LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA V\Data\VV121119\
Data File : VV014005.D
Acq On : 11 Dec 2019 11:56
Operator : SY/MD
Sample : VV1211WBL01
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK89

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\SOMVLM120219WMA.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	81	rVB	324183	315438	14.57%	1.933%
2	1.570	143	149	161	rVB	321584	367795	16.99%	2.254%
3	2.123	313	321	334	rVB	608794	860787	39.77%	5.275%
4	2.656	482	487	489	rBV4	1854	1853	0.09%	0.011%
5	2.705	500	502	503	rBV2	707	211	0.01%	0.001%
6	2.740	511	513	514	rBV3	815	377	0.02%	0.002%
7	2.901	560	563	565	rBV3	1051	608	0.03%	0.004%
8	2.955	577	580	582	rBV4	1667	1009	0.05%	0.006%
9	3.100	622	625	627	rBV2	1390	756	0.03%	0.005%
10	3.164	643	645	648	rBV2	894	462	0.02%	0.003%
11	3.206	655	658	660	rBV3	1451	791	0.04%	0.005%
12	3.319	689	693	695	rVB5	902	791	0.04%	0.005%
13	3.335	695	698	700	rBV2	1092	690	0.03%	0.004%
14	3.344	700	701	704	rVB2	1131	514	0.02%	0.003%
15	3.357	704	705	706	rBV	572	203	0.01%	0.001%
16	3.402	717	719	721	rBV3	1038	483	0.02%	0.003%
17	3.434	727	729	735	rVB6	1756	1234	0.06%	0.008%
18	3.467	735	739	742	rVB5	1449	1125	0.05%	0.007%
19	3.512	751	753	756	rVB3	875	476	0.02%	0.003%
20	3.531	756	759	761	rBV2	554	335	0.02%	0.002%
21	3.550	763	765	769	rVB3	977	643	0.03%	0.004%
22	3.631	787	790	793	rBV5	1297	1068	0.05%	0.007%
23	3.647	793	795	798	rVV3	621	410	0.02%	0.003%
24	3.663	798	800	802	rVB2	1067	474	0.02%	0.003%
25	3.679	802	805	806	rBV2	655	281	0.01%	0.002%
26	3.692	807	809	812	rVV3	925	475	0.02%	0.003%
27	3.708	812	814	815	rVB	606	200	0.01%	0.001%
28	3.775	830	835	836	rBV3	1060	825	0.04%	0.005%
29	3.865	857	863	864	rBV4	1061	926	0.04%	0.006%
30	3.920	869	880	909	rBV	146547	392608	18.14%	2.406%
31	4.396	1011	1028	1055	rBV	353598	872354	40.30%	5.346%
32	4.576	1082	1084	1089	rBV4	1903	1768	0.08%	0.011%
33	4.663	1108	1111	1112	rBV	1072	529	0.02%	0.003%
34	4.692	1118	1120	1123	rBV3	1076	643	0.03%	0.004%

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Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK89

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\SOMVLM120219WMA.M
Title : VOC Analysis

