LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101420\
Data File : VV018899.D
Acq On : 14 Oct 2020 17:33
Operator : SY/MD
Sample : L4289-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AJ8

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\SOMVLM101420WMA.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	63	71	86	rVB2	346059	369554	26.81%	3.503%
2	1.579	144	152	169	rBV	163016	189986	13.78%	1.801%
3	2.122	310	321	348	rVB	333641	512115	37.15%	4.854%
4	2.312	370	380	391	rBV	5522	8713	0.63%	0.083%
5	2.354	391	393	399	rVB3	822	638	0.05%	0.006%
6	2.460	423	426	429	rVB2	671	444	0.03%	0.004%
7	2.531	438	448	457	rVB5	3537	6524	0.47%	0.062%
8	2.585	462	465	470	rBV3	423	346	0.03%	0.003%
9	2.785	514	527	537	rBV3	8056	15680	1.14%	0.149%
10	3.013	595	598	601	rBV2	448	300	0.02%	0.003%
11	3.209	654	659	671	rVB4	1533	2622	0.19%	0.025%
12	3.315	689	692	696	rVB3	501	358	0.03%	0.003%
13	3.354	696	704	707	rBV3	449	647	0.05%	0.006%
14	3.566	768	770	777	rVB2	541	428	0.03%	0.004%
15	3.659	796	799	803	rVB3	486	319	0.02%	0.003%
16	3.810	838	846	847	rBV2	350	300	0.02%	0.003%
17	3.933	864	884	914	rBV3	148893	518734	37.63%	4.917%
18	4.196	964	966	969	rVB3	829	369	0.03%	0.003%
19	4.280	986	992	997	rBV4	1216	1709	0.12%	0.016%
20	4.373	1004	1021	1050	rBV	214044	534774	38.80%	5.069%
21	4.566	1079	1081	1084	rVB	866	443	0.03%	0.004%
22	4.589	1084	1088	1090	rBV	657	552	0.04%	0.005%
23	4.624	1093	1099	1100	rBV2	1258	1017	0.07%	0.010%
24	4.707	1114	1125	1132	rBV7	2592	5346	0.39%	0.051%
25	4.830	1157	1163	1164	rVV3	860	614	0.04%	0.006%
26	4.855	1166	1171	1183	rVB4	2103	3528	0.26%	0.033%
27	5.071	1220	1238	1284	rBV2	527652	1378371	100.00%	13.064%
28	5.325	1315	1317	1320	rVB4	577	301	0.02%	0.003%
29	5.460	1356	1359	1364	rVB3	527	395	0.03%	0.004%
30	5.640	1403	1415	1443	rBV	344478	690911	50.13%	6.548%
31	5.836	1474	1476	1480	rVV2	606	364	0.03%	0.003%
32	5.865	1483	1485	1488	rVB2	514	298	0.02%	0.003%
33	5.929	1491	1505	1527	rBV5	23437	54464	3.95%	0.516%
34	6.093	1541	1556	1586	rBV	298811	626912	45.48%	5.942%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101420\
Data File : VV018899.D
Acq On : 14 Oct 2020 17:33
Operator : SY/MD
Sample : L4289-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AJ8

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\SOMVLM101420WMA.M
Title : VOC Analysis

