	996	2460	0.16%	0.022%
26	7.007	829	837	842	rBV8	2822	7971	0.53%	0.072%
27	7.086	842	850	873	rVB2	32679	109092	7.21%	0.992%
28	7.305	885	886	888	rBV2	185	157	0.01%	0.001%
29	7.653	931	943	958	rBV	262366	639964	42.27%	5.818%
30	7.775	962	963	965	rBV	360	190	0.01%	0.002%
31	7.836	970	973	974	rBV	161	155	0.01%	0.001%
32	7.872	977	979	980	rBV	317	225	0.01%	0.002%
33	7.958	986	993	1001	rVB5	3523	7911	0.52%	0.072%
34	8.031	1003	1005	1009	rBV2	385	527	0.03%	0.005%
35	8.128	1018	1021	1022	rVB2	219	191	0.01%	0.002%
36	8.165	1022	1027	1031	rBV3	968	1795	0.12%	0.016%

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 Title : SFAM01.0

37	8.281	1035	1046	1063	rBV2	508009	1513852	100.00%	13.763%
38	8.397	1063	1065	1070	rVB5	648	914	0.06%	0.008%
39	8.494	1079	1081	1082	rBV	250	216	0.01%	0.002%
40	8.519	1082	1085	1086	rBV3	783	711	0.05%	0.006%
41	8.622	1099	1102	1104	rBV3	446	542	0.04%	0.005%
42	8.708	1110	1116	1122	rVB5	2069	4425	0.29%	0.040%
43	8.848	1130	1139	1151	rBV	514567	994754	65.71%	9.044%
44	9.049	1169	1172	1176	rBV5	1259	2240	0.15%	0.020%
45	9.110	1180	1182	1187	rVB3	912	1180	0.08%	0.011%
46	9.281	1201	1210	1219	rBV	339267	695567	45.95%	6.324%
47	9.525	1244	1250	1254	rVB3	579	1187	0.08%	0.011%
48	9.598	1260	1262	1263	rBV2	332	254	0.02%	0.002%
49	9.653	1269	1271	1273	rBV3	268	340	0.02%	0.003%
50	9.707	1279	1280	1283	rBV2	197	205	0.01%	0.002%
51	9.744	1283	1286	1289	rVB	173	247	0.02%	0.002%
52	9.793	1289	1294	1298	rBV2	216	400	0.03%	0.004%
53	9.951	1318	1320	1321	rBV	318	222	0.01%	0.002%
54	9.970	1321	1323	1325	rVB2	362	303	0.02%	0.003%
55	10.037	1325	1334	1344	rBV	176479	324136	21.41%	2.947%
56	10.213	1361	1363	1366	rVB2	472	425	0.03%	0.004%
57	10.329	1372	1382	1388	rBV	681711	1213811	80.18%	11.035%
58	10.390	1388	1392	1403	rVB	31301	56811	3.75%	0.516%
59	10.506	1405	1411	1416	rVB6	2515	5063	0.33%	0.046%
60	10.579	1416	1423	1431	rBV	120090	208510	13.77%	1.896%
61	10.707	1438	1444	1451	rVB3	15243	25586	1.69%	0.233%
62	10.762	1451	1453	1456	rVB2	743	861	0.06%	0.008%
63	10.793	1456	1458	1464	rBV3	211	451	0.03%	0.004%
64	10.927	1473	1480	1494	rBV	145850	245073	16.19%	2.228%
65	11.073	1497	1504	1513	rVV2	13971	25913	1.71%	0.236%
66	11.634	1587	1596	1605	rBV	698469	1136552	75.08%	10.333%
67	11.841	1625	1630	1638	rVB3	3723	7592	0.50%	0.069%
68	11.939	1644	1646	1648	rVB2	511	326	0.02%	0.003%
69	12.012	1656	1658	1660	rBV2	306	275	0.02%	0.003%
70	12.164	1680	1683	1689	rVB2	2081	3221	0.21%	0.029%
71	12.244	1693	1696	1700	rVB4	518	770	0.05%	0.007%
72	12.341	1706	1712	1717	rBV4	2844	5028	0.33%	0.046%
73	12.414	1723	1724	1726	rBV2	190	146	0.01%	0.001%
74	12.530	1741	1743	1746	rBV2	268	361	0.02%	0.003%
75	12.603	1749	1755	1762	rBV2	73263	130577	8.63%	1.187%
76	12.695	1762	1770	1777	rBV	228604	380322	25.12%	3.458%