35	4.711	1123	1126	1130	rBV5	1368	1484	0.07%	0.009%
36	4.839	1164	1166	1169	rBV3	927	633	0.03%	0.004%
37	4.904	1184	1186	1191	rBV3	1279	927	0.04%	0.006%
38	4.933	1194	1195	1199	rBV2	725	420	0.02%	0.003%
39	4.952	1199	1201	1203	rBV3	903	490	0.02%	0.003%
40	4.981	1208	1210	1211	rBV2	938	373	0.02%	0.002%
41	5.087	1223	1243	1278	rBV2	855178	2164598	100.00%	13.265%
42	5.656	1406	1420	1449	rBV	735720	1459295	67.42%	8.943%
43	5.942	1496	1509	1527	rBV3	50751	107058	4.95%	0.656%
44	6.055	1542	1544	1545	rBV	1382	625	0.03%	0.004%
45	6.110	1547	1561	1583	rVV	482404	981024	45.32%	6.012%
46	6.360	1635	1639	1640	rBV3	1188	810	0.04%	0.005%
47	6.479	1673	1676	1679	rBV5	2178	1633	0.08%	0.010%
48	6.611	1714	1717	1721	rBV5	1351	1122	0.05%	0.007%
49	6.643	1722	1727	1729	rBV5	3410	3171	0.15%	0.019%
50	6.791	1771	1773	1776	rBV3	1043	627	0.03%	0.004%
51	6.839	1786	1788	1792	rVB3	1091	610	0.03%	0.004%
52	6.958	1822	1825	1827	rBV4	1510	914	0.04%	0.006%
53	7.023	1833	1845	1870	rBV	243128	435299	20.11%	2.668%
54	7.354	1934	1948	1969	rBV	958607	1627872	75.20%	9.976%
55	7.659	2029	2043	2059	rBV	172655	293995	13.58%	1.802%
56	7.865	2105	2107	2112	rVB5	1410	729	0.03%	0.004%
57	7.978	2137	2142	2143	rBV4	1546	1327	0.06%	0.008%
58	8.064	2168	2169	2171	rBV2	721	259	0.01%	0.002%
59	8.126	2176	2188	2217	rBV2	408900	851253	39.33%	5.217%
60	8.560	2320	2323	2326	rBV4	1035	671	0.03%	0.004%
61	8.714	2367	2371	2375	rBV5	1492	1494	0.07%	0.009%
62	8.759	2382	2385	2387	rBV4	1710	929	0.04%	0.006%
63	8.891	2412	2426	2448	rBV	1047119	1687545	77.96%	10.342%
64	9.225	2527	2530	2534	rBV4	1385	1280	0.06%	0.008%
65	9.254	2536	2539	2540	rBV2	1071	599	0.03%	0.004%
66	9.315	2556	2558	2562	rBV4	1050	914	0.04%	0.006%
67	9.338	2562	2565	2568	rBV4	1271	862	0.04%	0.005%
68	9.418	2587	2590	2591	rBV2	1055	607	0.03%	0.004%
69	9.579	2637	2640	2641	rBV2	1615	922	0.04%	0.006%
70	9.688	2671	2674	2680	rBV8	1090	988	0.05%	0.006%
71	9.791	2703	2706	2708	rBV2	1393	916	0.04%	0.006%

LSC Area Percent Report

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Sample : VV1211WBL01
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK89

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\SOMVLM120219WMA.M
Title : VOC Analysis

72	9.933	2747	2750	2754	rVB4	1466	1068	0.05%	0.007%
73	10.013	2770	2775	2776	rBV4	875	693	0.03%	0.004%
74	10.039	2781	2783	2787	rVB5	1507	988	0.05%	0.006%
75	10.100	2801	2802	2806	rBV3	867	515	0.02%	0.003%
76	10.138	2811	2814	2817	rVV4	722	528	0.02%	0.003%
77	10.254	2839	2850	2869	rBV	591327	926782	42.82%	5.680%
78	10.534	2934	2937	2941	rBV4	1258	929	0.04%	0.006%
79	10.675	2978	2981	2984	rBV5	771	602	0.03%	0.004%
80	10.836	3029	3031	3034	rBV4	1401	712	0.03%	0.004%
81	10.916	3054	3056	3057	rBV	681	253	0.01%	0.002%
82	11.035	3091	3093	3094	rBV	1006	448	0.02%	0.003%
83	11.087	3106	3109	3114	rBV5	1170	1355	0.06%	0.008%
84	11.135	3122	3124	3128	rVB5	1235	786	0.04%	0.005%
85	11.154	3128	3130	3133	rBV3	1183	935	0.04%	0.006%
86	11.289	3160	3172	3189	rBV	920010	1429576	66.04%	8.761%
87	11.666	3277	3289	3307	rBV	936773	1476238	68.20%	9.047%
88	11.920	3365	3368	3369	rBV2	1078	641	0.03%	0.004%
89	12.071	3412	3415	3416	rBV2	1181	661	0.03%	0.004%
90	12.167	3443	3445	3446	rBV	778	409	0.02%	0.003%
91	12.203	3452	3456	3461	rBV7	1542	1894	0.09%	0.012%
92	12.276	3477	3479	3483	rBV4	1283	1055	0.05%	0.006%
93	12.408	3516	3520	3521	rBV3	1049	794	0.04%	0.005%
94	12.450	3530	3533	3534	rBV	1075	508	0.02%	0.003%
95	12.502	3546	3549	3554	rBV6	1499	1587	0.07%	0.010%
96	12.900	3670	3673	3676	rBV3	1443	1012	0.05%	0.006%
97	13.096	3732	3734	3737	rBV2	1238	576	0.03%	0.004%
98	13.354	3811	3814	3817	rBV3	1932	1351	0.06%	0.008%
99	14.106	4046	4048	4050	rBV2	878	518	0.02%	0.003%
100	14.199	4075	4077	4079	rBV3	1380	794	0.04%	0.005%

