

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031720\
 Data File : VU037311.D
 Acq On : 17 Mar 2020 13:04
 Operator : JC/MD
 Sample : L1901-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0NE9

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.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	1.482	37	44	59	rBV	29386	58699	3.63%	0.452%
2	1.613	78	85	96	rVB	189477	201484	12.47%	1.551%
3	1.929	175	183	200	rVB	163505	216577	13.40%	1.668%
4	2.527	366	369	370	rBV2	423	255	0.02%	0.002%
5	2.591	375	389	404	rBV2	301377	512189	31.69%	3.944%
6	2.787	437	450	470	rBV2	21094	42932	2.66%	0.331%
7	2.893	481	483	488	rVB3	564	405	0.03%	0.003%
8	3.076	536	540	545	rVB4	901	958	0.06%	0.007%
9	3.224	571	586	606	rVV	21509	47763	2.96%	0.368%
10	3.398	637	640	644	rVB2	688	499	0.03%	0.004%
11	3.752	748	750	753	rVB	490	243	0.02%	0.002%
12	3.777	753	758	759	rBV	280	252	0.02%	0.002%
13	3.916	794	801	808	rBV3	588	858	0.05%	0.007%
14	3.951	808	812	814	rVV	455	300	0.02%	0.002%
15	3.993	821	825	828	rBV2	394	258	0.02%	0.002%
16	4.099	855	858	863	rVB	241	251	0.02%	0.002%
17	4.176	879	882	885	rBV	336	250	0.02%	0.002%
18	4.449	961	967	969	rVV	503	372	0.02%	0.003%
19	4.475	969	975	980	rVB3	509	513	0.03%	0.004%
20	4.581	1002	1008	1015	rVB	404	465	0.03%	0.004%
21	4.668	1019	1035	1062	rBV	171869	428891	26.54%	3.303%
22	4.874	1097	1099	1103	rVB2	533	231	0.01%	0.002%
23	4.970	1126	1129	1133	rVB2	451	316	0.02%	0.002%
24	5.105	1154	1171	1194	rBV	304699	674049	41.71%	5.190%
25	5.247	1213	1215	1218	rVB2	680	314	0.02%	0.002%
26	5.289	1225	1228	1232	rVB3	752	527	0.03%	0.004%
27	5.311	1232	1235	1237	rBV2	718	476	0.03%	0.004%
28	5.414	1264	1267	1274	rVB5	1302	1420	0.09%	0.011%
29	5.452	1275	1279	1283	rBV2	374	320	0.02%	0.002%
30	5.497	1290	1293	1296	rVB2	371	253	0.02%	0.002%
31	5.526	1296	1302	1307	rBV3	507	512	0.03%	0.004%
32	5.591	1318	1322	1324	rVB3	346	239	0.01%	0.002%
33	5.636	1332	1336	1343	rVB2	347	435	0.03%	0.003%
34	5.671	1343	1347	1351	rBV	267	232	0.01%	0.002%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031720\
 Data File : VU037311.D
 Acq On : 17 Mar 2020 13:04
 Operator : JC/MD
 Sample : L1901-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0NE9

