LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082924\
Data File : VW030103.D
Acq On : 29 Aug 2024 16:33
Operator : SY/MD
Sample : VIBLK520
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK520

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: VW030103.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	56	rBV	66093	259009	31.45%	4.166%
2	3.887	326	328	335	rBV3	286	520	0.06%	0.008%
3	4.021	339	350	367	rBV	85518	269549	32.73%	4.336%
4	4.375	403	408	410	rBV4	744	1069	0.13%	0.017%
5	4.515	429	431	432	rBV	439	202	0.02%	0.003%
6	4.923	486	498	511	rBV2	10263	38095	4.63%	0.613%
7	5.125	529	531	532	rBV2	412	323	0.04%	0.005%
8	5.435	581	582	584	rVV	353	284	0.03%	0.005%
9	5.679	620	622	626	rVB2	246	295	0.04%	0.005%
10	5.716	626	628	632	rBV2	209	293	0.04%	0.005%
11	5.759	632	635	637	rVV	188	233	0.03%	0.004%
12	5.948	655	666	676	rBV5	6277	18784	2.28%	0.302%
13	6.021	676	678	680	rVB	409	333	0.04%	0.005%
14	6.045	680	682	683	rBV2	317	217	0.03%	0.003%
15	6.210	705	709	710	rBV	269	313	0.04%	0.005%
16	6.240	710	714	715	rVB2	254	204	0.02%	0.003%
17	6.362	731	734	736	rBV3	242	228	0.03%	0.004%
18	6.460	746	750	754	rBV2	197	281	0.03%	0.005%
19	6.697	786	789	791	rBV	294	376	0.05%	0.006%
20	6.764	795	800	803	rVV3	372	510	0.06%	0.008%
21	6.807	803	807	809	rVV3	318	471	0.06%	0.008%
22	6.899	816	822	823	rVB2	433	579	0.07%	0.009%
23	6.929	823	827	828	rBV2	224	228	0.03%	0.004%
24	7.075	841	851	871	rBV	21658	70725	8.59%	1.138%
25	7.368	895	899	901	rBV2	335	316	0.04%	0.005%
26	7.514	920	923	928	rVB3	405	605	0.07%	0.010%
27	7.557	928	930	932	rBV	341	301	0.04%	0.005%
28	7.648	935	945	958	rBV	141415	349644	42.45%	5.624%
29	7.874	980	982	987	rVB2	442	473	0.06%	0.008%
30	7.984	999	1000	1004	rVB3	313	311	0.04%	0.005%
31	8.026	1004	1007	1010	rBV2	368	493	0.06%	0.008%
32	8.276	1036	1048	1064	rBV2	276637	823569	100.00%	13.248%
33	8.593	1098	1100	1101	rBV	382	217	0.03%	0.003%
34	8.630	1104	1106	1109	rVB2	484	499	0.06%	0.008%
35	8.843	1131	1141	1157	rVV	296298	599759	72.82%	9.647%
36	8.977	1160	1163	1166	rBV3	356	440	0.05%	0.007%

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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK520

