LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081720\
Data File : VV018023.D
Acq On : 17 Aug 2020 14:01
Operator : SY/MD
Sample : L3665-19 20X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4L40

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\SOMVLM081120WMA.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	1.316	63	70	83	rVB	144229	145226	14.79%	1.966%
2	1.579	144	152	165	rBV	121139	136826	13.94%	1.852%
3	2.123	310	321	349	rVB	243572	375572	38.26%	5.084%
4	2.277	367	369	373	rVB3	198	140	0.01%	0.002%
5	2.309	373	379	388	rVB3	722	1027	0.10%	0.014%
6	2.406	406	409	415	rVB2	353	253	0.03%	0.003%
7	2.528	439	447	461	rVB3	2127	3183	0.32%	0.043%
8	2.624	475	477	478	rBV3	256	136	0.01%	0.002%
9	2.785	518	527	541	rVB3	2880	5263	0.54%	0.071%
10	2.836	541	543	547	rVB	166	102	0.01%	0.001%
11	2.862	547	551	558	rBV2	206	240	0.02%	0.003%
12	2.917	564	568	570	rBV	112	100	0.01%	0.001%
13	2.955	576	580	583	rBV	120	97	0.01%	0.001%
14	3.129	631	634	640	rBV2	143	149	0.02%	0.002%
15	3.168	640	646	650	rBV	148	150	0.02%	0.002%
16	3.203	652	657	661	rVB2	129	132	0.01%	0.002%
17	3.598	776	780	783	rBV2	140	109	0.01%	0.001%
18	3.653	791	797	800	rBV2	115	97	0.01%	0.001%
19	3.676	800	804	806	rBV2	133	92	0.01%	0.001%
20	3.737	817	823	825	rBV2	125	124	0.01%	0.002%
21	3.836	848	854	862	rBV2	166	220	0.02%	0.003%
22	3.913	865	878	922	rBV2	69337	232756	23.71%	3.151%
23	4.145	948	950	952	rBV2	232	107	0.01%	0.001%
24	4.209	967	970	975	rVB3	238	188	0.02%	0.003%
25	4.280	989	992	995	rBV2	132	99	0.01%	0.001%
26	4.376	1005	1022	1052	rVV	157194	385604	39.28%	5.220%
27	4.534	1068	1071	1077	rVB4	410	407	0.04%	0.006%
28	4.563	1077	1080	1082	rVB	225	107	0.01%	0.001%
29	4.582	1082	1086	1090	rBV2	286	224	0.02%	0.003%
30	4.698	1120	1122	1125	rVB	236	100	0.01%	0.001%
31	4.724	1125	1130	1132	rBV2	127	114	0.01%	0.002%
32	4.817	1155	1159	1165	rBV2	88	95	0.01%	0.001%
33	4.962	1199	1204	1209	rVB2	124	143	0.01%	0.002%
34	4.994	1209	1214	1219	rBV2	139	127	0.01%	0.002%

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Sample : L3665-19 20X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4L40