35	6.289	1613	1617	1619	rBV2	707	477	0.03%	0.005%
36	6.351	1634	1636	1641	rBV2	437	354	0.03%	0.003%
37	6.376	1641	1644	1651	rVB3	573	545	0.04%	0.005%
38	6.415	1651	1656	1660	rBV4	386	405	0.03%	0.004%
39	6.444	1660	1665	1668	rBV3	342	349	0.03%	0.003%
40	6.498	1679	1682	1686	rBV2	747	518	0.04%	0.005%
41	6.537	1686	1694	1702	rBV3	1636	2842	0.21%	0.027%
42	6.788	1768	1772	1776	rBV2	353	316	0.02%	0.003%
43	6.814	1776	1780	1786	rVB2	420	489	0.04%	0.005%
44	7.006	1826	1840	1870	rBV	164684	305536	22.17%	2.896%
45	7.257	1912	1918	1929	rBV5	2891	4452	0.32%	0.042%
46	7.338	1931	1943	1959	rVV	619701	1062910	77.11%	10.074%
47	7.415	1960	1967	1982	rVB	27478	52182	3.79%	0.495%
48	7.502	1992	1994	1997	rVB3	603	322	0.02%	0.003%
49	7.547	2004	2008	2010	rBV2	793	729	0.05%	0.007%
50	7.640	2028	2037	2061	rBV	116418	206294	14.97%	1.955%
51	7.868	2098	2108	2118	rVB7	3494	5010	0.36%	0.047%
52	7.952	2126	2134	2138	rBV4	570	833	0.06%	0.008%
53	8.000	2142	2149	2157	rBV4	4112	6865	0.50%	0.065%
54	8.109	2172	2183	2215	rBV2	284315	582450	42.26%	5.520%
55	8.376	2264	2266	2277	rVB7	1750	2156	0.16%	0.020%
56	8.534	2312	2315	2319	rVV2	429	347	0.03%	0.003%
57	8.556	2319	2322	2325	rVB3	567	350	0.03%	0.003%
58	8.575	2325	2328	2333	rBV3	375	344	0.02%	0.003%
59	8.601	2333	2336	2341	rVB4	572	517	0.04%	0.005%
60	8.871	2408	2420	2439	rBV	542595	879857	63.83%	8.339%
61	9.039	2465	2472	2483	rVB3	6910	11169	0.81%	0.106%
62	9.167	2498	2512	2522	rBV3	6028	11122	0.81%	0.105%
63	9.254	2535	2539	2544	rBV3	370	333	0.02%	0.003%
64	9.521	2619	2622	2624	rVV	468	296	0.02%	0.003%
65	9.569	2628	2637	2656	rVV5	6070	15858	1.15%	0.150%
66	9.755	2690	2695	2701	rVB3	1133	1358	0.10%	0.013%
67	9.858	2722	2727	2732	rBV2	656	677	0.05%	0.006%
68	9.955	2749	2757	2766	rBV3	5457	7639	0.55%	0.072%
69	10.048	2781	2786	2790	rBV3	357	356	0.03%	0.003%
70	10.238	2832	2845	2861	rBV	344125	545666	39.59%	5.172%
71	10.566	2936	2947	2955	rBV2	4861	7591	0.55%	0.072%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101420\
Data File : VV018899.D
Acq On : 14 Oct 2020 17:33
Operator : SY/MD
Sample : L4289-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AJ8

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\SOMVLM101420WMA.M
Title : VOC Analysis

72	10.598	2955	2957	2963	rVV4	836	737	0.05%	0.007%
73	10.624	2963	2965	2973	rVB3	652	640	0.05%	0.006%
74	10.662	2973	2977	2980	rBV2	402	360	0.03%	0.003%
75	10.788	3012	3016	3017	rBV2	660	460	0.03%	0.004%
76	10.845	3031	3034	3040	rVB3	593	451	0.03%	0.004%
77	10.939	3055	3063	3076	rVB3	4188	6894	0.50%	0.065%
78	11.045	3093	3096	3099	rBV2	332	295	0.02%	0.003%
79	11.161	3129	3132	3138	rVB	504	464	0.03%	0.004%
80	11.209	3138	3147	3154	rBV4	5591	8856	0.64%	0.084%
81	11.270	3154	3166	3186	rBV	532031	833997	60.51%	7.905%
82	11.646	3269	3283	3303	rBV	637127	998369	72.43%	9.462%
83	12.051	3406	3409	3413	rBV2	463	304	0.02%	0.003%
84	12.456	3529	3535	3545	rVB6	802	1359	0.10%	0.013%
85	12.685	3594	3606	3616	rBV8	15638	26127	1.90%	0.248%
86	12.826	3647	3650	3654	rBV2	419	390	0.03%	0.004%
87	12.916	3674	3678	3680	rBV2	428	375	0.03%	0.004%
88	12.948	3685	3688	3693	rBV3	501	478	0.03%	0.005%
89	13.186	3755	3762	3766	rVV3	1596	1939	0.14%	0.018%
90	13.241	3775	3779	3781	rBV	559	367	0.03%	0.003%
91	13.292	3786	3795	3806	rVV8	3718	6312	0.46%	0.060%
92	13.366	3814	3818	3822	rBV2	506	502	0.04%	0.005%
93	13.437	3835	3840	3845	rBV3	557	705	0.05%	0.007%
94	13.530	3865	3869	3881	rVB5	3102	4523	0.33%	0.043%
95	13.775	3936	3945	3958	rVV6	3639	5689	0.41%	0.054%
96	13.990	4009	4012	4017	rBV3	651	653	0.05%	0.006%
97	14.254	4090	4094	4097	rBV	643	600	0.04%	0.006%
98	14.942	4304	4308	4311	rBV2	646	530	0.04%	0.005%
99	15.771	4563	4566	4568	rBV2	790	535	0.04%	0.005%
100	16.221	4704	4706	4708	rBV2	841	373	0.03%	0.004%

