LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081720\
Data File : VV018024.D
Acq On : 17 Aug 2020 14:25
Operator : SY/MD
Sample : L3665-20 20X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4L73

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	1.315	63	70	85	rVB	150817	147728	14.96%	1.996%
2	1.579	144	152	167	rBV	120604	137574	13.93%	1.859%
3	2.122	311	321	347	rVB	245244	376198	38.09%	5.083%
4	2.267	363	366	369	rBV	205	106	0.01%	0.001%
5	2.306	374	378	387	rVB	475	705	0.07%	0.010%
6	2.376	397	400	404	rBV2	102	91	0.01%	0.001%
7	2.528	437	447	454	rBV2	2179	3368	0.34%	0.046%
8	2.627	475	478	479	rBV	351	188	0.02%	0.003%
9	2.782	519	526	539	rVB4	1371	2430	0.25%	0.033%
10	2.859	546	550	555	rBV2	101	95	0.01%	0.001%
11	3.142	633	638	640	rBV2	99	92	0.01%	0.001%
12	3.293	680	685	690	rBV2	90	107	0.01%	0.001%
13	3.335	695	698	701	rVV	130	100	0.01%	0.001%
14	3.351	701	703	709	rVB	126	109	0.01%	0.001%
15	3.393	709	716	719	rBV	108	95	0.01%	0.001%
16	3.550	761	765	770	rBV2	130	134	0.01%	0.002%
17	3.656	795	798	801	rVB	146	98	0.01%	0.001%
18	3.733	813	822	824	rBV	106	143	0.01%	0.002%
19	3.910	864	877	915	rBV2	71090	245343	24.84%	3.315%
20	4.376	1004	1022	1052	rVV	154918	384842	38.97%	5.200%
21	4.579	1080	1085	1089	rVB2	181	179	0.02%	0.002%
22	4.608	1089	1094	1096	rBV	114	114	0.01%	0.002%
23	4.778	1144	1147	1151	rBV2	122	107	0.01%	0.001%
24	4.827	1157	1162	1165	rBV2	86	93	0.01%	0.001%
25	4.852	1165	1170	1173	rVV2	103	116	0.01%	0.002%
26	4.891	1179	1182	1186	rBV	108	118	0.01%	0.002%
27	4.974	1202	1208	1211	rBV2	143	117	0.01%	0.002%
28	5.071	1220	1238	1275	rBV2	382176	987567	100.00%	13.344%
29	5.299	1306	1309	1311	rBV2	163	113	0.01%	0.002%
30	5.386	1333	1336	1340	rVB2	117	96	0.01%	0.001%
31	5.412	1340	1344	1347	rBV2	260	177	0.02%	0.002%
32	5.640	1403	1415	1444	rBV	290731	583587	59.09%	7.885%
33	5.778	1456	1458	1464	rVB2	613	427	0.04%	0.006%
34	5.810	1465	1468	1472	rBV2	146	125	0.01%	0.002%

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Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4L73

