

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080822\
 Data File : VW024201.D
 Acq On : 08 Aug 2022 15:40
 Operator : SY/VA
 Sample : N4030-06
 Misc : 5.04g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK001

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\SFAMWLM080422SMA.M
 Title : SFAM01.0

Signal : TIC: VW024201.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	34	41	49	rBV	99297	242534	15.89%	2.299%
2	2.343	67	72	83	rVB	147969	267950	17.55%	2.540%
3	2.873	153	159	170	rVB	92610	207023	13.56%	1.962%
4	4.001	332	344	358	rBV	110024	354437	23.22%	3.360%
5	4.251	382	385	387	rVB4	1656	1582	0.10%	0.015%
6	4.348	396	401	402	rBV5	1970	2675	0.18%	0.025%
7	4.367	402	404	407	rVV4	1328	1844	0.12%	0.017%
8	4.739	463	465	468	rVB4	1248	1297	0.08%	0.012%
9	4.769	468	470	474	rBV5	954	1391	0.09%	0.013%
10	4.818	474	478	479	rBV4	931	1207	0.08%	0.011%
11	4.903	479	492	505	rBV2	22239	80570	5.28%	0.764%
12	5.117	515	527	538	rBV2	10681	40419	2.65%	0.383%
13	5.220	541	544	548	rVB7	1674	1809	0.12%	0.017%
14	5.409	571	575	578	rBV5	1244	2057	0.13%	0.019%
15	5.726	619	627	628	rBV6	3922	5814	0.38%	0.055%
16	5.830	641	644	650	rBV4	969	2381	0.16%	0.023%
17	5.921	650	659	670	rVB7	7501	25275	1.66%	0.240%
18	6.275	713	717	719	rBV5	797	1286	0.08%	0.012%
19	6.580	765	767	770	rVB4	1119	1192	0.08%	0.011%
20	6.836	807	809	812	rBV3	903	1211	0.08%	0.011%
21	7.080	838	849	854	rBV	39132	105365	6.90%	0.999%
22	7.153	854	861	872	rVB	71680	199308	13.06%	1.889%
23	7.647	930	942	954	rBV	228459	568192	37.22%	5.386%
24	7.884	978	981	985	rVV5	1220	2337	0.15%	0.022%
25	7.927	986	988	989	rVV2	1636	1401	0.09%	0.013%
26	7.945	989	991	997	rVB6	2036	2490	0.16%	0.024%
27	8.140	1020	1023	1025	rBV4	1066	1372	0.09%	0.013%
28	8.268	1030	1044	1059	rBV3	483900	1526486	100.00%	14.469%
29	8.403	1064	1066	1071	rVB5	1237	2030	0.13%	0.019%
30	8.476	1076	1078	1079	rVV2	1693	1276	0.08%	0.012%
31	8.494	1079	1081	1083	rVV3	1221	1527	0.10%	0.014%
32	8.744	1119	1122	1125	rVB3	1229	1744	0.11%	0.017%
33	8.835	1128	1137	1151	rVV	369356	735659	48.19%	6.973%
34	9.018	1165	1167	1170	rBV4	1028	1482	0.10%	0.014%
35	9.183	1191	1194	1196	rBV3	1323	1275	0.08%	0.012%
36	9.268	1199	1208	1220	rBV	299841	615990	40.35%	5.839%

