LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091319\
Data File : VV012761.D
Acq On : 14 Sep 2019 12:04
Operator : SY/MD
Sample : K4707-04DL 100X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0CJ5DL

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\SOMVLM091319WMA.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	1.319	64	71	89	rVB	307310	312866	2.80%	0.719%
2	1.579	145	152	173	rVB	267943	325011	2.91%	0.747%
3	2.129	312	323	337	rBV	547614	777059	6.97%	1.786%
4	2.393	402	405	408	rBV3	1061	741	0.01%	0.002%
5	2.444	420	421	423	rBV2	934	467	0.00%	0.001%
6	2.534	445	449	457	rVB6	3746	4858	0.04%	0.011%
7	2.650	476	485	486	rBV2	10140	11909	0.11%	0.027%
8	2.704	499	502	505	rVB4	828	620	0.01%	0.001%
9	2.724	505	508	516	rBV6	1191	1011	0.01%	0.002%
10	2.788	520	528	533	rBV9	1508	2419	0.02%	0.006%
11	2.881	555	557	563	rVB5	780	604	0.01%	0.001%
12	2.910	563	566	568	rBV2	737	452	0.00%	0.001%
13	2.984	586	589	591	rBV2	745	486	0.00%	0.001%
14	3.081	615	619	622	rVV4	821	576	0.01%	0.001%
15	3.225	660	664	670	rBV5	1022	1361	0.01%	0.003%
16	3.370	706	709	711	rVB2	1043	580	0.01%	0.001%
17	3.444	728	732	737	rBV4	840	984	0.01%	0.002%
18	3.502	746	750	752	rBV4	970	619	0.01%	0.001%
19	3.688	806	808	813	rVB3	1124	846	0.01%	0.002%
20	3.791	835	840	841	rBV4	1617	1081	0.01%	0.002%
21	3.923	868	881	911	rBV	290732	792183	7.10%	1.821%
22	4.399	1012	1029	1052	rBV	503038	1230465	11.03%	2.829%
23	4.621	1095	1098	1101	rBV3	1120	594	0.01%	0.001%
24	4.711	1123	1126	1127	rBV2	837	437	0.00%	0.001%
25	4.817	1157	1159	1164	rVB3	968	870	0.01%	0.002%
26	4.875	1164	1177	1194	rVB7	7115	18856	0.17%	0.043%
27	4.949	1194	1200	1204	rBV7	1022	1181	0.01%	0.003%
28	5.093	1225	1245	1253	rBV2	1130294	2768604	24.82%	6.365%
29	5.431	1347	1350	1352	rBV3	1024	692	0.01%	0.002%
30	5.585	1395	1398	1402	rVB5	1709	1347	0.01%	0.003%
31	5.663	1407	1422	1446	rBV	903584	1775667	15.92%	4.082%
32	5.946	1497	1510	1527	rBV	107990	217578	1.95%	0.500%
33	6.116	1546	1563	1590	rBV	713921	1428876	12.81%	3.285%
34	6.566	1701	1703	1707	rVB3	1587	969	0.01%	0.002%

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Sample : K4707-04DL 100X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0CJ5DL

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\SOMVLM091319WMA.M
Title : VOC Analysis

