LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV093020\
Data File : VV018565.D
Acq On : 30 Sep 2020 13:31
Operator : SY/MD
Sample : L4141-07
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

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_V\METHOD\SOMVLM092920WMA.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	1.315	64	70	84	rVB	134072	134815	11.64%	1.437%
2	1.579	145	152	165	rVB	136338	149430	12.91%	1.593%
3	2.122	312	321	349	rVB	279307	427355	36.91%	4.557%
4	2.302	374	377	383	rBV4	993	968	0.08%	0.010%
5	2.473	427	430	435	rBV3	567	556	0.05%	0.006%
6	2.595	465	468	474	rBV3	551	483	0.04%	0.005%
7	2.663	486	489	492	rBV3	466	415	0.04%	0.004%
8	2.765	519	521	523	rBV	431	256	0.02%	0.003%
9	2.881	554	557	558	rBV	315	168	0.01%	0.002%
10	3.196	653	655	659	rVB2	426	298	0.03%	0.003%
11	3.309	688	690	692	rBV	340	144	0.01%	0.002%
12	3.386	711	714	717	rBV2	373	262	0.02%	0.003%
13	3.431	723	728	729	rBV	466	334	0.03%	0.004%
14	3.640	790	793	795	rBV	361	230	0.02%	0.002%
15	3.675	802	804	808	rVB2	362	163	0.01%	0.002%
16	3.743	823	825	828	rVB2	265	121	0.01%	0.001%
17	3.798	840	842	845	rBV2	431	199	0.02%	0.002%
18	3.833	850	853	856	rBV2	283	200	0.02%	0.002%
19	3.917	869	879	913	rBV	89683	282718	24.42%	3.014%
20	4.376	1005	1022	1060	rBV	205120	493579	42.63%	5.263%
21	4.611	1091	1095	1098	rBV2	318	317	0.03%	0.003%
22	4.662	1108	1111	1112	rBV	359	130	0.01%	0.001%
23	4.724	1128	1130	1133	rVB2	258	122	0.01%	0.001%
24	4.769	1142	1144	1149	rVB2	325	260	0.02%	0.003%
25	4.801	1152	1154	1158	rVB2	281	130	0.01%	0.001%
26	4.875	1174	1177	1181	rVB	482	252	0.02%	0.003%
27	4.978	1206	1209	1213	rVB2	395	260	0.02%	0.003%
28	4.997	1213	1215	1218	rBV2	388	228	0.02%	0.002%
29	5.071	1219	1238	1267	rBV2	451223	1157829	100.00%	12.345%
30	5.264	1295	1298	1302	rVB3	533	334	0.03%	0.004%
31	5.293	1305	1307	1310	rBV2	279	142	0.01%	0.002%
32	5.408	1340	1343	1349	rBV2	477	480	0.04%	0.005%
33	5.460	1354	1359	1362	rBV2	354	318	0.03%	0.003%
34	5.515	1373	1376	1377	rBV	385	199	0.02%	0.002%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV093020\
Data File : VV018565.D
Acq On : 30 Sep 2020 13:31
Operator : SY/MD
Sample : L4141-07
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

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_V\METHOD\SOMVLM092920WMA.M
Title : VOC Analysis