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 Title : SFAM01.0

37	9.640	1267	1269	1271	rBV3	1280	1120	0.07%	0.011%
38	9.756	1284	1288	1291	rVV5	2260	3963	0.26%	0.038%
39	9.890	1301	1310	1317	rBV8	6223	15421	1.01%	0.146%
40	9.957	1317	1321	1322	rBV3	2518	2726	0.18%	0.026%
41	9.988	1323	1326	1327	rVV3	3456	3850	0.25%	0.036%
42	10.030	1327	1333	1341	rVB	162563	290865	19.05%	2.757%
43	10.225	1356	1365	1366	rBV7	3426	7992	0.52%	0.076%
44	10.323	1373	1381	1391	rBV	647981	1146791	75.13%	10.870%
45	10.500	1407	1410	1411	rBV2	2353	2369	0.16%	0.022%
46	10.573	1415	1422	1435	rVB	109870	193529	12.68%	1.834%
47	10.701	1435	1443	1451	rBV2	40378	77377	5.07%	0.733%
48	10.768	1451	1454	1459	rVB5	2263	3459	0.23%	0.033%
49	10.841	1459	1466	1471	rBV5	4645	10207	0.67%	0.097%
50	10.920	1472	1479	1495	rBV	157287	276027	18.08%	2.616%
51	11.061	1497	1502	1510	rVB	28712	47555	3.12%	0.451%
52	11.170	1515	1520	1526	rBV5	9019	16241	1.06%	0.154%
53	11.335	1545	1547	1549	rBV3	1582	1749	0.11%	0.017%
54	11.433	1553	1563	1569	rVB2	27366	51537	3.38%	0.489%
55	11.524	1576	1578	1582	rVB4	1187	1257	0.08%	0.012%
56	11.628	1585	1595	1604	rBV	534668	914331	59.90%	8.667%
57	11.792	1620	1622	1625	rVB4	967	1130	0.07%	0.011%
58	11.835	1625	1629	1631	rBV4	980	1432	0.09%	0.014%
59	12.182	1682	1686	1687	rVB4	1268	1378	0.09%	0.013%
60	12.432	1724	1727	1728	rBV2	1325	1479	0.10%	0.014%
61	12.469	1728	1733	1737	rVV6	2531	4932	0.32%	0.047%
62	12.603	1749	1755	1761	rBV	17052	29309	1.92%	0.278%
63	12.688	1762	1769	1778	rVV	261737	435460	28.53%	4.128%
64	12.865	1795	1798	1801	rBV3	1359	2053	0.13%	0.019%
65	12.926	1805	1808	1814	rVV7	3729	5259	0.34%	0.050%
66	12.999	1816	1820	1821	rBV4	996	1280	0.08%	0.012%
67	13.036	1821	1826	1829	rVB6	2001	3378	0.22%	0.032%
68	13.079	1829	1833	1837	rVB5	2249	3136	0.21%	0.030%
69	13.188	1849	1851	1853	rBV2	1396	1655	0.11%	0.016%
70	13.219	1853	1856	1858	rBV4	1241	1462	0.10%	0.014%
71	13.286	1865	1867	1871	rVB5	2292	3535	0.23%	0.034%
72	13.402	1880	1886	1892	rVV6	3441	6553	0.43%	0.062%
73	13.475	1894	1898	1899	rBV4	1526	1532	0.10%	0.015%
74	13.505	1901	1903	1904	rVV2	1600	1635	0.11%	0.015%
75	13.554	1904	1911	1923	rVV	570881	915944	60.00%	8.682%
76	13.646	1924	1926	1929	rVB4	3711	3835	0.25%	0.036%

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 Title : SFAM01.0

77	13.743	1938	1942	1943	rBV4	1910	2021	0.13%	0.019%
78	13.847	1953	1959	1966	rBV	572906	972879	63.73%	9.222%
79	14.060	1990	1994	2000	rVB2	4840	7888	0.52%	0.075%
80	14.322	2034	2037	2044	rVB7	2759	5805	0.38%	0.055%
81	14.426	2051	2054	2056	rBV4	1352	1390	0.09%	0.013%
82	14.712	2098	2101	2108	rVB6	2078	4080	0.27%	0.039%
83	14.847	2121	2123	2126	rVB4	1313	1077	0.07%	0.010%
84	14.889	2128	2130	2133	rBV3	1242	1202	0.08%	0.011%
85	14.975	2140	2144	2147	rVB5	1334	2120	0.14%	0.020%
86	15.023	2147	2152	2155	rVB4	1400	2210	0.14%	0.021%
87	15.432	2212	2219	2224	rBV3	11516	21018	1.38%	0.199%
88	15.554	2236	2239	2241	rBV4	1298	1484	0.10%	0.014%
89	15.639	2250	2253	2256	rBV5	1329	1583	0.10%	0.015%
90	15.676	2256	2259	2261	rBV4	1536	1691	0.11%	0.016%
91	15.767	2270	2274	2275	rBV4	1760	2308	0.15%	0.022%
92	15.816	2279	2282	2284	rBV3	1491	1820	0.12%	0.017%
93	15.932	2300	2301	2307	rVB6	1881	2693	0.18%	0.026%
94	15.980	2307	2309	2312	rBV4	1676	1844	0.12%	0.017%
95	16.115	2329	2331	2332	rBV2	1289	1158	0.08%	0.011%
96	16.194	2341	2344	2348	rVB6	1068	1550	0.10%	0.015%
97	16.279	2356	2358	2362	rVB3	1137	1318	0.09%	0.012%
98	16.371	2372	2373	2376	rBV3	1104	1077	0.07%	0.010%
99	16.657	2417	2420	2423	rBV5	1148	1447	0.09%	0.014%
100	16.730	2429	2432	2436	rBV4	1249	1756	0.12%	0.017%

