

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
 Data File : VW020099.D
 Acq On : 21 Sep 2021 18:16
 Operator : SY/VA
 Sample : M3813-11
 Misc : 4.59g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GB6T5

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: VW020099.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.196	38	48	69	rBV2	30706	217220	13.48%	1.783%
2	2.361	70	75	87	rVB	119111	252307	15.65%	2.071%
3	2.898	156	163	179	rVB	96819	244865	15.19%	2.010%
4	3.507	261	263	265	rBV2	210	194	0.01%	0.002%
5	3.623	280	282	283	rBV2	289	194	0.01%	0.002%
6	3.733	294	300	306	rBV5	902	2108	0.13%	0.017%
7	4.025	336	348	363	rBV	172891	541313	33.58%	4.442%
8	4.391	396	408	423	rBV	16700	54974	3.41%	0.451%
9	4.678	453	455	456	rBV	454	251	0.02%	0.002%
10	4.800	474	475	479	rVB2	293	295	0.02%	0.002%
11	4.922	483	495	510	rVV3	22068	78350	4.86%	0.643%
12	5.092	519	523	524	rBV2	417	440	0.03%	0.004%
13	5.104	524	525	526	rBV	695	348	0.02%	0.003%
14	5.361	561	567	569	rBV2	365	627	0.04%	0.005%
15	5.702	619	623	626	rVB2	250	360	0.02%	0.003%
16	5.793	631	638	639	rBV	1159	2114	0.13%	0.017%
17	5.940	654	662	674	rVB4	6876	21130	1.31%	0.173%
18	6.049	677	680	683	rVB3	208	248	0.02%	0.002%
19	6.116	686	691	692	rBV2	487	712	0.04%	0.006%
20	6.476	749	750	754	rVB2	181	199	0.01%	0.002%
21	6.513	754	756	759	rBV2	189	242	0.02%	0.002%
22	6.616	767	773	778	rVB3	339	631	0.04%	0.005%
23	6.726	789	791	794	rVB	254	196	0.01%	0.002%
24	6.751	794	795	800	rBV2	265	335	0.02%	0.003%
25	6.909	812	821	829	rBV3	1342	3297	0.20%	0.027%
26	7.086	840	850	872	rVV	44746	140739	8.73%	1.155%
27	7.415	901	904	905	rBV2	230	207	0.01%	0.002%
28	7.433	905	907	910	rVV2	165	214	0.01%	0.002%
29	7.543	921	925	926	rBV2	206	210	0.01%	0.002%
30	7.555	926	927	932	rBV3	202	280	0.02%	0.002%
31	7.653	932	943	957	rBV	273181	676176	41.95%	5.549%
32	7.763	960	961	966	rVB3	547	584	0.04%	0.005%
33	7.897	977	983	986	rBV3	390	728	0.05%	0.006%
34	7.952	989	992	1000	rVB3	580	1167	0.07%	0.010%
35	8.043	1003	1007	1009	rBV2	184	225	0.01%	0.002%
36	8.208	1031	1034	1035	rBV3	217	216	0.01%	0.002%

