

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080822\
 Data File : VW024202.D
 Acq On : 08 Aug 2022 17:36
 Operator : SY/VA
 Sample : VIBLK530
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VIBLK530

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: VW024202.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	35	41	50	rBV	99157	238567	18.30%	2.475%
2	2.337	67	71	80	rVB	118777	203160	15.59%	2.107%
3	2.873	154	159	169	rVB	89356	189916	14.57%	1.970%
4	3.995	334	343	362	rBV2	115643	359438	27.57%	3.728%
5	4.312	393	395	397	rBV2	1406	1741	0.13%	0.018%
6	4.355	397	402	404	rVV6	2233	3818	0.29%	0.040%
7	4.763	467	469	470	rBV2	835	461	0.04%	0.005%
8	4.836	478	481	482	rBV2	1359	1610	0.12%	0.017%
9	4.909	482	493	507	rVB3	33798	121753	9.34%	1.263%
10	5.318	559	560	562	rBV2	476	476	0.04%	0.005%
11	5.464	582	584	587	rVB4	1309	928	0.07%	0.010%
12	5.598	605	606	608	rBV	752	484	0.04%	0.005%
13	5.671	617	618	621	rBV3	811	944	0.07%	0.010%
14	5.714	623	625	627	rBV3	1341	1528	0.12%	0.016%
15	5.873	648	651	652	rBV2	1045	1350	0.10%	0.014%
16	5.921	652	659	668	rVV7	11048	31084	2.38%	0.322%
17	6.001	670	672	675	rVB3	1670	1934	0.15%	0.020%
18	6.055	675	681	683	rBV4	1160	1788	0.14%	0.019%
19	6.080	683	685	688	rBV3	991	876	0.07%	0.009%
20	6.165	696	699	701	rBV3	1029	982	0.08%	0.010%
21	6.318	722	724	726	rVB3	553	403	0.03%	0.004%
22	6.354	726	730	732	rBV5	836	770	0.06%	0.008%
23	6.446	744	745	747	rBV2	604	594	0.05%	0.006%
24	6.494	751	753	757	rVV3	878	904	0.07%	0.009%
25	6.525	757	758	759	rVB	1076	394	0.03%	0.004%
26	6.549	759	762	765	rBV3	1130	1645	0.13%	0.017%
27	6.580	765	767	769	rBV2	990	970	0.07%	0.010%
28	6.671	779	782	785	rVB4	1039	1233	0.09%	0.013%
29	6.738	791	793	795	rBV2	1166	881	0.07%	0.009%
30	6.793	800	802	806	rVV4	796	906	0.07%	0.009%
31	6.830	806	808	810	rVB3	938	721	0.06%	0.007%
32	6.976	831	832	835	rBV3	905	1040	0.08%	0.011%
33	7.080	839	849	855	rBV	37474	103003	7.90%	1.068%
34	7.409	901	903	906	rBV4	1370	1382	0.11%	0.014%
35	7.519	918	921	922	rBV2	1181	998	0.08%	0.010%
36	7.641	932	941	953	rVB	218972	533405	40.92%	5.533%

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

37	7.890	981	982	985	rVB2	1612	830	0.06%	0.009%
38	8.037	1004	1006	1008	rBV2	1131	1077	0.08%	0.011%
39	8.092	1013	1015	1018	rVV4	1157	1436	0.11%	0.015%
40	8.122	1018	1020	1024	rVB3	970	1022	0.08%	0.011%

41	8.268	1030	1044	1059	rBV2	423455	1303522	100.00%	13.521%
42	8.561	1090	1092	1093	rBV2	1431	796	0.06%	0.008%
43	8.677	1109	1111	1113	rBV3	997	1066	0.08%	0.011%
44	8.842	1127	1138	1150	rBV	387949	794056	60.92%	8.237%
45	9.268	1199	1208	1220	rBV	282533	575391	44.14%	5.968%

46	9.384	1225	1227	1229	rBV3	766	937	0.07%	0.010%
47	9.482	1241	1243	1246	rBV3	703	471	0.04%	0.005%
48	9.604	1258	1263	1266	rBV6	1737	3721	0.29%	0.039%
49	9.658	1269	1272	1274	rBV4	1452	1523	0.12%	0.016%
50	9.756	1285	1288	1293	rVB7	1919	3399	0.26%	0.035%