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	9.069	1176	1178	1179	rBV	847	728	0.09%	0.012%
38	9.191	1194	1198	1200	rBV2	260	317	0.04%	0.005%
39	9.270	1202	1211	1226	rBV	191589	396006	48.08%	6.370%
40	9.465	1241	1243	1245	rVB2	389	293	0.04%	0.005%
41	9.587	1260	1263	1267	rVB2	332	470	0.06%	0.008%
42	9.618	1267	1268	1271	rBV2	237	258	0.03%	0.004%
43	9.666	1274	1276	1281	rVB4	402	451	0.05%	0.007%
44	9.892	1304	1313	1318	rBV6	3588	7607	0.92%	0.122%
45	9.953	1321	1323	1326	rBV2	300	244	0.03%	0.004%
46	10.032	1328	1336	1350	rBV	95820	177726	21.58%	2.859%
47	10.246	1366	1371	1376	rVB3	1684	2712	0.33%	0.044%
48	10.325	1376	1384	1393	rBV	387930	684682	83.14%	11.013%
49	10.508	1413	1414	1418	rVB4	373	484	0.06%	0.008%
50	10.575	1418	1425	1436	rBV	62422	110031	13.36%	1.770%
51	10.703	1439	1446	1454	rVB2	16359	29403	3.57%	0.473%
52	10.861	1470	1472	1475	rBV3	758	837	0.10%	0.013%
53	10.922	1475	1482	1498	rBV	85200	155241	18.85%	2.497%
54	11.166	1520	1522	1524	rBV2	371	347	0.04%	0.006%
55	11.343	1549	1551	1553	rBV3	328	283	0.03%	0.005%
56	11.361	1553	1554	1557	rVB2	495	366	0.04%	0.006%
57	11.398	1557	1560	1563	rBV2	453	545	0.07%	0.009%
58	11.489	1573	1575	1579	rVB3	433	431	0.05%	0.007%
59	11.526	1579	1581	1583	rBV	266	226	0.03%	0.004%
60	11.556	1583	1586	1590	rVB3	503	583	0.07%	0.009%
61	11.629	1590	1598	1612	rBV	446164	728543	88.46%	11.719%
62	11.812	1626	1628	1629	rBV2	433	345	0.04%	0.006%
63	11.843	1629	1633	1634	rVV4	444	585	0.07%	0.009%
64	12.105	1674	1676	1678	rBV	221	215	0.03%	0.003%
65	12.123	1678	1679	1683	rVV2	189	207	0.03%	0.003%
66	12.166	1683	1686	1690	rVV3	572	766	0.09%	0.012%
67	12.337	1712	1714	1717	rBV2	219	258	0.03%	0.004%
68	12.434	1727	1730	1731	rBV2	189	216	0.03%	0.003%
69	12.471	1731	1736	1738	rBV3	1069	1407	0.17%	0.023%
70	12.495	1738	1740	1742	rVB	494	436	0.05%	0.007%
71	12.526	1742	1745	1746	rBV	345	395	0.05%	0.006%
72	12.599	1752	1757	1764	rVB3	10674	18549	2.25%	0.298%
73	12.690	1764	1772	1781	rBV	142745	232852	28.27%	3.746%
74	12.812	1790	1792	1795	rBV2	215	242	0.03%	0.004%
75	12.879	1800	1803	1805	rBV3	595	635	0.08%	0.010%
76	12.995	1819	1822	1827	rBV3	251	396	0.05%	0.006%

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ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK520

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Stop Thrs : 0 Peak Location: TOP

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Title : SFAM01.0

77	13.062	1830	1833	1836	rVB2	373	338	0.04%	0.005%
78	13.093	1836	1838	1839	rBV2	304	212	0.03%	0.003%
79	13.184	1848	1853	1856	rBV3	433	584	0.07%	0.009%
80	13.349	1877	1880	1882	rBB	210	206	0.03%	0.003%
81	13.391	1882	1887	1889	rBV3	608	993	0.12%	0.016%
82	13.464	1894	1899	1902	rBV3	269	460	0.06%	0.007%
83	13.495	1902	1904	1907	rBV3	969	1180	0.14%	0.019%
84	13.556	1907	1914	1927	rBV	399925	650614	79.00%	10.465%
85	13.849	1955	1962	1969	rBV	335153	537261	65.24%	8.642%
86	14.056	1991	1996	2002	rVB2	8735	14209	1.73%	0.229%
87	14.318	2035	2039	2045	rVB6	1697	2800	0.34%	0.045%
88	14.440	2057	2059	2061	rVB2	434	274	0.03%	0.004%
89	14.781	2114	2115	2121	rVB2	483	501	0.06%	0.008%
90	14.946	2140	2142	2146	rBV4	363	550	0.07%	0.009%
91	14.983	2146	2148	2153	rVB2	520	562	0.07%	0.009%
92	15.068	2160	2162	2163	rBV2	269	219	0.03%	0.004%
93	15.171	2177	2179	2181	rBV2	558	391	0.05%	0.006%
94	15.312	2200	2202	2204	rBV3	451	288	0.03%	0.005%
95	15.342	2206	2207	2209	rBV	537	309	0.04%	0.005%
96	15.360	2209	2210	2213	rVV2	475	351	0.04%	0.006%
97	15.476	2224	2229	2234	rVB2	3686	6641	0.81%	0.107%
98	15.671	2259	2261	2262	rBV2	650	496	0.06%	0.008%
99	15.787	2277	2280	2283	rVB5	656	858	0.10%	0.014%
100	16.208	2348	2349	2351	rBV	476	399	0.05%	0.006%

