LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082924\
Data File : VW030108.D
Acq On : 29 Aug 2024 18:32
Operator : SY/MD
Sample : VIBLK522
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK522

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: VW030108.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.143	38	42	53	rBV	36063	98764	10.90%	1.580%
2	3.631	283	286	288	rBV2	360	272	0.03%	0.004%
3	3.686	293	295	298	rBV2	358	313	0.03%	0.005%
4	3.777	308	310	311	rBV2	262	226	0.02%	0.004%
5	3.796	311	313	315	rVB	449	324	0.04%	0.005%
6	3.930	333	335	336	rBV	339	214	0.02%	0.003%
7	4.021	339	350	379	rVV2	91549	300743	33.19%	4.810%
8	4.381	405	409	411	rBV2	489	754	0.08%	0.012%
9	4.808	477	479	482	rVB2	344	352	0.04%	0.006%
10	4.923	486	498	513	rBV4	10599	41246	4.55%	0.660%
11	5.112	527	529	530	rBV2	402	414	0.05%	0.007%
12	5.228	545	548	551	rBV2	316	390	0.04%	0.006%
13	5.679	619	622	627	rVB3	320	440	0.05%	0.007%
14	5.777	636	638	640	rBV	236	212	0.02%	0.003%
15	5.850	648	650	653	rBV3	239	234	0.03%	0.004%
16	5.941	653	665	677	rVB2	7290	23365	2.58%	0.374%
17	6.027	677	679	682	rBV2	267	386	0.04%	0.006%
18	6.252	714	716	721	rVB2	343	370	0.04%	0.006%
19	6.295	721	723	726	rBV2	388	322	0.04%	0.005%
20	6.368	734	735	739	rVB2	372	304	0.03%	0.005%
21	6.600	770	773	776	rBV3	293	273	0.03%	0.004%
22	6.667	783	784	787	rVB2	365	211	0.02%	0.003%
23	6.783	800	803	806	rBV2	166	261	0.03%	0.004%
24	6.880	816	819	820	rBV2	237	241	0.03%	0.004%
25	6.984	834	836	838	rBV	256	268	0.03%	0.004%
26	7.075	842	851	866	rBV	25201	78421	8.66%	1.254%
27	7.350	894	896	897	rBV	254	192	0.02%	0.003%
28	7.472	914	916	919	rBV2	253	218	0.02%	0.003%
29	7.527	922	925	928	rVB2	170	209	0.02%	0.003%
30	7.648	934	945	958	rBV	156368	383870	42.37%	6.140%
31	7.905	984	987	990	rBV	213	231	0.03%	0.004%
32	8.008	1002	1004	1006	rBV2	309	243	0.03%	0.004%
33	8.045	1009	1010	1014	rBV2	234	316	0.03%	0.005%
34	8.276	1037	1048	1064	rBV2	305933	906005	100.00%	14.491%
35	8.539	1089	1091	1096	rBV2	331	420	0.05%	0.007%
36	8.587	1096	1099	1101	rVB3	338	451	0.05%	0.007%

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Sample : VIBLK522
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK522

