

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
 Data File : VW020106.D
 Acq On : 21 Sep 2021 21:03
 Operator : SY/VA
 Sample : M3837-01
 Misc : 4.07g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW7T1

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\SFAMWLM092121SMA.M
 Title : SFAM01.0

Signal : TIC: VW020106.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.160	37	42	59	rBV	24853	95913	7.95%	1.165%
2	2.361	70	75	89	rVB	109891	222175	18.41%	2.698%
3	2.898	156	163	177	rVB	77717	194250	16.10%	2.359%
4	3.245	218	220	224	rVB2	372	413	0.03%	0.005%
5	3.391	240	244	246	rBV2	731	970	0.08%	0.012%
6	3.745	298	302	304	rBV3	225	176	0.01%	0.002%
7	3.934	329	333	337	rBV2	209	328	0.03%	0.004%
8	4.032	337	349	362	rBV2	138377	431363	35.75%	5.238%
9	4.263	385	387	389	rBV	246	256	0.02%	0.003%
10	4.367	401	404	405	rBV2	304	344	0.03%	0.004%
11	4.391	405	408	410	rBV3	588	803	0.07%	0.010%
12	4.586	438	440	444	rVV3	174	225	0.02%	0.003%
13	4.922	482	495	511	rBV2	43418	152623	12.65%	1.853%
14	5.123	520	528	543	rVB4	2811	10303	0.85%	0.125%
15	5.580	602	603	605	rVB	331	173	0.01%	0.002%
16	5.751	628	631	632	rBV	191	204	0.02%	0.002%
17	5.800	637	639	641	rBV	163	197	0.02%	0.002%
18	5.946	653	663	675	rBV4	6078	17714	1.47%	0.215%
19	6.251	709	713	716	rVB2	229	284	0.02%	0.003%
20	6.434	741	743	744	rBV	318	183	0.02%	0.002%
21	6.495	752	753	756	rVB	363	222	0.02%	0.003%
22	6.964	828	830	832	rBV2	208	176	0.01%	0.002%
23	7.080	841	849	855	rBV2	22554	64447	5.34%	0.783%
24	7.336	889	891	894	rBV2	196	253	0.02%	0.003%
25	7.543	923	925	930	rVB3	362	367	0.03%	0.004%
26	7.653	932	943	954	rBV	215329	526486	43.63%	6.393%
27	7.811	967	969	972	rVB2	244	273	0.02%	0.003%
28	7.964	990	994	996	rVV4	556	868	0.07%	0.011%
29	8.031	1003	1005	1008	rVB2	219	232	0.02%	0.003%
30	8.189	1029	1031	1033	rVB	245	173	0.01%	0.002%
31	8.281	1033	1046	1063	rBV2	409926	1206737	100.00%	14.652%
32	8.506	1079	1083	1085	rBV3	312	453	0.04%	0.006%
33	8.531	1085	1087	1092	rVV2	236	422	0.03%	0.005%
34	8.683	1109	1112	1113	rBV2	264	243	0.02%	0.003%
35	8.848	1130	1139	1152	rBV	374950	755362	62.60%	9.172%
36	9.098	1173	1180	1190	rVB	29189	57450	4.76%	0.698%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
 Data File : VW020106.D
 Acq On : 21 Sep 2021 21:03
 Operator : SY/VA
 Sample : M3837-01
 Misc : 4.07g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW7T1

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\SFAMWLM092121SMA.M
 Title : SFAM01.0

