

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052422\
 Data File : VW023277.D
 Acq On : 24 May 2022 17:11
 Operator : SY/VA
 Sample : N2996-14
 Misc : 4.47g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBGT5

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: VW023277.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	56	rBV	377350	1207582	100.00%	10.156%
2	4.019	337	347	359	rBV	105278	320309	26.52%	2.694%
3	4.288	389	391	394	rVB3	1607	1209	0.10%	0.010%
4	4.318	394	396	398	rBV3	1010	1027	0.09%	0.009%
5	4.647	448	450	452	rBV3	1493	1182	0.10%	0.010%
6	4.849	481	483	485	rVB3	1206	906	0.08%	0.008%
7	4.909	485	493	503	rBV3	11047	38397	3.18%	0.323%
8	5.275	549	553	554	rVB3	1145	869	0.07%	0.007%
9	5.287	554	555	557	rVB2	622	438	0.04%	0.004%
10	5.306	557	558	559	rBV	1173	684	0.06%	0.006%
11	5.355	564	566	567	rBV2	689	510	0.04%	0.004%
12	5.397	571	573	574	rVB2	994	664	0.05%	0.006%
13	5.415	574	576	577	rBV	1496	905	0.07%	0.008%
14	5.568	600	601	602	rBV	886	451	0.04%	0.004%
15	5.604	605	607	608	rBV	1359	802	0.07%	0.007%
16	5.623	608	610	614	rBV4	1118	1260	0.10%	0.011%
17	5.672	616	618	622	rVB3	1230	1393	0.12%	0.012%
18	5.720	622	626	628	rBV4	594	757	0.06%	0.006%
19	5.879	650	652	654	rBV2	924	780	0.06%	0.007%
20	5.903	654	656	657	rBV2	1775	1038	0.09%	0.009%
21	6.062	680	682	683	rBV2	853	633	0.05%	0.005%
22	6.110	688	690	693	rVV3	698	794	0.07%	0.007%
23	6.141	693	695	698	rVV4	1053	851	0.07%	0.007%
24	6.287	715	719	722	rVB4	938	1439	0.12%	0.012%
25	6.324	722	725	726	rBV3	1396	1354	0.11%	0.011%
26	6.476	748	750	751	rVB2	1118	673	0.06%	0.006%
27	6.488	751	752	754	rBV	1624	956	0.08%	0.008%
28	6.556	761	763	765	rBV3	1295	1430	0.12%	0.012%
29	6.598	768	770	772	rVV2	1780	1692	0.14%	0.014%
30	6.623	772	774	777	rVB3	1394	1226	0.10%	0.010%
31	6.659	777	780	782	rBV3	649	893	0.07%	0.008%
32	6.690	782	785	787	rVB4	1385	1466	0.12%	0.012%
33	6.726	789	791	792	rVB	992	546	0.05%	0.005%
34	6.738	792	793	796	rBV3	736	584	0.05%	0.005%
35	6.763	796	797	798	rBV	939	410	0.03%	0.003%
36	6.842	808	810	811	rBV2	889	453	0.04%	0.004%