Sum of corrected areas: 6216762

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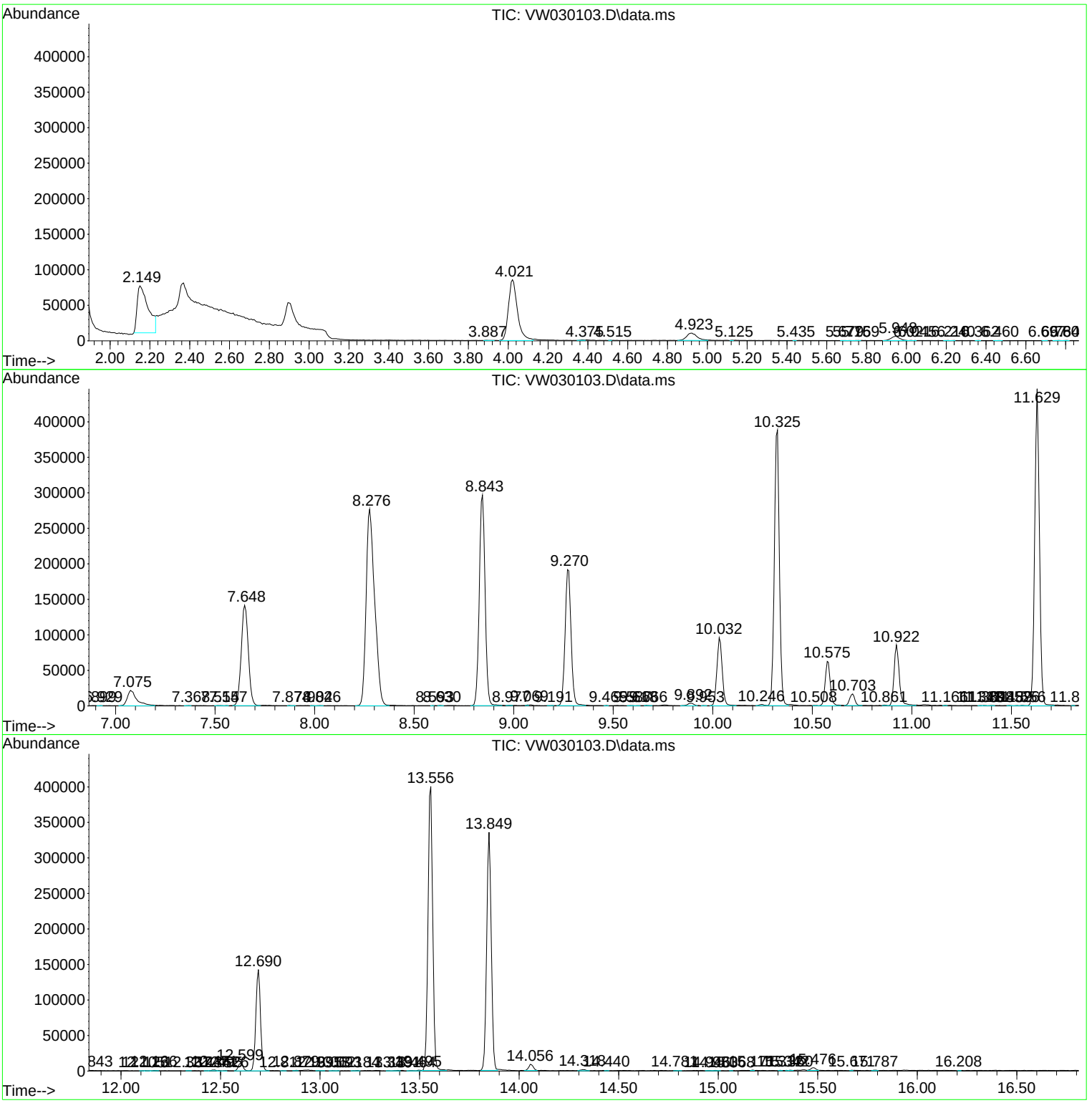
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
Quant Title : SFAM01.0

