LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121419\
Data File : VV014058.D
Acq On : 13 Dec 2019 17:49
Operator : SY/MD
Sample : VV1214MBL01
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK612

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\SFAMVLM080619W.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	65	71	84	rVB	158870	161191	13.22%	1.734%
2	1.557	141	145	160	rVB	142252	163201	13.39%	1.756%
3	2.119	311	320	334	rBV	281526	390078	32.00%	4.197%
4	2.528	439	447	457	rBV4	5002	7765	0.64%	0.084%
5	2.576	460	462	465	rBV2	694	427	0.04%	0.005%
6	2.785	521	527	528	rBV3	2149	2142	0.18%	0.023%
7	2.952	575	579	581	rVV3	330	226	0.02%	0.002%
8	3.074	615	617	622	rVB3	348	257	0.02%	0.003%
9	3.097	622	624	627	rBV2	427	275	0.02%	0.003%
10	3.222	661	663	667	rVB3	552	344	0.03%	0.004%
11	3.306	687	689	692	rBV2	348	225	0.02%	0.002%
12	3.483	740	744	747	rVB2	513	331	0.03%	0.004%
13	3.553	763	766	768	rBV2	341	214	0.02%	0.002%
14	3.595	776	779	783	rBV2	357	360	0.03%	0.004%
15	3.637	789	792	796	rVB2	482	329	0.03%	0.004%
16	3.672	801	803	808	rVV	314	285	0.02%	0.003%
17	3.833	848	853	856	rBV2	304	261	0.02%	0.003%
18	3.920	870	880	914	rBV	93963	262029	21.49%	2.819%
19	4.393	1008	1027	1051	rBV	204581	505798	41.49%	5.442%
20	4.704	1121	1124	1125	rBV2	675	394	0.03%	0.004%
21	4.772	1142	1145	1148	rVB3	485	298	0.02%	0.003%
22	4.859	1164	1172	1173	rBV2	839	667	0.05%	0.007%
23	4.965	1201	1205	1207	rBV2	303	276	0.02%	0.003%
24	5.087	1225	1243	1268	rBV2	485749	1219107	100.00%	13.116%
25	5.447	1352	1355	1359	rBV3	414	366	0.03%	0.004%
26	5.502	1368	1372	1375	rBV2	421	307	0.03%	0.003%
27	5.656	1402	1420	1448	rBV	365642	725201	59.49%	7.802%
28	5.849	1477	1480	1484	rBV2	501	358	0.03%	0.004%
29	5.942	1498	1509	1527	rBV3	30276	63402	5.20%	0.682%
30	6.026	1531	1535	1539	rVB3	694	658	0.05%	0.007%
31	6.109	1546	1561	1589	rBV	280662	571169	46.85%	6.145%
32	6.425	1654	1659	1661	rBV2	340	244	0.02%	0.003%
33	6.476	1672	1675	1679	rBV2	240	220	0.02%	0.002%
34	6.553	1691	1699	1706	rBV5	1001	1788	0.15%	0.019%

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Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK612

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\SFAMVLM080619W.M
Title : VOC Analysis