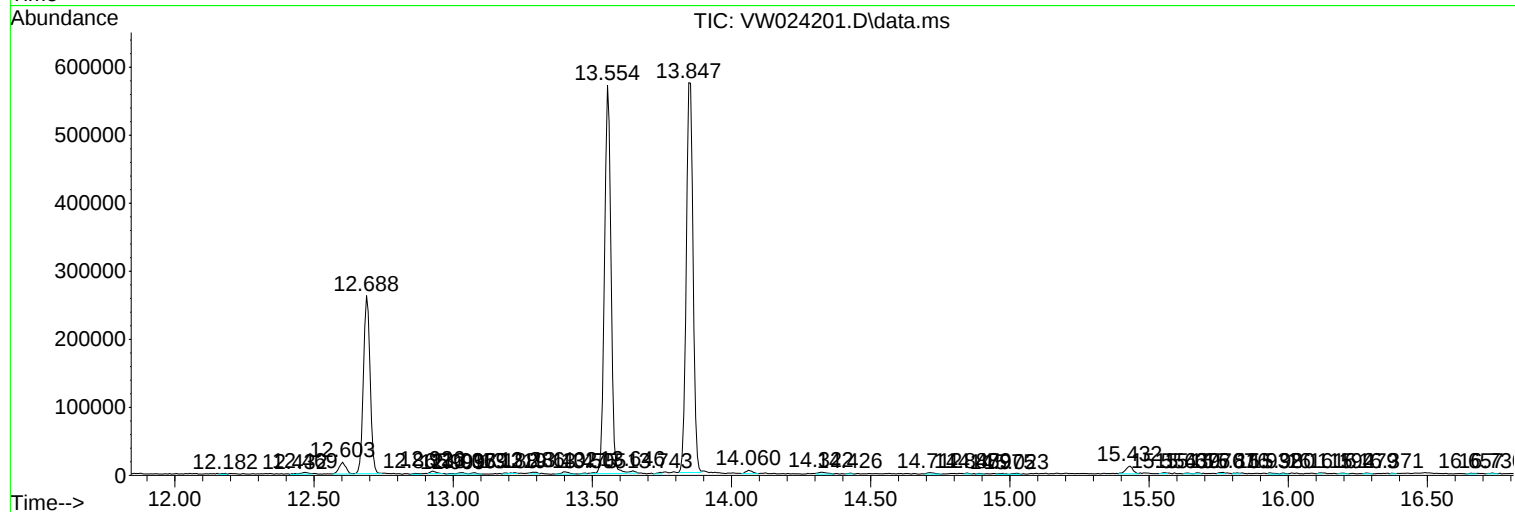
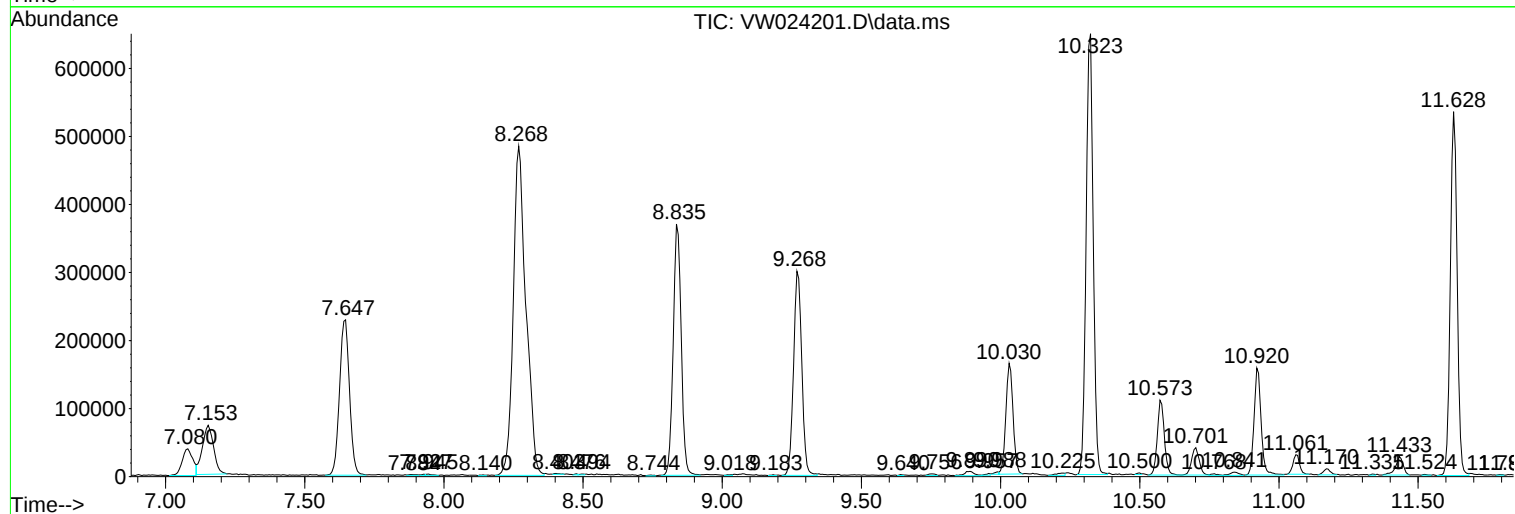