37	9.275	1201	1209	1230	rVB	277343	564906	46.81%	6.859%
38	9.518	1246	1249	1252	rVB2	204	231	0.02%	0.003%
39	9.653	1269	1271	1274	rBV2	193	181	0.01%	0.002%
40	9.750	1283	1287	1289	rBV2	153	185	0.02%	0.002%
41	9.896	1308	1311	1315	rBV	283	390	0.03%	0.005%
42	10.037	1324	1334	1344	rBV	126592	225681	18.70%	2.740%
43	10.213	1359	1363	1366	rBV3	896	1166	0.10%	0.014%
44	10.323	1373	1381	1389	rBV	523689	939809	77.88%	11.411%
45	10.500	1406	1410	1411	rBV3	213	284	0.02%	0.003%
46	10.579	1416	1423	1434	rBV	79541	135110	11.20%	1.641%
47	10.707	1437	1444	1451	rBV2	22488	40791	3.38%	0.495%
48	10.793	1456	1458	1459	rBV2	251	229	0.02%	0.003%
49	10.866	1464	1470	1474	rBV2	5573	9943	0.82%	0.121%
50	10.927	1474	1480	1493	rVB	93313	164990	13.67%	2.003%
51	11.061	1498	1502	1511	rVB3	6394	11079	0.92%	0.135%
52	11.177	1517	1521	1527	rVB4	1109	1961	0.16%	0.024%
53	11.225	1527	1529	1531	rBV	193	211	0.02%	0.003%
54	11.274	1535	1537	1539	rVB2	269	229	0.02%	0.003%
55	11.402	1554	1558	1559	rBV3	543	599	0.05%	0.007%
56	11.439	1559	1564	1570	rVB2	9368	13778	1.14%	0.167%
57	11.634	1588	1596	1606	rVV	489500	813315	67.40%	9.875%
58	11.841	1625	1630	1636	rVB3	1803	3293	0.27%	0.040%
59	11.890	1636	1638	1640	rBV	294	270	0.02%	0.003%
60	11.987	1651	1654	1658	rVB2	178	247	0.02%	0.003%
61	12.042	1660	1663	1666	rBV	136	203	0.02%	0.002%
62	12.122	1674	1676	1677	rBV2	246	203	0.02%	0.002%
63	12.170	1680	1684	1689	rVB3	876	1278	0.11%	0.016%
64	12.274	1699	1701	1707	rVB2	259	269	0.02%	0.003%
65	12.396	1719	1721	1724	rVB2	194	198	0.02%	0.002%
66	12.469	1730	1733	1737	rVB2	1212	1483	0.12%	0.018%
67	12.506	1737	1739	1742	rVB	227	201	0.02%	0.002%
68	12.603	1749	1755	1763	rBV	37436	64493	5.34%	0.783%
69	12.695	1763	1770	1776	rBV	175126	290780	24.10%	3.531%
70	12.939	1806	1810	1814	rBV6	1772	3162	0.26%	0.038%
71	12.993	1818	1819	1820	rBV	310	179	0.01%	0.002%
72	13.024	1820	1824	1829	rVB4	1232	2256	0.19%	0.027%
73	13.073	1829	1832	1834	rBV2	367	346	0.03%	0.004%
74	13.164	1842	1847	1848	rBV3	396	552	0.05%	0.007%
75	13.188	1848	1851	1857	rVV3	1884	2905	0.24%	0.035%
76	13.249	1857	1861	1864	rVV2	1115	1955	0.16%	0.024%

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
 Data File : VW020106.D
 Acq On : 21 Sep 2021 21:03
 Operator : SY/VA
 Sample : M3837-01
 Misc : 4.07g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW7T1

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\SFAMWLM092121SMA.M
 Title : SFAM01.0

77	13.292	1864	1868	1873	rVV3	4353	7020	0.58%	0.085%
78	13.402	1879	1886	1893	rBV5	2709	5376	0.45%	0.065%
79	13.512	1898	1904	1905	rBV4	558	909	0.08%	0.011%
80	13.560	1905	1912	1918	rBV	357862	580709	48.12%	7.051%
81	13.713	1935	1937	1940	rVB2	346	292	0.02%	0.004%
82	13.762	1940	1945	1949	rBV5	1725	3270	0.27%	0.040%
83	13.853	1953	1960	1967	rBV	347830	558091	46.25%	6.776%
84	14.066	1989	1995	2001	rBV	12450	20119	1.67%	0.244%
85	14.188	2012	2015	2017	rBV3	551	645	0.05%	0.008%
86	14.255	2024	2026	2031	rVB2	239	243	0.02%	0.003%
87	14.322	2031	2037	2041	rBV8	1108	2030	0.17%	0.025%
88	14.426	2052	2054	2057	rVB3	348	329	0.03%	0.004%
89	14.524	2069	2070	2071	rBV	284	194	0.02%	0.002%
90	14.615	2084	2085	2090	rVB2	389	389	0.03%	0.005%
91	14.719	2099	2102	2107	rBV4	1357	1693	0.14%	0.021%
92	14.902	2129	2132	2135	rBV3	329	407	0.03%	0.005%
93	15.347	2203	2205	2206	rBV2	382	206	0.02%	0.003%
94	15.432	2215	2219	2224	rVB4	3592	5746	0.48%	0.070%
95	15.481	2224	2227	2234	rBV2	1998	3182	0.26%	0.039%
96	15.682	2254	2260	2261	rBV3	514	800	0.07%	0.010%
97	15.792	2275	2278	2279	rBV2	549	522	0.04%	0.006%
98	15.938	2298	2302	2303	rBV2	416	554	0.05%	0.007%
99	16.078	2322	2325	2328	rBV4	423	505	0.04%	0.006%
100	16.602	2409	2411	2413	rBV2	334	268	0.02%	0.003%

