LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092019\
Data File : VU034698.D
Acq On : 20 Sep 2019 18:52
Operator : JC/SP
Sample : K4948-13
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BEDQ2

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	35	rVB2	10030	9584	0.42%	0.055%
2	1.392	88	94	103	rBV	314242	342892	15.08%	1.955%
3	1.672	174	181	198	rVB	264466	350638	15.42%	2.000%
4	2.257	354	363	377	rVB	472734	719186	31.62%	4.101%
5	2.428	408	416	432	rVB	59020	103250	4.54%	0.589%
6	2.814	533	536	537	rBV4	3495	2210	0.10%	0.013%
7	2.884	555	558	563	rBV7	1713	1576	0.07%	0.009%
8	3.100	621	625	627	rBV3	1389	995	0.04%	0.006%
9	3.161	641	644	648	rBV6	1436	1121	0.05%	0.006%
10	3.196	653	655	659	rVB5	1725	1000	0.04%	0.006%
11	3.351	699	703	705	rBV4	1472	1166	0.05%	0.007%
12	3.373	707	710	714	rVB4	1456	1296	0.06%	0.007%
13	3.399	714	718	720	rBV3	1296	977	0.04%	0.006%
14	3.457	730	736	739	rVB6	1846	1441	0.06%	0.008%
15	3.479	741	743	749	rVB5	2162	1794	0.08%	0.010%
16	3.508	749	752	754	rBV4	1668	1183	0.05%	0.007%
17	3.543	757	763	765	rBV7	1308	1152	0.05%	0.007%
18	3.579	770	774	777	rVB4	1418	1124	0.05%	0.006%
19	3.637	790	792	798	rVB7	1349	991	0.04%	0.006%
20	3.672	798	803	805	rBV4	1594	1154	0.05%	0.007%
21	3.836	850	854	856	rBV4	1786	1267	0.06%	0.007%
22	3.884	865	869	873	rVB5	1227	938	0.04%	0.005%
23	3.920	873	880	887	rBV10	1936	2974	0.13%	0.017%
24	3.955	887	891	894	rVV5	1455	1149	0.05%	0.007%
25	4.035	911	916	917	rBV3	1472	1001	0.04%	0.006%
26	4.048	917	920	923	rVV4	1387	1056	0.05%	0.006%
27	4.151	939	952	982	rBV	221471	633847	27.87%	3.615%
28	4.415	1030	1034	1037	rVB4	2705	2233	0.10%	0.013%
29	4.560	1076	1079	1083	rBV4	1383	1235	0.05%	0.007%
30	4.621	1083	1098	1120	rBV	367968	869488	38.23%	4.959%
31	4.961	1199	1204	1207	rBV6	2335	2583	0.11%	0.015%
32	5.141	1256	1260	1265	rBV7	1563	1937	0.09%	0.011%
33	5.315	1290	1314	1341	rBV2	747179	2274288	100.00%	12.970%
34	5.698	1428	1433	1439	rVB9	1667	1840	0.08%	0.010%

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ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BEDQ2

