

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
 Data File : VW020107.D
 Acq On : 21 Sep 2021 21:27
 Operator : SY/VA
 Sample : M3837-02
 Misc : 4.47g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW7T2

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\SFAMWLM092121SMA.M
 Title : SFAM01.0

Signal : TIC: VW020107.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.154	36	41	49	rBV	15951	45600	3.65%	0.543%
2	2.361	69	75	89	rVB	125895	247534	19.84%	2.950%
3	2.897	156	163	179	rVB	86192	214783	17.21%	2.560%
4	3.300	228	229	231	rBV2	239	212	0.02%	0.003%
5	3.519	261	265	267	rBV3	433	617	0.05%	0.007%
6	3.556	269	271	273	rBV2	428	327	0.03%	0.004%
7	3.684	288	292	294	rBV4	548	901	0.07%	0.011%
8	3.818	311	314	315	rBV	149	186	0.01%	0.002%
9	4.025	337	348	362	rBV	147501	445912	35.73%	5.314%
10	4.397	403	409	411	rBV3	2456	4327	0.35%	0.052%
11	4.745	465	466	469	rBV2	228	184	0.01%	0.002%
12	4.921	482	495	516	rVB	53765	187450	15.02%	2.234%
13	5.129	516	529	545	rVB3	3484	14173	1.14%	0.169%
14	5.293	555	556	559	rBV2	188	184	0.01%	0.002%
15	5.434	568	579	592	rVB	17901	52095	4.17%	0.621%
16	5.549	596	598	600	rBV2	247	200	0.02%	0.002%
17	5.757	629	632	638	rVB3	585	961	0.08%	0.011%
18	5.952	654	664	673	rVB4	5245	16241	1.30%	0.194%
19	6.110	687	690	691	rBV2	172	191	0.02%	0.002%
20	6.220	705	708	709	rBV2	337	356	0.03%	0.004%
21	6.378	731	734	735	rBV	379	304	0.02%	0.004%
22	6.574	764	766	768	rVB2	247	205	0.02%	0.002%
23	6.921	821	823	826	rVB2	200	210	0.02%	0.003%
24	6.970	828	831	832	rBV2	333	292	0.02%	0.003%
25	7.080	841	849	854	rBV2	24621	65448	5.24%	0.780%
26	7.171	858	864	879	rVB	234587	626178	50.18%	7.463%
27	7.653	932	943	955	rBV	214964	531458	42.59%	6.334%
28	7.957	987	993	999	rVB5	962	1797	0.14%	0.021%
29	8.153	1023	1025	1032	rBV3	276	541	0.04%	0.006%
30	8.281	1034	1046	1061	rBV2	424543	1247833	100.00%	14.872%
31	8.622	1100	1102	1106	rVB3	266	387	0.03%	0.005%
32	8.683	1109	1112	1113	rBV2	297	289	0.02%	0.003%
33	8.848	1130	1139	1151	rBV	398531	767146	61.48%	9.143%
34	9.097	1171	1180	1192	rVB	92590	188288	15.09%	2.244%
35	9.274	1197	1209	1218	rBV	264360	535257	42.89%	6.379%
36	9.457	1236	1239	1242	rBV	257	277	0.02%	0.003%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
 Title : SFAM01.0

