LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092319\
Data File : VU034736.D
Acq On : 23 Sep 2019 16:17
Operator : JC/SP
Sample : VIBLK44
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK44

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_U\METHOD\SOMULM091919WMA.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	1.177	23	27	32	rBV2	8408	7495	0.36%	0.045%
2	1.392	87	94	105	rBV	298712	310293	15.04%	1.872%
3	1.672	174	181	195	rVB	236453	294566	14.28%	1.777%
4	2.257	354	363	385	rVB	448187	713439	34.59%	4.305%
5	2.366	395	397	399	rBV3	1766	995	0.05%	0.006%
6	2.585	461	465	467	rBV5	1537	1188	0.06%	0.007%
7	2.604	469	471	475	rVB4	1631	1022	0.05%	0.006%
8	2.656	484	487	489	rBV3	1626	1029	0.05%	0.006%
9	2.678	491	494	495	rBV3	2042	1317	0.06%	0.008%
10	2.788	526	528	532	rBV4	1170	915	0.04%	0.006%
11	2.807	532	534	537	rVB4	1851	1041	0.05%	0.006%
12	2.836	541	543	547	rVB5	1543	1093	0.05%	0.007%
13	2.961	579	582	586	rVV4	1530	1059	0.05%	0.006%
14	3.013	595	598	600	rBV3	1388	983	0.05%	0.006%
15	3.199	652	656	659	rBV5	1406	997	0.05%	0.006%
16	3.215	659	661	666	rVB5	1489	1247	0.06%	0.008%
17	3.254	670	673	676	rVB4	1519	896	0.04%	0.005%
18	3.309	686	690	695	rVB4	1379	1339	0.06%	0.008%
19	3.350	699	703	706	rBV5	1655	1454	0.07%	0.009%
20	3.537	756	761	763	rBV4	1735	1419	0.07%	0.009%
21	3.591	773	778	781	rBV6	1286	1121	0.05%	0.007%
22	3.974	894	897	900	rVB4	1321	915	0.04%	0.006%
23	3.990	900	902	910	rVB9	1545	1515	0.07%	0.009%
24	4.045	914	919	922	rBV4	1299	1063	0.05%	0.006%
25	4.151	941	952	980	rBV	196241	528791	25.64%	3.191%
26	4.524	1063	1068	1072	rBV5	1713	1608	0.08%	0.010%
27	4.624	1080	1099	1123	rBV	318140	802634	38.91%	4.843%
28	4.807	1153	1156	1160	rVB3	2138	1562	0.08%	0.009%
29	4.907	1183	1187	1190	rVB4	2546	1778	0.09%	0.011%
30	5.000	1214	1216	1218	rBV3	1682	927	0.04%	0.006%
31	5.106	1247	1249	1253	rVB4	1526	943	0.05%	0.006%
32	5.234	1283	1289	1290	rBV4	964	883	0.04%	0.005%
33	5.315	1290	1314	1342	rBV2	693837	2062722	100.00%	12.447%
34	5.540	1380	1384	1386	rBV4	1927	1423	0.07%	0.009%

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK44

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_U\METHOD\SOMULM091919WMA.M
Title : VOC Analysis

