LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\
Data File : VU028843.D
Acq On : 20 Dec 2018 22:43
Operator : MD/SY
Sample : J6506-19
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF012

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\SOMULM122018WMA.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	1.399	63	70	82	rVB	100940	100286	4.07%	1.232%
2	1.672	147	155	174	rVB	76222	94749	3.84%	1.164%
3	2.270	330	341	352	rBV	153003	227709	9.24%	2.798%
4	2.447	385	396	415	rBV	72740	129704	5.26%	1.594%
5	2.717	477	480	484	rVB	307	219	0.01%	0.003%
6	2.743	485	488	490	rBV	179	114	0.00%	0.001%
7	2.836	505	517	530	rBB2	6582	13169	0.53%	0.162%
8	2.984	556	563	573	rVB3	839	1171	0.05%	0.014%
9	3.070	587	590	594	rBV	82	66	0.00%	0.001%
10	3.251	644	646	650	rBV	79	69	0.00%	0.001%
11	3.350	673	677	682	rBV	80	109	0.00%	0.001%
12	3.392	687	690	695	rBV	203	129	0.01%	0.002%
13	3.623	756	762	768	rVB	127	158	0.01%	0.002%
14	3.656	768	772	776	rBV	82	79	0.00%	0.001%
15	3.707	781	788	790	rBV	104	119	0.00%	0.001%
16	3.797	811	816	821	rBV	116	125	0.01%	0.002%
17	3.884	837	843	846	rBV	85	101	0.00%	0.001%
18	4.177	920	934	943	rBV	74716	188023	7.63%	2.311%
19	4.504	1034	1036	1038	rBV	149	62	0.00%	0.001%
20	4.517	1038	1040	1042	rVV2	146	85	0.00%	0.001%
21	4.533	1042	1045	1049	rVB	181	129	0.01%	0.002%
22	4.569	1053	1056	1057	rVB	101	59	0.00%	0.001%
23	4.646	1062	1080	1101	rBV	110722	257496	10.45%	3.164%
24	4.845	1137	1142	1144	rBV	108	93	0.00%	0.001%
25	4.890	1150	1156	1161	rBV	378	482	0.02%	0.006%
26	4.961	1175	1178	1181	rBV	104	67	0.00%	0.001%
27	4.980	1182	1184	1185	rBV	144	61	0.00%	0.001%
28	5.045	1201	1204	1208	rBB	86	58	0.00%	0.001%
29	5.074	1211	1213	1214	rBV	141	57	0.00%	0.001%
30	5.128	1227	1230	1233	rBV	103	67	0.00%	0.001%
31	5.205	1251	1254	1258	rVB2	183	143	0.01%	0.002%
32	5.337	1271	1295	1316	rBV2	237218	688053	27.91%	8.456%
33	5.684	1402	1403	1406	rVB	127	69	0.00%	0.001%
34	5.704	1406	1409	1412	rBV	65	63	0.00%	0.001%

LSC Area Percent Report

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Data File : VU028843.D
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Operator : MD/SY
Sample : J6506-19
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF012

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\SOMULM122018WMA.M
Title : VOC Analysis