Sum of corrected areas: 10550874

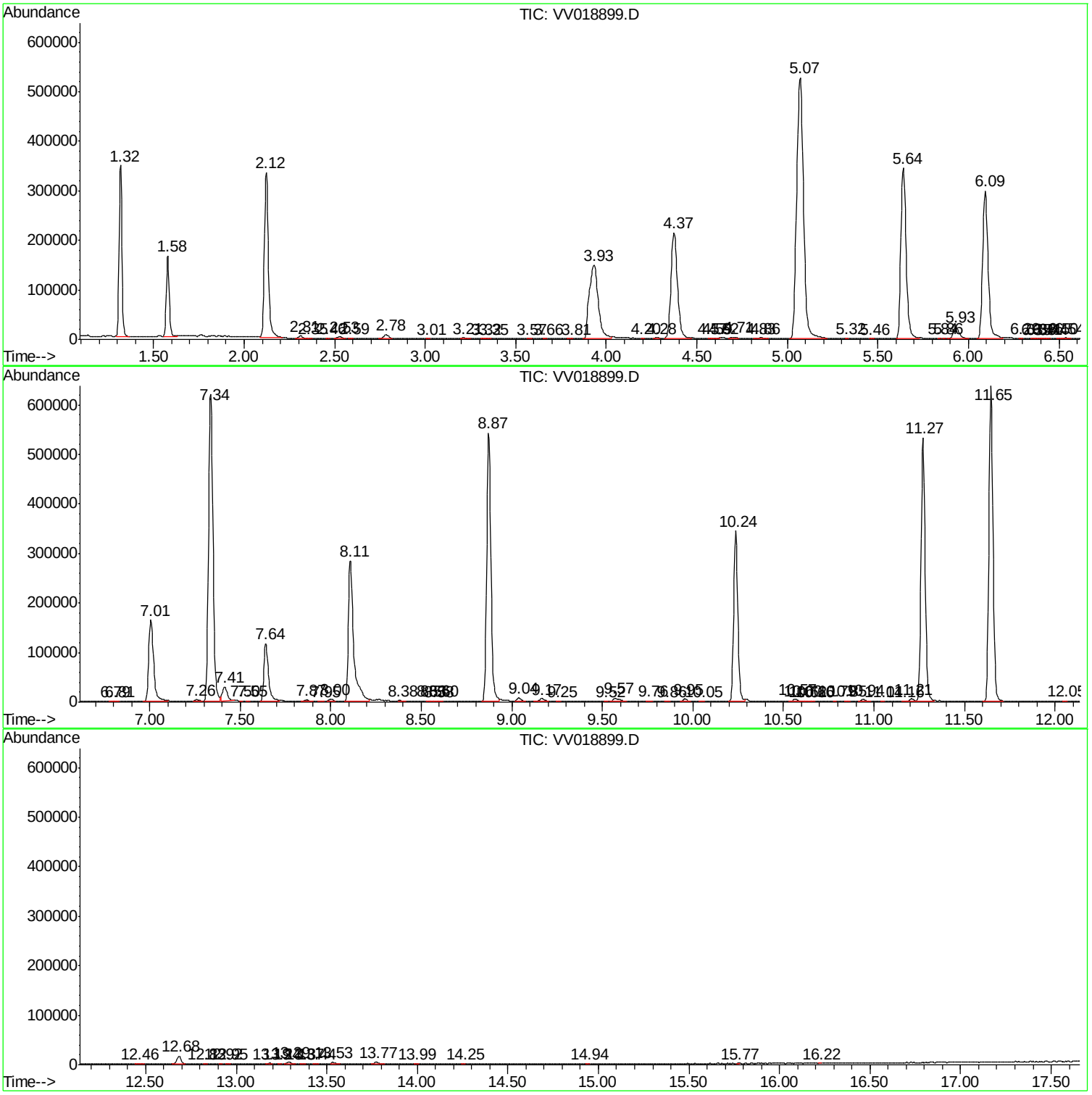
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101420\
Data File : VV018899.D
Acq On : 14 Oct 2020 17:33
Operator : SY/MD
Sample : L4289-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AJ8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.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\VV101420\
Data File : VV018899.D
Acq On : 14 Oct 2020 17:33
Operator : SY/MD
Sample : L4289-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AJ8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
Quant Title : VOC Analysis

