

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
 Data File : VW023278.D
 Acq On : 24 May 2022 17:36
 Operator : SY/VA
 Sample : N2996-15
 Misc : 4.21g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBGT6

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\SFAMWLM050222SMA.M
 Title : SFAM01.0

Signal : TIC: VW023278.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.959	7	9	10	rBV	2025	1428	0.13%	0.014%
2	2.074	26	28	31	rBV3	1663	1633	0.15%	0.016%
3	2.154	34	41	55	rBV	347611	937442	85.35%	8.957%
4	2.355	70	74	90	rVB	60515	152583	13.89%	1.458%
5	2.885	155	161	172	rVB	60121	132509	12.06%	1.266%
6	3.245	217	220	223	rBV5	1705	2344	0.21%	0.022%
7	3.294	223	228	232	rVB7	1672	3393	0.31%	0.032%
8	3.330	232	234	238	rBV3	1405	1491	0.14%	0.014%
9	3.538	266	268	269	rBV2	2267	1460	0.13%	0.014%
10	3.727	296	299	304	rBV5	1361	2768	0.25%	0.026%
11	4.019	336	347	360	rBV	95401	303500	27.63%	2.900%
12	4.111	360	362	363	rBV	2389	2118	0.19%	0.020%
13	4.391	399	408	417	rVB2	16993	52110	4.74%	0.498%
14	4.550	432	434	437	rBV3	1175	1341	0.12%	0.013%
15	4.617	443	445	451	rVB6	1009	1441	0.13%	0.014%
16	4.745	462	466	468	rVB5	1050	1280	0.12%	0.012%
17	4.915	485	494	502	rBV3	10556	30670	2.79%	0.293%
18	5.123	519	528	532	rBV6	3835	12555	1.14%	0.120%
19	5.348	563	565	568	rBV4	1043	1568	0.14%	0.015%
20	5.415	572	576	578	rVV5	1243	1889	0.17%	0.018%
21	5.458	581	583	587	rVB5	1045	1282	0.12%	0.012%
22	5.757	626	632	635	rBV4	1311	2401	0.22%	0.023%
23	5.934	657	661	666	rVV5	4321	9101	0.83%	0.087%
24	6.055	680	681	684	rVB2	1276	1334	0.12%	0.013%
25	6.147	693	696	700	rVB5	1299	2303	0.21%	0.022%
26	6.293	718	720	724	rBV5	1481	2489	0.23%	0.024%
27	6.366	728	732	734	rBV3	1399	1568	0.14%	0.015%
28	6.513	753	756	758	rBV3	1843	1659	0.15%	0.016%
29	6.891	814	818	819	rBV3	1485	1714	0.16%	0.016%
30	6.970	828	831	837	rVB7	1182	2711	0.25%	0.026%
31	7.074	841	848	857	rBV	39799	112771	10.27%	1.078%
32	7.250	871	877	889	rVB2	12270	34166	3.11%	0.326%
33	7.391	897	900	904	rBV4	1138	1507	0.14%	0.014%
34	7.525	915	922	923	rBV3	1998	3714	0.34%	0.035%
35	7.543	923	925	931	rVV7	1620	2571	0.23%	0.025%
36	7.647	932	942	954	rVV	203967	485748	44.23%	4.641%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Title : SFAM01.0