37	9.488	1242	1244	1247	rVV2	166	239	0.02%	0.003%
38	9.543	1250	1253	1256	rBV3	167	265	0.02%	0.003%
39	9.658	1270	1272	1279	rVB2	258	421	0.03%	0.005%
40	9.762	1283	1289	1293	rVB4	1244	2527	0.20%	0.030%
41	9.817	1293	1298	1299	rBV2	259	253	0.02%	0.003%
42	9.841	1299	1302	1304	rBV	287	303	0.02%	0.004%
43	9.896	1305	1311	1318	rVB4	2044	3937	0.32%	0.047%
44	10.036	1323	1334	1346	rBV	119024	213625	17.12%	2.546%
45	10.213	1359	1363	1373	rBV4	1911	3693	0.30%	0.044%
46	10.329	1373	1382	1389	rBV	469769	843872	67.63%	10.057%
47	10.469	1404	1405	1407	rBV	245	192	0.02%	0.002%
48	10.579	1413	1423	1432	rBV	74429	126454	10.13%	1.507%
49	10.707	1437	1444	1450	rVV3	32199	58955	4.72%	0.703%
50	10.774	1454	1455	1457	rVV	608	322	0.03%	0.004%
51	10.817	1460	1462	1464	rBV2	338	454	0.04%	0.005%
52	10.865	1464	1470	1474	rVV3	7267	13040	1.05%	0.155%
53	10.926	1474	1480	1492	rVB	85209	144063	11.55%	1.717%
54	11.067	1497	1503	1513	rVV	14571	24680	1.98%	0.294%
55	11.176	1517	1521	1527	rVB4	1813	3049	0.24%	0.036%
56	11.225	1528	1529	1532	rBV2	181	186	0.01%	0.002%
57	11.329	1544	1546	1549	rBV2	176	228	0.02%	0.003%
58	11.359	1549	1551	1554	rVB2	255	254	0.02%	0.003%
59	11.439	1554	1564	1572	rBV2	18641	31669	2.54%	0.377%
60	11.634	1587	1596	1607	rBV	411715	685874	54.97%	8.174%
61	11.786	1617	1621	1624	rBV2	261	299	0.02%	0.004%
62	11.841	1626	1630	1638	rVB4	1242	2407	0.19%	0.029%
63	12.091	1670	1671	1675	rBV2	188	193	0.02%	0.002%
64	12.164	1680	1683	1686	rVB2	385	550	0.04%	0.007%
65	12.536	1740	1744	1746	rBV	234	239	0.02%	0.003%
66	12.609	1749	1756	1763	rVB	74362	116619	9.35%	1.390%
67	12.694	1763	1770	1776	rBV	134023	218541	17.51%	2.605%
68	12.749	1776	1779	1780	rBV2	747	824	0.07%	0.010%
69	12.865	1793	1798	1799	rBV3	312	350	0.03%	0.004%
70	12.932	1804	1809	1814	rBV2	3559	5843	0.47%	0.070%
71	13.024	1821	1824	1829	rBV6	948	1656	0.13%	0.020%
72	13.085	1829	1834	1838	rVB4	599	932	0.07%	0.011%
73	13.146	1841	1844	1845	rBV2	358	272	0.02%	0.003%
74	13.194	1845	1852	1856	rVV2	1410	2630	0.21%	0.031%
75	13.292	1858	1868	1873	rVB2	7788	13047	1.05%	0.155%
76	13.408	1880	1887	1893	rVB4	2988	5340	0.43%	0.064%

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 Title : SFAM01.0

77	13.475	1896	1898	1899	rBV	433	356	0.03%	0.004%
78	13.560	1905	1912	1918	rBV	204997	321808	25.79%	3.835%
79	13.761	1940	1945	1950	rBV5	2205	3966	0.32%	0.047%
80	13.853	1953	1960	1967	rBV	173807	282593	22.65%	3.368%
81	14.017	1983	1987	1989	rBV3	724	1123	0.09%	0.013%
82	14.066	1990	1995	2009	rVB	19165	32175	2.58%	0.383%
83	14.170	2011	2012	2013	rBV	309	192	0.02%	0.002%
84	14.328	2032	2038	2041	rVB5	1608	2646	0.21%	0.032%
85	14.725	2099	2103	2110	rVB5	2854	3987	0.32%	0.048%
86	14.859	2123	2125	2129	rVB3	291	349	0.03%	0.004%
87	14.974	2142	2144	2145	rBV	271	202	0.02%	0.002%
88	15.017	2148	2151	2153	rVB2	373	315	0.03%	0.004%
89	15.042	2153	2155	2157	rBV2	184	223	0.02%	0.003%
90	15.096	2162	2164	2166	rBV3	404	326	0.03%	0.004%
91	15.163	2173	2175	2176	rBV2	321	261	0.02%	0.003%
92	15.279	2192	2194	2197	rBV2	414	450	0.04%	0.005%
93	15.432	2215	2219	2224	rVB2	4531	6723	0.54%	0.080%
94	15.487	2224	2228	2235	rVB	2495	4535	0.36%	0.054%
95	15.541	2235	2237	2239	rBV2	469	396	0.03%	0.005%
96	15.682	2258	2260	2262	rVV2	381	290	0.02%	0.003%
97	15.724	2265	2267	2268	rBV2	269	188	0.02%	0.002%
98	16.005	2311	2313	2316	rBV3	303	398	0.03%	0.005%
99	16.151	2335	2337	2338	rBV	343	225	0.02%	0.003%
100	16.608	2411	2412	2414	rBV	375	278	0.02%	0.003%