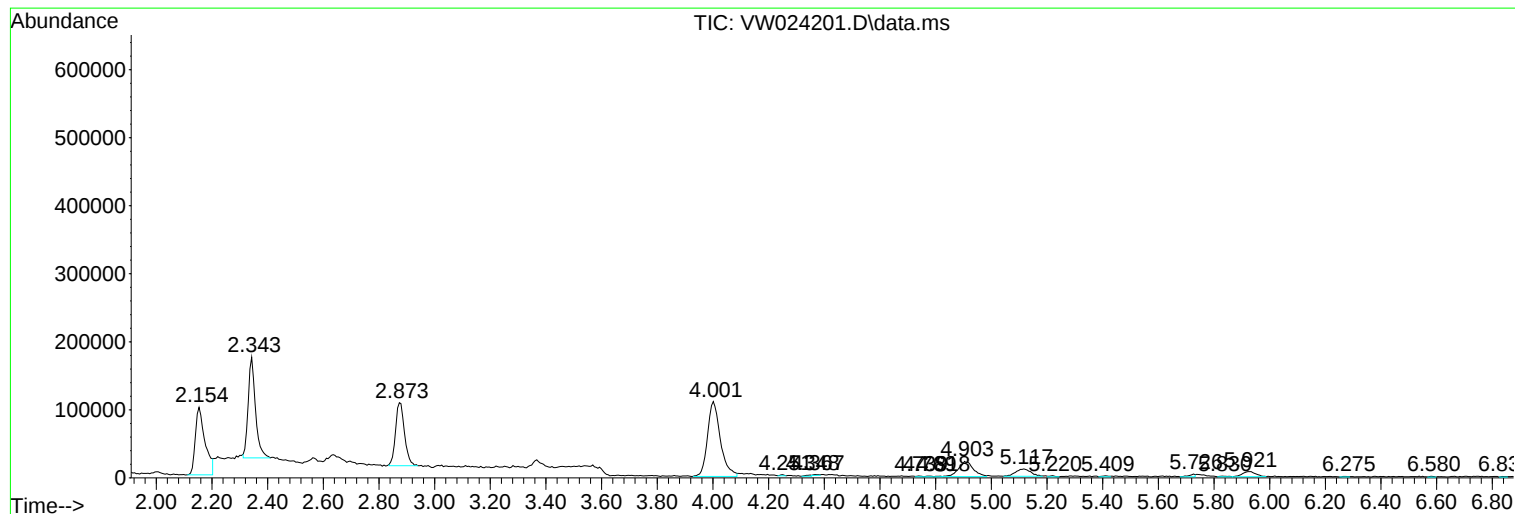
Sum of corrected areas: 10550050

