LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071919\
Data File : VW011386.D
Acq On : 19 Jul 2019 18:56
Operator : SY/VA
Sample : VIBLK24
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK24

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\SOM2WLM070219S.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.154	34	41	63	rBV	217452	692299	57.74%	7.405%
2	2.349	69	73	88	rBV	71298	140590	11.73%	1.504%
3	2.885	155	161	178	rVB	58147	153906	12.84%	1.646%
4	3.391	239	244	248	rVB4	1176	2340	0.20%	0.025%
5	3.532	265	267	270	rVV4	760	864	0.07%	0.009%
6	3.593	272	277	279	rVV4	852	1198	0.10%	0.013%
7	3.855	315	320	327	rBV6	1665	4819	0.40%	0.052%
8	4.019	336	347	363	rBV	124909	410044	34.20%	4.386%
9	4.379	402	406	407	rBV4	1118	1536	0.13%	0.016%
10	4.531	426	431	433	rBV2	453	778	0.06%	0.008%
11	4.702	456	459	464	rBV3	582	1374	0.11%	0.015%
12	4.818	474	478	480	rBV3	422	558	0.05%	0.006%
13	4.909	486	493	495	rBV6	3507	7129	0.59%	0.076%
14	5.123	519	528	536	rVB5	2348	6337	0.53%	0.068%
15	5.464	581	584	589	rBV5	503	839	0.07%	0.009%
16	5.659	612	616	618	rBV4	482	633	0.05%	0.007%
17	5.745	621	630	639	rVV5	1654	5102	0.43%	0.055%
18	5.940	651	662	669	rBV5	3931	12254	1.02%	0.131%
19	6.110	686	690	692	rBV2	415	596	0.05%	0.006%
20	6.232	706	710	713	rBV3	386	763	0.06%	0.008%
21	6.366	728	732	735	rBV3	344	545	0.05%	0.006%
22	6.860	811	813	817	rVB3	420	536	0.04%	0.006%
23	7.074	840	848	853	rBV	51753	135832	11.33%	1.453%
24	7.305	883	886	891	rVB5	687	1208	0.10%	0.013%
25	7.433	905	907	911	rVB4	390	474	0.04%	0.005%
26	7.647	931	942	954	rBV	182464	448799	37.43%	4.800%
27	8.159	1024	1026	1029	rBV3	466	492	0.04%	0.005%
28	8.275	1032	1045	1062	rBV2	402282	1198923	100.00%	12.824%
29	8.640	1101	1105	1108	rBV3	589	934	0.08%	0.010%
30	8.683	1108	1112	1113	rVV2	658	658	0.05%	0.007%
31	8.695	1113	1114	1118	rVB3	621	540	0.05%	0.006%
32	8.842	1129	1138	1152	rBV	358939	709103	59.14%	7.585%
33	9.079	1172	1177	1182	rBV4	1241	2078	0.17%	0.022%
34	9.274	1199	1209	1218	rBV	269159	541543	45.17%	5.792%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071919\
Data File : VW011386.D
Acq On : 19 Jul 2019 18:56
Operator : SY/VA
Sample : VIBLK24
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK24

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\SOM2WLM070219S.M
Title : VOC Analysis