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 Title : SFAM01.0

77	12.756	1777	1780	1785	rVB5	1735	2682	0.18%	0.024%
78	12.871	1793	1799	1801	rBV3	1313	2170	0.14%	0.020%
79	13.006	1819	1821	1825	rBV4	335	484	0.03%	0.004%
80	13.091	1833	1835	1836	rBV	483	326	0.02%	0.003%
81	13.189	1848	1851	1856	rVB3	1440	2222	0.15%	0.020%
82	13.249	1856	1861	1868	rBV4	1681	3620	0.24%	0.033%
83	13.396	1879	1885	1891	rBV5	3264	6222	0.41%	0.057%
84	13.560	1905	1912	1919	rBV	566303	892835	58.98%	8.117%
85	13.652	1922	1927	1934	rVB2	11915	19904	1.31%	0.181%
86	13.853	1953	1960	1967	rBV	482124	791718	52.30%	7.198%
87	14.012	1984	1986	1990	rBV4	931	1337	0.09%	0.012%
88	14.066	1991	1995	2003	rVB	14602	23806	1.57%	0.216%
89	14.322	2032	2037	2044	rVB3	6177	9614	0.64%	0.087%
90	14.591	2079	2081	2084	rBV3	315	361	0.02%	0.003%
91	14.682	2093	2096	2097	rBV3	443	481	0.03%	0.004%
92	14.810	2115	2117	2119	rBV	281	321	0.02%	0.003%
93	14.865	2123	2126	2129	rBV3	351	542	0.04%	0.005%
94	15.176	2173	2177	2182	rBV4	2195	3427	0.23%	0.031%
95	15.243	2186	2188	2191	rBV3	322	377	0.02%	0.003%
96	15.402	2211	2214	2217	rVB4	1265	1581	0.10%	0.014%
97	15.487	2223	2228	2236	rVB	15480	26633	1.76%	0.242%
98	15.694	2260	2262	2266	rBV2	501	447	0.03%	0.004%
99	16.322	2361	2365	2371	rVB7	1684	3508	0.23%	0.032%
100	16.657	2418	2420	2422	rBV	524	404	0.03%	0.004%