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

37	8.281	1035	1046	1062	rBV2	537752	1611898	100.00%	13.228%
38	8.482	1077	1079	1083	rVB2	302	370	0.02%	0.003%
39	8.537	1083	1088	1089	rBV3	733	984	0.06%	0.008%
40	8.695	1108	1114	1117	rBV4	881	1510	0.09%	0.012%
41	8.848	1129	1139	1154	rBV	526498	1028275	63.79%	8.439%
42	9.055	1169	1173	1174	rBV2	454	549	0.03%	0.005%
43	9.116	1182	1183	1187	rBV2	316	271	0.02%	0.002%
44	9.159	1187	1190	1192	rBV2	181	211	0.01%	0.002%
45	9.274	1200	1209	1219	rBV	366365	749316	46.49%	6.149%
46	9.415	1226	1232	1240	rVB2	4057	8322	0.52%	0.068%
47	9.646	1265	1270	1271	rBV2	341	495	0.03%	0.004%
48	9.829	1295	1300	1303	rVB2	249	443	0.03%	0.004%
49	10.037	1326	1334	1347	rBV	204402	362201	22.47%	2.972%
50	10.244	1362	1368	1369	rBV2	178	251	0.02%	0.002%
51	10.323	1373	1381	1388	rBV	751365	1320857	81.94%	10.840%
52	10.390	1388	1392	1402	rVB	26043	46356	2.88%	0.380%
53	10.494	1405	1409	1416	rVB2	1934	3380	0.21%	0.028%
54	10.579	1416	1423	1431	rBV	141862	237024	14.70%	1.945%
55	10.707	1438	1444	1452	rVB	21370	37297	2.31%	0.306%
56	10.860	1468	1469	1472	rVB2	304	228	0.01%	0.002%
57	10.927	1473	1480	1498	rVV	211668	349753	21.70%	2.870%
58	11.073	1498	1504	1512	rVB2	12682	22260	1.38%	0.183%
59	11.305	1538	1542	1544	rBV2	491	555	0.03%	0.005%
60	11.390	1553	1556	1557	rBV2	214	209	0.01%	0.002%
61	11.451	1564	1566	1569	rBV2	265	255	0.02%	0.002%
62	11.481	1569	1571	1572	rBV	236	204	0.01%	0.002%
63	11.634	1588	1596	1607	rBV	758444	1265636	78.52%	10.387%
64	11.804	1621	1624	1625	rBV2	800	606	0.04%	0.005%
65	11.829	1626	1628	1635	rVB4	1388	2650	0.16%	0.022%
66	12.097	1668	1672	1675	rBV2	551	652	0.04%	0.005%
67	12.164	1679	1683	1684	rBV2	724	737	0.05%	0.006%
68	12.237	1691	1695	1697	rBV3	222	269	0.02%	0.002%
69	12.341	1706	1712	1717	rVV3	4474	7526	0.47%	0.062%
70	12.609	1748	1756	1763	rBV	53664	88028	5.46%	0.722%
71	12.695	1763	1770	1777	rBV	309091	518807	32.19%	4.258%
72	12.890	1794	1802	1807	rBV5	2142	4649	0.29%	0.038%
73	13.006	1819	1821	1825	rVB	487	569	0.04%	0.005%
74	13.188	1849	1851	1856	rVB3	1401	1908	0.12%	0.016%
75	13.249	1856	1861	1863	rBV4	1893	3150	0.20%	0.026%
76	13.396	1879	1885	1893	rBV3	5087	8547	0.53%	0.070%

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 Title : SFAM01.0

77	13.493	1899	1901	1903	rBV	662	626	0.04%	0.005%
78	13.560	1904	1912	1919	rVV	710463	1127417	69.94%	9.252%
79	13.646	1922	1926	1937	rVB	13412	23289	1.44%	0.191%
80	13.853	1953	1960	1973	rBV	659073	1051878	65.26%	8.632%
81	14.066	1990	1995	2003	rVB	12987	22098	1.37%	0.181%
82	14.188	2013	2015	2016	rBV	674	491	0.03%	0.004%
83	14.322	2032	2037	2045	rBV5	11436	18237	1.13%	0.150%
84	14.487	2062	2064	2066	rBV3	491	424	0.03%	0.003%
85	14.627	2084	2087	2091	rVB4	672	1080	0.07%	0.009%
86	14.694	2094	2098	2099	rBV4	250	268	0.02%	0.002%
87	14.713	2099	2101	2102	rBV	526	398	0.02%	0.003%
88	14.780	2111	2112	2114	rVV2	687	261	0.02%	0.002%
89	14.804	2114	2116	2119	rVB3	343	341	0.02%	0.003%
90	14.834	2119	2121	2123	rBV2	387	346	0.02%	0.003%
91	14.883	2127	2129	2133	rVB3	687	530	0.03%	0.004%
92	15.127	2167	2169	2174	rVB3	693	672	0.04%	0.006%
93	15.176	2174	2177	2185	rVB4	1805	2591	0.16%	0.021%
94	15.554	2236	2239	2242	rVB4	855	1105	0.07%	0.009%
95	15.584	2242	2244	2245	rBV	337	227	0.01%	0.002%
96	15.603	2245	2247	2249	rBV2	324	344	0.02%	0.003%
97	15.956	2302	2305	2307	rBV3	582	641	0.04%	0.005%
98	16.017	2313	2315	2318	rBV3	407	459	0.03%	0.004%
99	16.395	2375	2377	2378	rBV2	293	238	0.01%	0.002%
100	16.608	2411	2412	2413	rBV	570	313	0.02%	0.003%