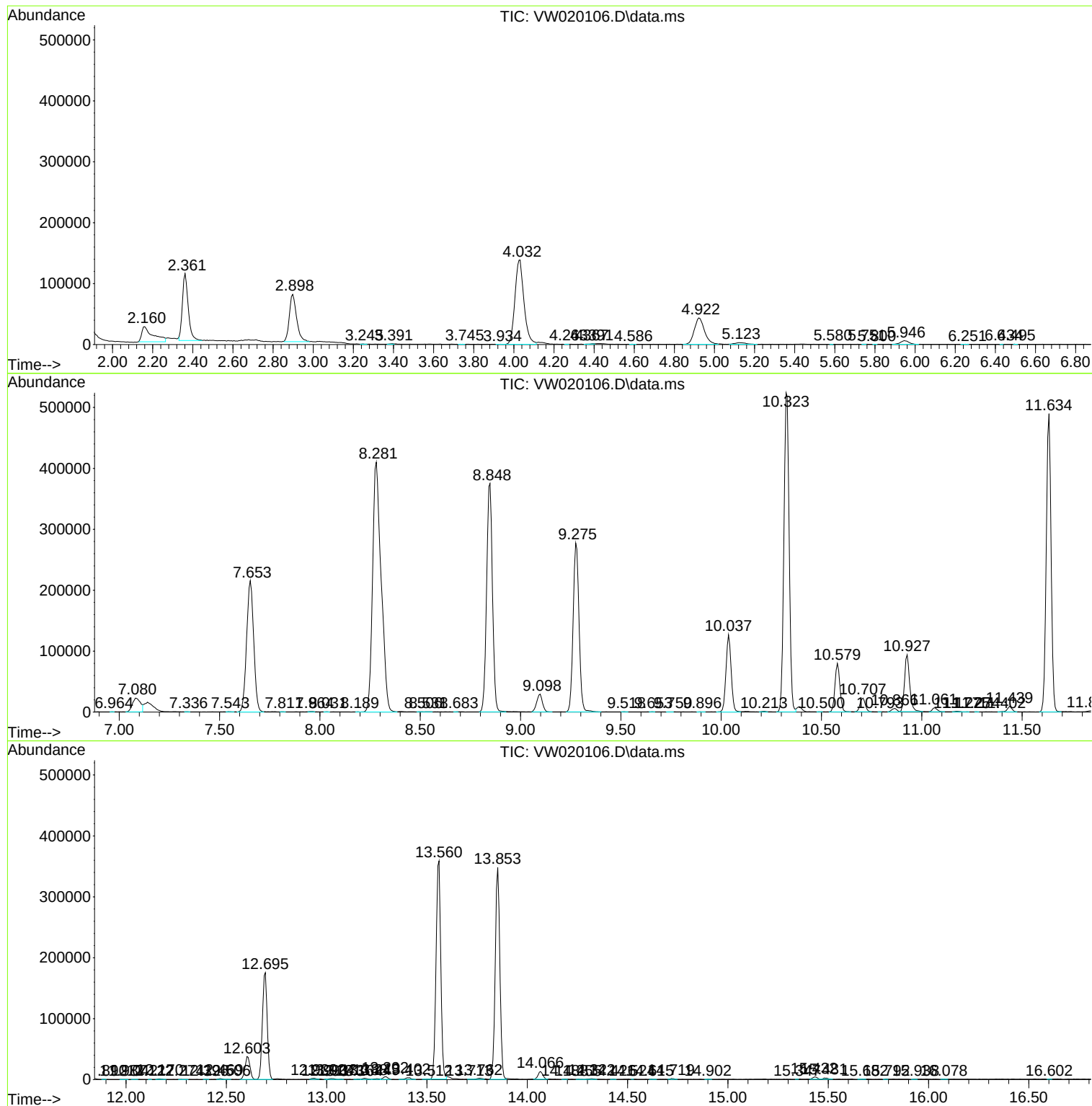
Sum of corrected areas: 8235901

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
Data File : VW020106.D
Acq On : 21 Sep 2021 21:03
Operator : SY/VA
Sample : M3837-01
Misc : 4.07g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7T1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
Data File : VW020106.D
Acq On : 21 Sep 2021 21:03
Operator : SY/VA
Sample : M3837-01
Misc : 4.07g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7T1