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.M
 Title : VOC Analysis

35	5.761	1351	1375	1395	rBV2	603751	1616112	100.00%	12.444%
36	5.986	1442	1445	1449	rBV4	655	610	0.04%	0.005%
37	6.054	1464	1466	1469	rVB2	482	251	0.02%	0.002%
38	6.076	1470	1473	1474	rBV2	411	278	0.02%	0.002%
39	6.141	1487	1493	1498	rBV3	618	736	0.05%	0.006%
40	6.179	1501	1505	1508	rVV3	471	366	0.02%	0.003%
41	6.198	1508	1511	1514	rVB	416	269	0.02%	0.002%
42	6.282	1521	1537	1563	rBV	489253	925684	57.28%	7.128%
43	6.520	1608	1611	1613	rBV2	419	266	0.02%	0.002%
44	6.575	1613	1628	1646	rBV2	273602	512788	31.73%	3.949%
45	6.723	1659	1674	1695	rBV	381826	747845	46.27%	5.759%
46	6.919	1731	1735	1736	rBV3	431	279	0.02%	0.002%
47	6.986	1754	1756	1761	rVB2	445	292	0.02%	0.002%
48	7.009	1761	1763	1766	rBV3	505	264	0.02%	0.002%
49	7.031	1768	1770	1774	rVB3	440	278	0.02%	0.002%
50	7.076	1781	1784	1789	rBV3	476	345	0.02%	0.003%
51	7.137	1799	1803	1808	rBV2	368	255	0.02%	0.002%
52	7.157	1808	1809	1814	rVB3	356	247	0.02%	0.002%
53	7.205	1817	1824	1825	rBV2	1124	1069	0.07%	0.008%
54	7.253	1833	1839	1842	rBV2	370	449	0.03%	0.003%
55	7.269	1842	1844	1847	rVV2	537	373	0.02%	0.003%
56	7.594	1931	1945	1967	rBV2	222100	392734	24.30%	3.024%
57	7.822	2014	2016	2023	rVB5	1290	1259	0.08%	0.010%
58	7.854	2023	2026	2029	rBV	514	368	0.02%	0.003%
59	7.874	2029	2032	2034	rBV4	370	257	0.02%	0.002%
60	7.925	2034	2048	2067	rBV	730682	1284992	79.51%	9.895%
61	8.205	2122	2135	2157	rBV	158289	275094	17.02%	2.118%
62	8.375	2185	2188	2189	rBV2	479	284	0.02%	0.002%
63	8.423	2200	2203	2208	rBV2	349	255	0.02%	0.002%
64	8.491	2213	2224	2237	rBV4	5044	9745	0.60%	0.075%
65	8.575	2246	2250	2257	rBV4	651	678	0.04%	0.005%
66	8.658	2263	2276	2320	rBV	440457	910466	56.34%	7.011%
67	8.906	2350	2353	2356	rVV3	534	384	0.02%	0.003%
68	8.996	2376	2381	2386	rBV3	482	560	0.03%	0.004%
69	9.102	2411	2414	2416	rBV	375	230	0.01%	0.002%
70	9.169	2431	2435	2438	rVV	401	298	0.02%	0.002%
71	9.436	2504	2518	2539	rBV	682732	1159652	71.76%	8.930%

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031720\
 Data File : VU037311.D
 Acq On : 17 Mar 2020 13:04
 Operator : JC/MD
 Sample : L1901-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0NE9

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.M
 Title : VOC Analysis

72	9.562	2554	2557	2560	rVB4	391	236	0.01%	0.002%
73	9.581	2560	2563	2571	rBV2	548	597	0.04%	0.005%
74	9.710	2599	2603	2604	rBV3	704	372	0.02%	0.003%
75	9.761	2617	2619	2626	rVB2	260	265	0.02%	0.002%
76	9.825	2636	2639	2641	rBV	357	255	0.02%	0.002%
77	9.919	2663	2668	2670	rBV2	326	301	0.02%	0.002%
78	9.931	2670	2672	2678	rVB2	718	597	0.04%	0.005%
79	9.960	2678	2681	2687	rBV2	594	687	0.04%	0.005%
80	10.005	2691	2695	2697	rVB	398	277	0.02%	0.002%
81	10.034	2702	2704	2709	rVB2	377	271	0.02%	0.002%
82	10.108	2723	2727	2728	rBV	510	310	0.02%	0.002%
83	10.214	2756	2760	2765	rVB2	215	227	0.01%	0.002%
84	10.433	2824	2828	2832	rVV	395	419	0.03%	0.003%
85	10.455	2832	2835	2838	rVB	394	269	0.02%	0.002%
86	10.607	2877	2882	2884	rBV2	315	325	0.02%	0.003%
87	10.774	2920	2934	2958	rVV	529425	865728	53.57%	6.666%
88	10.915	2968	2978	2991	rVB5	4427	8748	0.54%	0.067%
89	11.018	3006	3010	3013	rVB2	450	323	0.02%	0.002%
90	11.359	3112	3116	3117	rBV2	445	340	0.02%	0.003%
91	11.433	3136	3139	3142	rVB	505	311	0.02%	0.002%
92	11.828	3248	3262	3279	rBV	563807	937879	58.03%	7.222%
93	12.070	3334	3337	3341	rVB3	541	417	0.03%	0.003%
94	12.208	3367	3380	3396	rBV	669013	1124501	69.58%	8.659%
95	12.478	3461	3464	3468	rBV3	550	440	0.03%	0.003%
96	13.044	3637	3640	3644	rBV2	555	484	0.03%	0.004%
97	13.214	3690	3693	3697	rBV3	481	376	0.02%	0.003%
98	14.211	4000	4003	4005	rBV2	717	555	0.03%	0.004%
99	14.407	4061	4064	4068	rBV2	1130	768	0.05%	0.006%
100	14.552	4107	4109	4111	rVB2	725	334	0.02%	0.003%