35	9.378	1224	1226	1231	rVB5	775	997	0.08%	0.011%
36	9.421	1231	1233	1236	rVB2	655	707	0.06%	0.008%
37	9.470	1238	1241	1247	rVB2	606	1051	0.09%	0.011%
38	9.659	1268	1272	1278	rBV5	1106	2125	0.18%	0.023%
39	9.762	1283	1289	1296	rVB	4527	8850	0.74%	0.095%
40	9.890	1302	1310	1317	rBV2	11312	25063	2.09%	0.268%
41	10.037	1319	1334	1343	rBV	141123	265399	22.14%	2.839%
42	10.207	1360	1362	1364	rBV2	817	963	0.08%	0.010%
43	10.250	1364	1369	1373	rVV	6790	11341	0.95%	0.121%
44	10.323	1373	1381	1389	rBV	546445	931117	77.66%	9.959%
45	10.512	1406	1412	1415	rBV3	1279	2139	0.18%	0.023%
46	10.579	1416	1423	1434	rVV	95824	163256	13.62%	1.746%
47	10.707	1437	1444	1450	rVV	57985	107119	8.93%	1.146%
48	10.768	1450	1454	1461	rVB2	3227	6052	0.50%	0.065%
49	10.847	1461	1467	1472	rBV	4114	6772	0.56%	0.072%
50	10.927	1473	1480	1493	rVV	186445	319041	26.61%	3.413%
51	11.067	1497	1503	1511	rVV	16887	32636	2.72%	0.349%
52	11.177	1515	1521	1526	rVB2	7856	13448	1.12%	0.144%
53	11.347	1544	1549	1553	rBV7	1238	2198	0.18%	0.024%
54	11.408	1553	1559	1560	rBV3	3352	5379	0.45%	0.058%
55	11.439	1560	1564	1571	rVB3	10796	17632	1.47%	0.189%
56	11.512	1573	1576	1579	rBV3	414	577	0.05%	0.006%
57	11.542	1579	1581	1585	rVB4	743	814	0.07%	0.009%
58	11.634	1585	1596	1610	rBV	484611	845349	70.51%	9.042%
59	11.725	1610	1611	1616	rVB4	1197	1267	0.11%	0.014%
60	11.847	1628	1631	1632	rVV3	842	886	0.07%	0.009%
61	11.878	1632	1636	1640	rVB6	1812	3368	0.28%	0.036%
62	11.920	1640	1643	1644	rBV3	536	621	0.05%	0.007%
63	12.000	1653	1656	1659	rBV3	503	582	0.05%	0.006%
64	12.073	1663	1668	1670	rBV6	573	1008	0.08%	0.011%
65	12.170	1679	1684	1691	rBV9	1305	2567	0.21%	0.027%
66	12.469	1724	1733	1743	rVB6	4174	7691	0.64%	0.082%
67	12.609	1747	1756	1763	rBV	50671	86300	7.20%	0.923%
68	12.695	1763	1770	1778	rVV	209094	349257	29.13%	3.736%
69	12.762	1778	1781	1786	rVV5	1506	2672	0.22%	0.029%
70	12.890	1797	1802	1803	rVV4	438	680	0.06%	0.007%
71	12.932	1804	1809	1816	rVV2	5584	9510	0.79%	0.102%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071919\
Data File : VW011386.D
Acq On : 19 Jul 2019 18:56
Operator : SY/VA
Sample : VIBLK24
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK24

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\SOM2WLM070219S.M
Title : VOC Analysis

72	12.987	1816	1818	1819	rVV2	739	555	0.05%	0.006%
73	13.042	1823	1827	1829	rVV5	1253	1891	0.16%	0.020%
74	13.079	1829	1833	1839	rVV6	1232	2597	0.22%	0.028%
75	13.140	1839	1843	1845	rVV3	682	1022	0.09%	0.011%
76	13.195	1847	1852	1856	rVV3	2622	4865	0.41%	0.052%
77	13.231	1856	1858	1860	rVV	846	904	0.08%	0.010%
78	13.298	1864	1869	1875	rVB6	3351	6354	0.53%	0.068%
79	13.408	1880	1887	1893	rBV2	4492	7989	0.67%	0.085%
80	13.481	1893	1899	1900	rBV4	1853	2874	0.24%	0.031%
81	13.560	1904	1912	1919	rBV	490370	777302	64.83%	8.314%
82	13.768	1936	1946	1951	rBV8	3173	6880	0.57%	0.074%
83	13.853	1953	1960	1968	rBV	446345	730717	60.95%	7.816%
84	14.018	1984	1987	1989	rBV3	1057	1190	0.10%	0.013%
85	14.072	1990	1996	2003	rVV	26994	44545	3.72%	0.476%
86	14.207	2014	2018	2024	rVB5	1450	2112	0.18%	0.023%
87	14.298	2030	2033	2034	rBV2	651	704	0.06%	0.008%
88	14.328	2034	2038	2049	rVB7	2828	6064	0.51%	0.065%
89	14.499	2064	2066	2067	rVV2	670	485	0.04%	0.005%
90	14.530	2067	2071	2074	rVV3	1288	1802	0.15%	0.019%
91	14.688	2095	2097	2100	rBV3	465	500	0.04%	0.005%
92	14.725	2100	2103	2109	rVB6	871	1613	0.13%	0.017%
93	15.054	2155	2157	2160	rBV3	528	588	0.05%	0.006%
94	15.279	2190	2194	2197	rBV4	746	1328	0.11%	0.014%
95	15.365	2206	2208	2211	rBV4	874	996	0.08%	0.011%
96	15.438	2216	2220	2225	rVV	8159	13304	1.11%	0.142%
97	15.499	2226	2230	2234	rVB2	3618	5654	0.47%	0.060%
98	15.645	2252	2254	2255	rBV2	680	489	0.04%	0.005%
99	15.761	2271	2273	2276	rBV4	639	826	0.07%	0.009%
100	15.974	2306	2308	2312	rVB3	712	958	0.08%	0.010%