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

35	5.929	1494	1505	1523	rVB3	16360	34452	3.49%	0.466%
36	6.093	1542	1556	1581	rBV	221099	444306	44.99%	6.003%
37	6.219	1593	1595	1597	rBV	227	94	0.01%	0.001%
38	6.312	1621	1624	1630	rVB	117	115	0.01%	0.002%
39	6.351	1631	1636	1639	rBV	126	115	0.01%	0.002%
40	6.453	1664	1668	1671	rBV2	141	130	0.01%	0.002%
41	6.505	1678	1684	1688	rBV2	157	192	0.02%	0.003%
42	6.592	1705	1711	1717	rBV	168	241	0.02%	0.003%
43	6.688	1735	1741	1742	rBV	160	90	0.01%	0.001%
44	6.804	1774	1777	1783	rVB2	125	109	0.01%	0.001%
45	6.843	1783	1789	1793	rBV2	176	187	0.02%	0.003%
46	6.916	1806	1812	1816	rBV	162	165	0.02%	0.002%
47	7.007	1829	1840	1864	rBV	114103	206162	20.88%	2.786%
48	7.203	1898	1901	1905	rBV2	161	129	0.01%	0.002%
49	7.232	1907	1910	1913	rVB2	194	103	0.01%	0.001%
50	7.248	1913	1915	1920	rVB	121	100	0.01%	0.001%
51	7.273	1920	1923	1928	rBV2	136	155	0.02%	0.002%
52	7.338	1930	1943	1973	rBV	449558	765043	77.47%	10.337%
53	7.643	2027	2038	2065	rBV	80536	141642	14.34%	1.914%
54	7.759	2073	2074	2077	rBV2	327	124	0.01%	0.002%
55	7.833	2094	2097	2104	rBV2	276	271	0.03%	0.004%
56	7.865	2104	2107	2111	rVV2	226	183	0.02%	0.002%
57	7.961	2132	2137	2140	rBV	253	240	0.02%	0.003%
58	8.109	2172	2183	2223	rBV2	168687	341545	34.58%	4.615%
59	8.296	2240	2241	2247	rVB3	503	232	0.02%	0.003%
60	8.328	2247	2251	2252	rBV	284	150	0.02%	0.002%
61	8.396	2269	2272	2277	rBV2	185	178	0.02%	0.002%
62	8.441	2277	2286	2296	rBV4	1380	2198	0.22%	0.030%
63	8.498	2301	2304	2307	rBV2	161	113	0.01%	0.002%
64	8.601	2333	2336	2341	rVB	130	106	0.01%	0.001%
65	8.627	2341	2344	2347	rBV2	126	96	0.01%	0.001%
66	8.711	2367	2370	2377	rVB	148	150	0.02%	0.002%
67	8.746	2377	2381	2384	rBV2	110	109	0.01%	0.001%
68	8.875	2406	2421	2442	rBV	456710	734236	74.35%	9.921%
69	9.061	2477	2479	2483	rVB2	207	126	0.01%	0.002%
70	9.125	2496	2499	2502	rVB2	257	158	0.02%	0.002%
71	9.209	2518	2525	2534	rVB2	155	288	0.03%	0.004%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081720\
Data File : VV018024.D
Acq On : 17 Aug 2020 14:25
Operator : SY/MD
Sample : L3665-20 20X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4L73

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	9.254	2534	2539	2542	rBV2	143	173	0.02%	0.002%
73	9.585	2635	2642	2647	rBV2	133	210	0.02%	0.003%
74	9.653	2660	2663	2668	rVB2	128	120	0.01%	0.002%
75	9.756	2692	2695	2700	rBV	111	118	0.01%	0.002%
76	9.903	2737	2741	2744	rBV2	126	135	0.01%	0.002%
77	9.955	2753	2757	2764	rBV2	207	160	0.02%	0.002%
78	10.058	2779	2789	2791	rBV2	146	185	0.02%	0.002%
79	10.238	2833	2845	2861	rBV	263552	413598	41.88%	5.588%
80	10.402	2890	2896	2903	rVV2	547	807	0.08%	0.011%
81	10.614	2959	2962	2964	rBV2	131	97	0.01%	0.001%
82	10.762	3005	3008	3011	rBV	149	98	0.01%	0.001%
83	10.916	3052	3056	3059	rBV2	139	132	0.01%	0.002%
84	11.151	3126	3129	3135	rVB2	183	174	0.02%	0.002%
85	11.186	3136	3140	3144	rBV2	171	172	0.02%	0.002%
86	11.270	3154	3166	3194	rBV	467427	704012	71.29%	9.512%
87	11.379	3198	3200	3204	rVB	267	164	0.02%	0.002%
88	11.492	3232	3235	3237	rBV2	216	124	0.01%	0.002%
89	11.646	3271	3283	3305	rBV	474410	731797	74.10%	9.888%
90	11.907	3362	3364	3368	rVB	249	155	0.02%	0.002%
91	12.276	3473	3479	3486	rBV2	539	666	0.07%	0.009%
92	12.411	3519	3521	3524	rBV2	261	116	0.01%	0.002%
93	12.720	3614	3617	3621	rBV2	195	190	0.02%	0.003%
94	12.781	3632	3636	3641	rBV2	183	177	0.02%	0.002%
95	12.910	3673	3676	3679	rBV	189	113	0.01%	0.002%
96	13.678	3911	3915	3919	rBV	175	190	0.02%	0.003%
97	13.714	3923	3926	3929	rVB	174	110	0.01%	0.001%
98	13.743	3930	3935	3940	rBV3	222	260	0.03%	0.004%
99	13.887	3978	3980	3983	rBV	177	128	0.01%	0.002%
100	14.289	4103	4105	4108	rVB2	246	151	0.02%	0.002%