35	5.752	1421	1424	1426	rBV	170	102	0.00%	0.001%
36	5.884	1452	1465	1493	rBV	225262	437266	17.74%	5.374%
37	6.099	1529	1532	1535	rBV2	194	152	0.01%	0.002%
38	6.186	1546	1559	1576	rBV	99615	192519	7.81%	2.366%
39	6.331	1589	1604	1628	rBV	159747	321018	13.02%	3.945%
40	6.459	1639	1644	1647	rBV2	418	301	0.01%	0.004%
41	6.549	1669	1672	1678	rVB	199	119	0.00%	0.001%
42	6.630	1693	1697	1702	rVB	153	127	0.01%	0.002%
43	6.726	1722	1727	1730	rBV	72	67	0.00%	0.001%
44	6.758	1734	1737	1741	rVB	90	63	0.00%	0.001%
45	6.826	1755	1758	1761	rVB	168	78	0.00%	0.001%
46	6.881	1773	1775	1779	rVB	188	102	0.00%	0.001%
47	7.000	1809	1812	1815	rVB	125	81	0.00%	0.001%
48	7.029	1815	1821	1825	rBV	103	121	0.00%	0.001%
49	7.067	1831	1833	1835	rVV	160	81	0.00%	0.001%
50	7.138	1853	1855	1860	rVB	230	129	0.01%	0.002%
51	7.225	1870	1882	1906	rBV2	89777	159571	6.47%	1.961%
52	7.401	1936	1937	1941	rBV	239	106	0.00%	0.001%
53	7.424	1942	1944	1948	rBV	111	66	0.00%	0.001%
54	7.479	1957	1961	1963	rBV	78	65	0.00%	0.001%
55	7.504	1963	1969	1972	rBV2	197	227	0.01%	0.003%
56	7.562	1975	1987	2007	rBV	306495	538637	21.85%	6.620%
57	7.726	2036	2038	2042	rBV3	284	130	0.01%	0.002%
58	7.797	2057	2060	2061	rBV3	145	62	0.00%	0.001%
59	7.848	2064	2076	2095	rBV	60808	105447	4.28%	1.296%
60	8.045	2134	2137	2139	rBV2	193	132	0.01%	0.002%
61	8.093	2149	2152	2160	rVB	174	150	0.01%	0.002%
62	8.144	2163	2168	2169	rBV2	205	177	0.01%	0.002%
63	8.176	2171	2178	2180	rVV2	1732	2088	0.08%	0.026%
64	8.225	2180	2193	2210	rVV	1457686	2465186	100.00%	30.296%
65	8.308	2211	2219	2248	rVB	247710	425571	17.26%	5.230%
66	8.562	2295	2298	2305	rVB2	162	123	0.00%	0.002%
67	8.614	2310	2314	2319	rVB2	191	173	0.01%	0.002%
68	8.826	2377	2380	2384	rBV	160	95	0.00%	0.001%
69	9.019	2433	2440	2442	rBV	115	150	0.01%	0.002%
70	9.086	2449	2461	2492	rBV	315480	527411	21.39%	6.482%
71	9.253	2509	2513	2519	rVB2	333	407	0.02%	0.005%

LSC Area Percent Report

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Data File : VU028843.D
Acq On : 20 Dec 2018 22:43
Operator : MD/SY
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Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF012

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\SOMULM122018WMA.M
Title : VOC Analysis

72	9.299	2523	2527	2530	rVV2	239	201	0.01%	0.002%
73	9.437	2567	2570	2574	rVV2	166	138	0.01%	0.002%
74	9.578	2612	2614	2618	rVB	179	81	0.00%	0.001%
75	9.681	2643	2646	2648	rBV	103	70	0.00%	0.001%
76	9.723	2657	2659	2663	rVB	145	66	0.00%	0.001%
77	9.781	2675	2677	2680	rBV	158	129	0.01%	0.002%
78	9.964	2731	2734	2737	rBV	143	78	0.00%	0.001%
79	9.983	2737	2740	2748	rVB	216	143	0.01%	0.002%
80	10.073	2765	2768	2769	rBV	141	66	0.00%	0.001%
81	10.109	2776	2779	2782	rBV	260	184	0.01%	0.002%
82	10.286	2831	2834	2838	rBV	252	146	0.01%	0.002%
83	10.337	2848	2850	2853	rVB	175	80	0.00%	0.001%
84	10.430	2865	2879	2904	rBV	222825	353314	14.33%	4.342%
85	10.607	2928	2934	2942	rVB3	1990	2616	0.11%	0.032%
86	10.678	2952	2956	2958	rBV	235	133	0.01%	0.002%
87	10.855	3009	3011	3016	rBV	123	105	0.00%	0.001%
88	11.032	3062	3066	3070	rVB2	194	157	0.01%	0.002%
89	11.151	3099	3103	3106	rBV2	203	175	0.01%	0.002%
90	11.482	3195	3206	3224	rBV	284654	444216	18.02%	5.459%
91	11.614	3244	3247	3249	rBV2	204	156	0.01%	0.002%
92	11.649	3255	3258	3260	rBV2	276	194	0.01%	0.002%
93	11.687	3268	3270	3275	rVB	225	143	0.01%	0.002%
94	11.716	3275	3279	3280	rBV	266	208	0.01%	0.003%
95	11.752	3284	3290	3301	rVB4	2778	4537	0.18%	0.056%
96	11.858	3310	3323	3339	rBV	283950	447763	18.16%	5.503%
97	12.099	3395	3398	3399	rBV	183	86	0.00%	0.001%
98	12.144	3409	3412	3415	rVB	250	159	0.01%	0.002%
99	12.414	3494	3496	3497	rBV	191	80	0.00%	0.001%
100	13.054	3692	3695	3696	rBV2	272	166	0.01%	0.002%