Sum of corrected areas: 9349166

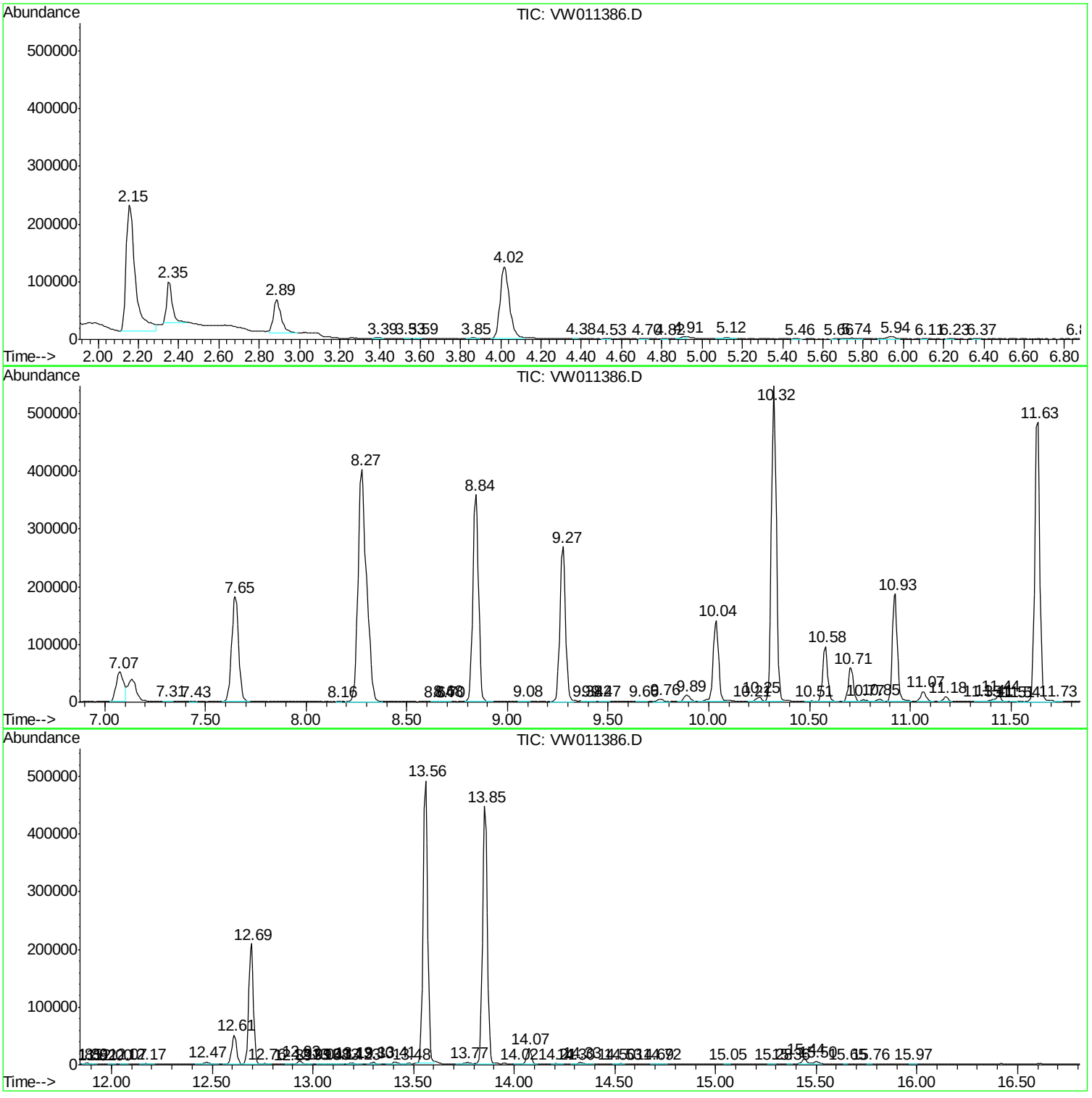
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071919\
Data File : VW011386.D
Acq On : 19 Jul 2019 18:56
Operator : SY/VA
Sample : VIBLK24
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK24

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071919\
Data File : VW011386.D
Acq On : 19 Jul 2019 18:56
Operator : SY/VA
Sample : VIBLK24
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK24