51	9.793	1293	1294	1296	rBV2	994	833	0.06%	0.009%
52	9.884	1305	1309	1314	rBV6	2689	5535	0.42%	0.057%
53	9.963	1320	1322	1323	rBV2	1244	758	0.06%	0.008%
54	10.030	1323	1333	1343	rVV	146674	270881	20.78%	2.810%
55	10.219	1358	1364	1365	rBV6	2240	3699	0.28%	0.038%

56	10.323	1372	1381	1390	rBV	582461	1030894	79.09%	10.693%
57	10.579	1416	1423	1430	rBV	95413	170728	13.10%	1.771%
58	10.701	1437	1443	1449	rBV2	16703	29848	2.29%	0.310%
59	10.920	1473	1479	1492	rBV	140250	249938	19.17%	2.593%
60	11.061	1498	1502	1509	rVB	17519	28037	2.15%	0.291%

61	11.323	1540	1545	1546	rBV4	1240	1494	0.11%	0.015%
62	11.408	1554	1559	1560	rBV5	2633	3873	0.30%	0.040%
63	11.628	1587	1595	1605	rBV	574363	971131	74.50%	10.073%
64	11.920	1640	1643	1644	rBV3	871	777	0.06%	0.008%
65	12.012	1656	1658	1660	rBV2	1536	1247	0.10%	0.013%

66	12.134	1676	1678	1681	rBV3	1035	1248	0.10%	0.013%
67	12.219	1690	1692	1693	rBV2	540	403	0.03%	0.004%
68	12.262	1698	1699	1703	rVB4	972	887	0.07%	0.009%
69	12.317	1704	1708	1709	rBV3	714	846	0.06%	0.009%
70	12.469	1728	1733	1737	rVB8	2802	5637	0.43%	0.058%

71	12.560	1746	1748	1749	rBV	1094	688	0.05%	0.007%
72	12.603	1750	1755	1761	rVV3	9046	15984	1.23%	0.166%
73	12.688	1763	1769	1778	rVB	248408	408714	31.35%	4.240%
74	12.810	1786	1789	1790	rBV3	846	930	0.07%	0.010%
75	12.932	1805	1809	1816	rVB8	4182	6705	0.51%	0.070%

76	13.030	1821	1825	1828	rBV6	1805	2443	0.19%	0.025%
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Integrator: RTE

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

77	13.225	1855	1857	1859	rBV2	1576	1581	0.12%	0.016%
78	13.377	1878	1882	1883	rBV3	1049	1345	0.10%	0.014%
79	13.396	1883	1885	1891	rVB5	2088	3091	0.24%	0.032%
80	13.457	1894	1895	1896	rBV	1431	707	0.05%	0.007%
81	13.554	1904	1911	1922	rBV	613493	973208	74.66%	10.095%
82	13.853	1952	1960	1970	rBV	547265	907484	69.62%	9.413%
83	14.316	2034	2036	2041	rVB6	1873	2363	0.18%	0.025%
84	14.511	2066	2068	2071	rBV4	1381	1251	0.10%	0.013%
85	14.725	2099	2103	2109	rVB6	2858	4936	0.38%	0.051%
86	14.987	2142	2146	2148	rBV5	1095	1115	0.09%	0.012%
87	15.066	2157	2159	2162	rVB4	1162	686	0.05%	0.007%
88	15.249	2187	2189	2190	rBV2	786	694	0.05%	0.007%
89	15.316	2197	2200	2202	rBV4	1557	1995	0.15%	0.021%
90	15.432	2214	2219	2223	rVB3	7608	13069	1.00%	0.136%
91	16.072	2322	2324	2327	rVB3	1056	1044	0.08%	0.011%
92	16.163	2335	2339	2342	rBV6	1078	1665	0.13%	0.017%
93	16.188	2342	2343	2346	rBV3	1062	855	0.07%	0.009%
94	16.383	2373	2375	2377	rBV2	1143	1148	0.09%	0.012%
95	16.426	2380	2382	2383	rBV2	861	459	0.04%	0.005%
96	16.444	2383	2385	2386	rBV	979	729	0.06%	0.008%
97	16.578	2405	2407	2408	rBV2	1256	968	0.07%	0.010%
98	16.639	2415	2417	2419	rBV2	1031	842	0.06%	0.009%
99	16.736	2428	2433	2436	rBV4	1197	2268	0.17%	0.024%
100	16.767	2436	2438	2441	rBV3	1169	1572	0.12%	0.016%

