LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091318\
Data File : VU026709.D
Acq On : 12 Sep 2018 18:10
Operator : MD/SY
Sample : J4868-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB3Q9

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\SOMULM091018WMA.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	1.395	63	69	85	rBV	95752	99815	13.54%	1.713%
2	1.678	150	157	175	rVB	78296	101440	13.76%	1.741%
3	2.103	283	289	301	rVB	24402	33562	4.55%	0.576%
4	2.270	331	341	351	rBV	157119	235564	31.95%	4.042%
5	2.450	386	397	419	rBV	11658	20520	2.78%	0.352%
6	2.556	421	430	441	rBV4	1623	2977	0.40%	0.051%
7	2.839	508	518	526	rVB2	974	2020	0.27%	0.035%
8	3.302	657	662	665	rBV	170	144	0.02%	0.002%
9	3.331	669	671	674	rVB	306	118	0.02%	0.002%
10	3.469	709	714	717	rBV	168	153	0.02%	0.003%
11	3.636	763	766	770	rVV	97	60	0.01%	0.001%
12	3.701	783	786	791	rBV	82	80	0.01%	0.001%
13	3.746	797	800	806	rVB	95	80	0.01%	0.001%
14	3.845	825	831	834	rBV	121	140	0.02%	0.002%
15	3.961	863	867	869	rBV	171	87	0.01%	0.001%
16	4.109	910	913	914	rBV	214	123	0.02%	0.002%
17	4.119	914	916	920	rVB2	248	163	0.02%	0.003%
18	4.180	920	935	960	rBV	70626	183666	24.91%	3.151%
19	4.389	994	1000	1015	rVB3	2651	5716	0.78%	0.098%
20	4.556	1046	1052	1055	rBV	75	78	0.01%	0.001%
21	4.591	1060	1063	1064	rBV	96	58	0.01%	0.001%
22	4.649	1064	1081	1110	rVV	124416	289652	39.28%	4.970%
23	4.884	1148	1154	1164	rVB4	745	1237	0.17%	0.021%
24	4.993	1181	1188	1193	rBV2	316	380	0.05%	0.007%
25	5.032	1197	1200	1206	rBV	79	80	0.01%	0.001%
26	5.103	1221	1222	1225	rVB2	148	75	0.01%	0.001%
27	5.115	1225	1226	1230	rBV	144	96	0.01%	0.002%
28	5.183	1242	1247	1251	rBV	110	103	0.01%	0.002%
29	5.344	1272	1297	1327	rBV2	249862	737381	100.00%	12.652%
30	5.517	1348	1351	1356	rVB	168	98	0.01%	0.002%
31	5.543	1356	1359	1363	rBV	134	89	0.01%	0.002%
32	5.566	1363	1366	1371	rBV	79	63	0.01%	0.001%
33	5.742	1419	1421	1423	rBV	130	75	0.01%	0.001%
34	5.794	1435	1437	1440	rVB	140	101	0.01%	0.002%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091318\
Data File : VU026709.D
Acq On : 12 Sep 2018 18:10
Operator : MD/SY
Sample : J4868-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB3Q9

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\SOMULM091018WMA.M
Title : VOC Analysis