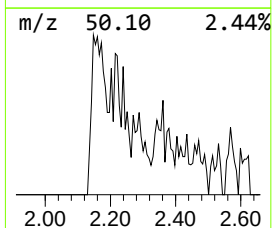
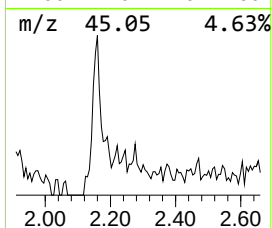
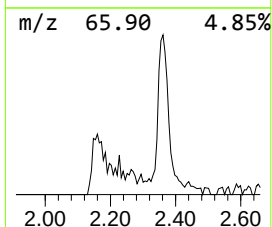
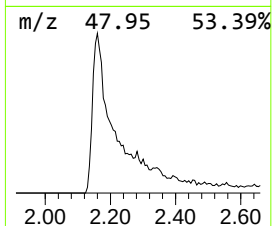
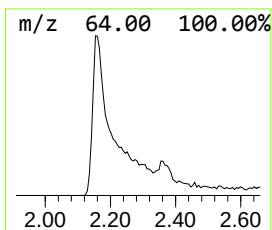
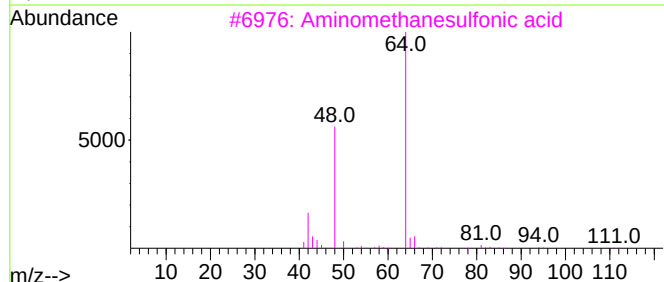
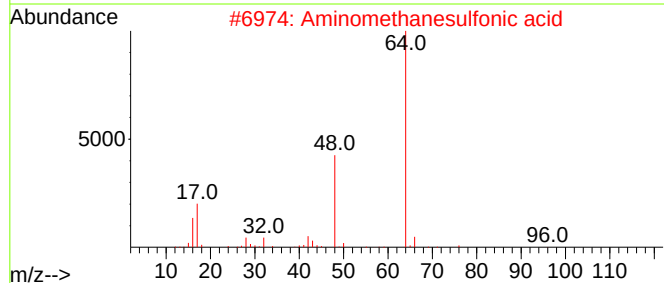
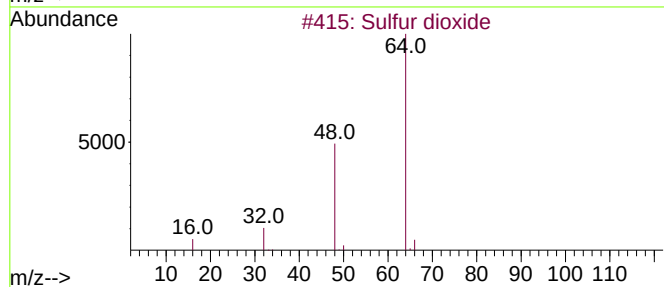
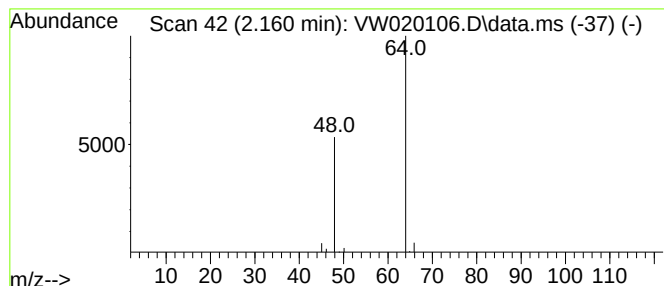
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

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.
2.160	3.17 ug/L	95913	1,4-Difluorobenzene	8.848

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092121\
Data File : VW020106.D
Acq On : 21 Sep 2021 21:03
Operator : SY/VA
Sample : M3837-01
Misc : 4.07g/10mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EW7T1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092121SMA.M
Quant Title : SFAM01.0

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	2.160	3.2	ug/L	95913	1	8.848	755362	25.0