35	6.643	1722	1727	1728	rBV3	1761	1378	0.11%	0.015%
36	6.833	1782	1786	1790	rBV4	457	437	0.04%	0.005%
37	6.868	1795	1797	1804	rVB2	330	252	0.02%	0.003%
38	6.907	1804	1809	1817	rVB3	481	706	0.06%	0.008%
39	6.962	1821	1826	1828	rBV2	189	225	0.02%	0.002%
40	7.023	1833	1845	1868	rBV	141838	254528	20.88%	2.738%
41	7.148	1882	1884	1888	rVB3	534	209	0.02%	0.002%
42	7.270	1916	1922	1924	rBV4	2937	2796	0.23%	0.030%
43	7.354	1935	1948	1966	rBV	543815	922765	75.69%	9.928%
44	7.621	2028	2031	2033	rBV3	366	222	0.02%	0.002%
45	7.659	2033	2043	2064	rVV	100565	173879	14.26%	1.871%
46	7.749	2068	2071	2074	rVB2	836	482	0.04%	0.005%
47	7.881	2110	2112	2114	rBV3	925	495	0.04%	0.005%
48	7.958	2134	2136	2138	rBV3	606	332	0.03%	0.004%
49	8.016	2148	2154	2162	rVB8	2860	4074	0.33%	0.044%
50	8.125	2177	2188	2222	rBV2	300510	604701	49.60%	6.506%
51	8.505	2304	2306	2307	rBV2	425	226	0.02%	0.002%
52	8.617	2337	2341	2345	rBV4	470	489	0.04%	0.005%
53	8.637	2345	2347	2349	rVV2	575	241	0.02%	0.003%
54	8.650	2349	2351	2356	rVB3	594	370	0.03%	0.004%
55	8.717	2369	2372	2375	rBV4	459	336	0.03%	0.004%
56	8.756	2381	2384	2386	rBV4	384	208	0.02%	0.002%
57	8.801	2393	2398	2399	rBV	342	320	0.03%	0.003%
58	8.810	2399	2401	2407	rVB2	646	476	0.04%	0.005%
59	8.891	2413	2426	2448	rBV	551092	891916	73.16%	9.596%
60	9.052	2471	2476	2484	rVB6	2928	3559	0.29%	0.038%
61	9.142	2499	2504	2509	rBV6	977	1176	0.10%	0.013%
62	9.180	2510	2516	2523	rVB4	2950	4455	0.37%	0.048%
63	9.238	2532	2534	2538	rBV2	601	304	0.02%	0.003%
64	9.289	2548	2550	2555	rVB2	460	317	0.03%	0.003%
65	9.318	2556	2559	2562	rBV2	338	245	0.02%	0.003%
66	9.450	2597	2600	2604	rVB2	465	327	0.03%	0.004%
67	9.588	2634	2643	2644	rBV5	3737	4063	0.33%	0.044%
68	9.691	2669	2675	2677	rBV3	380	443	0.04%	0.005%
69	9.711	2679	2681	2685	rVB3	505	305	0.03%	0.003%
70	9.749	2688	2693	2694	rVV3	452	356	0.03%	0.004%
71	9.772	2698	2700	2706	rVV3	893	676	0.06%	0.007%

LSC Area Percent Report

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Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK612

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\SFAMVLM080619W.M
Title : VOC Analysis

72	9.839	2718	2721	2724	rBV	326	261	0.02%	0.003%
73	9.907	2739	2742	2746	rVB2	408	300	0.02%	0.003%
74	9.971	2757	2762	2770	rVB4	2852	3896	0.32%	0.042%
75	10.045	2781	2785	2788	rVB3	352	276	0.02%	0.003%
76	10.064	2788	2791	2796	rBV2	355	296	0.02%	0.003%
77	10.122	2803	2809	2811	rVB4	442	382	0.03%	0.004%
78	10.141	2811	2815	2818	rBV2	466	433	0.04%	0.005%
79	10.254	2836	2850	2866	rBV	351111	567009	46.51%	6.100%
80	10.466	2914	2916	2920	rVB3	540	310	0.03%	0.003%
81	10.527	2932	2935	2938	rVB2	424	252	0.02%	0.003%
82	10.579	2941	2951	2958	rBV4	2887	3947	0.32%	0.042%
83	10.749	3001	3004	3007	rBV2	399	305	0.03%	0.003%
84	10.781	3012	3014	3019	rVB2	336	201	0.02%	0.002%
85	10.810	3020	3023	3028	rBV2	288	295	0.02%	0.003%
86	10.955	3061	3068	3077	rBV4	3059	4208	0.35%	0.045%
87	11.019	3084	3088	3090	rVB2	398	224	0.02%	0.002%
88	11.064	3096	3102	3103	rBV	318	311	0.03%	0.003%
89	11.103	3110	3114	3118	rVB2	554	316	0.03%	0.003%
90	11.129	3118	3122	3124	rBV	314	263	0.02%	0.003%
91	11.222	3143	3151	3160	rBV4	4952	7569	0.62%	0.081%
92	11.289	3160	3172	3190	rBV	495067	774194	63.51%	8.329%
93	11.666	3276	3289	3310	rBV	566954	890642	73.06%	9.582%
94	11.907	3361	3364	3367	rBV	418	317	0.03%	0.003%
95	11.923	3367	3369	3372	rVV2	391	227	0.02%	0.002%
96	12.469	3534	3539	3542	rBV5	1094	1306	0.11%	0.014%
97	12.688	3601	3607	3616	rVB4	6731	9919	0.81%	0.107%
98	13.309	3792	3800	3808	rBV3	10065	15018	1.23%	0.162%
99	13.550	3866	3875	3888	rBV	19200	31798	2.61%	0.342%
100	13.788	3941	3949	3963	rVB3	14662	21727	1.78%	0.234%