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



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ClientSampleId :
VIBLK520

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

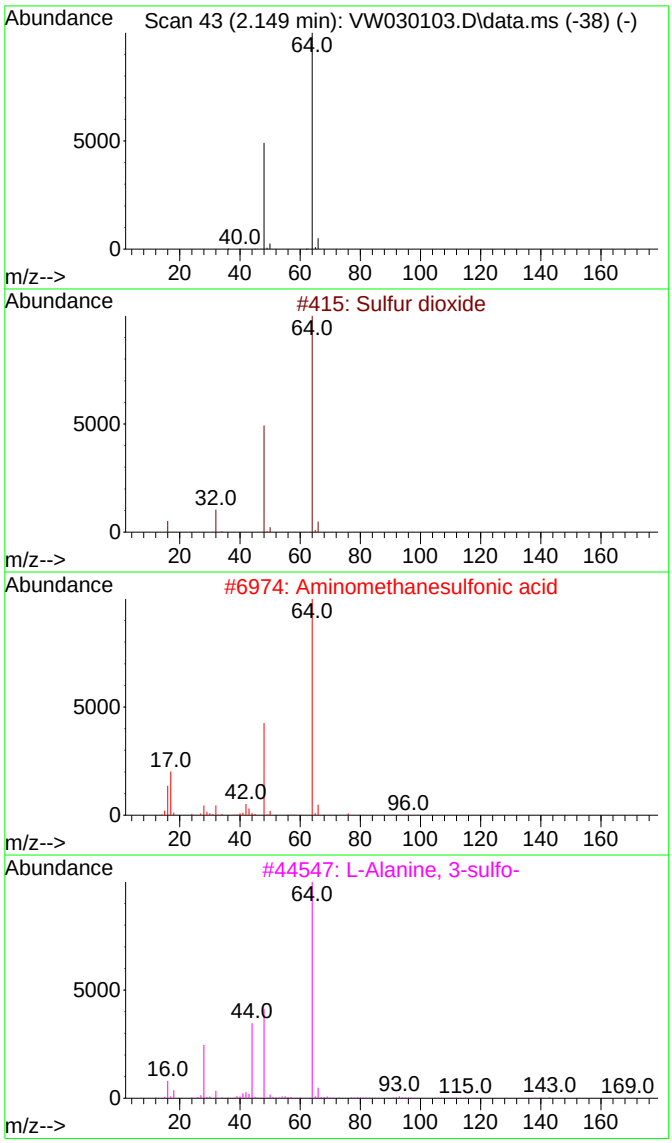
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

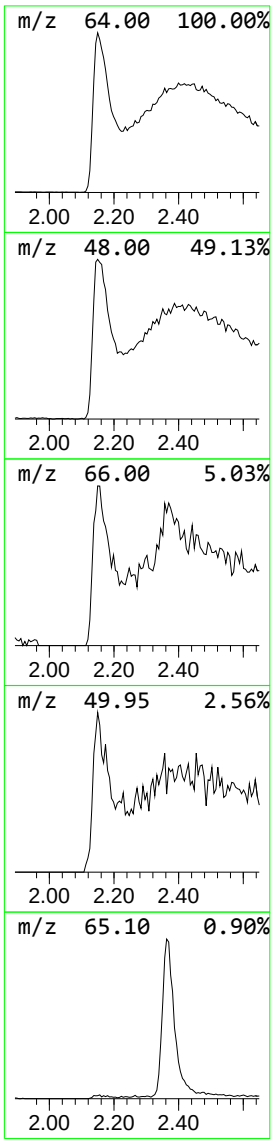
****

Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.149	10.80 ug/L	259009	1,4-Difluorobenzene	8.843

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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ClientSampleId :
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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	10.8	ug/L	259009	1	8.843	599759	25.0