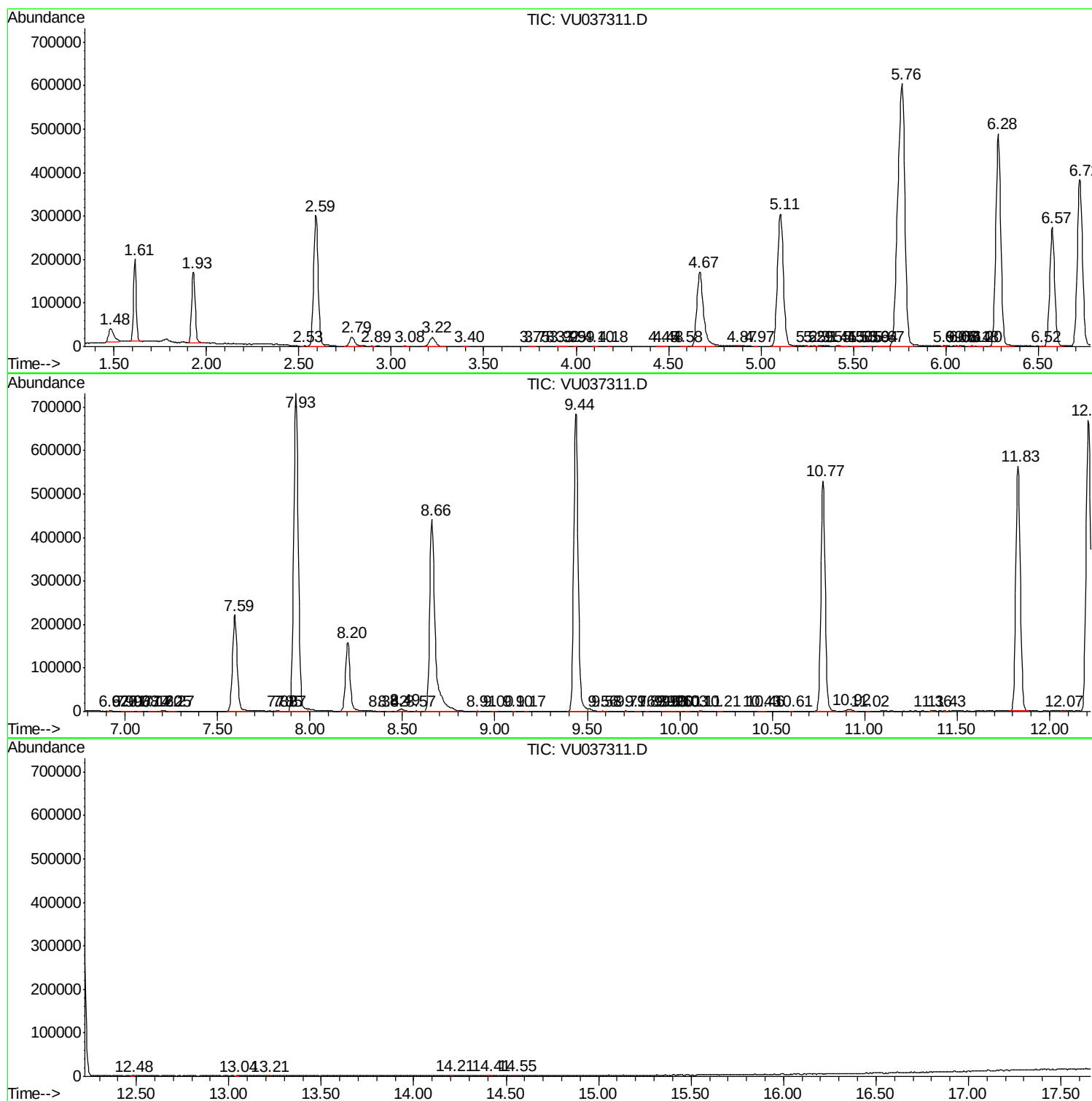
Sum of corrected areas: 12986662

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU031720\
Data File : VU037311.D
Acq On : 17 Mar 2020 13:04
Operator : JC/MD
Sample : L1901-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
CONE9

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.M
Quant Title : VOC Analysis

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



Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU031720\
Data File : VU037311.D
Acq On : 17 Mar 2020 13:04
Operator : JC/MD
Sample : L1901-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 7 Sample Multiplier: 1