Sum of corrected areas: 9294684

LSC Report - Integrated Chromatogram

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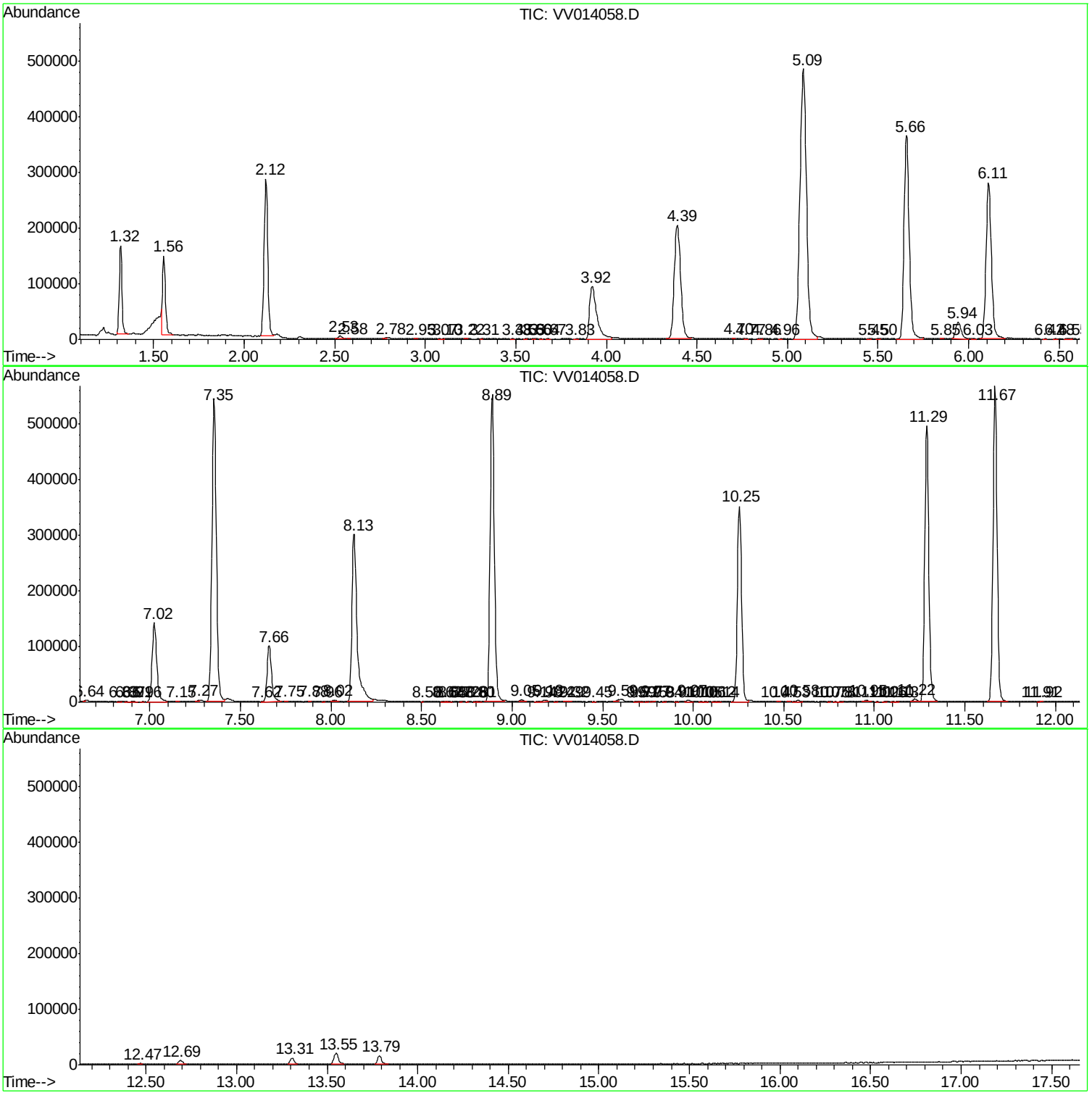
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK612

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM080619W.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\VV121419\
Data File : VV014058.D
Acq On : 13 Dec 2019 17:49
Operator : SY/MD
Sample : VV1214MBL01
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK612

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM080619W.M
Quant Title : VOC Analysis