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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



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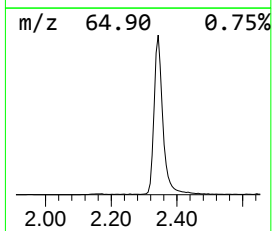
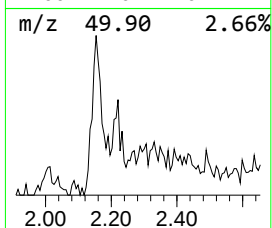
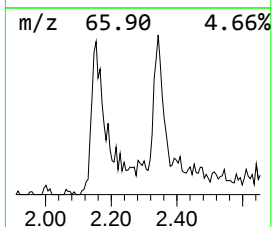
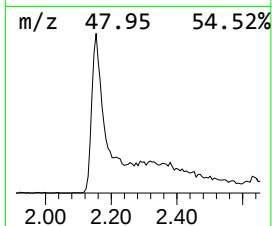
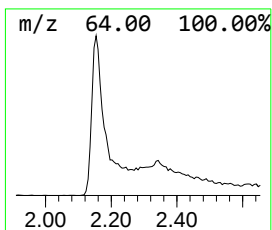
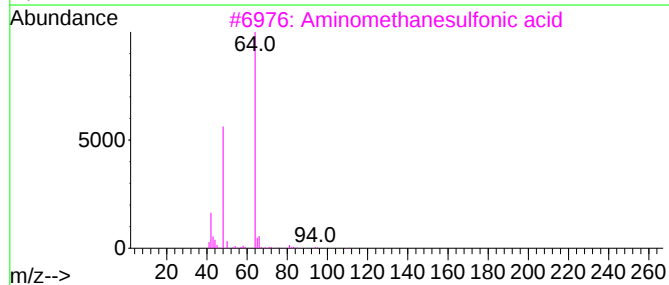
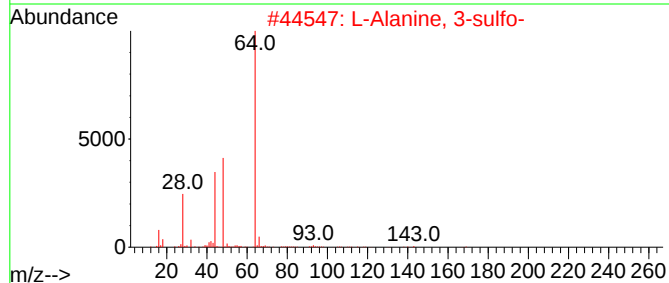
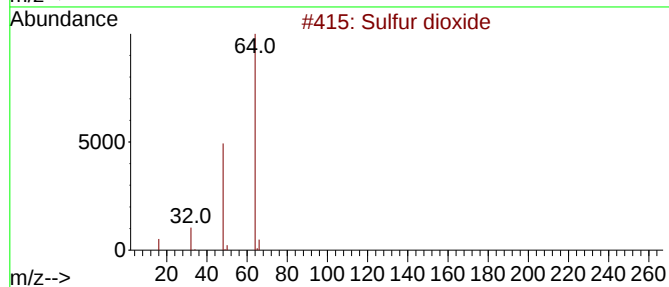
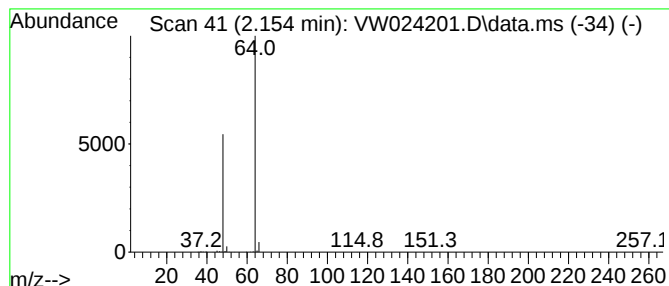
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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.
2.154	8.24 ug/L	242534	1,4-Difluorobenzene	8.835

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



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	2.154	8.2	ug/L	242534	1	8.835	735659	25.0