LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\
Data File : VU028840.D
Acq On : 20 Dec 2018 21:31
Operator : MD/SY
Sample : J6507-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF048

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	rBV	99511	101261	14.56%	1.829%
2	1.672	148	155	173	rVB	77089	96915	13.93%	1.750%
3	2.270	330	341	352	rBV	152602	228040	32.79%	4.118%
4	2.447	385	396	414	rBV	71206	128262	18.44%	2.316%
5	2.730	482	484	486	rVB	229	109	0.02%	0.002%
6	2.781	497	500	503	rBV	103	55	0.01%	0.001%
7	2.836	505	517	531	rVV2	5516	11637	1.67%	0.210%
8	2.955	551	554	557	rBV	116	81	0.01%	0.001%
9	3.263	645	650	654	rBV	83	111	0.02%	0.002%
10	3.337	671	673	678	rVB	164	101	0.01%	0.002%
11	3.424	697	700	702	rBV	154	78	0.01%	0.001%
12	3.681	776	780	783	rBV	125	103	0.01%	0.002%
13	3.755	799	803	805	rBV	138	97	0.01%	0.002%
14	3.890	841	845	850	rVB	144	118	0.02%	0.002%
15	4.000	876	879	883	rBV	135	86	0.01%	0.002%
16	4.026	883	887	889	rBV	158	106	0.02%	0.002%
17	4.061	895	898	901	rBV	88	59	0.01%	0.001%
18	4.177	920	934	960	rBV2	73142	199486	28.68%	3.602%
19	4.511	1035	1038	1040	rBV	120	53	0.01%	0.001%
20	4.646	1062	1080	1108	rBV	113782	266343	38.29%	4.810%
21	4.788	1122	1124	1127	rVB	150	62	0.01%	0.001%
22	4.820	1132	1134	1138	rBV	162	100	0.01%	0.002%
23	4.836	1138	1139	1143	rVB	189	82	0.01%	0.001%
24	4.884	1148	1154	1165	rVB2	476	748	0.11%	0.014%
25	4.955	1173	1176	1180	rVB	144	102	0.01%	0.002%
26	4.984	1181	1185	1190	rBV2	279	252	0.04%	0.005%
27	5.061	1207	1209	1211	rBV	150	61	0.01%	0.001%
28	5.090	1215	1218	1221	rBV	92	62	0.01%	0.001%
29	5.151	1234	1237	1238	rBV	101	59	0.01%	0.001%
30	5.183	1243	1247	1251	rBV	63	65	0.01%	0.001%
31	5.341	1271	1296	1318	rBV2	236757	695508	100.00%	12.560%
32	5.562	1363	1365	1368	rVB	129	76	0.01%	0.001%
33	5.585	1368	1372	1380	rVB	124	177	0.03%	0.003%
34	5.617	1380	1382	1387	rBV	166	127	0.02%	0.002%

LSC Area Percent Report

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Operator : MD/SY
Sample : J6507-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF048