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	8.618	1101	1104	1109	rBV3	451	832	0.09%	0.013%
38	8.782	1129	1131	1132	rBV2	307	302	0.03%	0.005%
39	8.843	1132	1141	1156	rVV	256063	520812	57.48%	8.330%
40	8.971	1160	1162	1164	rVB2	444	319	0.04%	0.005%
41	9.075	1176	1179	1185	rVB3	1789	3089	0.34%	0.049%
42	9.148	1189	1191	1192	rVB	434	228	0.03%	0.004%
43	9.270	1203	1211	1223	rBV	208426	429841	47.44%	6.875%
44	9.538	1253	1255	1256	rBV	218	202	0.02%	0.003%
45	9.794	1296	1297	1299	rVB	448	229	0.03%	0.004%
46	9.837	1302	1304	1307	rVB2	260	280	0.03%	0.004%
47	9.886	1307	1312	1321	rBV6	1804	4153	0.46%	0.066%
48	9.971	1321	1326	1329	rBV2	269	384	0.04%	0.006%
49	10.032	1329	1336	1348	rBV	102624	189828	20.95%	3.036%
50	10.319	1376	1383	1392	rBV	421091	748433	82.61%	11.971%
51	10.575	1416	1425	1439	rBV	66104	118658	13.10%	1.898%
52	10.703	1439	1446	1452	rVB2	14441	25935	2.86%	0.415%
53	10.843	1466	1469	1470	rBV2	619	535	0.06%	0.009%
54	10.922	1475	1482	1496	rBV	100674	178297	19.68%	2.852%
55	11.062	1502	1505	1516	rVB6	1678	4219	0.47%	0.067%
56	11.233	1531	1533	1536	rVB3	370	303	0.03%	0.005%
57	11.276	1538	1540	1543	rVB3	314	325	0.04%	0.005%
58	11.465	1568	1571	1574	rVB	320	357	0.04%	0.006%
59	11.495	1574	1576	1578	rBV	361	286	0.03%	0.005%
60	11.629	1590	1598	1607	rBV	383140	641896	70.85%	10.267%
61	11.818	1625	1629	1630	rBV3	404	494	0.05%	0.008%
62	11.892	1638	1641	1642	rBV	288	202	0.02%	0.003%
63	12.001	1657	1659	1662	rVB2	228	245	0.03%	0.004%
64	12.172	1681	1687	1693	rBV5	1320	2558	0.28%	0.041%
65	12.270	1701	1703	1707	rBV2	290	262	0.03%	0.004%
66	12.410	1724	1726	1729	rBV	280	280	0.03%	0.004%
67	12.459	1731	1734	1740	rVB4	1257	1952	0.22%	0.031%
68	12.599	1752	1757	1763	rVB	13599	20177	2.23%	0.323%
69	12.690	1765	1772	1779	rBV	160596	260852	28.79%	4.172%
70	12.830	1793	1795	1798	rVB2	193	222	0.02%	0.004%
71	12.940	1807	1813	1819	rVB3	947	2224	0.25%	0.036%
72	13.074	1832	1835	1838	rBV3	514	515	0.06%	0.008%
73	13.245	1860	1863	1866	rBV3	1257	1588	0.18%	0.025%
74	13.312	1873	1874	1880	rVB2	267	335	0.04%	0.005%
75	13.361	1880	1882	1885	rBV3	307	327	0.04%	0.005%
76	13.391	1885	1887	1890	rVB3	432	484	0.05%	0.008%

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ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK522

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

77	13.501	1900	1905	1907	rBV3	1456	2199	0.24%	0.035%
78	13.556	1907	1914	1924	rVV	362312	579060	63.91%	9.262%
79	13.696	1935	1937	1939	rVB2	436	286	0.03%	0.005%
80	13.733	1941	1943	1944	rVB2	390	226	0.02%	0.004%
81	13.849	1954	1962	1974	rBV	374260	603049	66.56%	9.646%
82	14.001	1986	1987	1989	rBV	659	616	0.07%	0.010%
83	14.062	1992	1997	2010	rVB2	11688	22724	2.51%	0.363%
84	14.324	2036	2040	2047	rVB6	1448	2627	0.29%	0.042%
85	14.422	2053	2056	2057	rBV	557	400	0.04%	0.006%
86	14.477	2062	2065	2070	rBV4	744	1283	0.14%	0.021%
87	14.556	2077	2078	2080	rBV	382	330	0.04%	0.005%
88	14.623	2085	2089	2097	rVB3	3506	5391	0.60%	0.086%
89	14.976	2145	2147	2149	rBV2	341	315	0.03%	0.005%
90	15.092	2164	2166	2167	rBV	411	281	0.03%	0.004%
91	15.129	2167	2172	2176	rVV3	3759	5513	0.61%	0.088%
92	15.239	2188	2190	2192	rVB2	402	196	0.02%	0.003%
93	15.361	2206	2210	2217	rBV3	3125	5615	0.62%	0.090%
94	15.476	2225	2229	2236	rVB2	4342	7087	0.78%	0.113%
95	15.549	2236	2241	2246	rVB3	4608	7863	0.87%	0.126%
96	15.720	2268	2269	2271	rVB	536	265	0.03%	0.004%
97	15.946	2302	2306	2311	rVV3	690	1286	0.14%	0.021%
98	16.080	2326	2328	2332	rBV4	506	490	0.05%	0.008%
99	16.244	2353	2355	2359	rBV3	523	746	0.08%	0.012%
100	16.677	2424	2426	2428	rVV2	402	250	0.03%	0.004%