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	5.723	1439	1441	1451	rVB8	1997	2699	0.12%	0.015%
36	5.765	1451	1454	1456	rBV3	1724	1322	0.06%	0.008%
37	5.797	1463	1464	1470	rVB4	2518	1365	0.06%	0.008%
38	5.862	1470	1484	1507	rBV	636799	1285892	56.54%	7.333%
39	6.309	1609	1623	1645	rBV	525951	1068009	46.96%	6.091%
40	6.772	1764	1767	1769	rBV3	1616	1071	0.05%	0.006%
41	6.810	1773	1779	1785	rBV8	1628	2725	0.12%	0.016%
42	6.878	1798	1800	1803	rVB3	2014	995	0.04%	0.006%
43	6.984	1828	1833	1838	rVB7	1502	1573	0.07%	0.009%
44	7.206	1890	1902	1927	rBV	304567	573871	25.23%	3.273%
45	7.543	1993	2007	2025	rBV	1002214	1765864	77.64%	10.070%
46	7.829	2082	2096	2117	rBV	205988	383995	16.88%	2.190%
47	8.077	2168	2173	2175	rBV2	1404	1186	0.05%	0.007%
48	8.154	2192	2197	2201	rBV6	2326	2325	0.10%	0.013%
49	8.209	2205	2214	2222	rBV7	10803	19745	0.87%	0.113%
50	8.289	2228	2239	2276	rBV	706058	1380416	60.70%	7.872%
51	8.665	2354	2356	2360	rVB4	1114	837	0.04%	0.005%
52	8.723	2369	2374	2376	rBV3	1633	1573	0.07%	0.009%
53	8.772	2384	2389	2393	rBV9	2066	2193	0.10%	0.013%
54	8.797	2393	2397	2400	rVV6	1167	1051	0.05%	0.006%
55	8.842	2408	2411	2417	rVB7	1195	947	0.04%	0.005%
56	9.067	2469	2481	2505	rBV	957977	1609614	70.77%	9.179%
57	9.273	2542	2545	2549	rVB4	1871	1536	0.07%	0.009%
58	9.299	2549	2553	2557	rBV5	1702	1673	0.07%	0.010%
59	9.341	2562	2566	2568	rBV4	1442	1216	0.05%	0.007%
60	9.360	2568	2572	2575	rVB3	1528	1523	0.07%	0.009%
61	9.601	2644	2647	2649	rBV4	1476	945	0.04%	0.005%
62	9.765	2694	2698	2700	rBV6	1716	1214	0.05%	0.007%
63	9.878	2728	2733	2734	rBV5	1403	1250	0.05%	0.007%
64	9.939	2750	2752	2757	rVB5	1407	900	0.04%	0.005%
65	9.984	2763	2766	2769	rVB4	1947	1056	0.05%	0.006%
66	10.154	2817	2819	2824	rVB5	2156	1560	0.07%	0.009%
67	10.215	2834	2838	2841	rBV4	1916	1427	0.06%	0.008%
68	10.341	2874	2877	2883	rBV6	966	956	0.04%	0.005%
69	10.408	2886	2898	2917	rBV	666701	1099459	48.34%	6.270%
70	10.579	2949	2951	2952	rBV	2201	1092	0.05%	0.006%
71	10.669	2976	2979	2981	rBV3	1260	839	0.04%	0.005%

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Sample : K4948-13
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ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BEDQ2

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	10.743	3000	3002	3005	rBV4	2510	1385	0.06%	0.008%
73	10.820	3021	3026	3029	rBV7	1456	1355	0.06%	0.008%
74	10.974	3071	3074	3077	rBV4	1412	874	0.04%	0.005%
75	11.135	3118	3124	3127	rVV7	1826	2167	0.10%	0.012%
76	11.151	3127	3129	3132	rVB4	2215	1205	0.05%	0.007%
77	11.173	3132	3136	3140	rBV5	1696	1335	0.06%	0.008%
78	11.379	3195	3200	3201	rBV4	1126	1012	0.04%	0.006%
79	11.460	3213	3225	3245	rBV	869161	1448221	63.68%	8.259%
80	11.836	3330	3342	3365	rVV	888007	1480927	65.12%	8.445%
81	12.125	3429	3432	3437	rBV6	2085	1467	0.06%	0.008%
82	12.373	3507	3509	3514	rVB5	2526	1639	0.07%	0.009%
83	12.878	3663	3666	3671	rBV6	2006	1975	0.09%	0.011%
84	12.913	3673	3677	3679	rVV4	1486	1145	0.05%	0.007%
85	13.035	3710	3715	3719	rBV6	2045	2241	0.10%	0.013%
86	13.058	3719	3722	3726	rVV4	1628	1472	0.06%	0.008%
87	13.099	3730	3735	3737	rBV4	1802	1751	0.08%	0.010%
88	13.119	3738	3741	3745	rBV3	1494	1232	0.05%	0.007%
89	13.141	3745	3748	3750	rBV4	1979	1113	0.05%	0.006%
90	13.353	3810	3814	3817	rBV5	1525	1484	0.07%	0.008%
91	13.427	3835	3837	3842	rVB5	1421	990	0.04%	0.006%
92	13.450	3842	3844	3850	rBV4	1324	1138	0.05%	0.006%
93	13.498	3854	3859	3860	rBV4	2648	1775	0.08%	0.010%
94	13.620	3895	3897	3902	rVB5	1994	1260	0.06%	0.007%
95	14.128	4050	4055	4058	rBV8	1630	1625	0.07%	0.009%
96	14.151	4060	4062	4068	rVB6	3201	2294	0.10%	0.013%
97	14.177	4068	4070	4072	rBV3	1789	1051	0.05%	0.006%
98	14.369	4128	4130	4132	rBV3	2399	1097	0.05%	0.006%
99	14.533	4177	4181	4186	rBV6	2737	2171	0.10%	0.012%
100	15.218	4392	4394	4396	rBV3	2744	1321	0.06%	0.008%