35	5.820	1440	1445	1448	rBV	74	64	0.01%	0.001%
36	5.890	1452	1467	1491	rBV	249230	486629	65.99%	8.350%
37	6.176	1549	1556	1557	rBV2	247	239	0.03%	0.004%
38	6.254	1577	1580	1582	rBV2	125	89	0.01%	0.002%
39	6.334	1590	1605	1628	rBV	172551	343649	46.60%	5.897%
40	6.463	1638	1645	1648	rBV4	507	707	0.10%	0.012%
41	6.511	1657	1660	1663	rBV	181	160	0.02%	0.003%
42	6.553	1671	1673	1682	rVB2	273	318	0.04%	0.005%
43	6.604	1687	1689	1691	rBV	149	65	0.01%	0.001%
44	6.656	1699	1705	1708	rBV2	191	176	0.02%	0.003%
45	6.684	1710	1714	1717	rVB2	125	82	0.01%	0.001%
46	6.787	1740	1746	1748	rBV2	495	593	0.08%	0.010%
47	6.819	1754	1756	1757	rBV	344	144	0.02%	0.002%
48	6.929	1788	1790	1791	rBV	127	58	0.01%	0.001%
49	6.967	1799	1802	1803	rBV	112	71	0.01%	0.001%
50	7.070	1832	1834	1841	rVB	245	132	0.02%	0.002%
51	7.115	1845	1848	1849	rBV	117	74	0.01%	0.001%
52	7.231	1871	1884	1904	rBV	95528	167314	22.69%	2.871%
53	7.376	1924	1929	1930	rBV	365	268	0.04%	0.005%
54	7.466	1954	1957	1959	rBV	319	246	0.03%	0.004%
55	7.508	1968	1970	1972	rBV	155	100	0.01%	0.002%
56	7.569	1975	1989	2007	rBV	336739	577181	78.27%	9.904%
57	7.778	2052	2054	2055	rBV	171	77	0.01%	0.001%
58	7.852	2065	2077	2099	rBV	67606	112931	15.32%	1.938%
59	8.003	2122	2124	2128	rVB2	277	184	0.02%	0.003%
60	8.025	2129	2131	2134	rVB	267	126	0.02%	0.002%
61	8.041	2134	2136	2138	rBV	159	74	0.01%	0.001%
62	8.067	2141	2144	2147	rBV	149	103	0.01%	0.002%
63	8.102	2153	2155	2157	rVB	232	68	0.01%	0.001%
64	8.183	2167	2180	2190	rBV	5896	11954	1.62%	0.205%
65	8.315	2210	2221	2250	rVB	234857	392722	53.26%	6.739%
66	8.591	2304	2307	2311	rBV	195	148	0.02%	0.003%
67	8.717	2344	2346	2349	rVB	189	112	0.02%	0.002%
68	8.742	2352	2354	2356	rVB	139	59	0.01%	0.001%
69	8.810	2373	2375	2380	rVB	149	62	0.01%	0.001%
70	8.842	2381	2385	2392	rVB2	190	170	0.02%	0.003%
71	8.893	2398	2401	2403	rVB	308	126	0.02%	0.002%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091318\
Data File : VU026709.D
Acq On : 12 Sep 2018 18:10
Operator : MD/SY
Sample : J4868-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB3Q9

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\SOMULM091018WMA.M
Title : VOC Analysis

72	8.951	2415	2419	2421	rBV	337	174	0.02%	0.003%
73	8.999	2430	2434	2436	rBV	161	122	0.02%	0.002%
74	9.093	2449	2463	2492	rBV	349500	572349	77.62%	9.821%
75	9.250	2509	2512	2514	rBV	291	174	0.02%	0.003%
76	9.318	2531	2533	2537	rBV	179	93	0.01%	0.002%
77	9.379	2547	2552	2558	rBV2	325	399	0.05%	0.007%
78	9.408	2559	2561	2564	rVB	192	64	0.01%	0.001%
79	9.498	2587	2589	2592	rBV2	159	114	0.02%	0.002%
80	9.588	2614	2617	2619	rBV2	136	93	0.01%	0.002%
81	9.749	2663	2667	2668	rBV	188	122	0.02%	0.002%
82	9.784	2674	2678	2680	rBV	304	236	0.03%	0.004%
83	9.806	2683	2685	2688	rBV	196	99	0.01%	0.002%
84	9.929	2719	2723	2730	rBV2	250	305	0.04%	0.005%
85	10.051	2760	2761	2763	rVB2	309	86	0.01%	0.001%
86	10.106	2776	2778	2780	rBV	189	92	0.01%	0.002%
87	10.118	2780	2782	2788	rVB	218	143	0.02%	0.002%
88	10.170	2794	2798	2800	rBV	183	107	0.01%	0.002%
89	10.221	2812	2814	2816	rBV	159	76	0.01%	0.001%
90	10.360	2854	2857	2862	rVB	174	108	0.01%	0.002%
91	10.434	2867	2880	2897	rBV	243678	380948	51.66%	6.537%
92	10.610	2927	2935	2945	rBV3	3128	4879	0.66%	0.084%
93	10.826	2999	3002	3003	rBV3	150	67	0.01%	0.001%
94	11.015	3057	3061	3067	rBV	458	543	0.07%	0.009%
95	11.485	3195	3207	3224	rBV	330864	512435	69.49%	8.793%
96	11.642	3251	3256	3259	rBV2	270	317	0.04%	0.005%
97	11.749	3280	3289	3302	rBV	12040	20150	2.73%	0.346%
98	11.861	3313	3324	3342	rVB	325384	519939	70.51%	8.921%
99	12.083	3390	3393	3396	rBV	358	252	0.03%	0.004%
100	12.523	3526	3530	3533	rVB2	364	239	0.03%	0.004%