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

37	6.915	821	822	824	rBV2	902	456	0.04%	0.004%
38	6.946	826	827	829	rBV	894	504	0.04%	0.004%
39	6.964	829	830	832	rBV2	1074	675	0.06%	0.006%
40	7.013	836	838	839	rVB	1013	652	0.05%	0.005%
41	7.080	839	849	856	rBV	41787	128530	10.64%	1.081%
42	7.257	872	878	888	rVB2	15791	39556	3.28%	0.333%
43	7.647	933	942	953	rBV	219618	535554	44.35%	4.504%
44	7.799	964	967	968	rVB3	1235	1111	0.09%	0.009%
45	8.104	1015	1017	1022	rVB4	1424	1395	0.12%	0.012%
46	8.147	1022	1024	1027	rBV2	655	848	0.07%	0.007%
47	8.171	1027	1028	1030	rBV2	1502	746	0.06%	0.006%
48	8.195	1030	1032	1034	rVB3	1044	1018	0.08%	0.009%
49	8.275	1036	1045	1061	rBV2	391009	1180771	97.78%	9.930%
50	8.488	1079	1080	1081	rBV	1530	859	0.07%	0.007%
51	8.622	1100	1102	1106	rVB4	1285	1437	0.12%	0.012%
52	8.659	1106	1108	1109	rBV	1297	838	0.07%	0.007%
53	8.750	1121	1123	1124	rBV2	910	673	0.06%	0.006%
54	8.842	1130	1138	1148	rVB	410246	801848	66.40%	6.744%
55	9.037	1167	1170	1172	rBV4	1427	1970	0.16%	0.017%
56	9.165	1189	1191	1194	rBV4	1055	961	0.08%	0.008%
57	9.195	1194	1196	1198	rVB2	1318	979	0.08%	0.008%
58	9.275	1201	1209	1225	rVV	287153	581866	48.18%	4.894%
59	9.653	1268	1271	1274	rBV4	1648	2690	0.22%	0.023%
60	9.732	1282	1284	1288	rVB5	1737	1635	0.14%	0.014%
61	9.842	1300	1302	1303	rBV2	659	441	0.04%	0.004%
62	9.860	1303	1305	1306	rVB2	1099	695	0.06%	0.006%
63	9.884	1307	1309	1311	rBV2	874	661	0.05%	0.006%
64	10.037	1325	1334	1344	rBV	150088	279922	23.18%	2.354%
65	10.323	1374	1381	1388	rBV	555991	968910	80.24%	8.149%
66	10.579	1417	1423	1430	rBV	97492	170642	14.13%	1.435%
67	10.701	1436	1443	1455	rVB	169789	310912	25.75%	2.615%
68	10.854	1465	1468	1472	rBV5	1462	2396	0.20%	0.020%
69	10.921	1474	1479	1489	rVB	178393	306959	25.42%	2.582%
70	11.067	1501	1503	1510	rVB7	5137	7804	0.65%	0.066%
71	11.274	1535	1537	1538	rBV	992	520	0.04%	0.004%
72	11.384	1551	1555	1559	rBV5	1406	2561	0.21%	0.022%
73	11.494	1570	1573	1578	rVB7	1015	1828	0.15%	0.015%
74	11.628	1588	1595	1606	rBV	619810	1054850	87.35%	8.871%
75	11.780	1619	1620	1624	rBV4	1263	1231	0.10%	0.010%
76	11.994	1652	1655	1657	rVB3	576	493	0.04%	0.004%

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 Title : SFAM01.0

77	12.012	1657	1658	1660	rBV2	888	646	0.05%	0.005%
78	12.042	1660	1663	1664	rBV2	1318	1687	0.14%	0.014%
79	12.554	1745	1747	1748	rBV2	1299	822	0.07%	0.007%
80	12.603	1748	1755	1763	rVV2	669452	1090172	90.28%	9.168%
81	12.689	1763	1769	1777	rVB	276722	462445	38.30%	3.889%
82	12.835	1789	1793	1794	rBV4	977	1474	0.12%	0.012%
83	13.396	1881	1885	1892	rBV9	3725	7756	0.64%	0.065%
84	13.554	1904	1911	1920	rBV	667906	1070739	88.67%	9.005%
85	13.646	1922	1926	1934	rVB3	17668	29611	2.45%	0.249%
86	13.853	1953	1960	1967	rBV	549314	931091	77.10%	7.831%
87	14.066	1989	1995	2003	rVB2	161388	262778	21.76%	2.210%
88	14.322	2033	2037	2046	rBV7	8119	14821	1.23%	0.125%
89	14.578	2078	2079	2081	rBV2	885	523	0.04%	0.004%
90	14.713	2099	2101	2105	rVB5	1725	1251	0.10%	0.011%
91	14.786	2110	2113	2116	rBV5	1866	2945	0.24%	0.025%
92	14.902	2130	2132	2134	rVB3	1033	795	0.07%	0.007%
93	15.017	2150	2151	2155	rBV4	1259	1498	0.12%	0.013%
94	15.054	2155	2157	2160	rBV2	1225	1577	0.13%	0.013%
95	15.322	2199	2201	2202	rBV2	778	508	0.04%	0.004%
96	15.481	2223	2227	2233	rBV	5200	8335	0.69%	0.070%
97	16.096	2327	2328	2330	rBV2	1572	1039	0.09%	0.009%
98	16.212	2345	2347	2348	rBV2	1175	1256	0.10%	0.011%
99	16.432	2382	2383	2384	rBV	1103	566	0.05%	0.005%
100	16.554	2401	2403	2406	rBV4	1149	1146	0.09%	0.010%