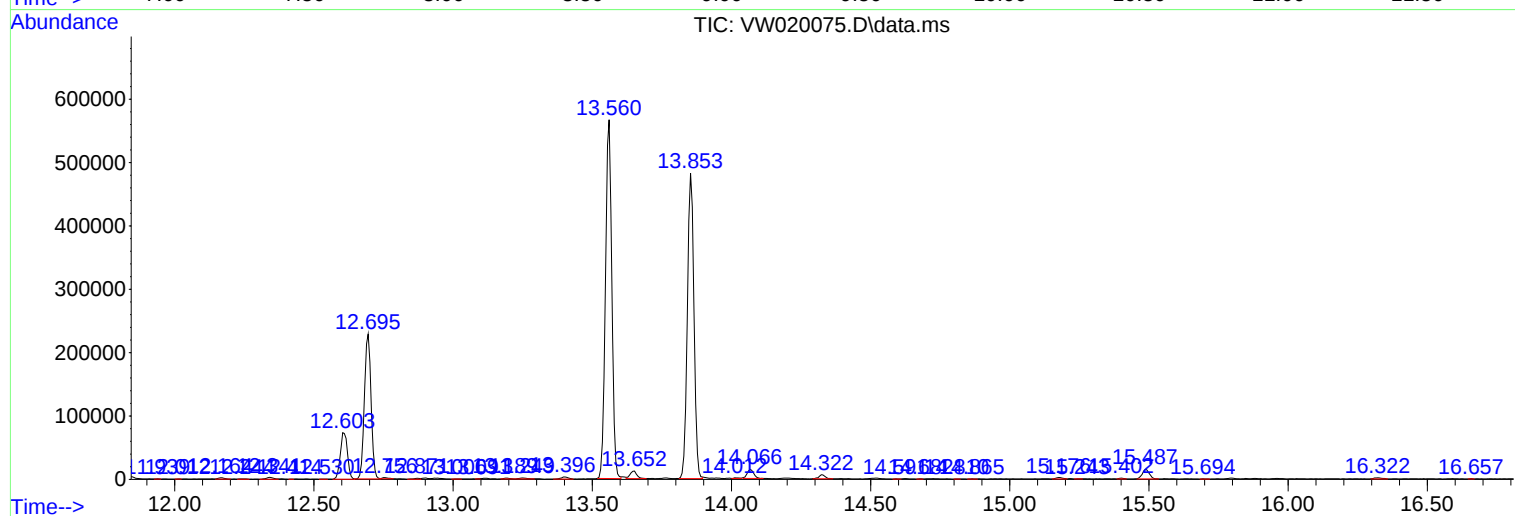
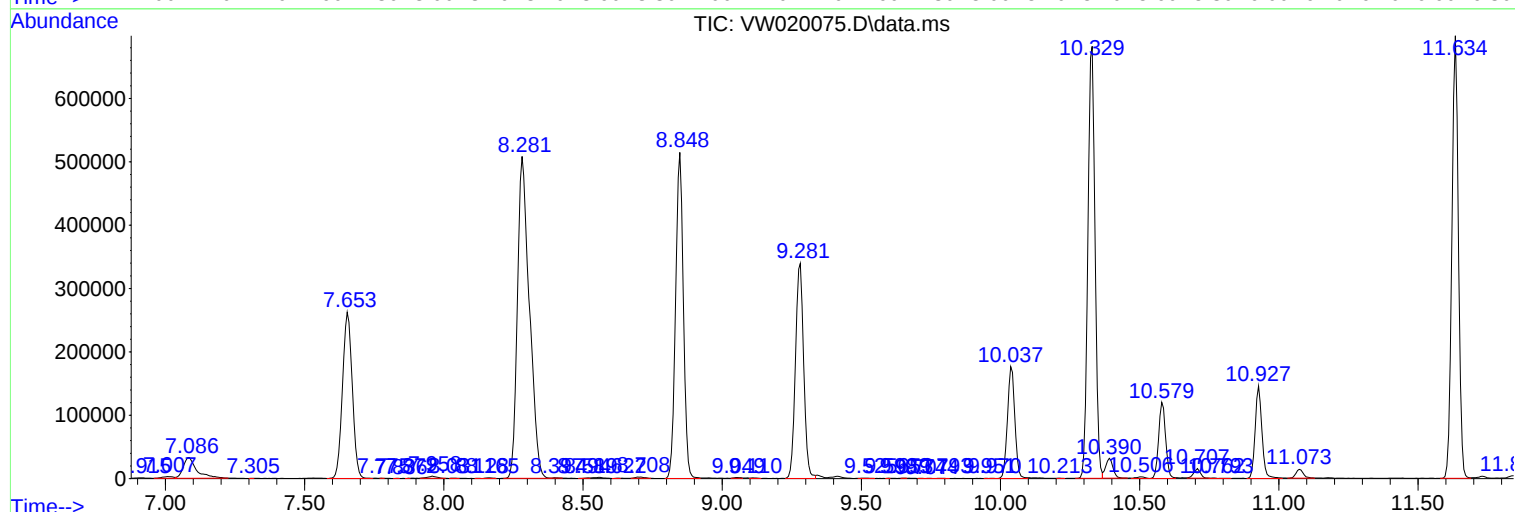
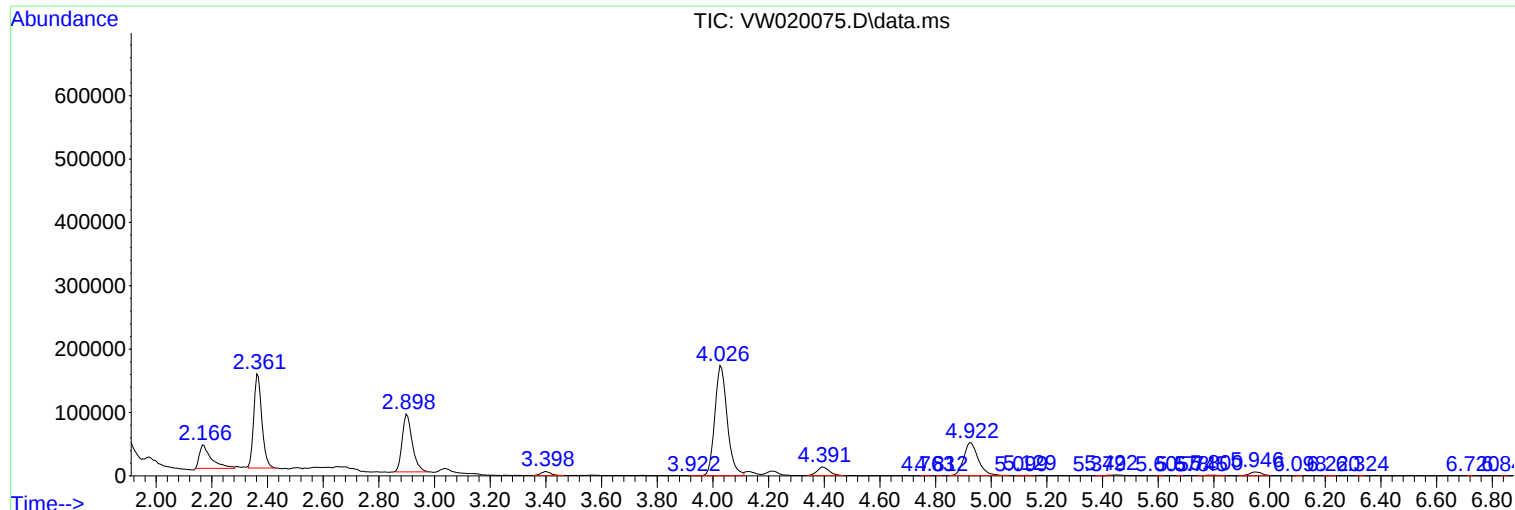
Sum of corrected areas: 10999361