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Title : VOC Analysis

35	5.071	1219	1238	1273	rBV2	382349	981672	100.00%	13.288%
36	5.386	1333	1336	1337	rBV	216	123	0.01%	0.002%
37	5.460	1356	1359	1362	rBV	164	120	0.01%	0.002%
38	5.502	1369	1372	1377	rVB	174	119	0.01%	0.002%
39	5.528	1377	1380	1384	rBV	246	152	0.02%	0.002%
40	5.643	1397	1416	1451	rBV	293372	589063	60.01%	7.974%
41	5.929	1495	1505	1520	rBV	16088	32741	3.34%	0.443%
42	6.093	1543	1556	1590	rBV	220491	443425	45.17%	6.002%
43	6.235	1595	1600	1602	rVV	570	386	0.04%	0.005%
44	6.251	1602	1605	1612	rVB4	329	335	0.03%	0.005%
45	6.293	1613	1618	1621	rBV2	149	112	0.01%	0.002%
46	6.447	1663	1666	1669	rBV2	175	153	0.02%	0.002%
47	6.714	1742	1749	1752	rVB2	149	128	0.01%	0.002%
48	6.743	1752	1758	1760	rBV2	122	110	0.01%	0.001%
49	6.901	1801	1807	1811	rVB2	137	184	0.02%	0.002%
50	7.007	1830	1840	1868	rBV	115068	208122	21.20%	2.817%
51	7.225	1904	1908	1911	rBV2	169	170	0.02%	0.002%
52	7.338	1930	1943	1968	rBV	441677	758800	77.30%	10.271%
53	7.585	2018	2020	2024	rVB2	241	142	0.01%	0.002%
54	7.643	2026	2038	2058	rBV	81150	140874	14.35%	1.907%
55	7.778	2077	2080	2083	rBV2	291	165	0.02%	0.002%
56	7.836	2095	2098	2101	rBV2	191	93	0.01%	0.001%
57	7.859	2102	2105	2106	rBV2	199	98	0.01%	0.001%
58	7.897	2112	2117	2120	rBV	112	107	0.01%	0.001%
59	7.958	2133	2136	2141	rVV2	145	173	0.02%	0.002%
60	8.016	2150	2154	2157	rBV	256	205	0.02%	0.003%
61	8.109	2173	2183	2223	rBV2	164812	334379	34.06%	4.526%
62	8.280	2234	2236	2238	rBV2	248	136	0.01%	0.002%
63	8.367	2261	2263	2270	rVB2	317	171	0.02%	0.002%
64	8.444	2280	2287	2297	rVB4	1223	1913	0.19%	0.026%
65	8.489	2298	2301	2304	rVB	202	98	0.01%	0.001%
66	8.871	2402	2420	2453	rBV	456762	743070	75.69%	10.058%
67	8.987	2453	2456	2458	rBV2	296	179	0.02%	0.002%
68	9.045	2472	2474	2479	rVB2	242	130	0.01%	0.002%
69	9.068	2479	2481	2485	rVB	182	105	0.01%	0.001%
70	9.145	2500	2505	2508	rBV2	130	110	0.01%	0.001%
71	9.183	2515	2517	2522	rVB2	103	97	0.01%	0.001%

LSC Area Percent Report

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Operator : SY/MD
Sample : L3665-19 20X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4L40

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\SOMVLM081120WMA.M
Title : VOC Analysis

72	9.222	2522	2529	2532	rBV	151	144	0.01%	0.002%
73	9.293	2545	2551	2554	rBV2	94	110	0.01%	0.001%
74	9.399	2580	2584	2589	rBV2	200	200	0.02%	0.003%
75	9.460	2600	2603	2608	rVB2	91	98	0.01%	0.001%
76	9.534	2622	2626	2628	rBV	130	107	0.01%	0.001%
77	9.682	2670	2672	2678	rVB2	152	128	0.01%	0.002%
78	9.849	2721	2724	2727	rBV2	154	111	0.01%	0.002%
79	10.238	2832	2845	2859	rBV	264397	411980	41.97%	5.577%
80	10.402	2889	2896	2903	rVB2	706	1160	0.12%	0.016%
81	10.450	2903	2911	2914	rBV2	198	265	0.03%	0.004%
82	10.508	2924	2929	2933	rVB2	192	172	0.02%	0.002%
83	10.531	2933	2936	2938	rBV	140	101	0.01%	0.001%
84	10.749	3000	3004	3010	rBV2	168	184	0.02%	0.002%
85	10.981	3073	3076	3082	rBV2	194	230	0.02%	0.003%
86	11.270	3154	3166	3192	rBV	469150	710920	72.42%	9.623%
87	11.447	3218	3221	3227	rBV	277	209	0.02%	0.003%
88	11.550	3251	3253	3256	rBV2	147	95	0.01%	0.001%
89	11.646	3271	3283	3302	rBV	471123	731922	74.56%	9.907%
90	11.759	3316	3318	3323	rVB2	214	155	0.02%	0.002%
91	12.257	3470	3473	3474	rBV	307	160	0.02%	0.002%
92	12.331	3493	3496	3502	rBV2	229	253	0.03%	0.003%
93	12.428	3523	3526	3528	rBV	236	162	0.02%	0.002%
94	12.492	3544	3546	3550	rBV2	194	135	0.01%	0.002%
95	13.357	3813	3815	3822	rVB2	254	215	0.02%	0.003%
96	13.389	3822	3825	3827	rBV2	211	141	0.01%	0.002%
97	13.891	3979	3981	3984	rVB2	296	164	0.02%	0.002%
98	13.910	3984	3987	3990	rBV	227	177	0.02%	0.002%
99	14.029	4021	4024	4025	rBV	215	119	0.01%	0.002%
100	14.235	4084	4088	4091	rBV	424	344	0.04%	0.005%

