LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082924\
Data File : VW030105.D
Acq On : 29 Aug 2024 17:20
Operator : SY/MD
Sample : VIBLK521
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK521

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\SFAMWLM082624SMA.M
Title : SFAM01.0

Signal : TIC: VW030105.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.149	38	43	55	rBV	49742	181347	23.74%	3.287%
2	3.490	259	263	264	rBV2	258	386	0.05%	0.007%
3	3.868	323	325	328	rVB2	504	405	0.05%	0.007%
4	3.935	335	336	338	rBV2	369	208	0.03%	0.004%
5	4.021	340	350	375	rVV	76308	249818	32.71%	4.528%
6	4.368	405	407	408	rBV	367	317	0.04%	0.006%
7	4.387	408	410	411	rBV	503	375	0.05%	0.007%
8	4.746	467	469	472	rVB3	347	339	0.04%	0.006%
9	4.795	472	477	479	rBV	303	410	0.05%	0.007%
10	4.923	488	498	513	rBV2	8466	29501	3.86%	0.535%
11	5.161	536	537	541	rVB2	245	209	0.03%	0.004%
12	5.319	561	563	565	rVB2	324	249	0.03%	0.005%
13	5.484	589	590	593	rBV2	242	213	0.03%	0.004%
14	5.624	609	613	617	rVB2	170	253	0.03%	0.005%
15	5.716	626	628	630	rBV	332	234	0.03%	0.004%
16	5.947	657	666	675	rVV4	4832	15253	2.00%	0.276%
17	6.112	691	693	696	rBV2	233	269	0.04%	0.005%
18	6.179	700	704	707	rVB2	221	316	0.04%	0.006%
19	6.270	715	719	721	rBV	270	278	0.04%	0.005%
20	6.703	789	790	794	rBV	361	234	0.03%	0.004%
21	6.740	794	796	799	rVB2	247	207	0.03%	0.004%
22	6.862	814	816	819	rBV3	165	236	0.03%	0.004%
23	6.917	823	825	827	rBV2	233	227	0.03%	0.004%
24	7.075	843	851	873	rBV2	19636	62943	8.24%	1.141%
25	7.526	923	925	930	rVB	230	253	0.03%	0.005%
26	7.648	932	945	959	rBV	132658	332263	43.50%	6.023%
27	7.862	978	980	983	rVB2	300	249	0.03%	0.005%
28	7.916	986	989	992	rBV2	161	254	0.03%	0.005%
29	7.959	992	996	997	rVV2	287	360	0.05%	0.007%
30	8.063	1010	1013	1016	rBV2	238	255	0.03%	0.005%
31	8.276	1038	1048	1065	rBV2	261609	763811	100.00%	13.845%
32	8.416	1069	1071	1077	rVV3	509	735	0.10%	0.013%
33	8.471	1077	1080	1082	rVV2	376	328	0.04%	0.006%
34	8.496	1082	1084	1087	rVV2	397	297	0.04%	0.005%
35	8.526	1087	1089	1091	rVB3	252	211	0.03%	0.004%
36	8.630	1104	1106	1109	rBV	387	309	0.04%	0.006%

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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK521

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\SFAMWLM082624SMA.M
Title : SFAM01.0