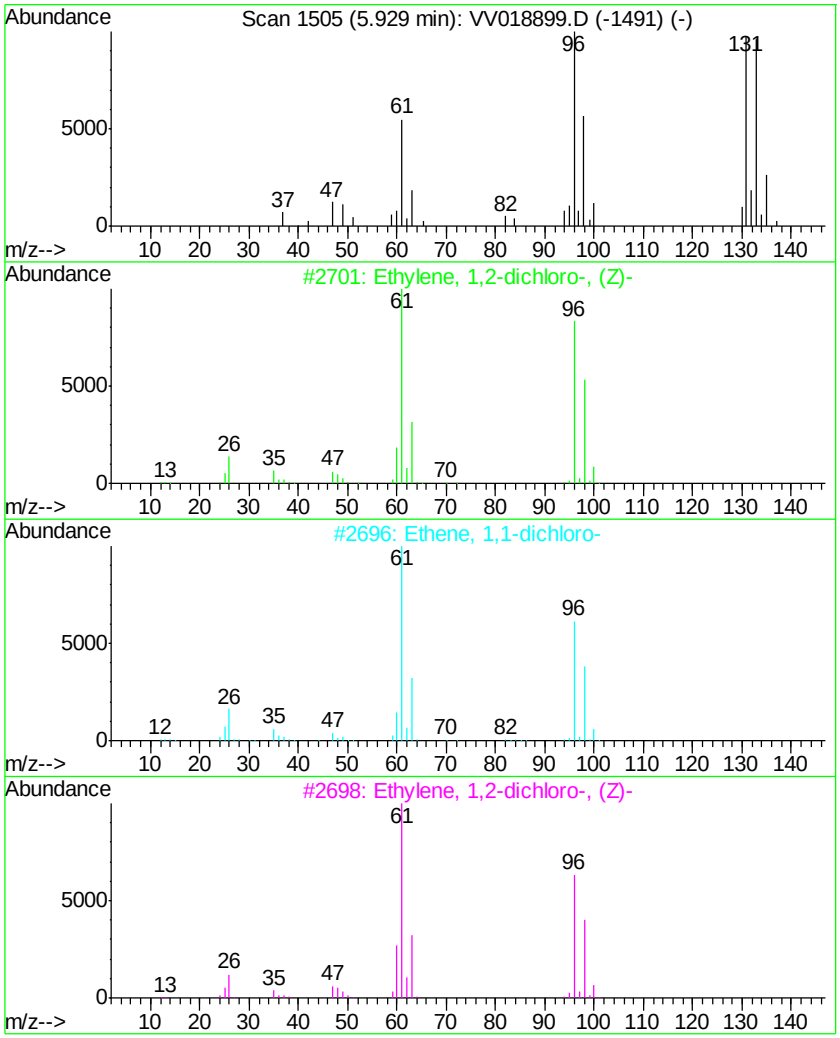
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

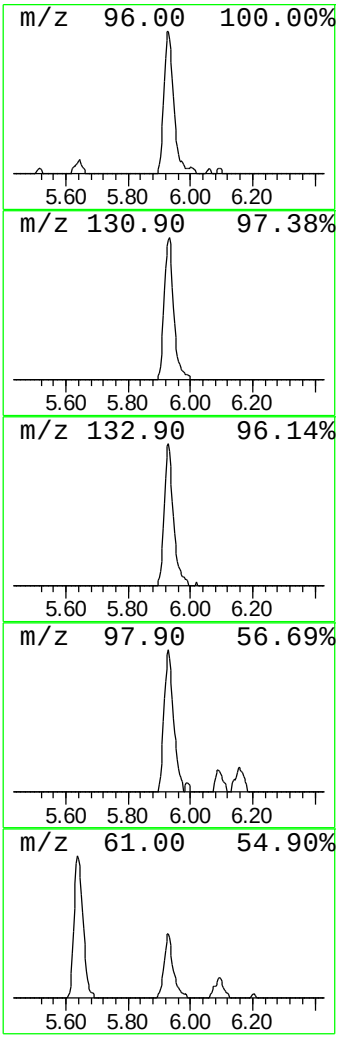
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	3.94 ug/L	54464	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	30
2	Ethene, 1,1-dichloro-	96	C2H2Cl2	000075-35-4	30
3	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	27
4	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	27
5	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101420\
Data File : VV018899.D
Acq On : 14 Oct 2020 17:33
Operator : SY/MD
Sample : L4289-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AJ8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.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	3.9	ug/L	54464	1	5.64	690911	50.0