35	5.640	1403	1415	1446	rBV	384927	769129	66.43%	8.201%
36	5.929	1494	1505	1524	rBV2	31225	64502	5.57%	0.688%
37	6.023	1531	1534	1537	rVB	294	129	0.01%	0.001%
38	6.042	1537	1540	1542	rBV	246	129	0.01%	0.001%
39	6.093	1542	1556	1581	rBV	261416	529334	45.72%	5.644%
40	6.302	1619	1621	1625	rVB3	494	395	0.03%	0.004%
41	6.502	1681	1683	1690	rVB2	261	160	0.01%	0.002%
42	6.627	1717	1722	1725	rVB2	168	131	0.01%	0.001%
43	6.646	1725	1728	1731	rBV	243	175	0.02%	0.002%
44	6.688	1739	1741	1744	rVB2	291	140	0.01%	0.001%
45	6.791	1770	1773	1776	rBV2	213	146	0.01%	0.002%
46	6.839	1783	1788	1789	rBV	214	138	0.01%	0.001%
47	6.875	1793	1799	1807	rVV2	280	408	0.04%	0.004%
48	7.006	1829	1840	1864	rBV	151996	273794	23.65%	2.919%
49	7.338	1931	1943	1965	rBV	553012	952297	82.25%	10.154%
50	7.643	2027	2038	2068	rBV	109657	191263	16.52%	2.039%
51	7.875	2108	2110	2112	rVB	457	178	0.02%	0.002%
52	7.961	2134	2137	2138	rBV	295	153	0.01%	0.002%
53	8.000	2145	2149	2156	rVB3	1162	1168	0.10%	0.012%
54	8.109	2173	2183	2213	rBV2	255601	501476	43.31%	5.347%
55	8.350	2255	2258	2262	rVB2	657	499	0.04%	0.005%
56	8.405	2272	2275	2278	rBV2	507	329	0.03%	0.004%
57	8.518	2306	2310	2313	rBV2	362	228	0.02%	0.002%
58	8.537	2313	2316	2320	rVB	298	230	0.02%	0.002%
59	8.653	2349	2352	2353	rBV	196	137	0.01%	0.001%
60	8.775	2387	2390	2393	rBV2	353	323	0.03%	0.003%
61	8.829	2404	2407	2409	rBV	464	299	0.03%	0.003%
62	8.871	2409	2420	2453	rVV	597173	974992	84.21%	10.396%
63	9.177	2513	2515	2520	rVB2	421	217	0.02%	0.002%
64	9.235	2529	2533	2535	rBV2	288	236	0.02%	0.003%
65	9.293	2547	2551	2552	rBV2	232	136	0.01%	0.001%
66	9.501	2613	2616	2620	rBV2	416	367	0.03%	0.004%
67	9.563	2632	2635	2638	rBV2	319	209	0.02%	0.002%
68	9.640	2655	2659	2664	rVB2	342	264	0.02%	0.003%
69	9.772	2698	2700	2704	rVB2	339	209	0.02%	0.002%
70	9.884	2729	2735	2737	rBV	315	303	0.03%	0.003%
71	10.145	2813	2816	2819	rBV2	335	245	0.02%	0.003%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV093020\
Data File : VV018565.D
Acq On : 30 Sep 2020 13:31
Operator : SY/MD
Sample : L4141-07
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

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_V\METHOD\SOMVLM092920WMA.M
Title : VOC Analysis

72	10.238	2833	2845	2865	rBV	325324	511121	44.14%	5.450%
73	10.402	2893	2896	2901	rBV2	464	451	0.04%	0.005%
74	10.428	2901	2904	2907	rBV2	279	169	0.01%	0.002%
75	10.447	2907	2910	2913	rBV	221	165	0.01%	0.002%
76	10.466	2913	2916	2919	rBV2	321	273	0.02%	0.003%
77	10.556	2941	2944	2946	rBV2	259	180	0.02%	0.002%
78	10.772	3009	3011	3015	rVB2	302	145	0.01%	0.002%
79	10.845	3031	3034	3037	rBV	237	160	0.01%	0.002%
80	10.919	3054	3057	3059	rBV	218	153	0.01%	0.002%
81	10.971	3071	3073	3077	rVB	218	171	0.01%	0.002%
82	10.993	3077	3080	3082	rBV	250	141	0.01%	0.002%
83	11.054	3096	3099	3105	rBV	256	196	0.02%	0.002%
84	11.128	3117	3122	3126	rBV2	259	289	0.02%	0.003%
85	11.193	3137	3142	3144	rBV	353	269	0.02%	0.003%
86	11.209	3144	3147	3153	rBV3	301	302	0.03%	0.003%
87	11.270	3154	3166	3189	rBV	637333	973802	84.11%	10.383%
88	11.572	3257	3260	3262	rBV	268	176	0.02%	0.002%
89	11.646	3270	3283	3308	rVV	616942	969559	83.74%	10.338%
90	11.874	3352	3354	3357	rVB2	322	160	0.01%	0.002%
91	11.894	3358	3360	3365	rBV3	284	261	0.02%	0.003%
92	12.199	3453	3455	3458	rBV	380	168	0.01%	0.002%
93	12.405	3518	3519	3522	rBV2	213	132	0.01%	0.001%
94	12.633	3586	3590	3593	rBV2	388	317	0.03%	0.003%
95	12.675	3598	3603	3607	rVV3	485	506	0.04%	0.005%
96	13.228	3773	3775	3781	rBV	318	218	0.02%	0.002%
97	13.543	3870	3873	3874	rBV2	326	167	0.01%	0.002%
98	13.591	3885	3888	3890	rBV2	429	255	0.02%	0.003%
99	13.787	3947	3949	3952	rBV	405	212	0.02%	0.002%
100	14.302	4105	4109	4114	rBV3	636	557	0.05%	0.006%