Sum of corrected areas: 17535202

LSC Report - Integrated Chromatogram

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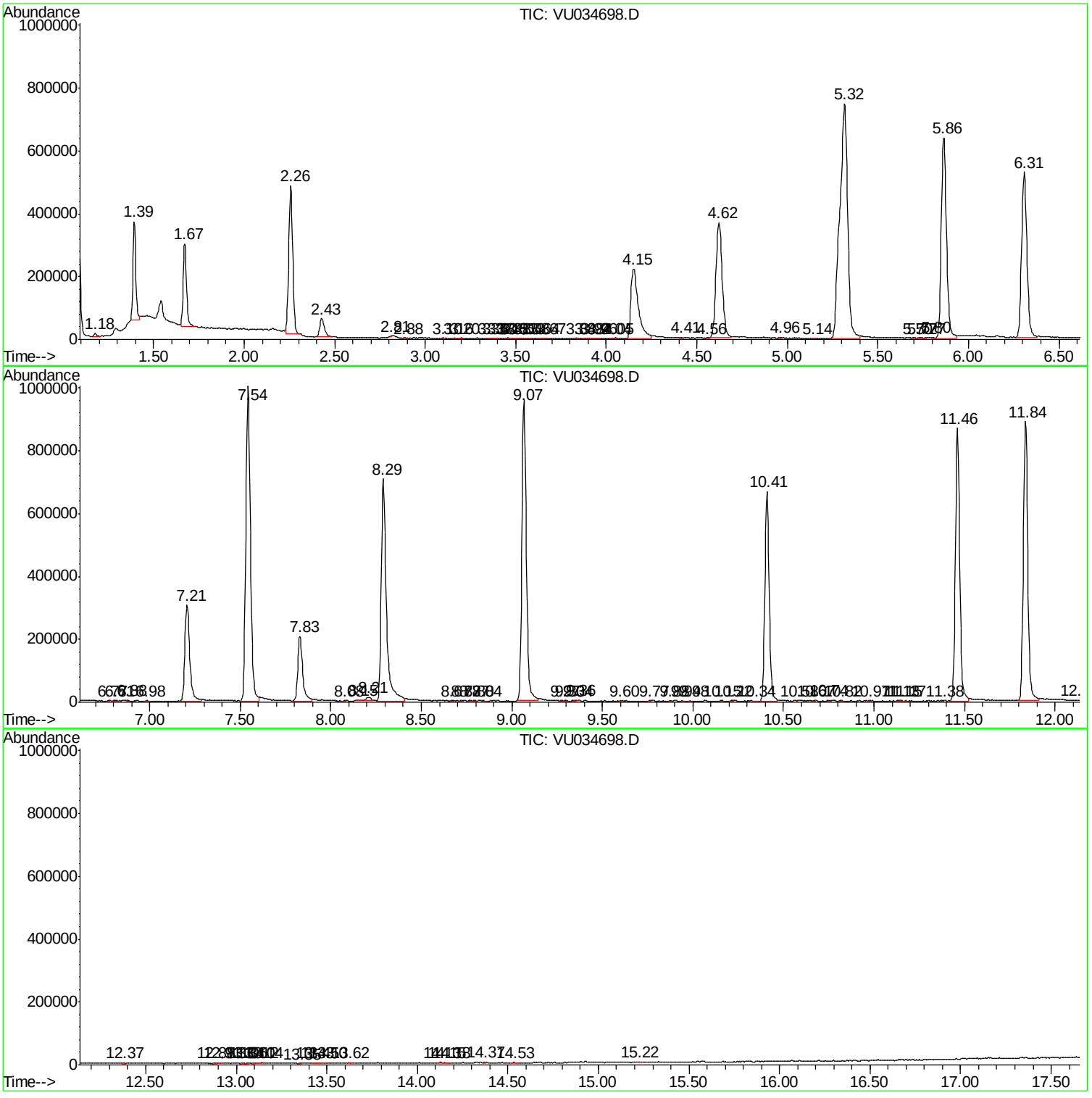
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BEDQ2

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\VU092019\
Data File : VU034698.D
Acq On : 20 Sep 2019 18:52
Operator : JC/SP
Sample : K4948-13
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BEDQ2