35	5.559	1388	1390	1394	rVV4	1644	1186	0.06%	0.007%
36	5.579	1394	1396	1400	rVB6	2338	1481	0.07%	0.009%
37	5.675	1422	1426	1431	rVB5	1555	1494	0.07%	0.009%
38	5.697	1431	1433	1436	rVB3	1577	915	0.04%	0.006%
39	5.717	1436	1439	1441	rBV3	2290	1657	0.08%	0.010%
40	5.778	1456	1458	1464	rVB6	1898	1444	0.07%	0.009%
41	5.807	1464	1467	1469	rBV2	1543	1134	0.05%	0.007%
42	5.865	1469	1485	1515	rVV	657638	1319208	63.95%	7.960%
43	6.109	1559	1561	1566	rVB6	1836	1178	0.06%	0.007%
44	6.164	1573	1578	1581	rVV6	2116	1762	0.09%	0.011%
45	6.225	1593	1597	1599	rBV3	1298	1028	0.05%	0.006%
46	6.308	1608	1623	1644	rBV2	480091	986991	47.85%	5.956%
47	6.530	1689	1692	1696	rVB6	1916	1242	0.06%	0.007%
48	6.926	1812	1815	1821	rVV7	1681	1771	0.09%	0.011%
49	6.955	1822	1824	1827	rVB3	1742	1021	0.05%	0.006%
50	7.048	1848	1853	1855	rVB3	1526	1149	0.06%	0.007%
51	7.064	1855	1858	1861	rBV4	1370	1011	0.05%	0.006%
52	7.209	1889	1903	1923	rBV2	278616	528069	25.60%	3.186%
53	7.501	1990	1994	1995	rBV2	1559	961	0.05%	0.006%
54	7.543	1995	2007	2038	rVV	944217	1688836	81.87%	10.191%
55	7.829	2084	2096	2117	rBV	182300	349685	16.95%	2.110%
56	8.074	2169	2172	2175	rBV5	1782	1154	0.06%	0.007%
57	8.202	2207	2212	2213	rBV4	1290	1175	0.06%	0.007%
58	8.292	2229	2240	2270	rBV	600062	1176381	57.03%	7.098%
59	8.517	2306	2310	2313	rBV3	1365	1198	0.06%	0.007%
60	8.704	2364	2368	2370	rVB3	1917	1596	0.08%	0.010%
61	8.723	2370	2374	2378	rBV6	1133	1218	0.06%	0.007%
62	8.813	2399	2402	2406	rVB5	2115	1745	0.08%	0.011%
63	8.832	2406	2408	2410	rBV2	1760	1187	0.06%	0.007%
64	8.964	2446	2449	2455	rBV5	1446	1298	0.06%	0.008%
65	9.006	2455	2462	2464	rBV6	2343	2870	0.14%	0.017%
66	9.067	2469	2481	2509	rBV	979283	1670262	80.97%	10.079%
67	9.225	2528	2530	2534	rVV5	1704	1698	0.08%	0.010%
68	9.295	2549	2552	2558	rVB8	1673	1602	0.08%	0.010%
69	9.363	2562	2573	2583	rBV9	5426	10548	0.51%	0.064%
70	9.427	2588	2593	2599	rVB5	2385	2724	0.13%	0.016%
71	9.504	2615	2617	2618	rVV2	2093	995	0.05%	0.006%

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK44

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_U\METHOD\SOMULM091919WMA.M
Title : VOC Analysis

72	9.758	2691	2696	2701	rBV7	2978	3884	0.19%	0.023%
73	9.781	2701	2703	2705	rVV3	2184	1125	0.05%	0.007%
74	9.797	2705	2708	2710	rVV3	1733	1043	0.05%	0.006%
75	9.861	2725	2728	2731	rVB3	1230	904	0.04%	0.005%
76	9.964	2756	2760	2762	rVB3	1917	1141	0.06%	0.007%
77	9.993	2764	2769	2772	rBV4	1463	1412	0.07%	0.009%
78	10.196	2828	2832	2834	rBV3	1260	908	0.04%	0.005%
79	10.228	2839	2842	2846	rVB6	1453	893	0.04%	0.005%
80	10.270	2852	2855	2860	rVB6	1552	1352	0.07%	0.008%
81	10.295	2860	2863	2866	rBV3	2195	1944	0.09%	0.012%
82	10.408	2884	2898	2920	rBV	605032	1004214	48.68%	6.060%
83	10.530	2933	2936	2939	rBV3	1382	1133	0.05%	0.007%
84	10.591	2950	2955	2956	rBV4	1991	1529	0.07%	0.009%
85	10.794	3008	3018	3025	rBV9	7011	11240	0.54%	0.068%
86	10.948	3062	3066	3068	rBV3	1386	903	0.04%	0.005%
87	11.045	3093	3096	3099	rVB4	1902	1276	0.06%	0.008%
88	11.073	3099	3105	3110	rBV9	2270	3405	0.17%	0.021%
89	11.286	3169	3171	3175	rBV3	1422	1051	0.05%	0.006%
90	11.398	3199	3206	3214	rBV5	12053	18031	0.87%	0.109%
91	11.459	3214	3225	3246	rBV	902915	1516340	73.51%	9.150%
92	11.713	3302	3304	3307	rVB4	2035	925	0.04%	0.006%
93	11.836	3330	3342	3369	rBV	838700	1463238	70.94%	8.829%
94	12.591	3575	3577	3582	rBV5	1650	988	0.05%	0.006%
95	12.691	3605	3608	3609	rBV3	2212	1249	0.06%	0.008%
96	12.794	3634	3640	3643	rBV6	3143	2784	0.13%	0.017%
97	12.993	3700	3702	3704	rBV3	1671	911	0.04%	0.005%
98	13.080	3727	3729	3730	rBV2	2156	990	0.05%	0.006%
99	13.247	3778	3781	3784	rBV4	3062	2547	0.12%	0.015%
100	13.266	3785	3787	3793	rVB7	3289	2413	0.12%	0.015%