Sum of corrected areas: 8137033

LSC Report - Integrated Chromatogram

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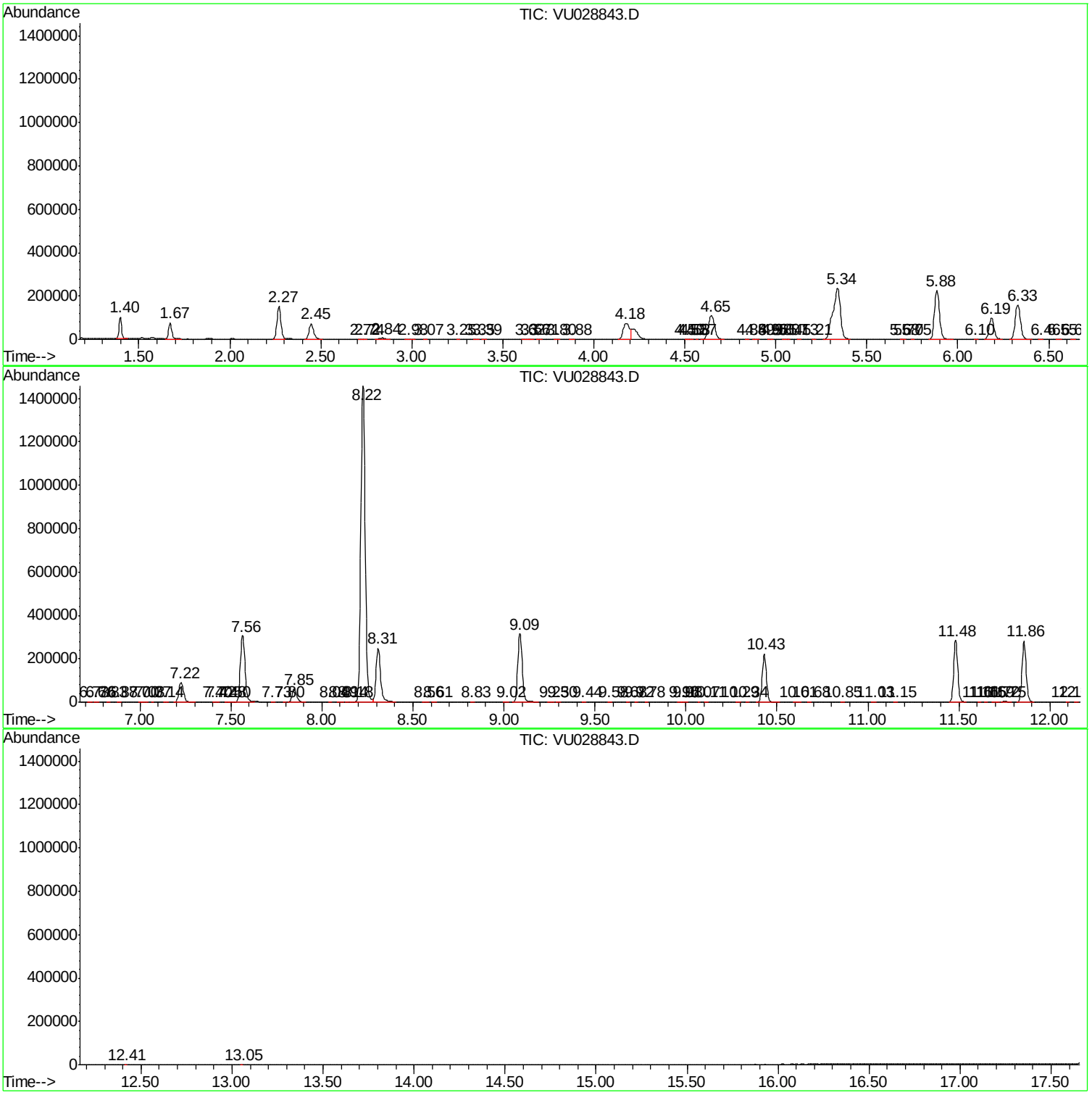
Sample : J6506-19
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF012

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.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\VU122018\
Data File : VU028843.D
Acq On : 20 Dec 2018 22:43
Operator : MD/SY
Sample : J6506-19
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF012