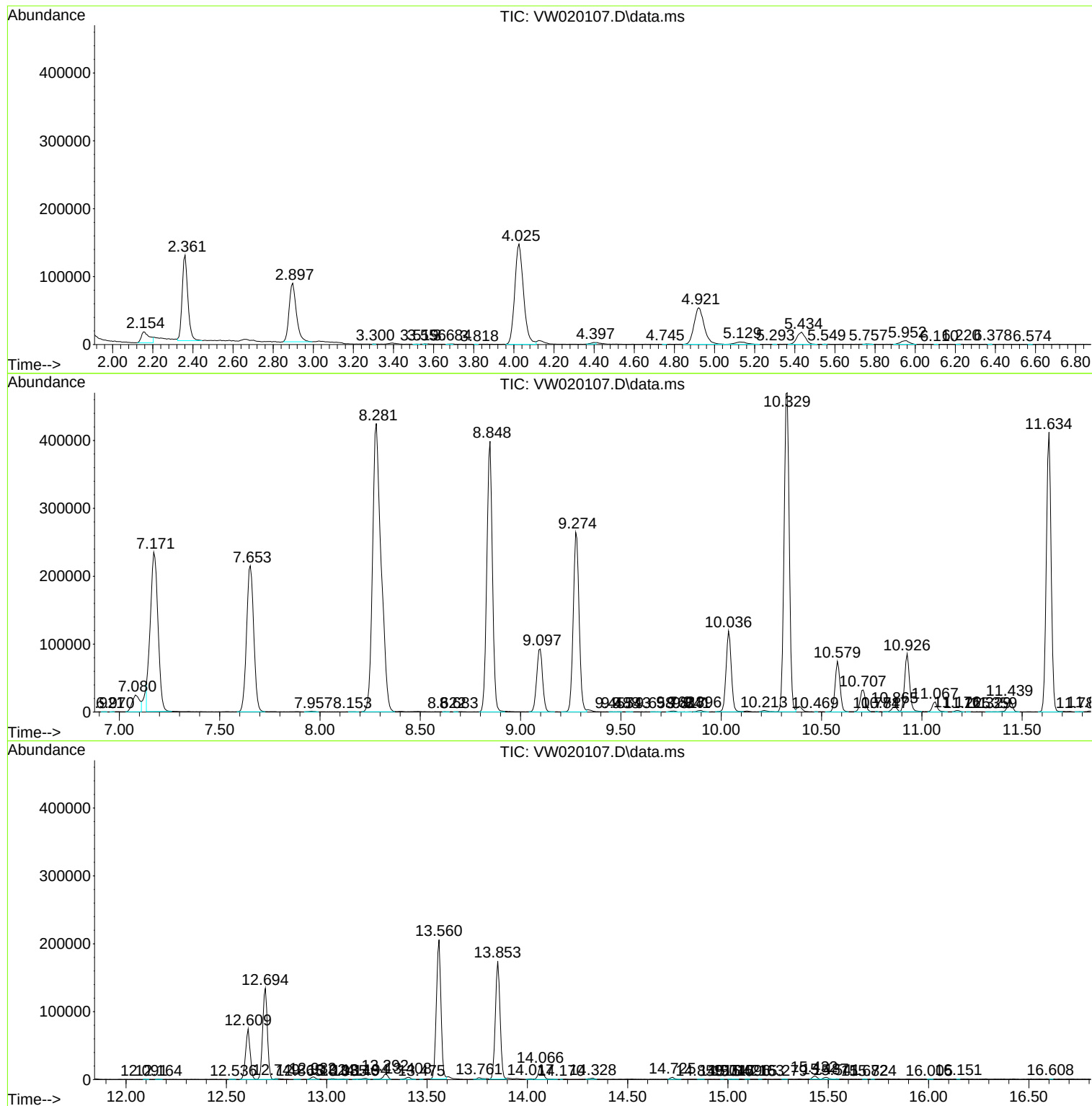
Sum of corrected areas: 8390646

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

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



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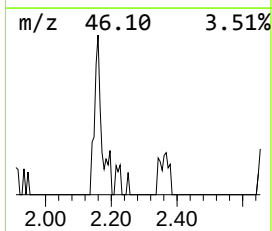
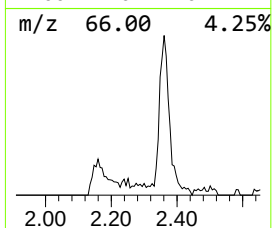
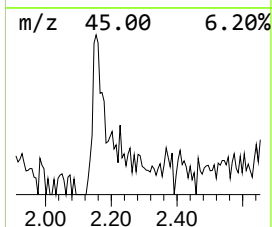
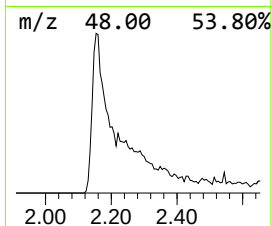
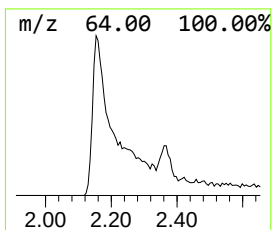
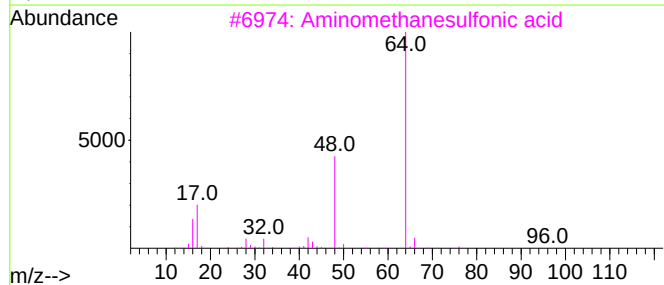
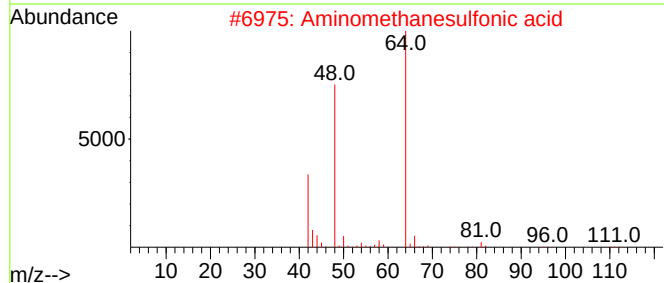