Sum of corrected areas: 16572319

LSC Report - Integrated Chromatogram

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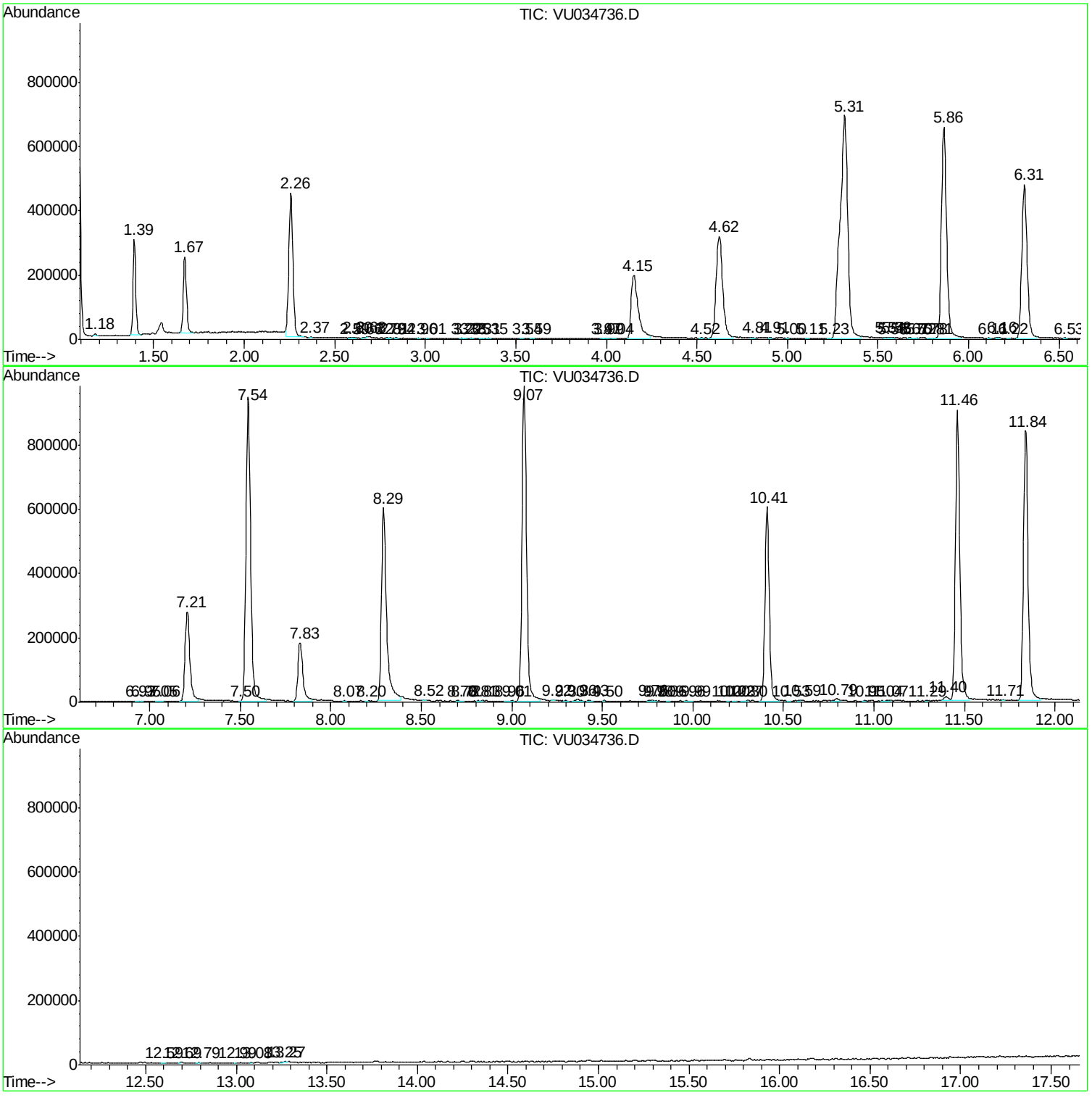
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK44

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.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_U\DATA\VU092319\
Data File : VU034736.D
Acq On : 23 Sep 2019 16:17
Operator : JC/SP
Sample : VIBLK44
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VIBLK44