37	8.678	1112	1114	1116	rBV2	322	334	0.04%	0.006%
38	8.727	1120	1122	1125	rBV2	261	227	0.03%	0.004%
39	8.843	1132	1141	1152	rBV	251287	503457	65.91%	9.126%
40	9.014	1168	1169	1172	rVB2	342	220	0.03%	0.004%
41	9.081	1176	1180	1184	rVB4	1085	1601	0.21%	0.029%
42	9.270	1203	1211	1229	rBV	177664	371208	48.60%	6.728%
43	9.434	1236	1238	1241	rVB2	334	267	0.03%	0.005%
44	9.508	1249	1250	1254	rBV2	253	225	0.03%	0.004%
45	9.605	1265	1266	1270	rBV2	253	219	0.03%	0.004%
46	9.648	1271	1273	1274	rBV	291	210	0.03%	0.004%
47	9.758	1286	1291	1295	rBV4	831	1365	0.18%	0.025%
48	9.892	1307	1313	1318	rBV4	2604	4338	0.57%	0.079%
49	10.032	1329	1336	1345	rBV	86005	156098	20.44%	2.829%
50	10.190	1360	1362	1364	rVB2	372	343	0.04%	0.006%
51	10.239	1364	1370	1375	rBV5	1131	2448	0.32%	0.044%
52	10.324	1375	1384	1393	rBV	351902	622012	81.44%	11.274%
53	10.453	1403	1405	1407	rBV3	655	799	0.10%	0.014%
54	10.574	1418	1425	1436	rBV	56784	98262	12.86%	1.781%
55	10.702	1439	1446	1455	rVB2	15789	28920	3.79%	0.524%
56	10.922	1475	1482	1496	rBV	82722	147430	19.30%	2.672%
57	11.282	1540	1541	1545	rBV2	326	446	0.06%	0.008%
58	11.318	1545	1547	1551	rVV2	326	465	0.06%	0.008%
59	11.404	1557	1561	1562	rBV2	404	387	0.05%	0.007%
60	11.452	1566	1569	1572	rBV2	280	412	0.05%	0.007%
61	11.501	1575	1577	1579	rBV3	298	280	0.04%	0.005%
62	11.629	1587	1598	1608	rBV	364480	618861	81.02%	11.217%
63	11.830	1628	1631	1637	rVB5	598	1128	0.15%	0.020%
64	11.903	1641	1643	1645	rVB2	275	228	0.03%	0.004%
65	12.166	1682	1686	1690	rBV4	561	941	0.12%	0.017%
66	12.269	1700	1703	1704	rBV2	378	381	0.05%	0.007%
67	12.440	1727	1731	1732	rBV	530	621	0.08%	0.011%
68	12.538	1744	1747	1749	rBV2	239	227	0.03%	0.004%
69	12.598	1751	1757	1763	rVV	12458	20711	2.71%	0.375%
70	12.690	1764	1772	1780	rBV	133238	221620	29.02%	4.017%
71	12.903	1805	1807	1808	rBV	375	367	0.05%	0.007%
72	12.934	1808	1812	1815	rVB3	613	995	0.13%	0.018%
73	13.037	1826	1829	1831	rBV2	254	221	0.03%	0.004%
74	13.086	1834	1837	1842	rBV3	347	535	0.07%	0.010%
75	13.135	1842	1845	1847	rBV2	240	280	0.04%	0.005%
76	13.324	1874	1876	1880	rVB2	303	293	0.04%	0.005%

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Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Title : SFAM01.0

77	13.379	1880	1885	1886	rBV	495	559	0.07%	0.010%
78	13.495	1901	1904	1907	rBV4	881	1057	0.14%	0.019%
79	13.556	1907	1914	1926	rVV	336365	528002	69.13%	9.570%
80	13.848	1955	1962	1973	rBV	308087	490650	64.24%	8.893%
81	14.062	1991	1997	2002	rBV	11982	19639	2.57%	0.356%
82	14.324	2035	2040	2044	rBV3	1277	2247	0.29%	0.041%
83	14.373	2046	2048	2051	rVV3	399	461	0.06%	0.008%
84	14.415	2053	2055	2056	rVB2	332	213	0.03%	0.004%
85	14.543	2075	2076	2078	rVB	417	263	0.03%	0.005%
86	14.574	2078	2081	2082	rBV2	348	352	0.05%	0.006%
87	14.665	2094	2096	2099	rBV3	271	259	0.03%	0.005%
88	14.714	2103	2104	2108	rBV3	362	456	0.06%	0.008%
89	14.811	2119	2120	2122	rBV2	397	279	0.04%	0.005%
90	14.921	2136	2138	2140	rBV3	370	294	0.04%	0.005%
91	15.177	2175	2180	2184	rBV6	609	1117	0.15%	0.020%
92	15.311	2200	2202	2204	rVB2	432	338	0.04%	0.006%
93	15.421	2218	2220	2225	rVV3	1202	1461	0.19%	0.026%
94	15.476	2225	2229	2235	rVB2	6677	11128	1.46%	0.202%
95	15.756	2272	2275	2276	rBV2	509	460	0.06%	0.008%
96	15.775	2276	2278	2283	rVB4	971	1703	0.22%	0.031%
97	15.939	2302	2305	2311	rVB4	791	1542	0.20%	0.028%
98	16.037	2319	2321	2325	rBV4	630	794	0.10%	0.014%
99	16.329	2367	2369	2372	rBV3	457	466	0.06%	0.008%
100	16.525	2400	2401	2403	rBV2	383	322	0.04%	0.006%