Sum of corrected areas: 6252033

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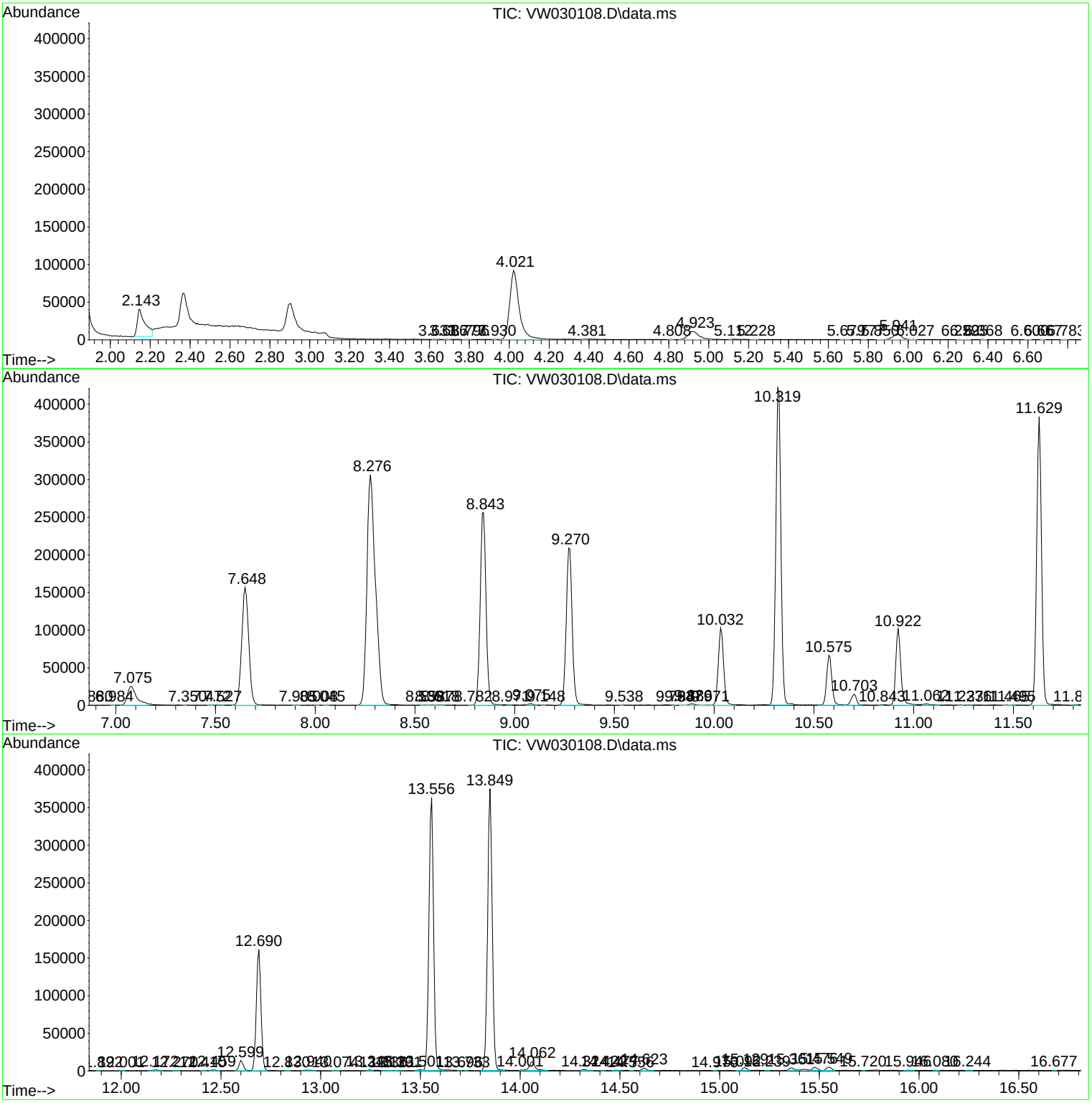
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VIBLK522