Sum of corrected areas: 7401047

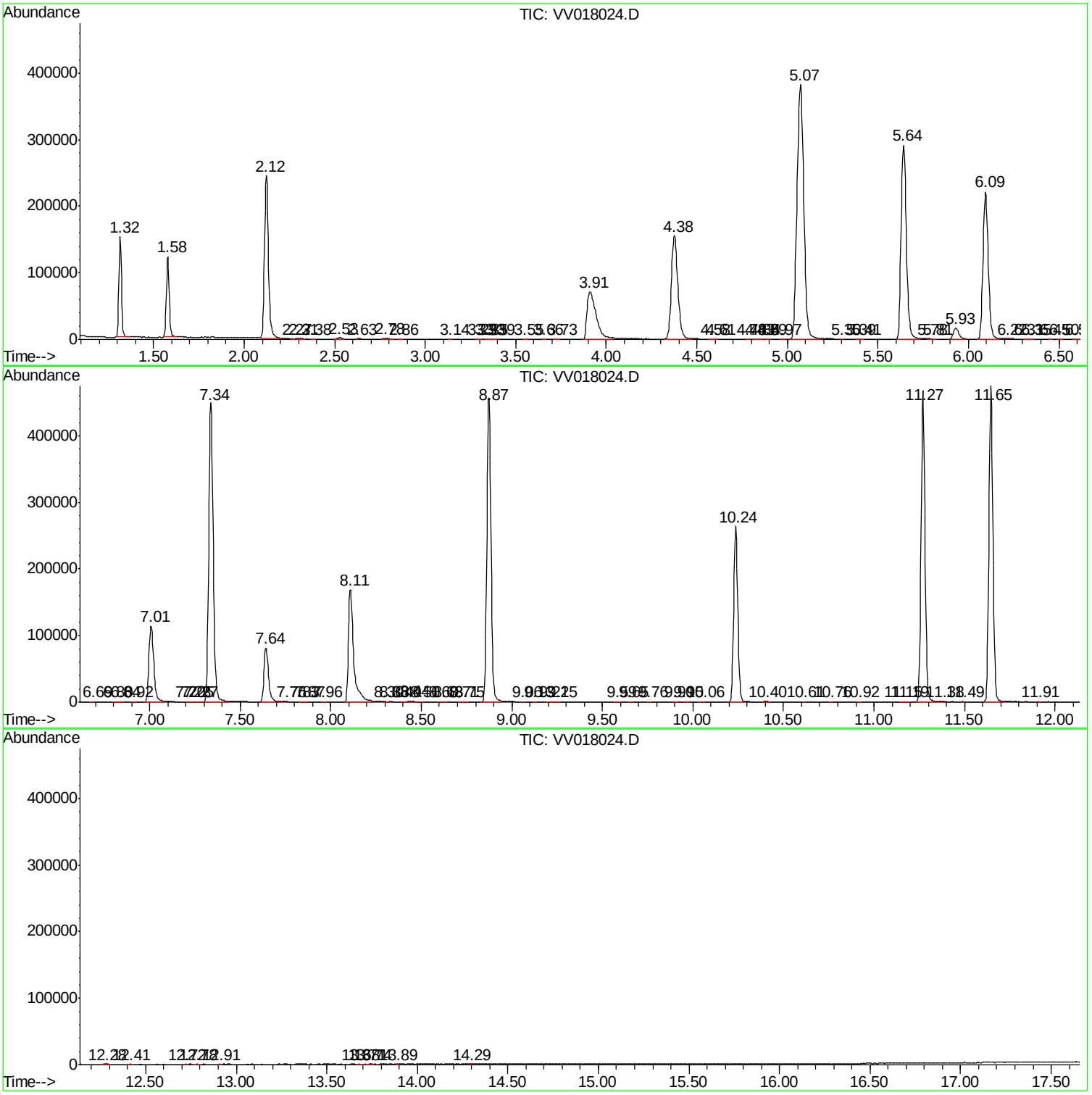
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081720\
Data File : VV018024.D
Acq On : 17 Aug 2020 14:25
Operator : SY/MD
Sample : L3665-20 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4L73

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 : VV018024.D
Acq On : 17 Aug 2020 14:25
Operator : SY/MD
Sample : L3665-20 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4L73