Sum of corrected areas: 9378838

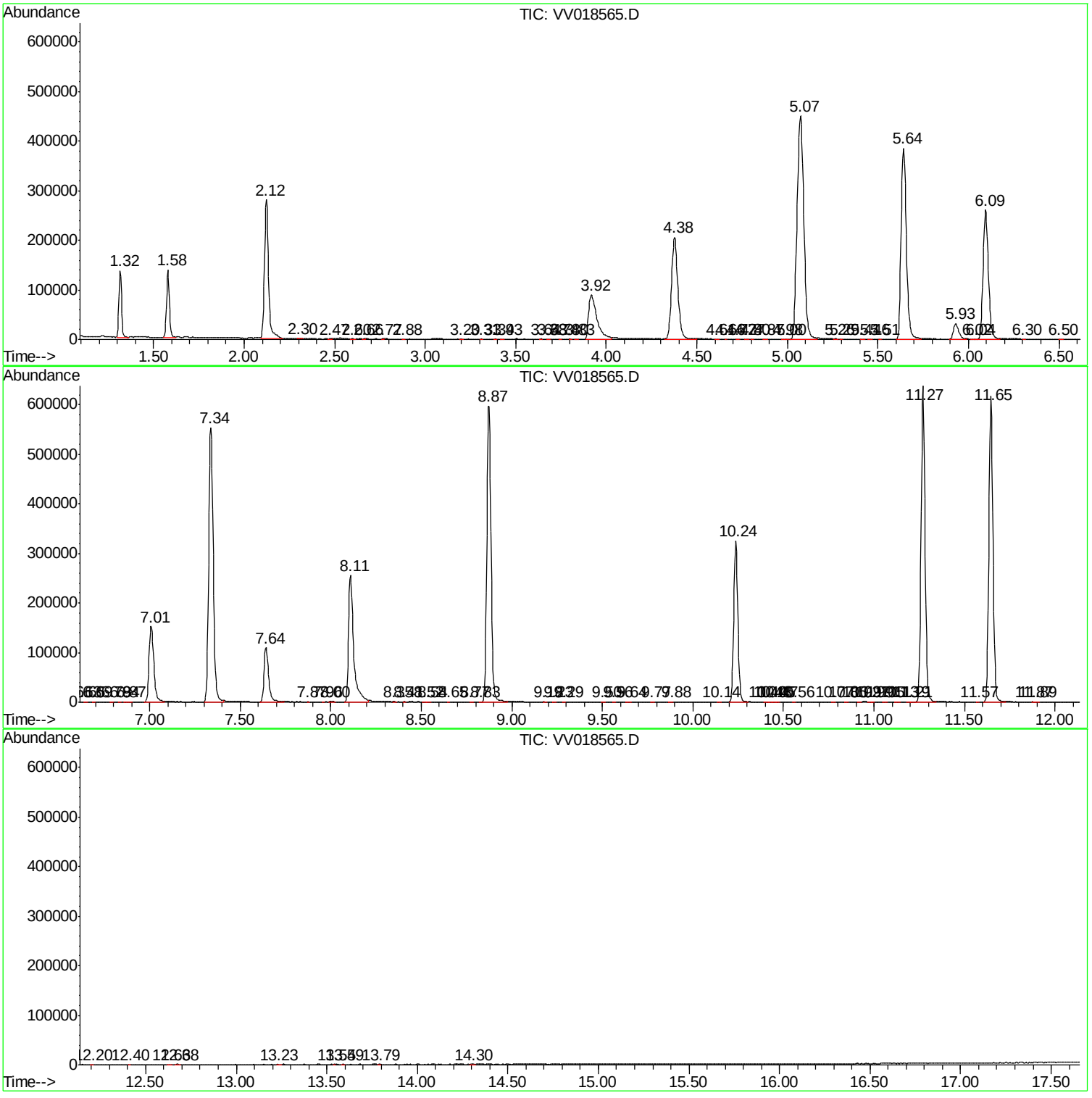
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018565.D
Acq On : 30 Sep 2020 13:31
Operator : SY/MD
Sample : L4141-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.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_V\DATA\VV093020\
Data File : VV018565.D
Acq On : 30 Sep 2020 13:31
Operator : SY/MD
Sample : L4141-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
Quant Title : VOC Analysis