Sum of corrected areas: 16317625

LSC Report - Integrated Chromatogram

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Acq On : 11 Dec 2019 11:56
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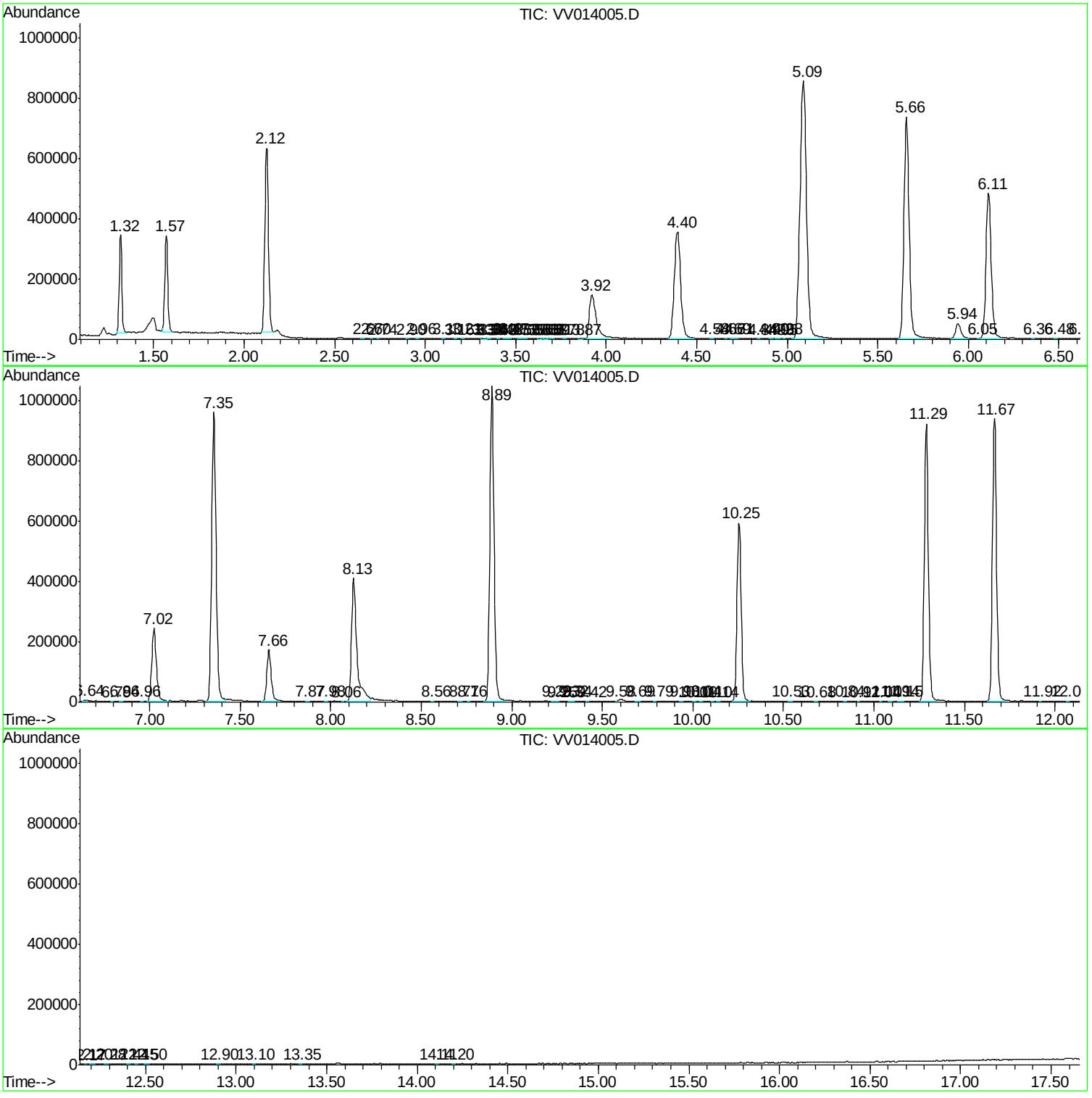
Sample : VV1211WBL01
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK89

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.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\VV121119\
Data File : VV014005.D
Acq On : 11 Dec 2019 11:56
Operator : SY/MD
Sample : VV1211WBL01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VBLK89