35	6.650	1719	1729	1740	rBV6	6037	13869	0.12%	0.032%
36	6.791	1770	1773	1775	rBV2	779	500	0.00%	0.001%
37	6.900	1803	1807	1809	rBV2	753	586	0.01%	0.001%
38	6.923	1809	1814	1817	rBV3	1348	1056	0.01%	0.002%
39	7.029	1833	1847	1866	rBV	345367	620374	5.56%	1.426%
40	7.171	1885	1891	1893	rBV5	3264	3235	0.03%	0.007%
41	7.257	1915	1918	1920	rBV3	779	509	0.00%	0.001%
42	7.357	1936	1949	1968	rBV	1245355	2161519	19.38%	4.969%
43	7.662	2027	2044	2064	rBV	246346	420475	3.77%	0.967%
44	7.772	2076	2078	2080	rBV3	883	484	0.00%	0.001%
45	7.849	2100	2102	2107	rBV4	1169	1145	0.01%	0.003%
46	7.900	2113	2118	2120	rBV6	920	677	0.01%	0.002%
47	7.962	2131	2137	2138	rBV3	982	845	0.01%	0.002%
48	8.068	2166	2170	2175	rVB3	795	802	0.01%	0.002%
49	8.129	2175	2189	2236	rBV2	768742	1602800	14.37%	3.685%
50	8.537	2313	2316	2320	rVB3	1115	702	0.01%	0.002%
51	8.566	2320	2325	2327	rBV4	932	969	0.01%	0.002%
52	8.595	2332	2334	2337	rBV4	709	496	0.00%	0.001%
53	8.646	2347	2350	2354	rBV2	1000	577	0.01%	0.001%
54	8.794	2391	2396	2398	rBV4	890	706	0.01%	0.002%
55	8.923	2413	2436	2475	rBV2	5637365	11154823	100.00%	25.644%
56	9.180	2512	2516	2526	rVB8	2693	3810	0.03%	0.009%
57	9.318	2557	2559	2563	rVV3	961	641	0.01%	0.001%
58	9.341	2563	2566	2569	rVB2	1189	767	0.01%	0.002%
59	9.424	2589	2592	2595	rVB3	954	714	0.01%	0.002%
60	9.473	2598	2607	2616	rBV8	852	1557	0.01%	0.004%
61	9.508	2616	2618	2621	rBV2	780	436	0.00%	0.001%
62	9.588	2637	2643	2644	rBV5	1810	1758	0.02%	0.004%
63	9.842	2719	2722	2726	rVB5	786	656	0.01%	0.002%
64	9.881	2730	2734	2737	rBV6	513	444	0.00%	0.001%
65	9.971	2758	2762	2767	rVB5	2007	1669	0.01%	0.004%
66	10.029	2777	2780	2783	rBV2	594	444	0.00%	0.001%
67	10.064	2789	2791	2795	rVB3	1124	830	0.01%	0.002%
68	10.090	2795	2799	2803	rBV4	788	713	0.01%	0.002%
69	10.170	2820	2824	2825	rBV3	852	576	0.01%	0.001%
70	10.257	2837	2851	2871	rBV	877469	1379775	12.37%	3.172%
71	10.405	2893	2897	2899	rBV3	707	594	0.01%	0.001%

LSC Area Percent Report

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Operator : SY/MD
Sample : K4707-04DL 100X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0CJ5DL

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\SOMVLM091319WMA.M
Title : VOC Analysis

72	10.473	2914	2918	2921	rBV3	1176	854	0.01%	0.002%
73	10.563	2943	2946	2948	rBV4	661	439	0.00%	0.001%
74	10.678	2978	2982	2985	rBV4	715	561	0.01%	0.001%
75	10.749	3001	3004	3008	rBV3	941	581	0.01%	0.001%
76	10.846	3030	3034	3036	rBV3	1031	827	0.01%	0.002%
77	10.955	3062	3068	3069	rBV4	896	895	0.01%	0.002%
78	11.013	3083	3086	3088	rVB3	828	492	0.00%	0.001%
79	11.064	3099	3102	3104	rBV2	730	500	0.00%	0.001%
80	11.141	3121	3126	3129	rBV3	691	590	0.01%	0.001%
81	11.225	3140	3152	3162	rBV	292445	457072	4.10%	1.051%
82	11.315	3162	3180	3204	rVB2	2980448	6233398	55.88%	14.330%
83	11.473	3228	3229	3232	rBV3	859	560	0.01%	0.001%
84	11.579	3258	3262	3266	rBV6	1649	1773	0.02%	0.004%
85	11.685	3277	3295	3318	rBV2	4317875	8490885	76.12%	19.520%
86	12.010	3392	3396	3401	rBV6	796	567	0.01%	0.001%
87	12.289	3481	3483	3490	rVB3	1992	1541	0.01%	0.004%
88	12.331	3493	3496	3498	rBV3	860	544	0.00%	0.001%
89	12.447	3523	3532	3539	rBV9	4335	7033	0.06%	0.016%
90	12.691	3601	3608	3611	rBV7	3541	4320	0.04%	0.010%
91	12.791	3634	3639	3651	rVB10	2321	3883	0.03%	0.009%
92	12.842	3651	3655	3658	rBV3	892	810	0.01%	0.002%
93	13.006	3702	3706	3707	rBV3	718	530	0.00%	0.001%
94	13.222	3770	3773	3775	rBV2	607	447	0.00%	0.001%
95	13.305	3783	3799	3821	rBV	578996	913265	8.19%	2.100%
96	13.553	3871	3876	3883	rVB5	4405	5794	0.05%	0.013%
97	13.791	3938	3950	3963	rBV	176809	284347	2.55%	0.654%
98	13.961	4000	4003	4004	rBV2	1131	641	0.01%	0.001%
99	14.219	4081	4083	4086	rBV3	850	530	0.00%	0.001%
100	15.450	4458	4466	4479	rBV8	11621	19807	0.18%	0.046%