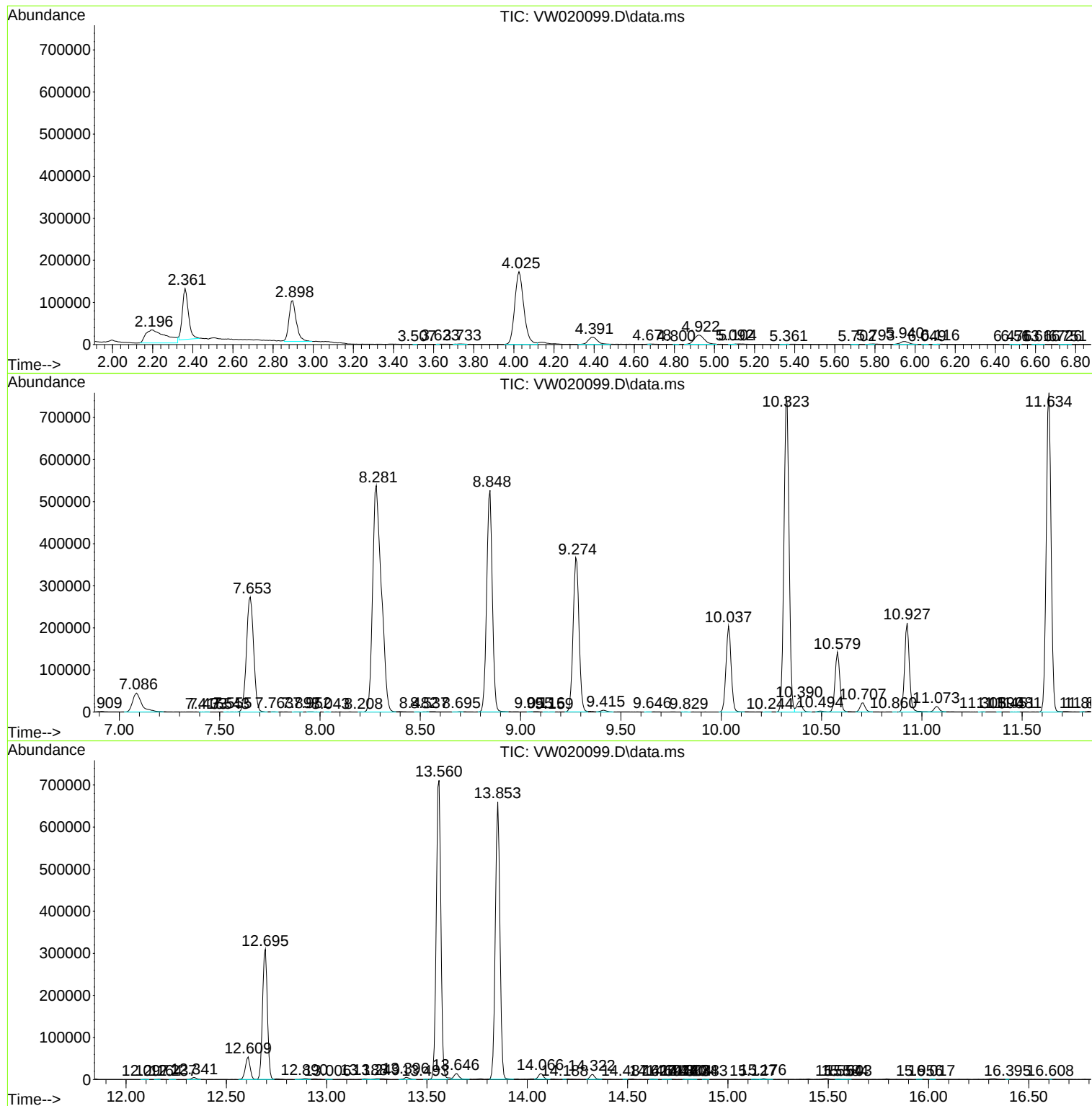
Sum of corrected areas: 12185178

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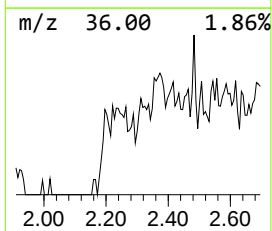
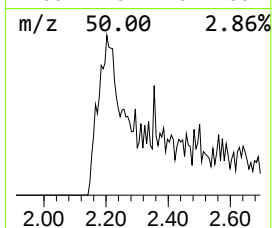
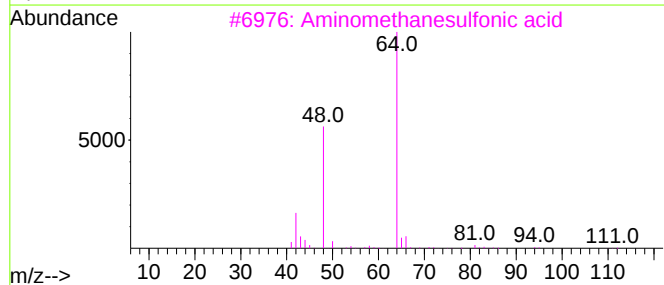
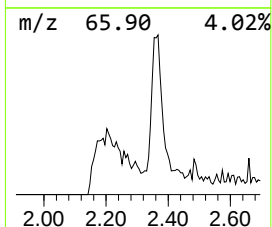
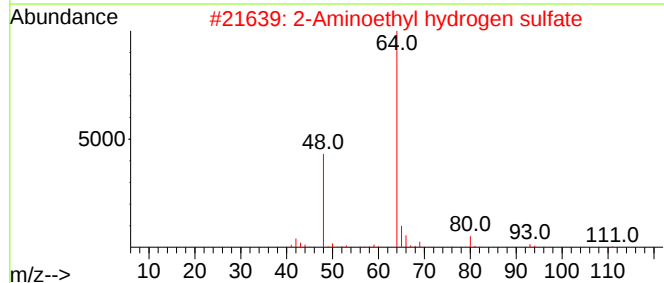
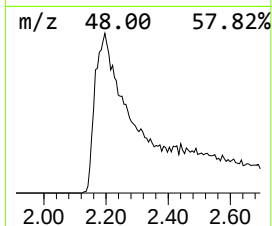
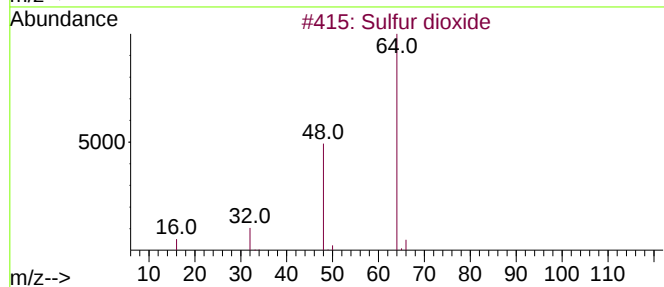
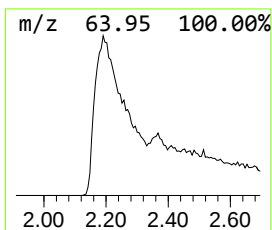
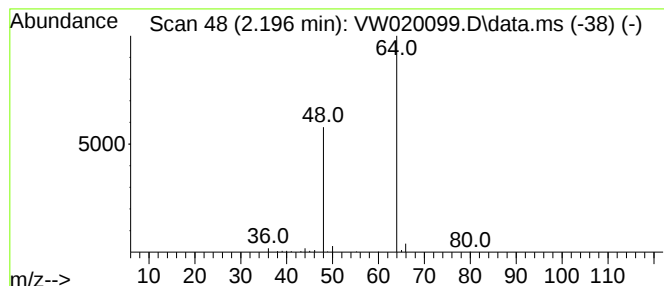
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.196	5.28 ug/L	217220	1,4-Difluorobenzene	8.848

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	83
2			2-Aminoethyl hydrogen sulfate	141	C2H7N04S	000926-39-6	9
3			Aminomethanesulfonic acid	111	CH5N03S	013881-91-9	9
4			Aminomethanesulfonic acid	111	CH5N03S	013881-91-9	9
5			Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	7



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	2.196	5.3	ug/L	217220	1	8.848	1028280	25.0