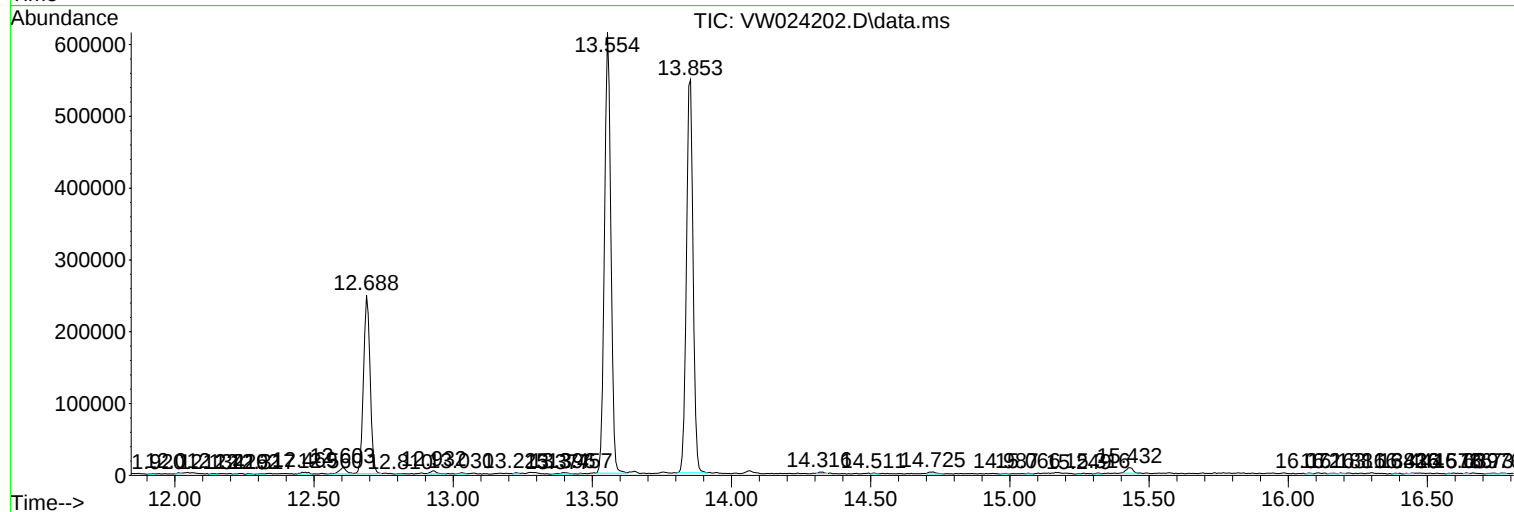
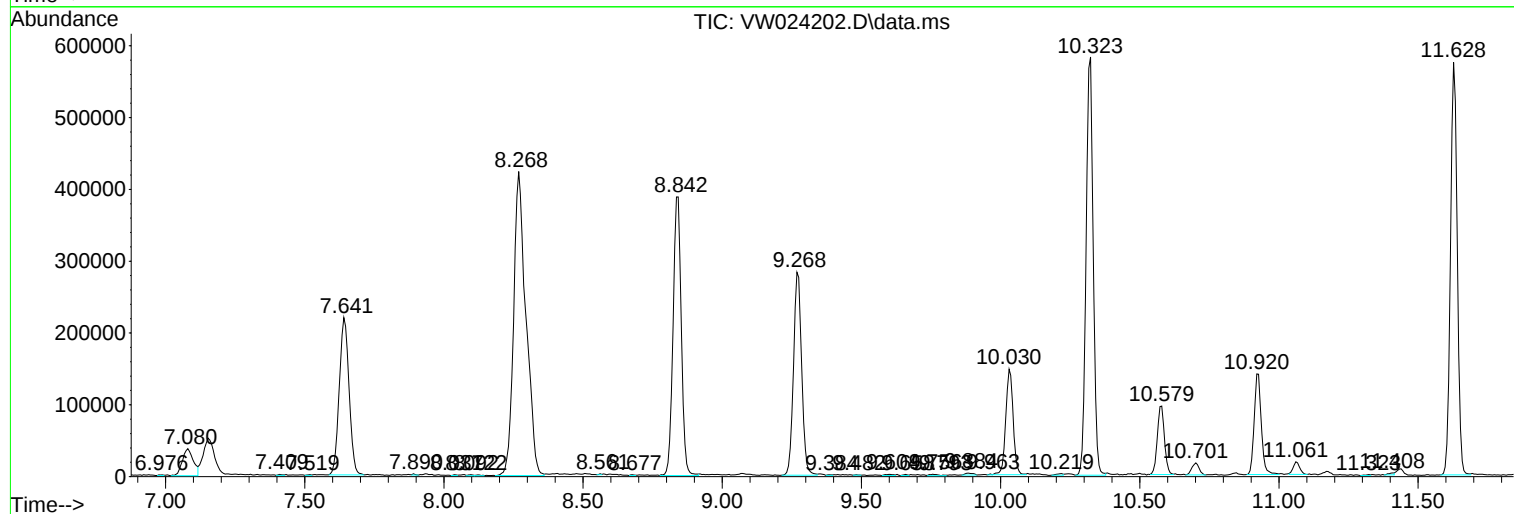