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

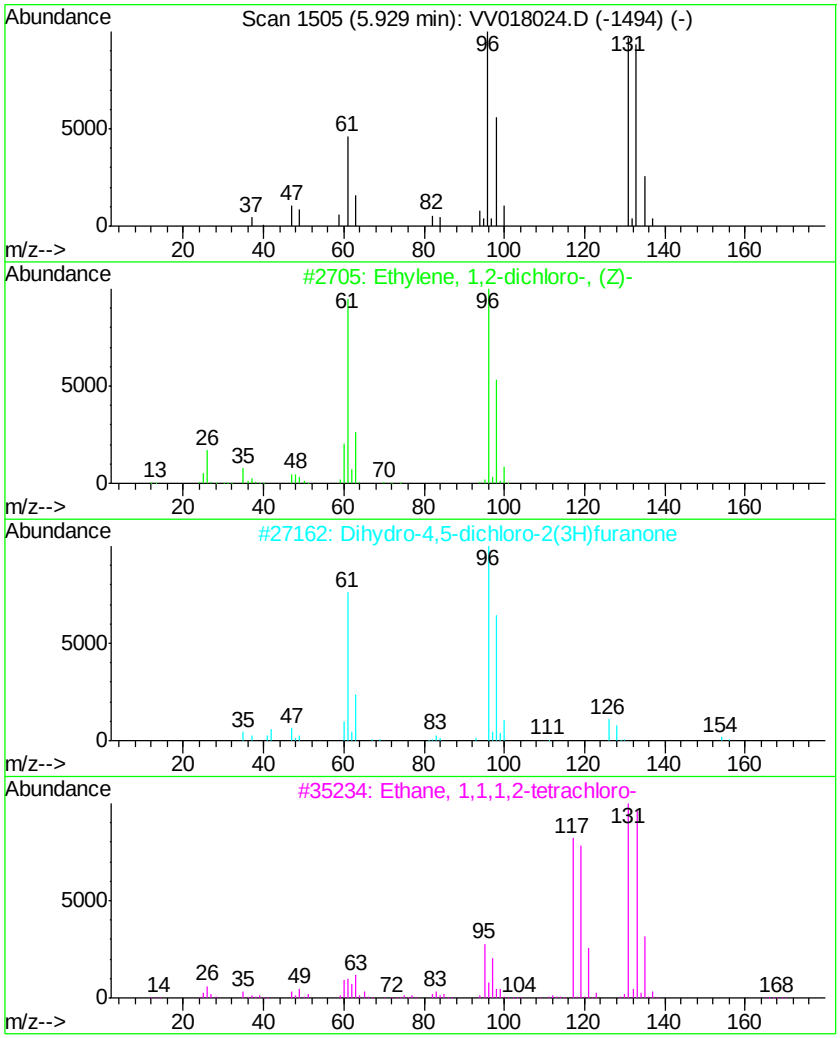
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

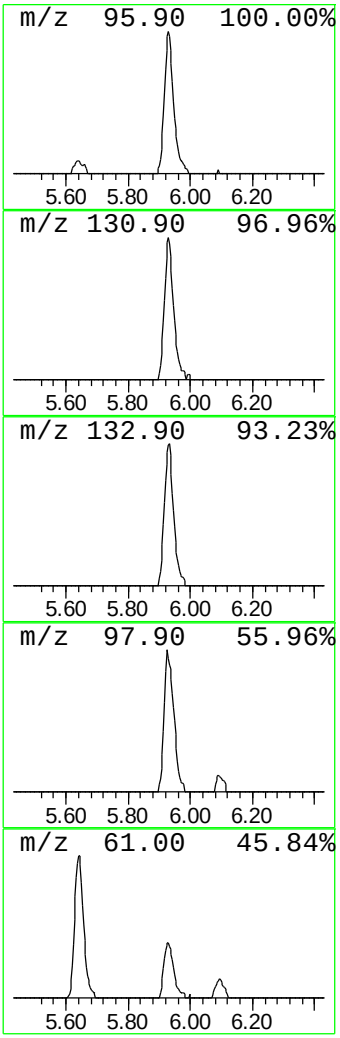
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	2.95 ug/L	34452	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	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	25
3	Ethane, 1,1,1,2-tetrachloro-	166	C2H2Cl4	000630-20-6	17
4	2-Cyano-3,5-dimethylpyrazine	133	C7H7N3	124629-52-3	9
5	Benzonitrile, 4-methoxy-	133	C8H7NO	000874-90-8	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081720\
Data File : VV018024.D
Acq On : 17 Aug 2020 14:25
Operator : SY/MD
Sample : L3665-20 20X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F4L73

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	3.0	ug/L	34452	1	5.64	583587	50.0