Sum of corrected areas: 43498888

LSC Report - Integrated Chromatogram

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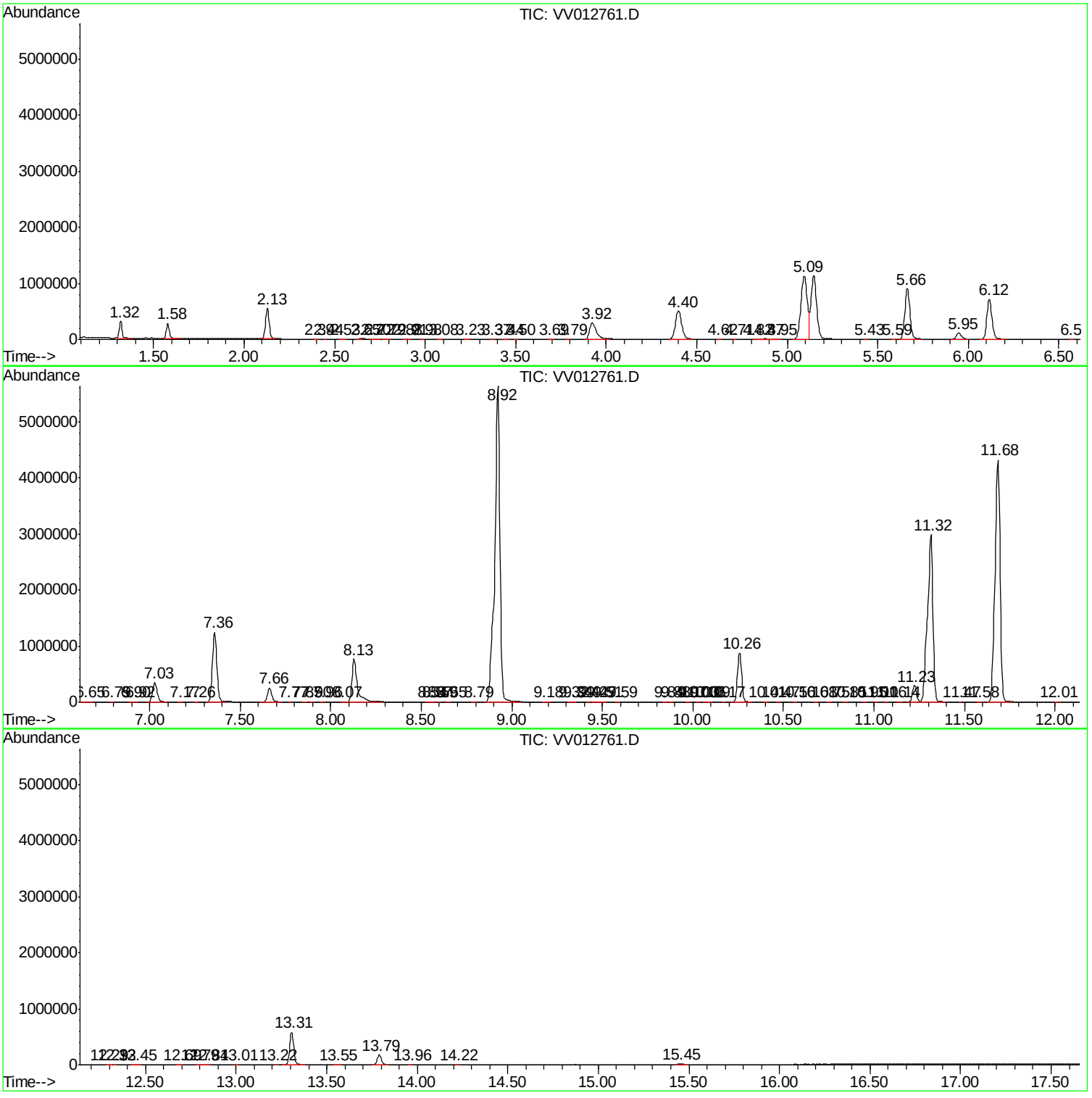
Acq On : 14 Sep 2019 12:04
Operator : SY/MD
Sample : K4707-04DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0CJ5DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.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\VV091319\
Data File : VV012761.D
Acq On : 14 Sep 2019 12:04
Operator : SY/MD
Sample : K4707-04DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0CJ5DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.M
Quant Title : VOC Analysis