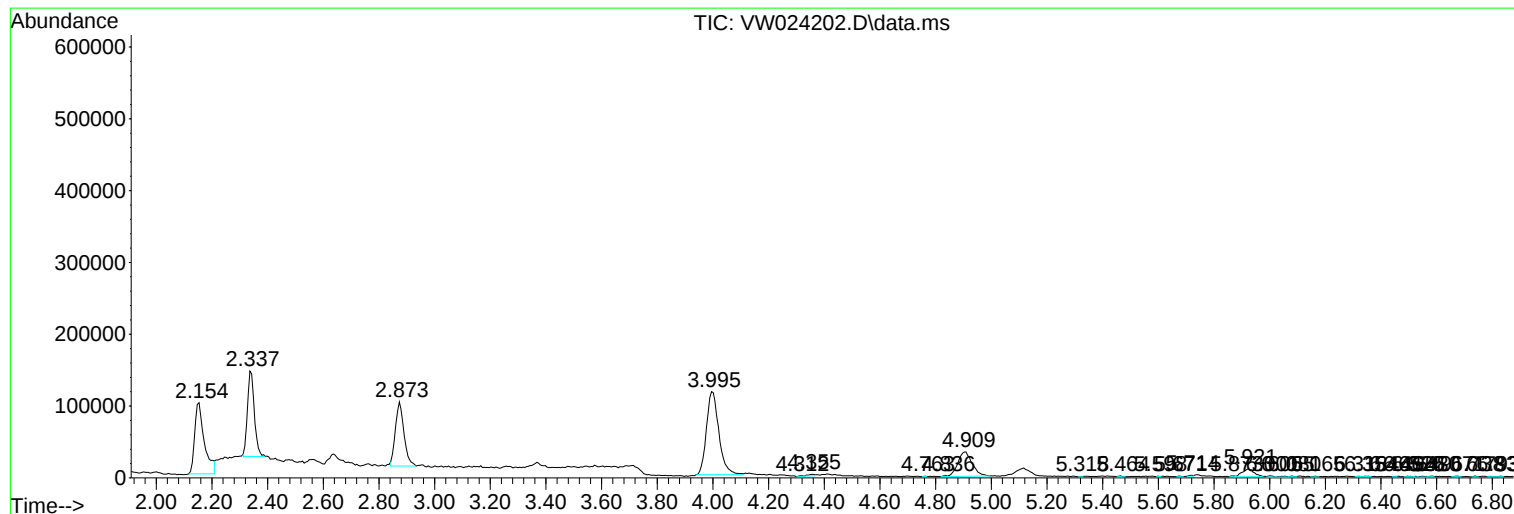
Sum of corrected areas: 9640567