Sum of corrected areas: 7387630

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081720\
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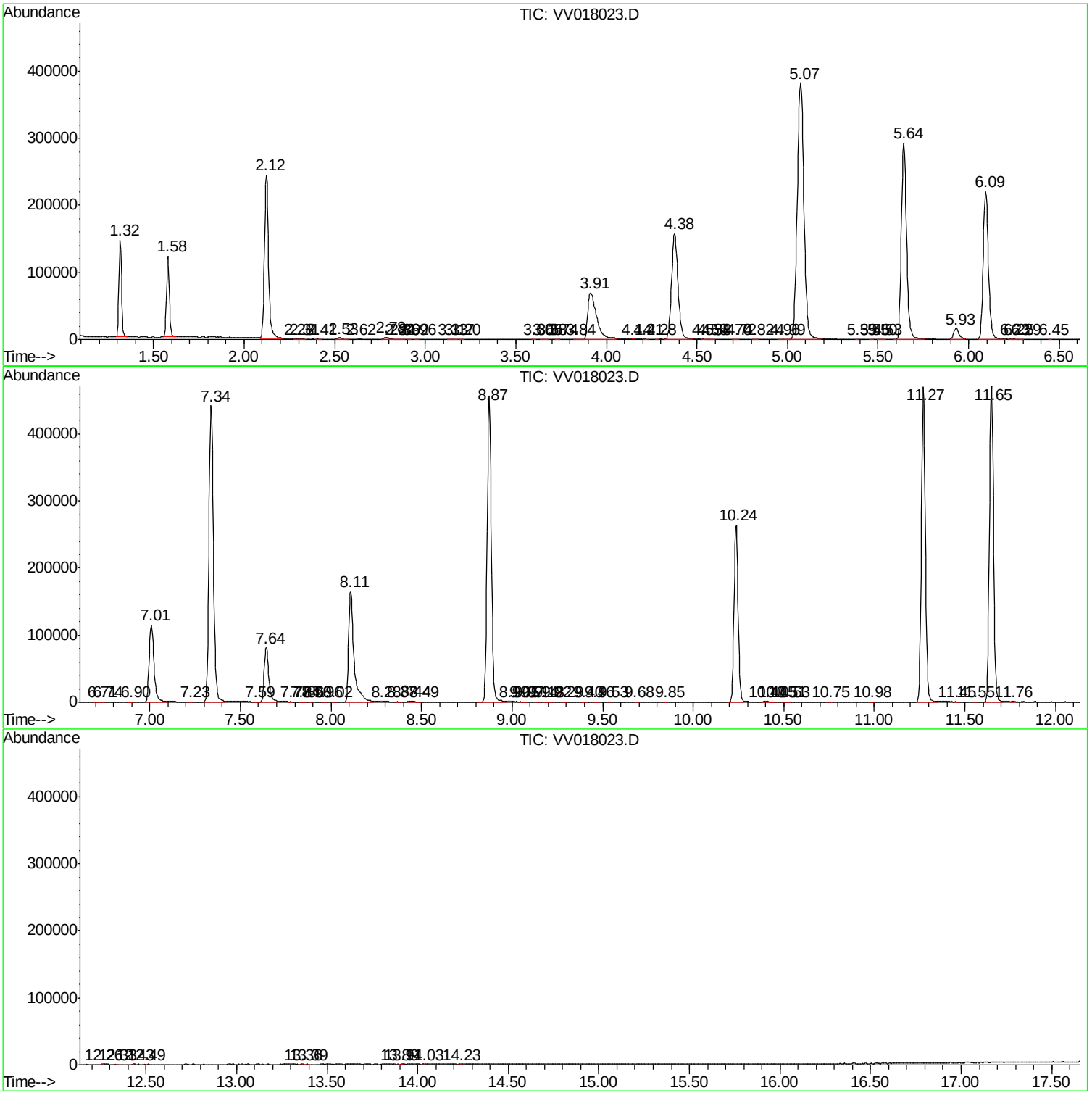
Acq On : 17 Aug 2020 14:01
Operator : SY/MD
Sample : L3665-19 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4L40

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.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\VV081720\
Data File : VV018023.D
Acq On : 17 Aug 2020 14:01
Operator : SY/MD
Sample : L3665-19 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4L40