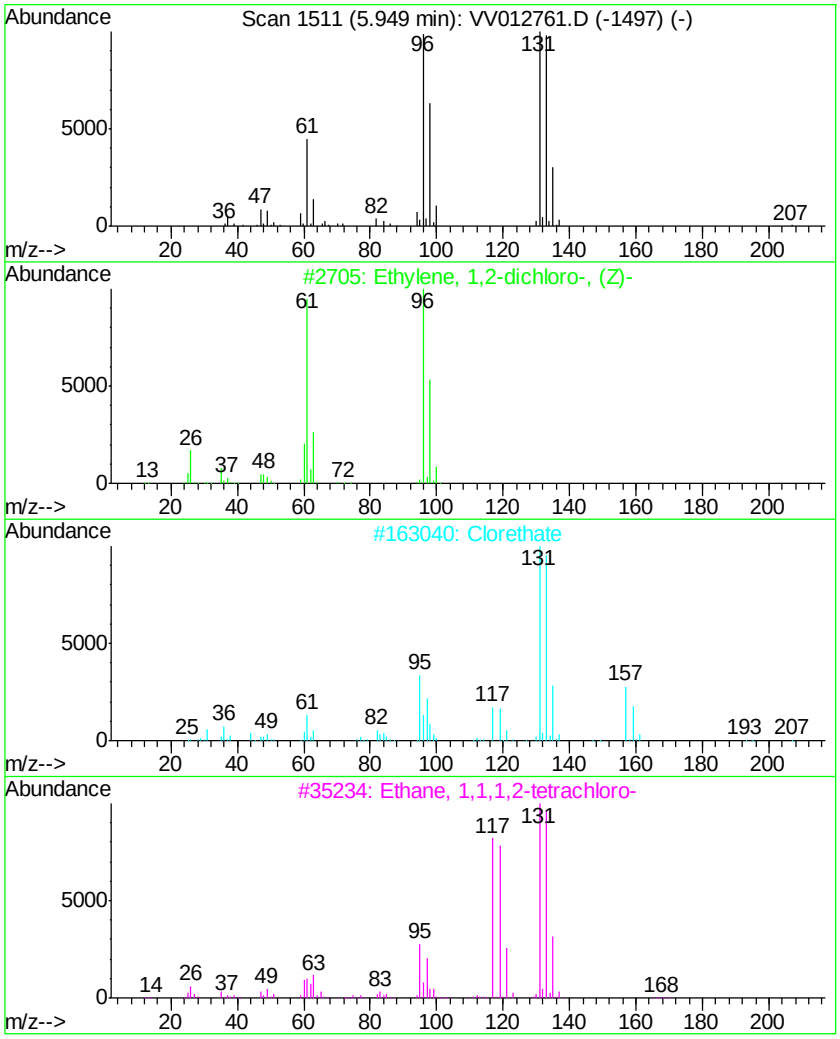
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

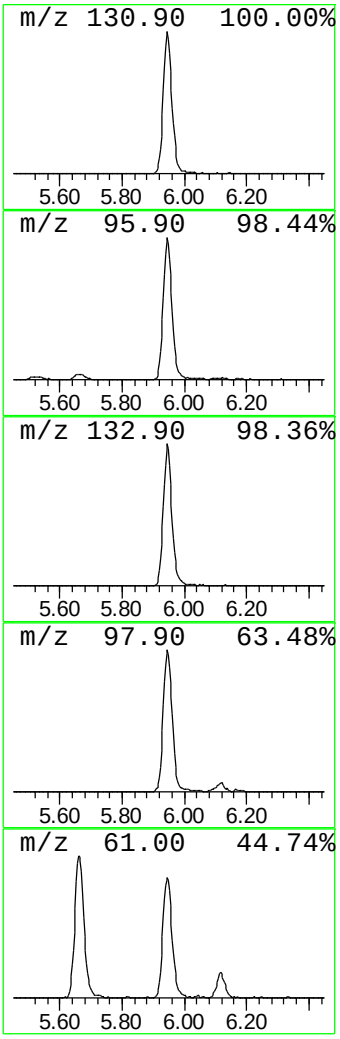
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	6.13 ug/L	217578	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	38
2	Clorethate	322	C5H4Cl6O3	005634-37-7	25
3	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	25
4	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	25
5	2-Cyano-3,5-dimethylpyrazine	133	C7H7N3	124629-52-3	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV091319\
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ClientSampleId : C0CJ5DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM091319WMA.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	5.95	6.1	ug/L	217578	1	5.66	1775670	50.0