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

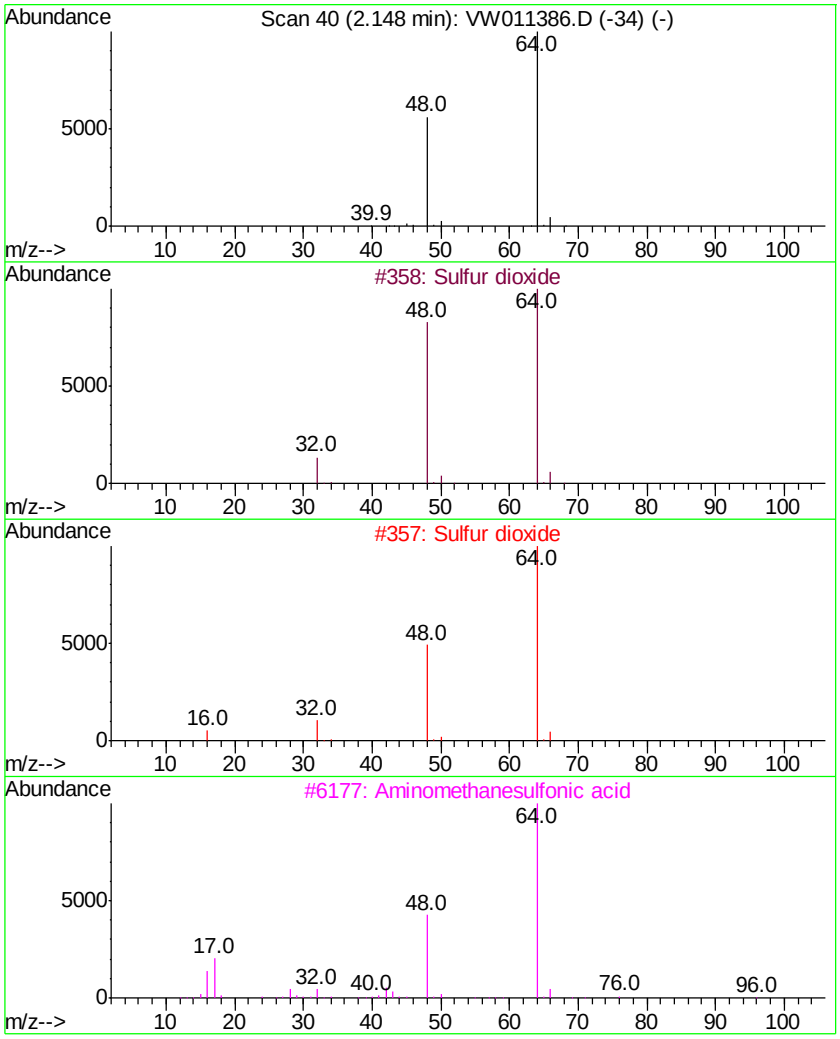
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

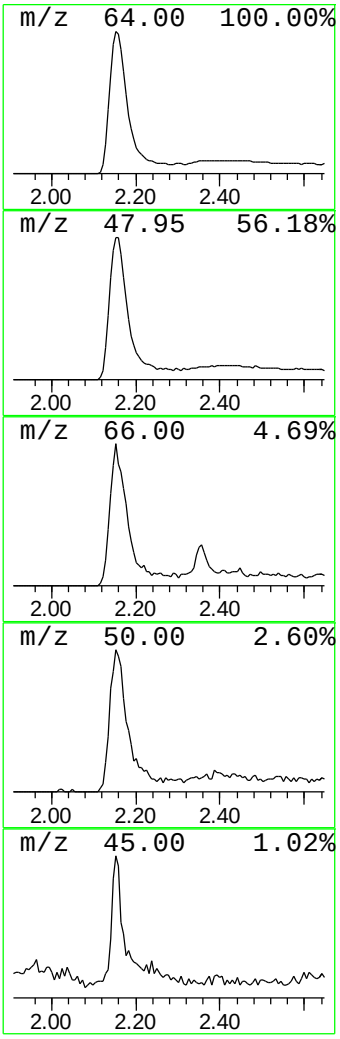
****

Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.15	24.41 ug/L	692299	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
2	Sulfur dioxide	64	O2S	007446-09-5	83
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
5	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071919\
Data File : VW011386.D
Acq On : 19 Jul 2019 18:56
Operator : SY/VA
Sample : VIBLK24
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK24

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	2.15	24.4	ug/L	692299	1	8.84	709103	25.0