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

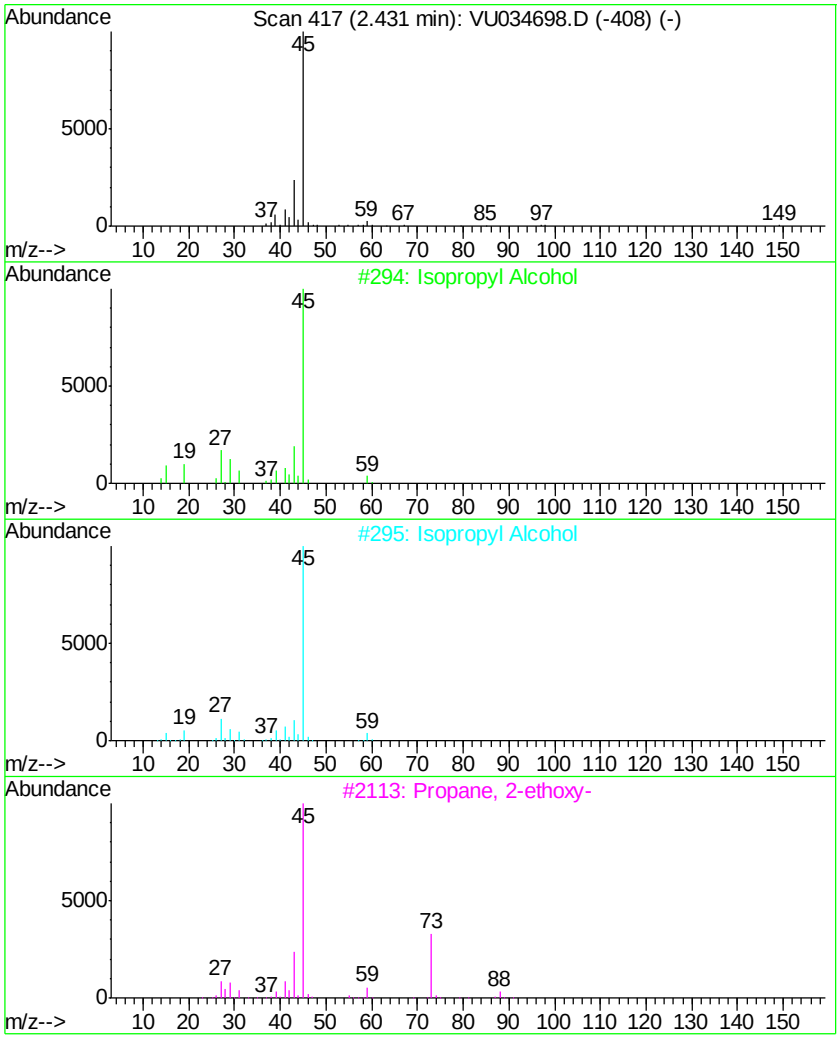
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

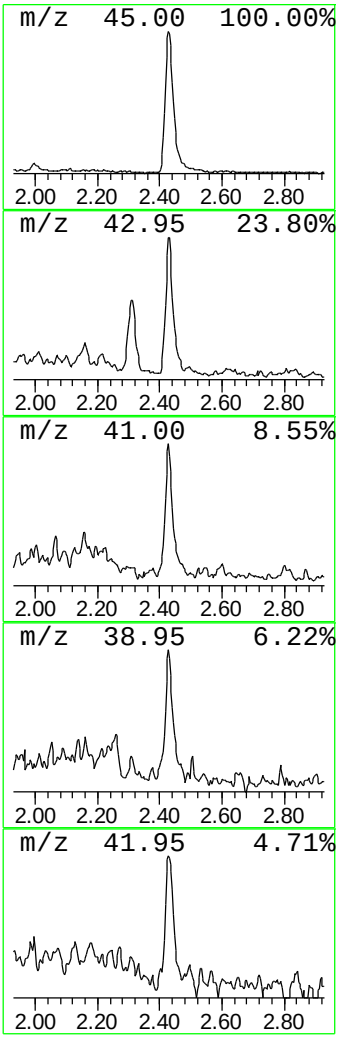
****

Peak Number 1 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.43	4.01 ug/L	103250	1,4-Difluorobenzene	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	72
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
3	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40
4	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40
5	(R)-(-)-3-Methyl-2-butanol	88	C5H12O	001572-93-6	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092019\
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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
Isopropyl Alcohol	2.43	4.0	ug/L	103250	1	5.86	1285890	50.0