Sum of corrected areas: 5516996

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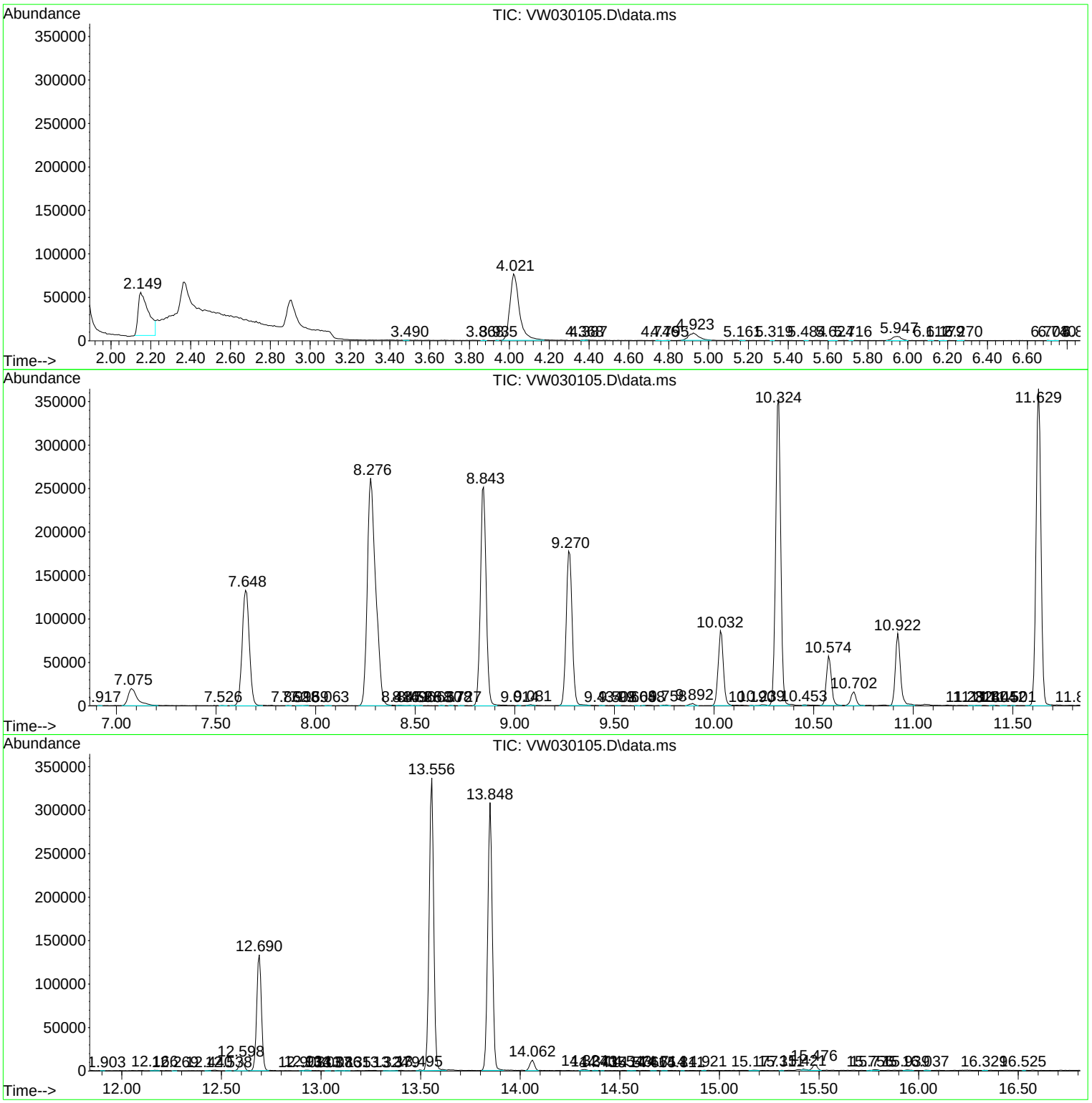
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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