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	5.775	1425	1431	1433	rBV	54	65	0.01%	0.001%
36	5.826	1443	1447	1451	rBV	130	107	0.02%	0.002%
37	5.884	1451	1465	1483	rBV	227057	442518	63.63%	7.991%
38	6.099	1531	1532	1534	rBV	112	60	0.01%	0.001%
39	6.119	1535	1538	1540	rVV2	284	160	0.02%	0.003%
40	6.148	1544	1547	1552	rVB	116	102	0.01%	0.002%
41	6.193	1558	1561	1562	rBV	415	218	0.03%	0.004%
42	6.328	1587	1603	1627	rBV	162343	322734	46.40%	5.828%
43	6.447	1635	1640	1644	rBV4	412	491	0.07%	0.009%
44	6.720	1722	1725	1728	rBV	153	108	0.02%	0.002%
45	6.765	1737	1739	1746	rVB	180	115	0.02%	0.002%
46	6.945	1791	1795	1799	rBV	93	89	0.01%	0.002%
47	6.971	1800	1803	1807	rVV	202	123	0.02%	0.002%
48	7.103	1842	1844	1847	rVV	132	64	0.01%	0.001%
49	7.225	1871	1882	1901	rBV	91047	160677	23.10%	2.902%
50	7.418	1938	1942	1945	rBV	159	137	0.02%	0.002%
51	7.459	1953	1955	1956	rBV	206	96	0.01%	0.002%
52	7.501	1966	1968	1969	rBV	148	63	0.01%	0.001%
53	7.562	1974	1987	2006	rBV	307550	543080	78.08%	9.807%
54	7.849	2065	2076	2097	rBV	62928	105137	15.12%	1.899%
55	7.990	2117	2120	2123	rVB2	314	230	0.03%	0.004%
56	8.035	2132	2134	2135	rBV2	137	61	0.01%	0.001%
57	8.122	2159	2161	2163	rBV	127	53	0.01%	0.001%
58	8.138	2164	2166	2168	rBV	101	56	0.01%	0.001%
59	8.176	2169	2178	2190	rVB4	3442	6267	0.90%	0.113%
60	8.228	2190	2194	2199	rBV3	424	335	0.05%	0.006%
61	8.308	2208	2219	2247	rBV	241889	410758	59.06%	7.418%
62	8.521	2282	2285	2287	rBV	187	144	0.02%	0.003%
63	8.569	2297	2300	2304	rVV2	178	152	0.02%	0.003%
64	8.588	2304	2306	2309	rVB	149	64	0.01%	0.001%
65	8.636	2316	2321	2327	rVB2	260	241	0.03%	0.004%
66	8.675	2331	2333	2337	rVB	196	74	0.01%	0.001%
67	8.794	2365	2370	2373	rBV	105	101	0.01%	0.002%
68	8.839	2381	2384	2389	rBV	110	107	0.02%	0.002%
69	8.987	2426	2430	2434	rBV	86	101	0.01%	0.002%
70	9.012	2435	2438	2442	rVB	139	99	0.01%	0.002%
71	9.086	2448	2461	2502	rBV	317137	530854	76.33%	9.586%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\
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Acq On : 20 Dec 2018 21:31
Operator : MD/SY
Sample : J6507-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF048

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	9.257	2508	2514	2520	rVB3	437	553	0.08%	0.010%
73	9.533	2597	2600	2605	rVB	154	134	0.02%	0.002%
74	9.562	2605	2609	2611	rBV	135	110	0.02%	0.002%
75	9.774	2672	2675	2678	rBV	210	153	0.02%	0.003%
76	9.868	2702	2704	2707	rVB	138	67	0.01%	0.001%
77	9.951	2727	2730	2734	rBV	149	89	0.01%	0.002%
78	10.119	2780	2782	2788	rBV	162	91	0.01%	0.002%
79	10.241	2817	2820	2826	rVB	269	155	0.02%	0.003%
80	10.299	2836	2838	2843	rVB2	179	128	0.02%	0.002%
81	10.430	2866	2879	2897	rBV	224415	356683	51.28%	6.441%
82	10.607	2925	2934	2944	rBV2	3993	6154	0.88%	0.111%
83	10.662	2949	2951	2956	rBV	197	120	0.02%	0.002%
84	10.704	2962	2964	2966	rVB	229	91	0.01%	0.002%
85	10.742	2974	2976	2978	rVB	182	70	0.01%	0.001%
86	11.028	3063	3065	3068	rVB	163	74	0.01%	0.001%
87	11.115	3090	3092	3093	rBV	182	59	0.01%	0.001%
88	11.430	3188	3190	3194	rVB	293	143	0.02%	0.003%
89	11.482	3194	3206	3225	rBV	283298	447826	64.39%	8.087%
90	11.649	3255	3258	3264	rVB2	329	287	0.04%	0.005%
91	11.749	3280	3289	3303	rBV2	9797	17928	2.58%	0.324%
92	11.858	3311	3323	3341	rBV	275768	448517	64.49%	8.099%
93	12.225	3435	3437	3442	rVB	363	227	0.03%	0.004%
94	12.405	3490	3493	3497	rBV2	211	171	0.02%	0.003%
95	12.553	3536	3539	3542	rBV	269	241	0.03%	0.004%
96	12.585	3546	3549	3552	rBV	245	204	0.03%	0.004%
97	12.620	3557	3560	3563	rBV2	371	270	0.04%	0.005%
98	12.704	3583	3586	3588	rVB	418	211	0.03%	0.004%
99	12.729	3592	3594	3597	rBV	301	230	0.03%	0.004%
100	12.807	3613	3618	3619	rBV	266	219	0.03%	0.004%