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
Quant Title : SFAM01.0

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



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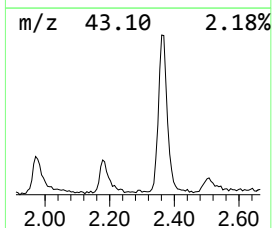
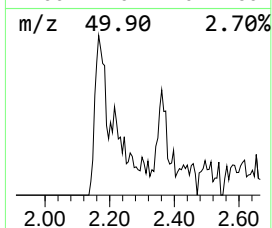
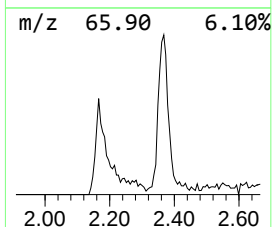
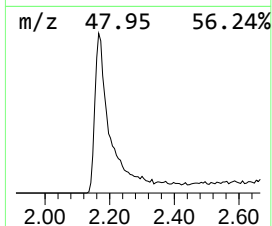
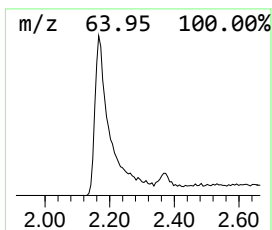
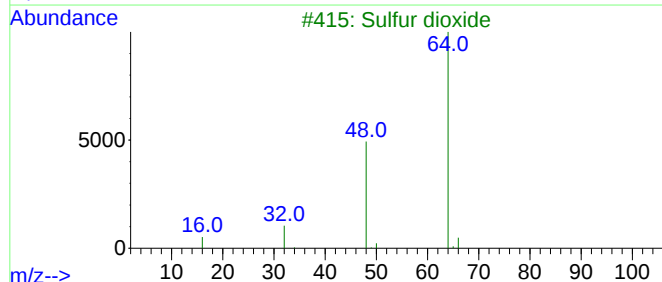
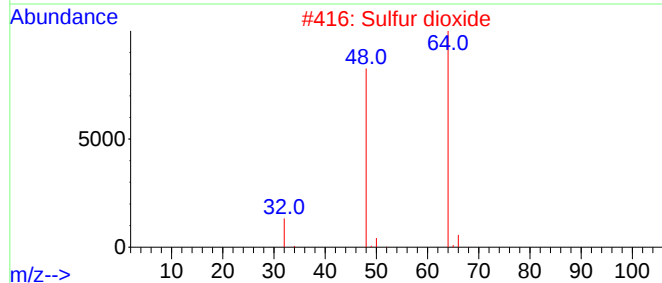
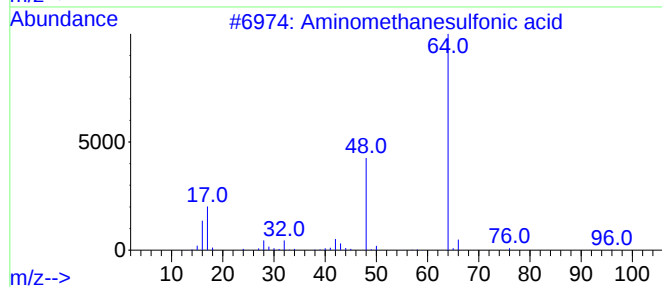
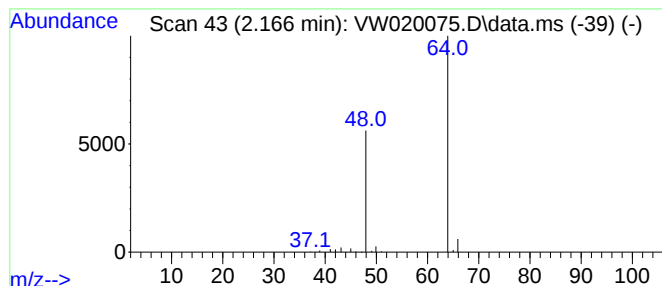
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM091421SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Sulfur dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.166	2.76 ug/L	109922	1,4-Difluorobenzene	8.848

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	83
2			Sulfur dioxide	64	O2S	007446-09-5	83
3			Sulfur dioxide	64	O2S	007446-09-5	83
4			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
5			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	25



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	2.166	2.8	ug/L	109922	1	8.848	994754	25.0