Sum of corrected areas: 11890441

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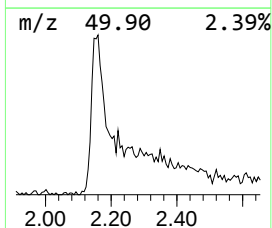
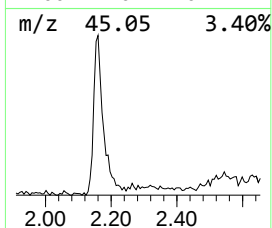
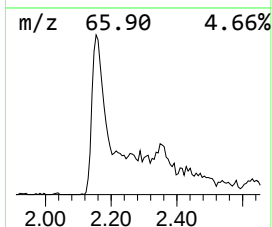
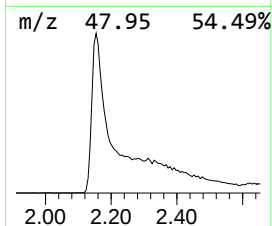
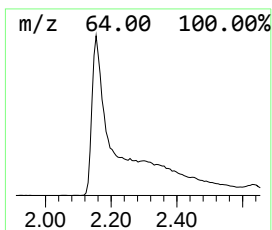
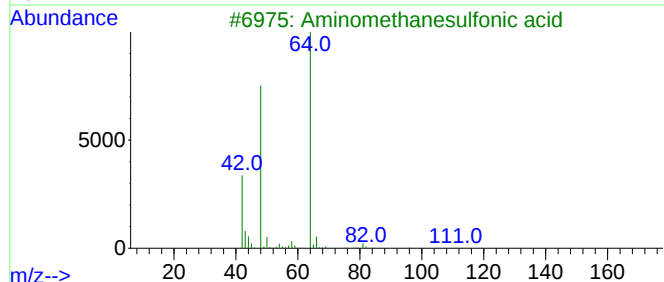
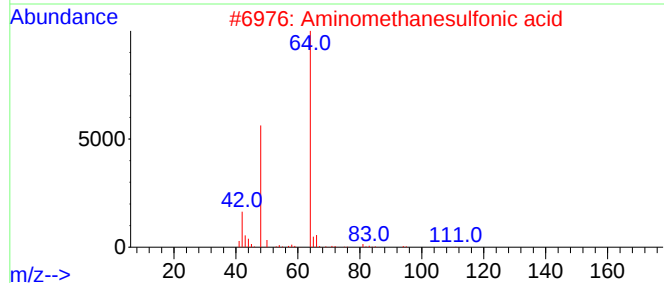
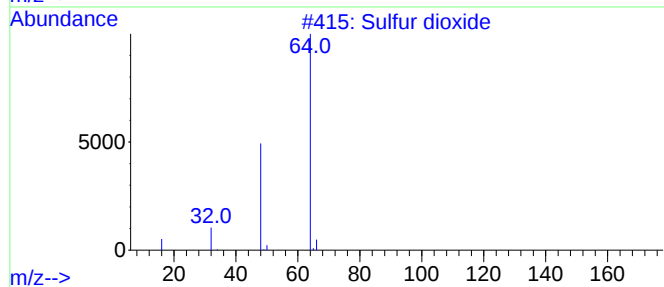
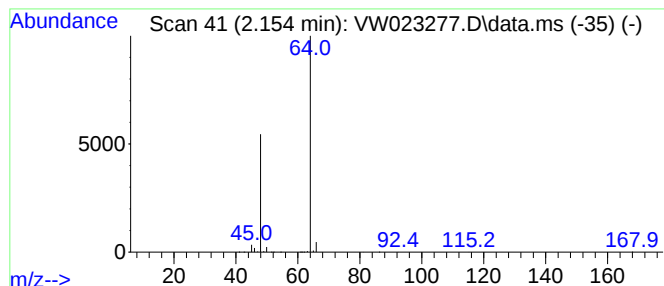
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
Quant Title : SFAM01.0

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	37.65 ug/L	1207580	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	9
3			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
4			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5			L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	2.154	37.6	ug/L	1207580	1	8.842	801848	25.0