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
Quant Title : VOC Analysis

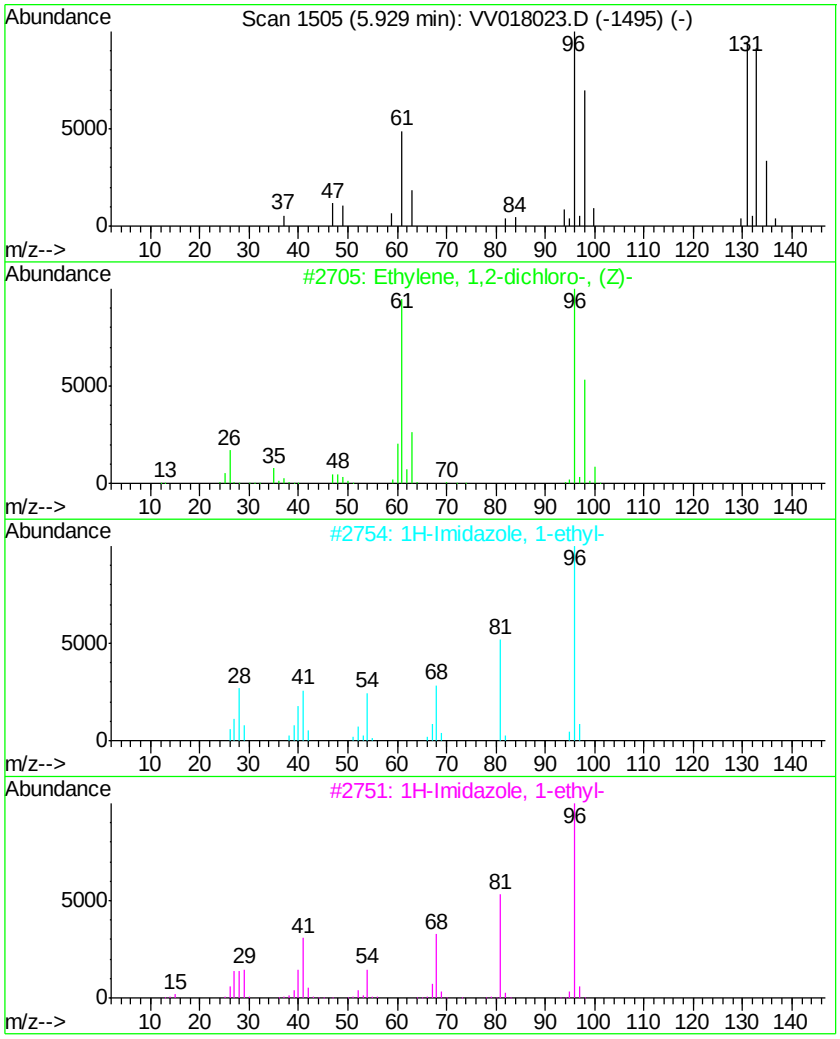
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

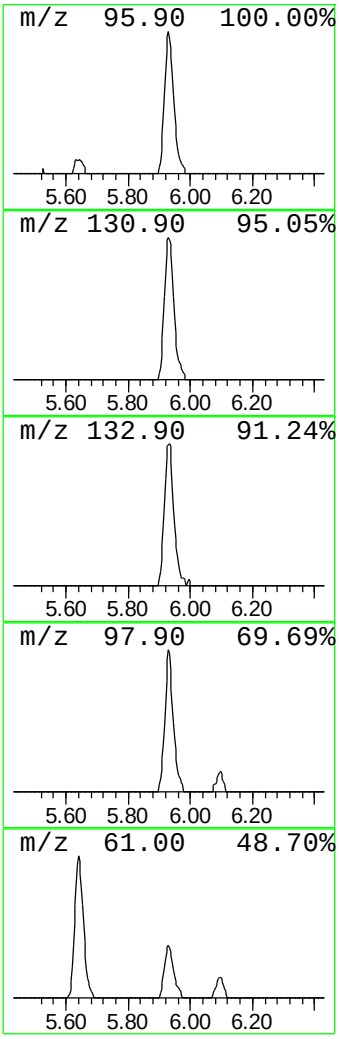
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	2.78 ug/L	32741	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	38
2	1H-Imidazole, 1-ethyl-	96	C5H8N2	007098-07-9	9
3	1H-Imidazole, 1-ethyl-	96	C5H8N2	007098-07-9	9
4	Carbamic acid, acetylthio-, O-me...	133	C4H7NO2S	016696-87-0	9
5	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081720\
Data File : VV018023.D
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Operator : SY/MD
Sample : L3665-19 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_V
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.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	2.8	ug/L	32741	1	5.64	589063	50.0