37	7.897	978	983	985	rVV6	1392	2500	0.23%	0.024%
38	7.951	990	992	997	rVB5	2130	3042	0.28%	0.029%
39	8.189	1027	1031	1032	rBV2	1632	1846	0.17%	0.018%
40	8.275	1036	1045	1059	rBV3	344357	1071347	97.54%	10.237%
41	8.482	1077	1079	1082	rBV4	1488	1764	0.16%	0.017%
42	8.555	1088	1091	1093	rBV4	1469	1835	0.17%	0.018%
43	8.689	1108	1113	1117	rBV6	1570	2489	0.23%	0.024%
44	8.842	1129	1138	1151	rBV	431254	847562	77.17%	8.098%
45	9.018	1165	1167	1168	rBV2	1561	1382	0.13%	0.013%
46	9.073	1171	1176	1182	rVB9	3065	7564	0.69%	0.072%
47	9.274	1198	1209	1218	rBV	266119	533695	48.59%	5.099%
48	9.409	1228	1231	1234	rVV5	3279	4213	0.38%	0.040%
49	9.457	1237	1239	1245	rVB6	1514	1743	0.16%	0.017%
50	9.518	1245	1249	1250	rBV4	1336	1422	0.13%	0.014%
51	9.591	1255	1261	1264	rBV7	1675	3176	0.29%	0.030%
52	9.622	1264	1266	1268	rBV3	1096	1275	0.12%	0.012%
53	9.658	1268	1272	1273	rBV4	1533	1761	0.16%	0.017%
54	10.036	1326	1334	1341	rVV	140861	251464	22.90%	2.403%
55	10.134	1345	1350	1351	rVV4	1683	2422	0.22%	0.023%
56	10.323	1370	1381	1388	rBV	513194	892022	81.22%	8.523%
57	10.488	1406	1408	1413	rVV5	3302	3907	0.36%	0.037%
58	10.579	1416	1423	1430	rVV2	88340	156233	14.22%	1.493%
59	10.701	1437	1443	1450	rBV	38530	65872	6.00%	0.629%
60	10.927	1472	1480	1493	rBV	172606	308645	28.10%	2.949%
61	11.073	1498	1504	1513	rVV8	7173	16240	1.48%	0.155%
62	11.341	1546	1548	1552	rVB3	918	1268	0.12%	0.012%
63	11.390	1552	1556	1559	rBV5	1560	1986	0.18%	0.019%
64	11.506	1573	1575	1578	rBV4	1253	1557	0.14%	0.015%
65	11.628	1587	1595	1607	rBV	642499	1098331	100.00%	10.494%
66	11.829	1625	1628	1636	rVB8	3390	6915	0.63%	0.066%
67	12.030	1657	1661	1662	rBV3	1655	1355	0.12%	0.013%
68	12.341	1707	1712	1716	rVB6	4318	7829	0.71%	0.075%
69	12.463	1726	1732	1734	rBV6	1566	2175	0.20%	0.021%
70	12.603	1747	1755	1762	rBV	157686	267352	24.34%	2.555%
71	12.688	1762	1769	1776	rBV	273858	446519	40.65%	4.266%
72	12.883	1799	1801	1802	rVV2	2072	1949	0.18%	0.019%
73	12.938	1806	1810	1813	rVB4	2720	4441	0.40%	0.042%
74	13.109	1834	1838	1845	rBV9	2582	4976	0.45%	0.048%
75	13.182	1848	1850	1853	rBV4	1188	1595	0.15%	0.015%
76	13.243	1857	1860	1862	rBV3	2481	2542	0.23%	0.024%

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 Title : SFAM01.0

77	13.298	1867	1869	1875	rVB6	3160	4711	0.43%	0.045%
78	13.347	1875	1877	1880	rBV4	1037	1417	0.13%	0.014%
79	13.396	1880	1885	1892	rVB9	6319	12322	1.12%	0.118%
80	13.487	1895	1900	1901	rBV4	1428	2127	0.19%	0.020%
81	13.554	1904	1911	1920	rBV	667770	1065093	96.97%	10.177%
82	13.646	1921	1926	1934	rBV2	20116	31241	2.84%	0.299%
83	13.847	1948	1959	1972	rBV	504419	867135	78.95%	8.285%
84	14.066	1989	1995	2002	rVB2	33271	58128	5.29%	0.555%
85	14.188	2011	2015	2018	rBV5	4995	8639	0.79%	0.083%
86	14.322	2032	2037	2045	rBV2	15204	28340	2.58%	0.271%
87	14.493	2063	2065	2066	rBV2	1572	1562	0.14%	0.015%
88	14.621	2084	2086	2088	rBV3	1539	1640	0.15%	0.016%
89	14.688	2094	2097	2098	rBV3	1229	1391	0.13%	0.013%
90	14.719	2098	2102	2106	rVB7	2764	3495	0.32%	0.033%
91	15.048	2152	2156	2158	rBV4	1228	1950	0.18%	0.019%
92	15.346	2201	2205	2209	rBV5	1523	2300	0.21%	0.022%
93	15.395	2210	2213	2214	rBV2	2091	2366	0.22%	0.023%
94	15.481	2222	2227	2231	rBV3	2948	6303	0.57%	0.060%
95	15.798	2271	2279	2283	rVB8	2783	6375	0.58%	0.061%
96	15.859	2287	2289	2292	rBV4	1596	1550	0.14%	0.015%
97	15.944	2299	2303	2305	rBV4	1563	2619	0.24%	0.025%
98	16.121	2328	2332	2335	rBV5	1603	2515	0.23%	0.024%
99	16.194	2340	2344	2346	rBV5	1314	1702	0.15%	0.016%
100	16.682	2420	2424	2428	rBV7	1185	2205	0.20%	0.021%