Sum of corrected areas: 5537628

LSC Report - Integrated Chromatogram

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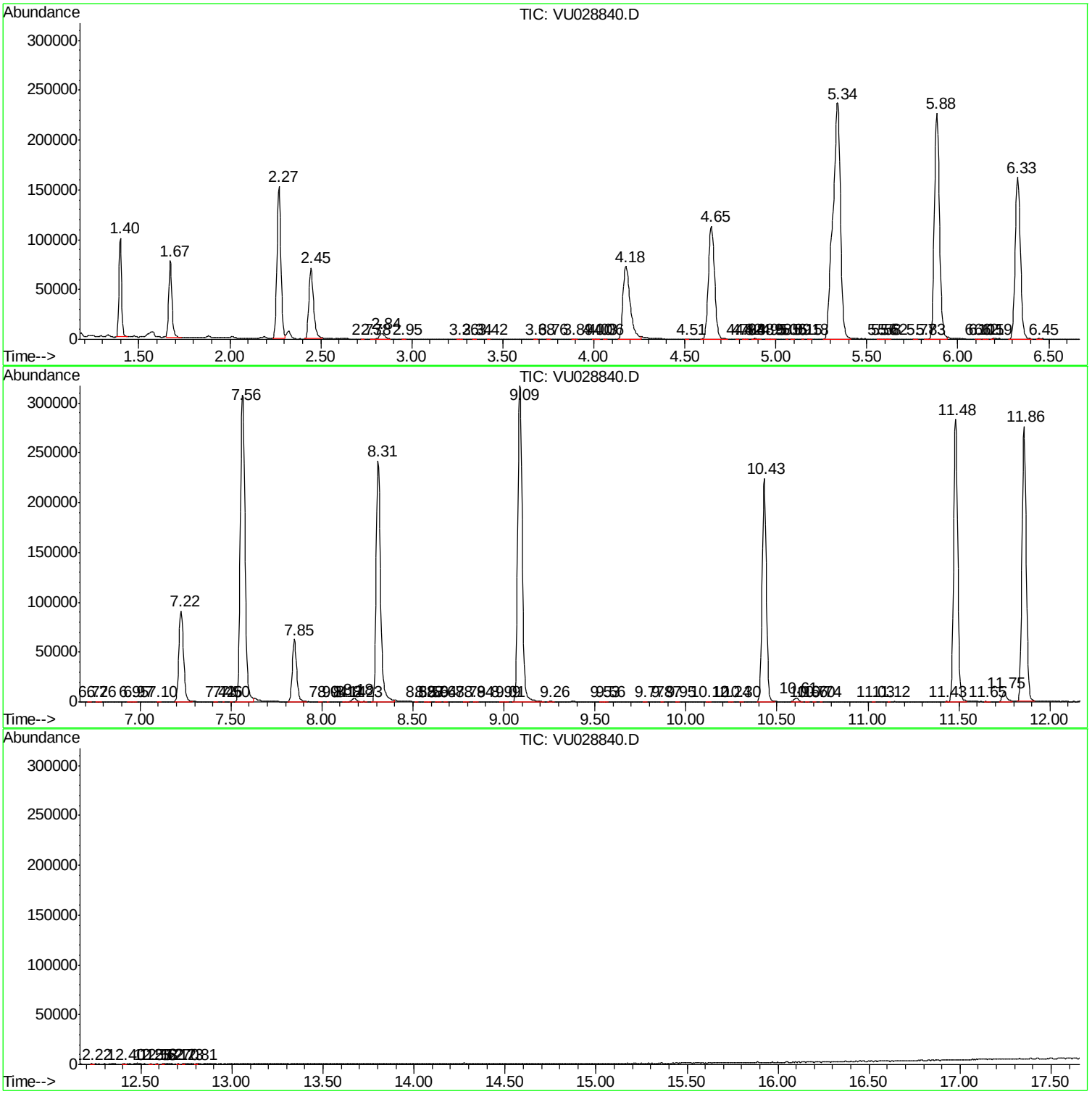
Data File : VU028840.D
Acq On : 20 Dec 2018 21:31
Operator : MD/SY
Sample : J6507-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF048

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 : VU028840.D
Acq On : 20 Dec 2018 21:31
Operator : MD/SY
Sample : J6507-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF048