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ALS Vial : 1 Sample Multiplier: 1

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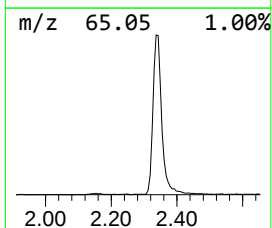
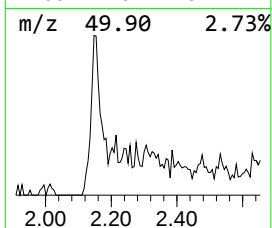
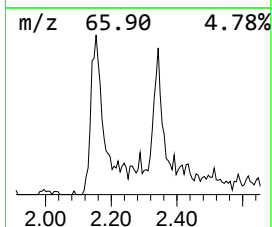
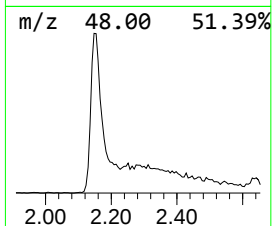
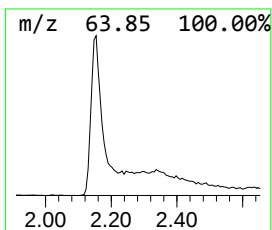
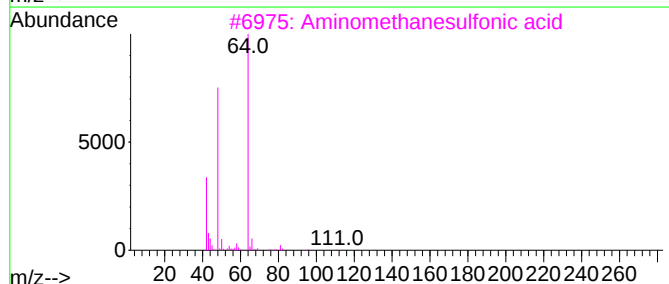
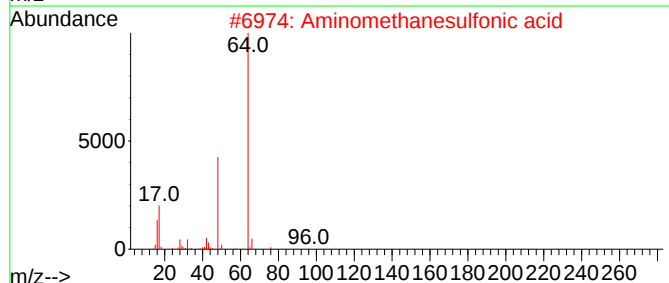
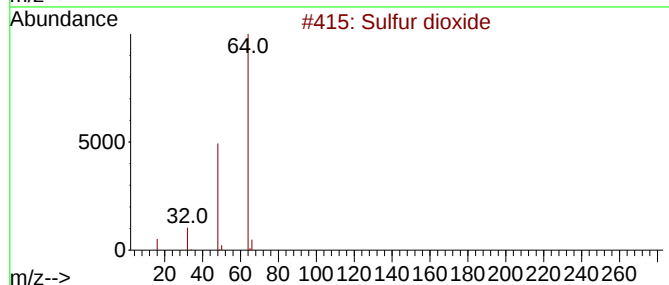
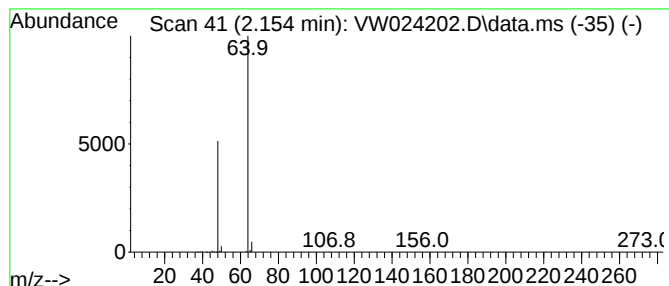
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM080422SMA.M
Quant Title : SFAM01.0

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	7.51 ug/L	238567	1,4-Difluorobenzene	8.842

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	25
4			L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	2.154	7.5	ug/L	238567	1	8.842	794056	25.0