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

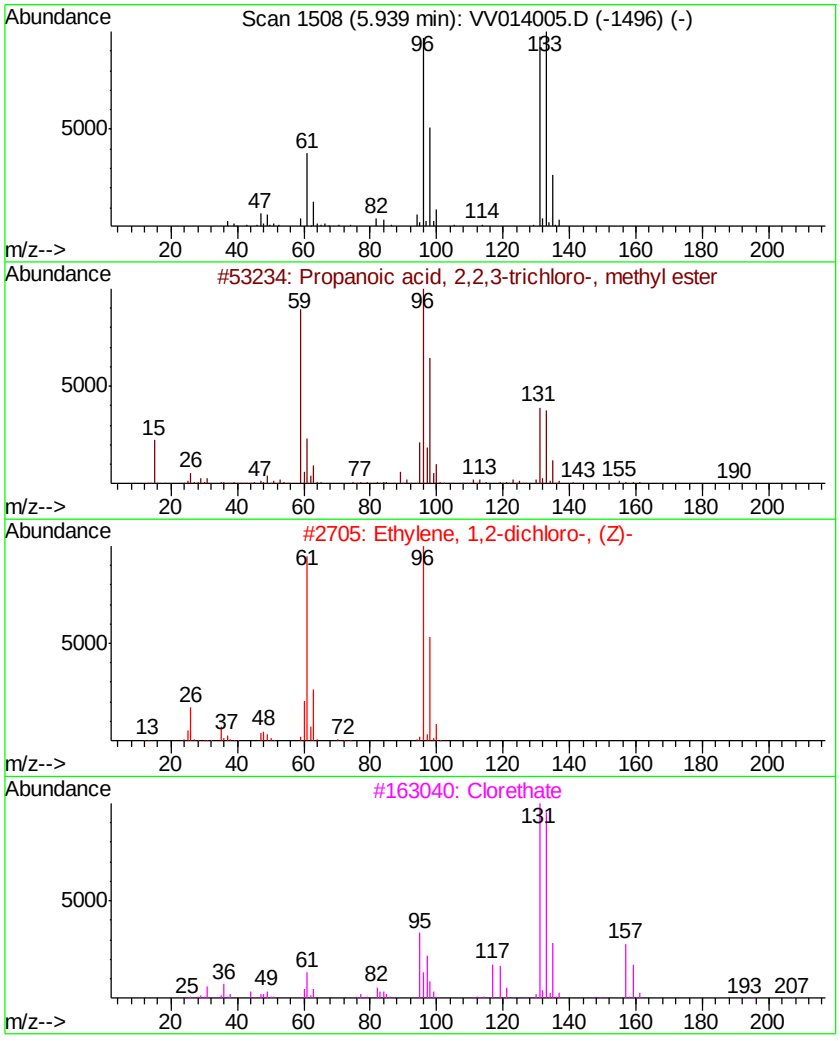
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

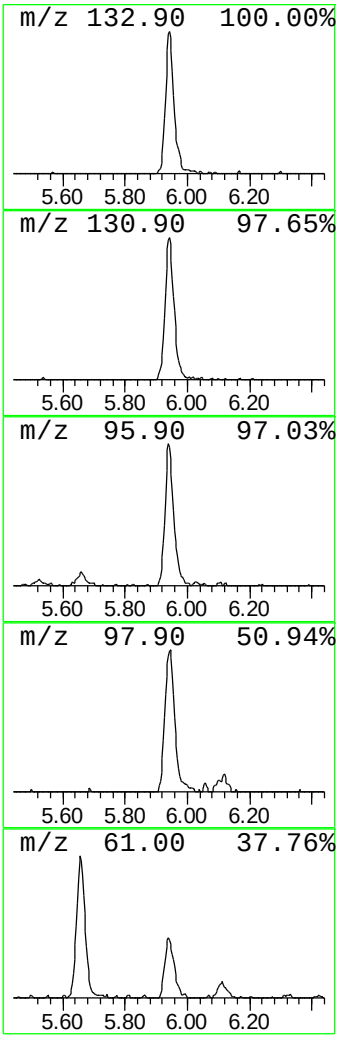
****

Peak Number 1 Propanoic acid, 2,2,3-trich... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	3.67 ug/L	107058	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	64
2	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	38
3	Clorethate	322	C5H4Cl6O3	005634-37-7	38
4	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	16
5	1H-Imidazole, 1,5-dimethyl-	96	C5H8N2	010447-93-5	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121119\
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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
Propanoic acid, 2...	5.94	3.7	ug/L	107058	1	5.66	1459300	50.0