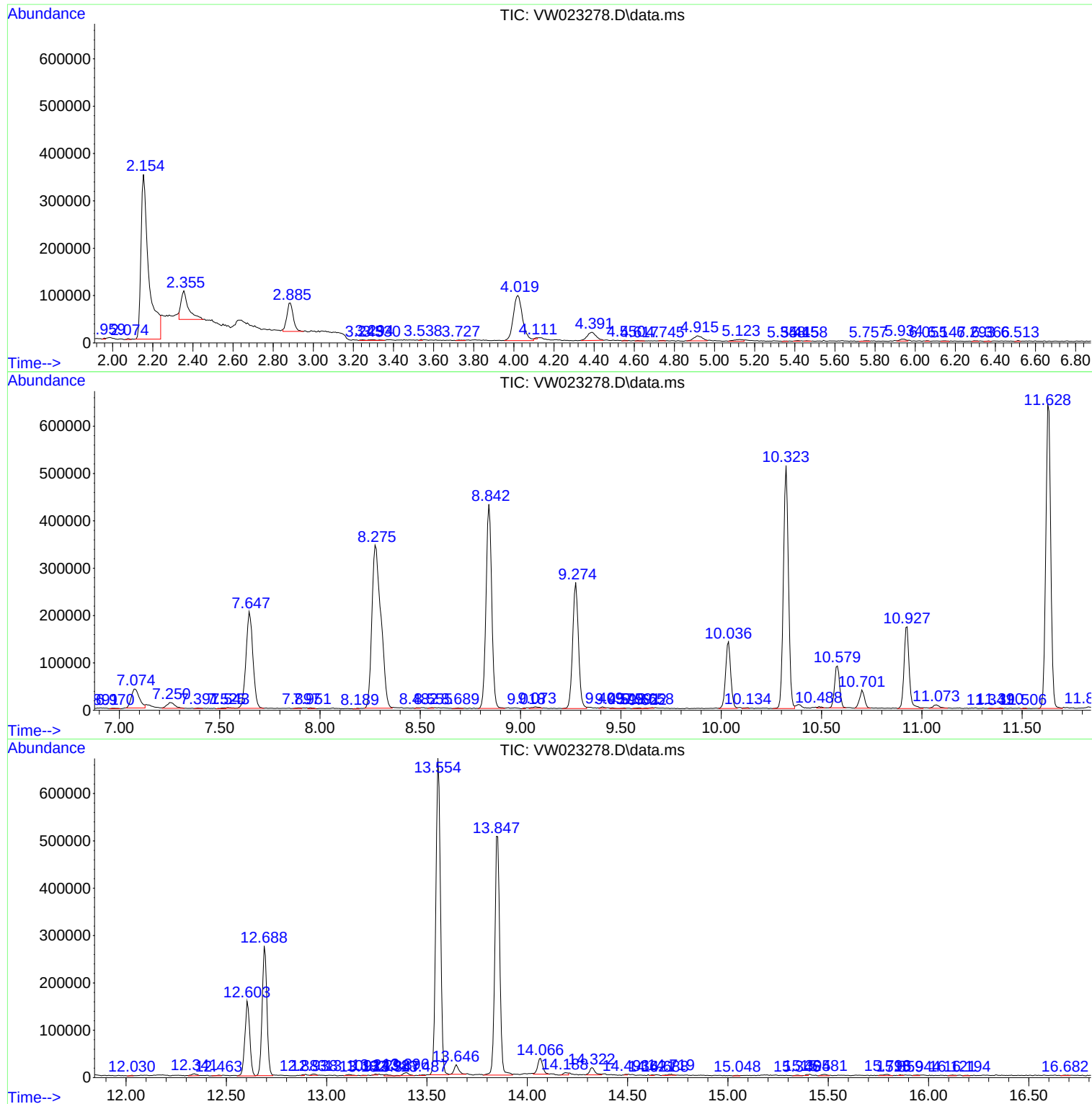
Sum of corrected areas: 10465899

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

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



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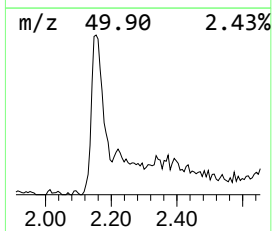
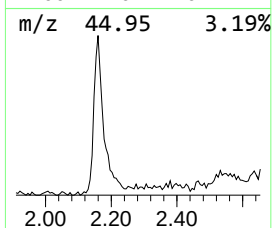
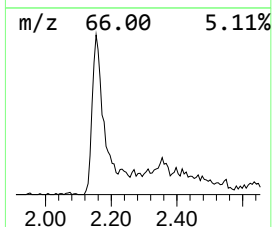
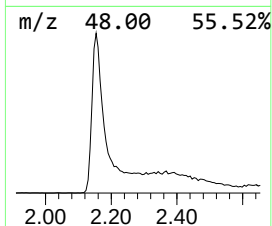
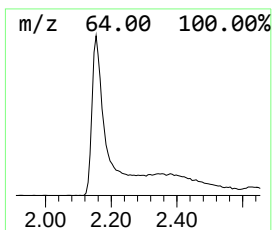
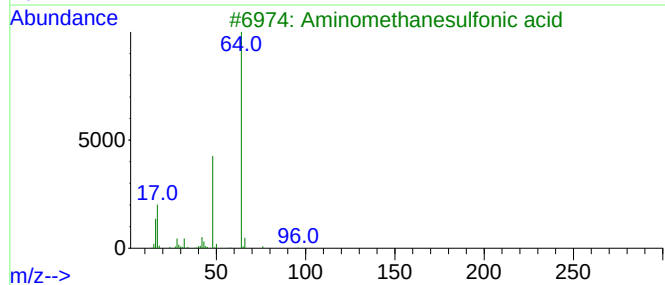
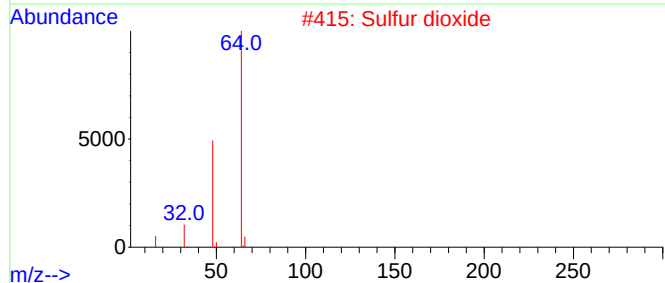
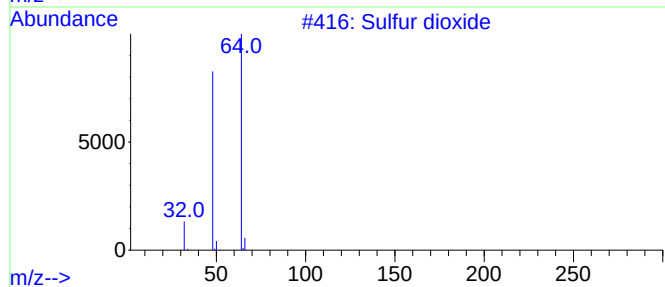
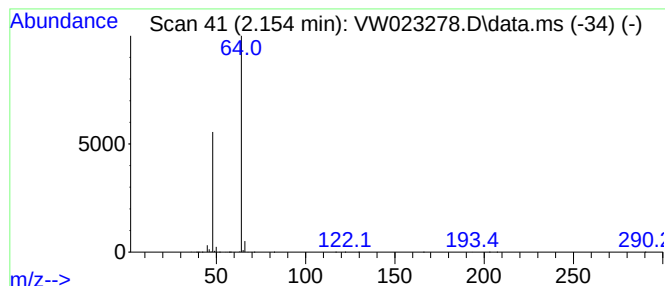
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

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

Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.154	27.65 ug/L	937442	1,4-Difluorobenzene	8.842

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	83
2			Sulfur dioxide	64	O2S	007446-09-5	83
3			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
4			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
5			L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	2.154	27.6	ug/L	937442	1	8.842	847562	25.0