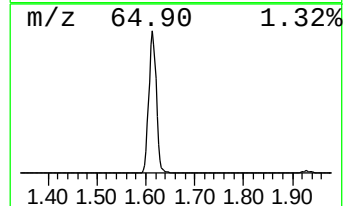
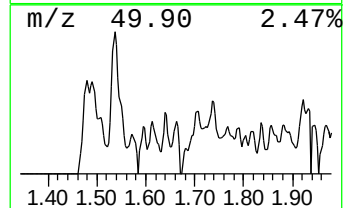
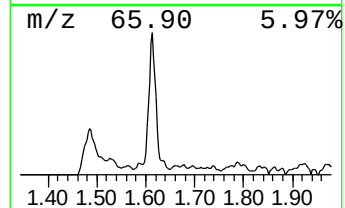
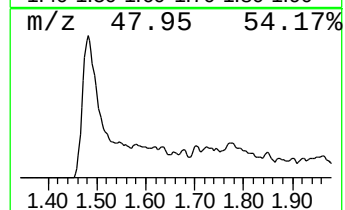
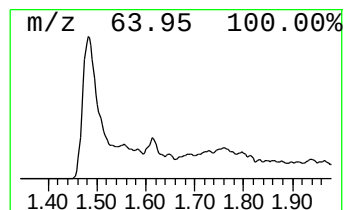
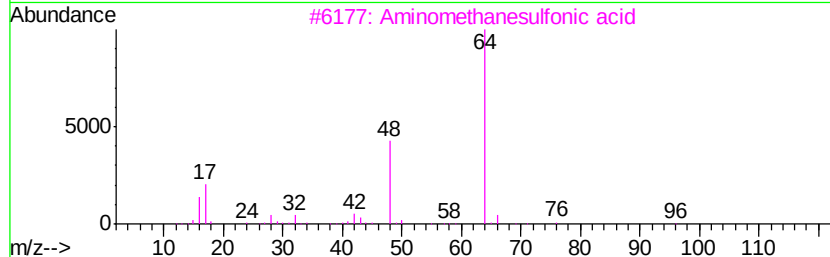
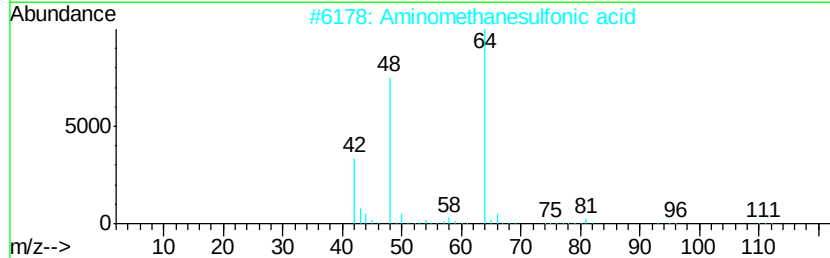
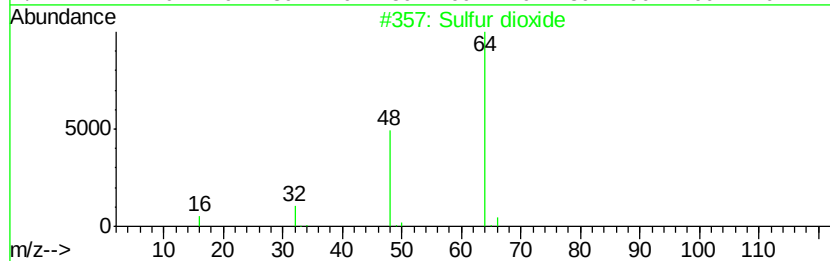
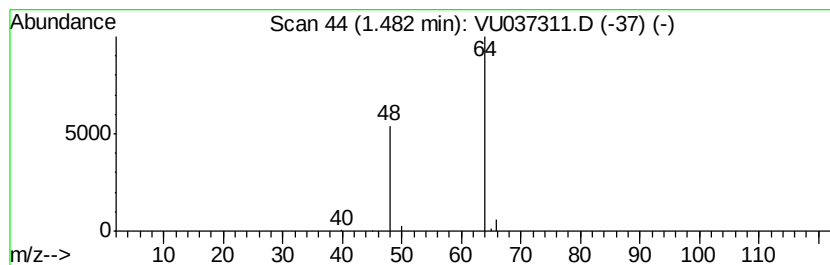
Instrument :
MSVOA_U
ClientSampleId :
CONE9

Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.M
Quant Title : VOC Analysis

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

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.48	3.17 ug/L	58699	1,4-Difluorobenzene	6.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Sulfur dioxide	64 02S	007446-09-5	90
2	Aminomethanesulfonic acid	111 CH5N03S	013881-91-9	64
3	Aminomethanesulfonic acid	111 CH5N03S	013881-91-9	64
4	L-Alanine, 3-sulfo-	169 C3H7N05S	000498-40-8	9
5	Aminomethanesulfonic acid	111 CH5N03S	013881-91-9	9



Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031720\
Data File : VU037311.D
Acq On : 17 Mar 2020 13:04
Operator : JC/MD
Sample : L1901-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0NE9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031220WMA.M
Quant Title : VOC Analysis

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

TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
Sulfur dioxide	1.48	3.2	ug/L	58699	1	6.28	925684	50.0