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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

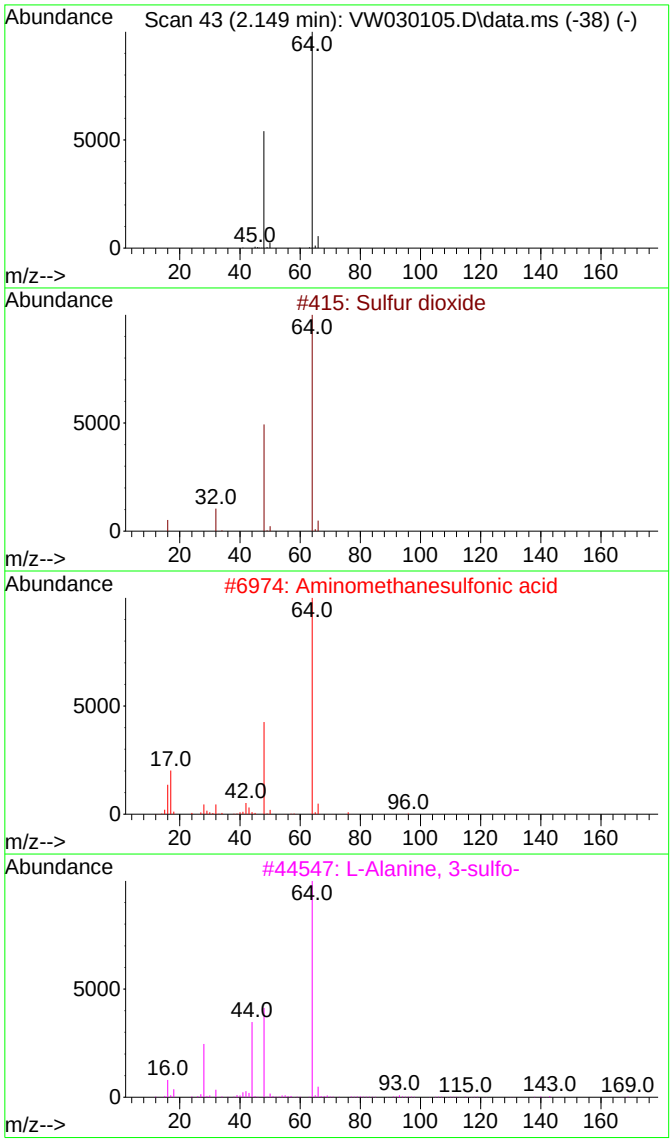
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

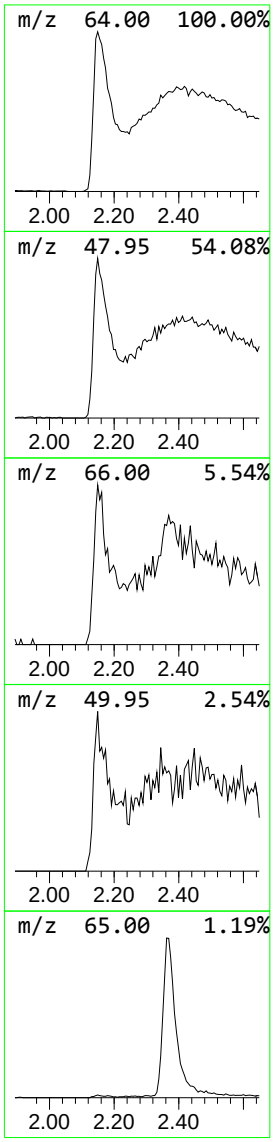
****

Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.149	9.01 ug/L	181347	1,4-Difluorobenzene	8.837

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	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5	Sulfur dioxide	64	O2S	007446-09-5	5





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	2.149	9.0	ug/L	181347	1	8.837	503457	25.0