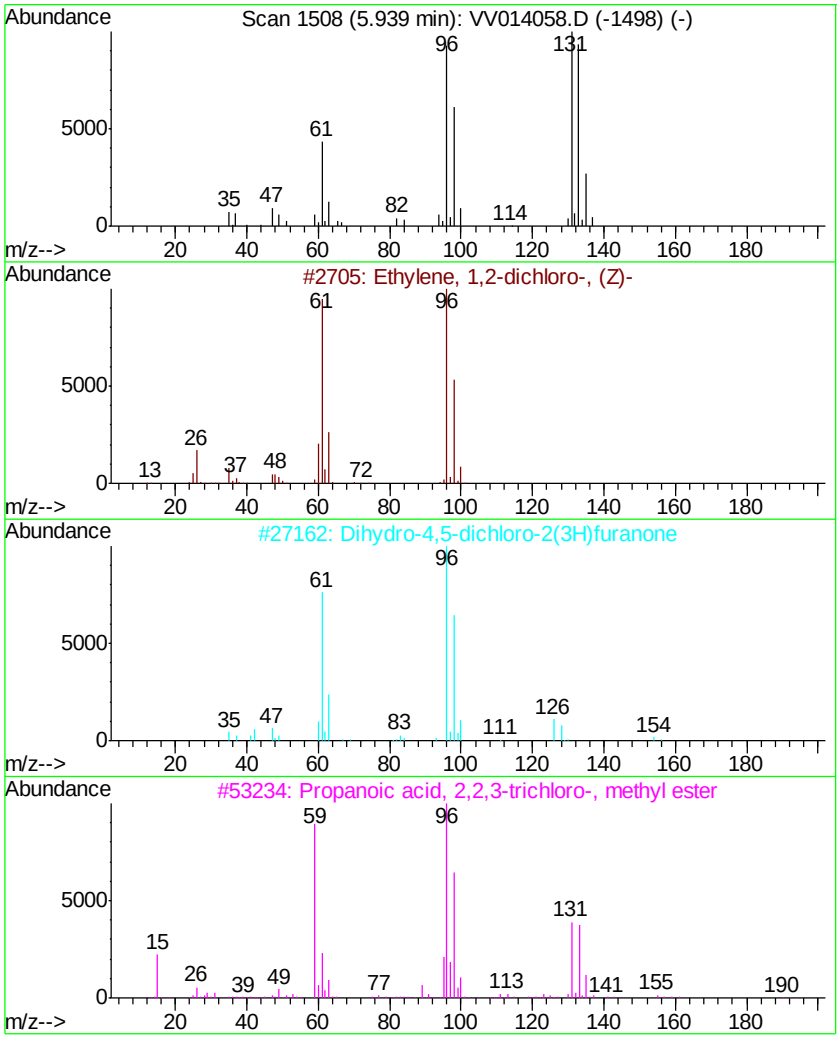
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

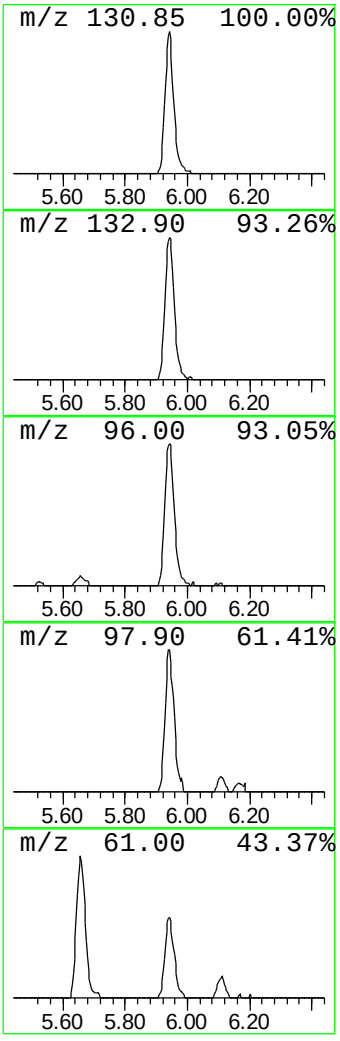
****

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	4.37 ug/L	63402	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	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	25
3	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	25
4	1H-Imidazole, 1,5-dimethyl-	96	C5H8N2	010447-93-5	9
5	Furfural	96	C5H4O2	000098-01-1	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121419\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM080619W.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	5.94	4.4	ug/L	63402	1	5.66	725201	50.0