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

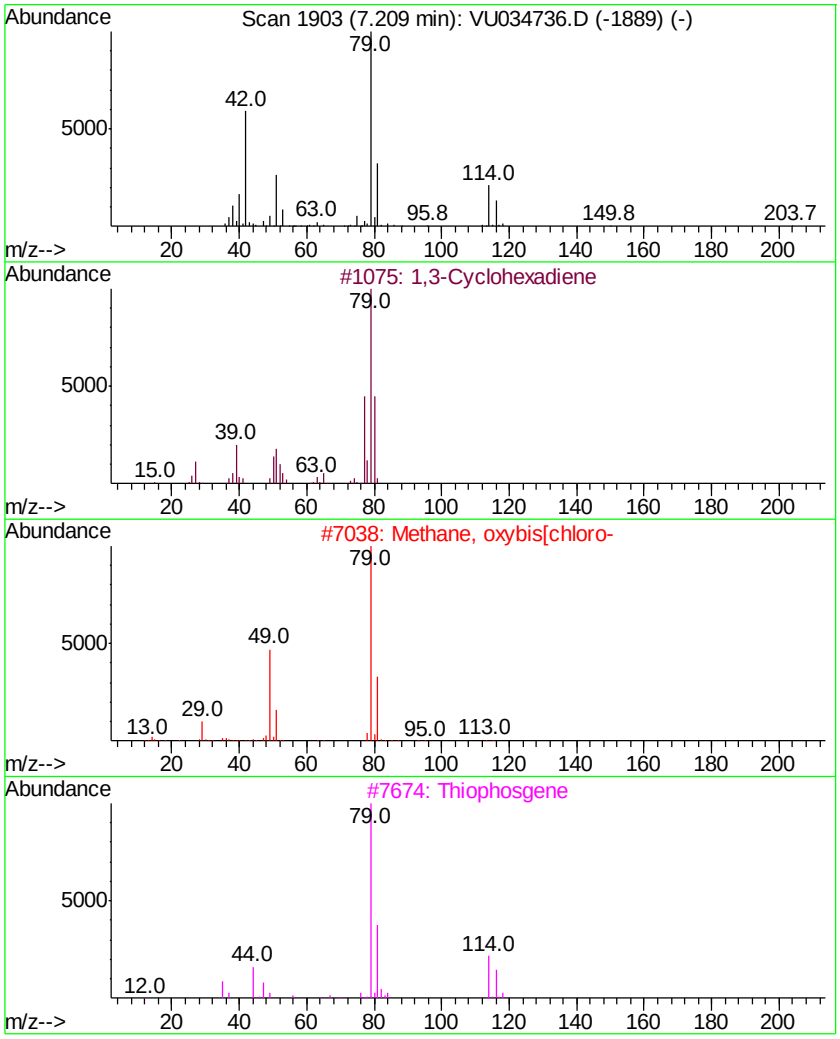
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

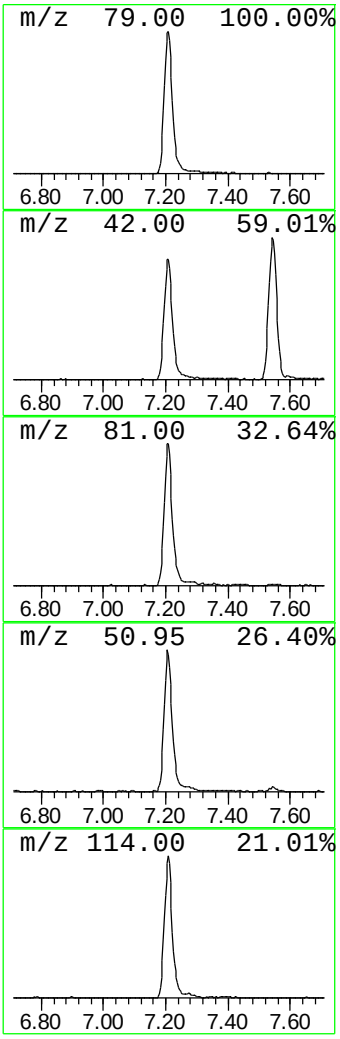
****

Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	20.01 ug/L	528069	1,4-Difluorobenzene	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclohexadiene	80	C6H8	000592-57-4	28
2	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	23
3	Thiophosgene	114	CCl2S	000463-71-8	22
4	2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	17
5	Cyclopropane	42	C3H6	000075-19-4	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092319\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.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	7.21	20.0	ug/L	528069	1	5.86	1319210	50.0