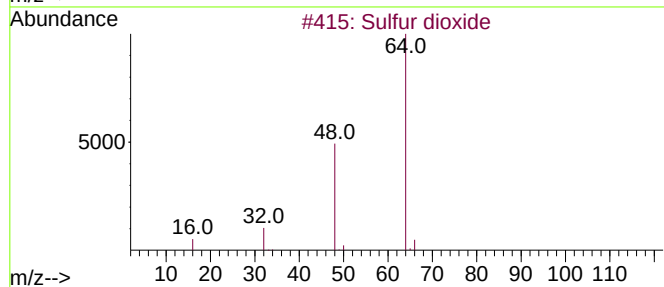
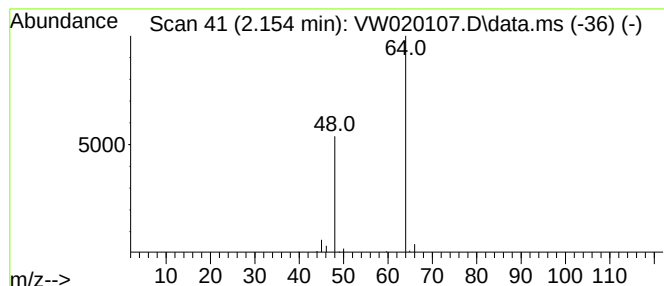
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Sulfur dioxide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.154	1.49 ug/L	45600	1,4-Difluorobenzene	8.848

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	83
2			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
4			Sulfur dioxide	64	O2S	007446-09-5	5
5			Ethene, 1,2-difluoro-	64	C2H2F2	001691-13-0	5



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	2.154	1.5	ug/L	45600	1	8.848	767146	25.0