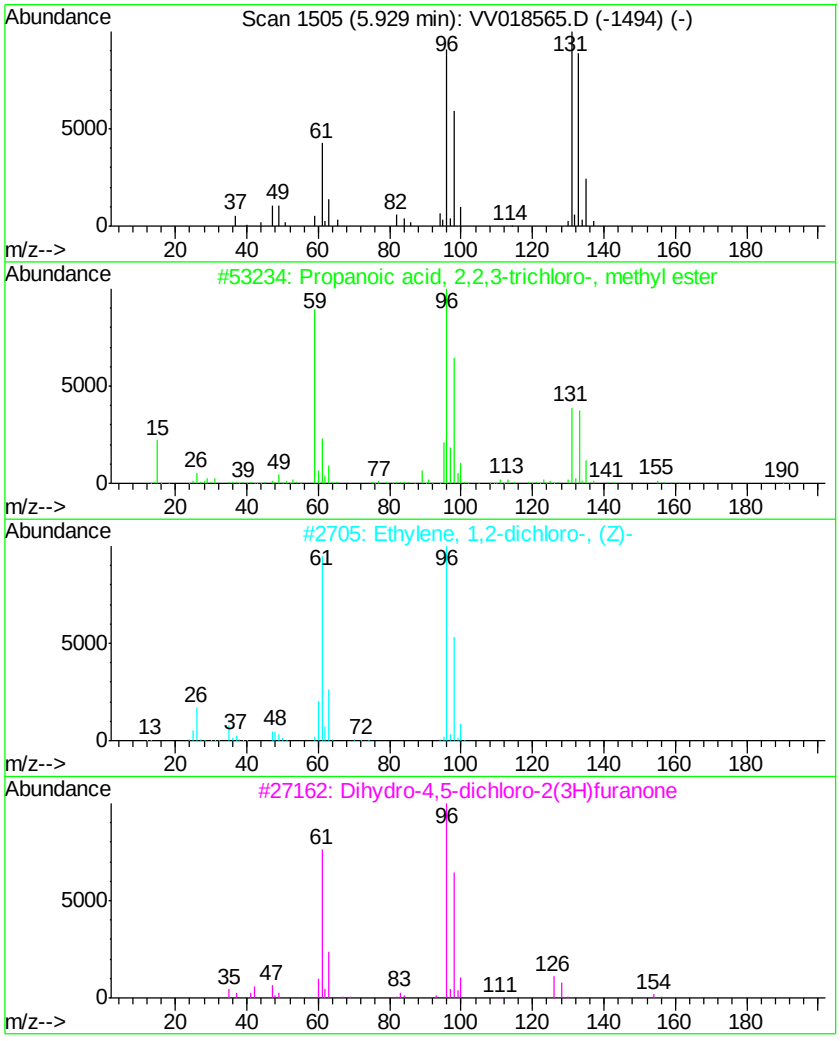
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

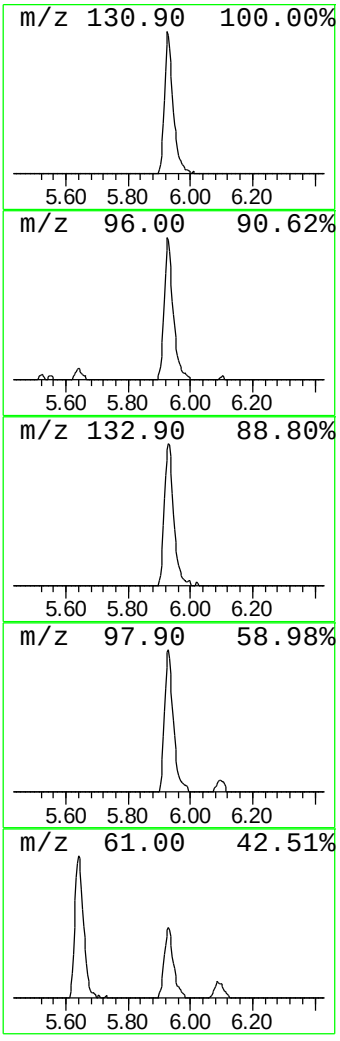
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	4.19 ug/L	64502	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	39
2	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	38
3	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	35
4	Benzoxazole, 2-methyl-	133	C8H7NO	000095-21-6	9
5	Furfural	96	C5H4O2	000098-01-1	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV093020\
Data File : VV018565.D
Acq On : 30 Sep 2020 13:31
Operator : SY/MD
Sample : L4141-07
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VHBLK01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.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
unknown-01	5.93	4.2	ug/L	64502	1	5.64	769129	50.0