Sum of corrected areas: 5827994

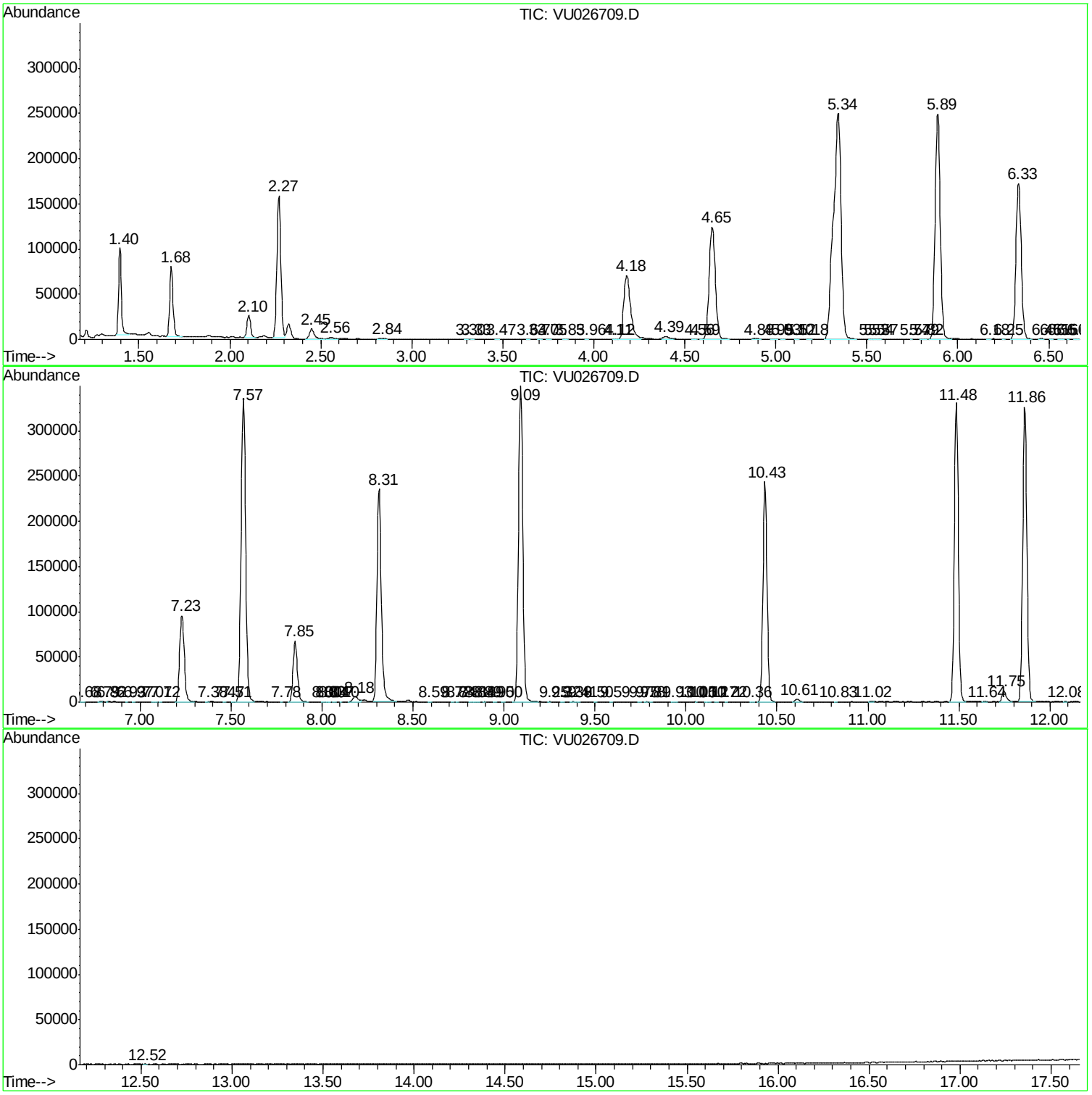
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091318\
Data File : VU026709.D
Acq On : 12 Sep 2018 18:10
Operator : MD/SY
Sample : J4868-09
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB3Q9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.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\VU091318\
Data File : VU026709.D
Acq On : 12 Sep 2018 18:10
Operator : MD/SY
Sample : J4868-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB3Q9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis