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

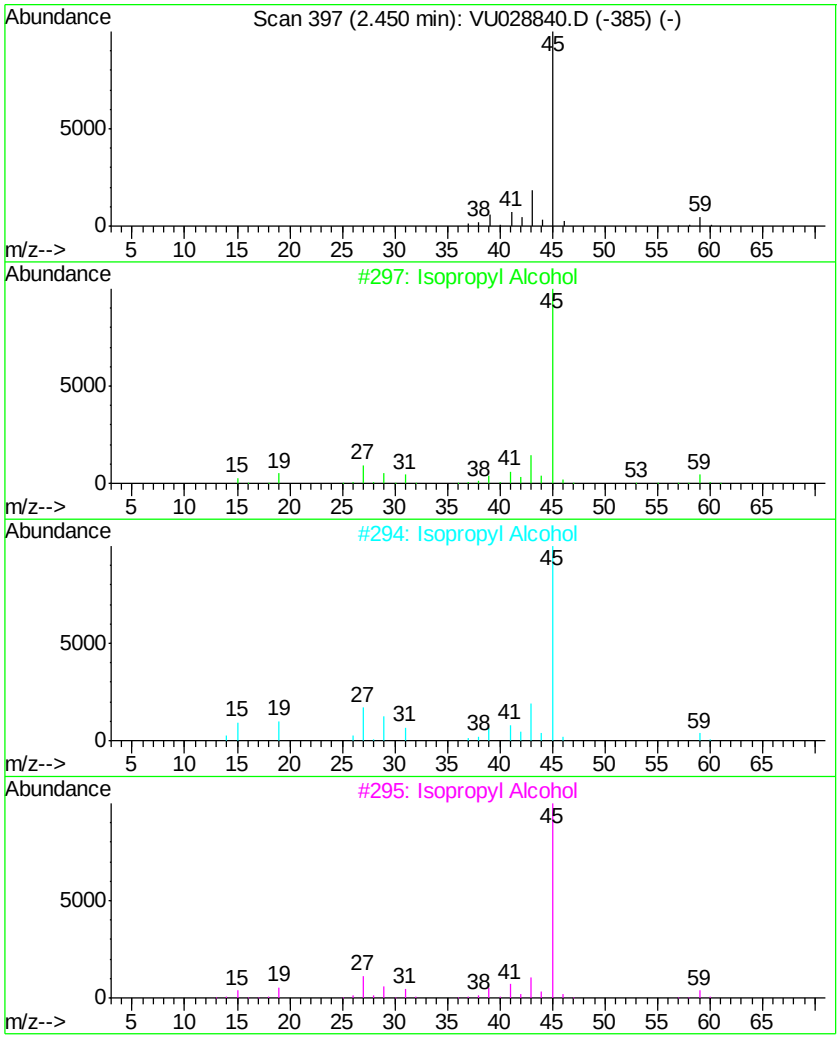
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

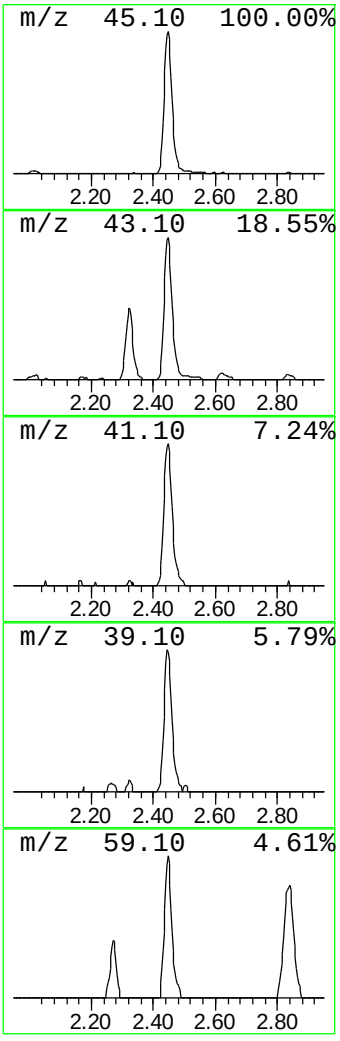
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.45	14.49 ug/L	128262	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	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
5	L-Lactic acid	90	C3H6O3	000079-33-4	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\
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ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
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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	14.5	ug/L	128262	1	5.88	442518	50.0