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis

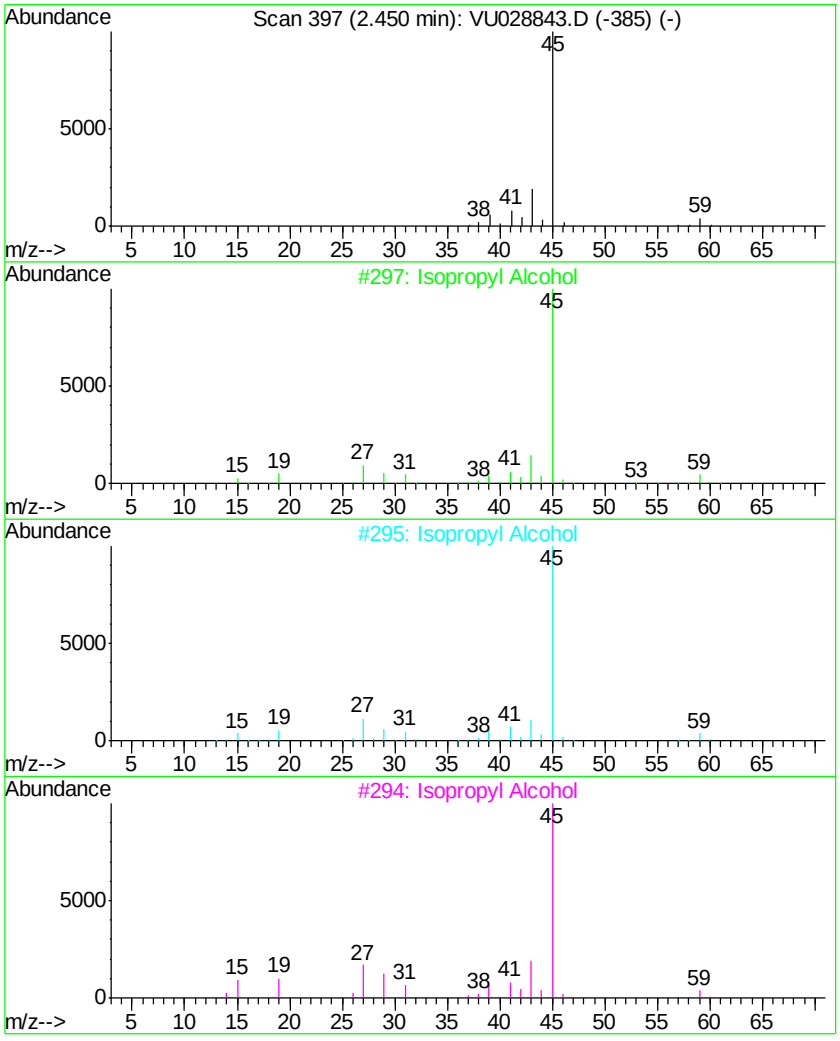
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

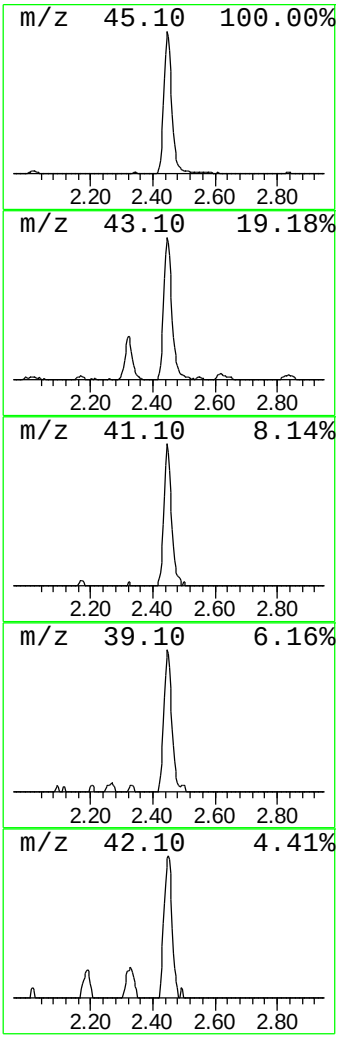
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.45	14.83 ug/L	129704	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5	4-Penten-2-ol	86	C5H10O	000625-31-0	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\
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ALS Vial : 35 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF012

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.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
Isopropyl Alcohol	2.45	14.8	ug/L	129704	1	5.88	437266	50.0