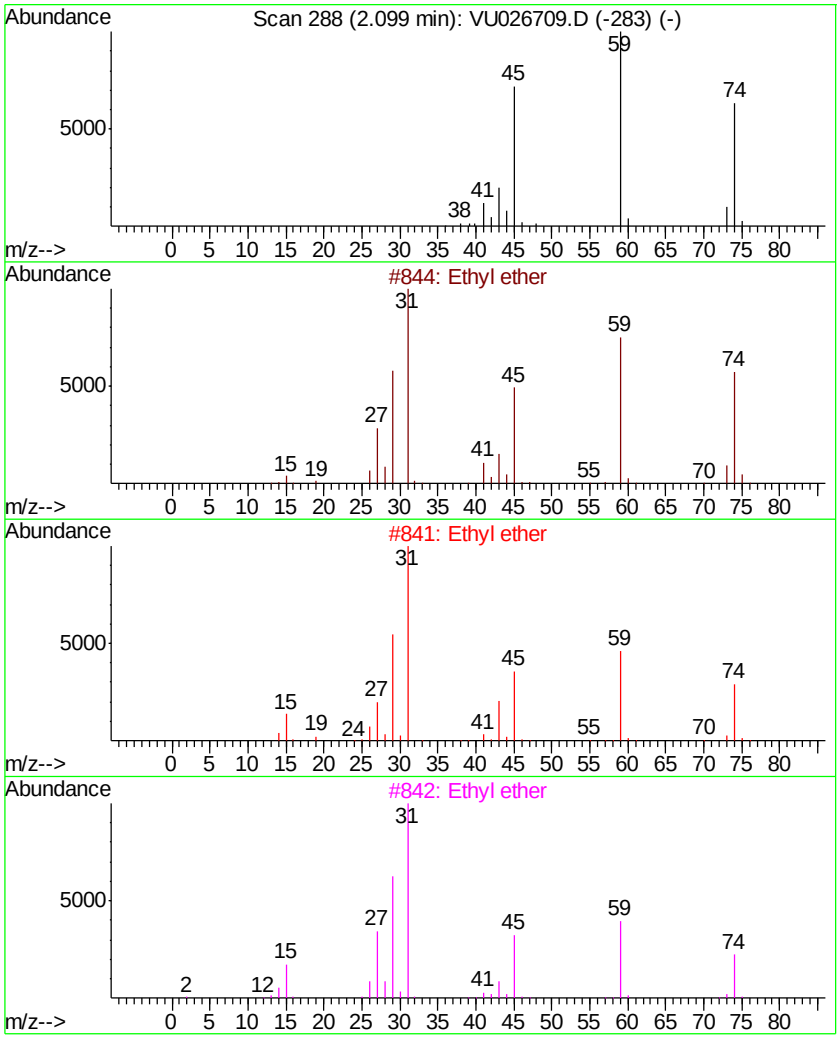
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

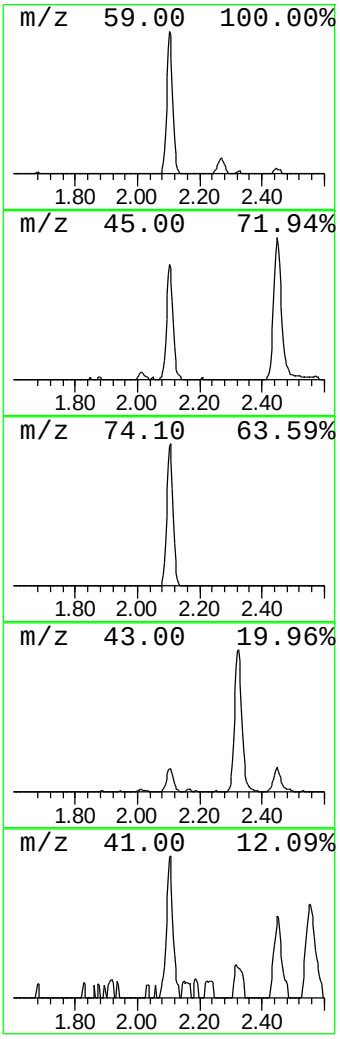
****

Peak Number 1 Ethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.10	3.45 ug/L	33562	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl ether	74	C4H10O	000060-29-7	90
2	Ethyl ether	74	C4H10O	000060-29-7	90
3	Ethyl ether	74	C4H10O	000060-29-7	90
4	Ethyl ether	74	C4H10O	000060-29-7	90
5	Ethyl ether	74	C4H10O	000060-29-7	78





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091318\
Data File : VU026709.D
Acq On : 12 Sep 2018 18:10
Operator : MD/SY
Sample : J4868-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : DB3Q9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.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
Ethyl ether	2.10	3.5	ug/L	33562	1	5.89	486629	50.0