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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MSVOA_W
ClientSampleId :
VIBLK522

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

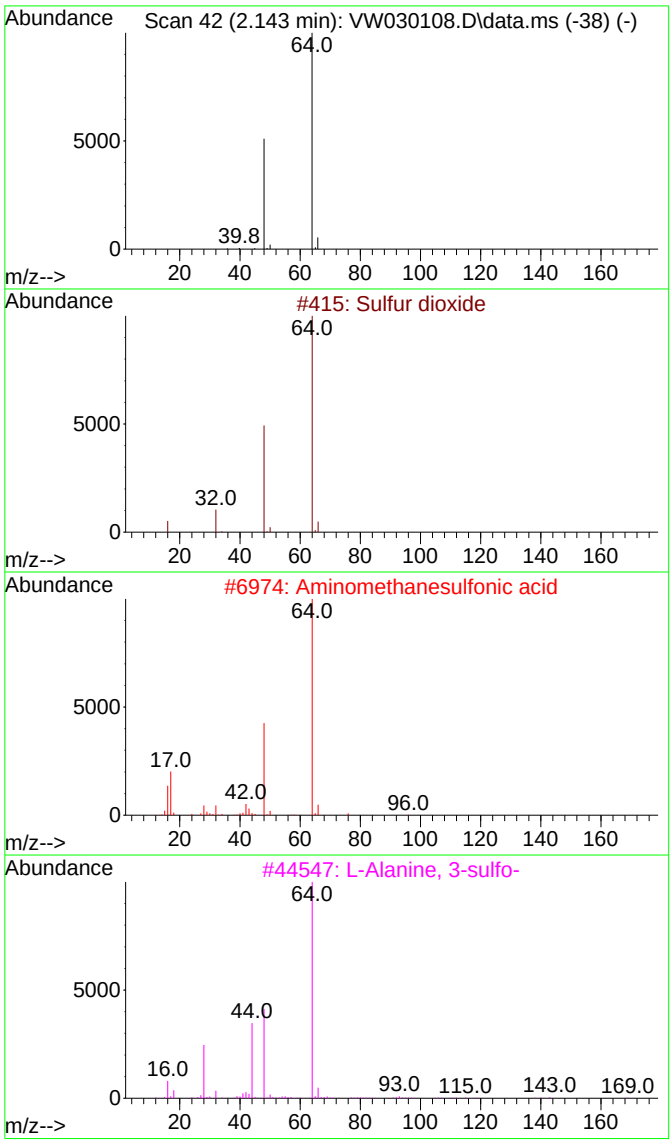
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

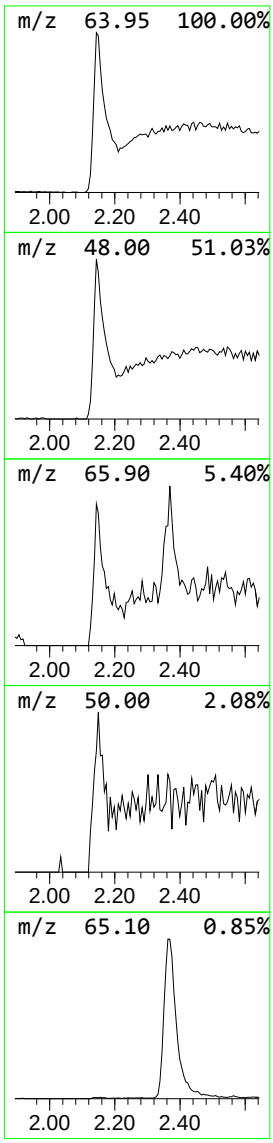
****

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.143	4.74 ug/L	98764	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	Sulfur dioxide	64	O2S	007446-09-5	4
5	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4





Tentatively Identified Compound (LSC) summary

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Instrument :
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ClientSampleId :
VIBLK522

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	2.143	4.7	ug/L	98764	1	8.837	520812	25.0