LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101419\
Data File : VV013145.D
Acq On : 14 Oct 2019 16:51
Operator : SY/MD
Sample : PB123899TB
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VLEB01

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_V\METHOD\SOMVLM101119WMA.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	1.319	64	71	90	rVB	303502	322449	12.28%	1.658%
2	1.579	144	152	172	rVB	269167	323482	12.32%	1.663%
3	2.129	313	323	335	rBV	567832	799277	30.45%	4.109%
4	2.537	437	450	461	rBV	16449	27191	1.04%	0.140%
5	2.585	463	465	473	rVB4	759	751	0.03%	0.004%
6	2.727	506	509	514	rVB3	770	393	0.01%	0.002%
7	2.778	521	525	527	rBV	747	542	0.02%	0.003%
8	2.794	528	530	532	rBV3	760	472	0.02%	0.002%
9	2.878	554	556	562	rVB3	421	367	0.01%	0.002%
10	2.936	569	574	576	rBV3	531	438	0.02%	0.002%
11	3.068	610	615	619	rBV4	668	750	0.03%	0.004%
12	3.187	650	652	656	rVB3	663	437	0.02%	0.002%
13	3.289	680	684	689	rVV4	434	573	0.02%	0.003%
14	3.405	715	720	726	rVB	595	689	0.03%	0.004%
15	3.650	792	796	800	rBV2	716	614	0.02%	0.003%
16	3.740	820	824	828	rBV	567	509	0.02%	0.003%
17	3.871	861	865	870	rVB3	464	523	0.02%	0.003%
18	3.926	870	882	924	rBV2	213811	640116	24.38%	3.291%
19	4.267	986	988	990	rBV2	671	372	0.01%	0.002%
20	4.399	1011	1029	1057	rBV	418396	1036951	39.50%	5.330%
21	4.556	1075	1078	1082	rVB4	964	645	0.02%	0.003%
22	4.688	1116	1119	1122	rBV4	546	459	0.02%	0.002%
23	4.704	1122	1124	1126	rVV2	820	502	0.02%	0.003%
24	4.720	1128	1129	1132	rVV3	879	462	0.02%	0.002%
25	4.743	1132	1136	1139	rVB4	694	635	0.02%	0.003%
26	4.981	1207	1210	1212	rBV2	546	442	0.02%	0.002%
27	5.093	1226	1245	1281	rBV2	1031135	2625159	100.00%	13.495%
28	5.405	1340	1342	1346	rVB3	678	426	0.02%	0.002%
29	5.434	1346	1351	1352	rBV3	1062	691	0.03%	0.004%
30	5.582	1394	1397	1401	rVB3	905	590	0.02%	0.003%
31	5.662	1404	1422	1455	rBV	841323	1674742	63.80%	8.609%
32	5.945	1497	1510	1528	rBV	112968	230007	8.76%	1.182%
33	6.116	1549	1563	1591	rVV	603301	1215750	46.31%	6.250%
34	6.376	1642	1644	1648	rVV3	451	375	0.01%	0.002%

LSC Area Percent Report

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ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VLEB01

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_V\METHOD\SOMVLM101119WMA.M
Title : VOC Analysis

35	6.547	1692	1697	1699	rBV3	477	528	0.02%	0.003%
36	6.582	1705	1708	1714	rBV4	586	433	0.02%	0.002%
37	6.614	1714	1718	1723	rBV5	544	460	0.02%	0.002%
38	6.653	1723	1730	1733	rBV3	2091	2371	0.09%	0.012%
39	6.740	1755	1757	1762	rVB4	593	399	0.02%	0.002%
40	6.778	1766	1769	1777	rVB4	715	710	0.03%	0.004%
41	6.817	1777	1781	1784	rBV2	727	535	0.02%	0.003%
42	6.891	1799	1804	1807	rBV3	399	437	0.02%	0.002%
43	6.916	1810	1812	1819	rVB3	699	644	0.02%	0.003%
44	7.026	1831	1846	1871	rBV	294550	538553	20.52%	2.768%
45	7.270	1919	1922	1927	rBV3	1122	1238	0.05%	0.006%
46	7.357	1934	1949	1970	rBV	1143619	1964314	74.83%	10.098%
47	7.659	2032	2043	2068	rBV	212243	363684	13.85%	1.870%
48	7.823	2091	2094	2097	rVB3	618	442	0.02%	0.002%
49	7.855	2100	2104	2106	rBV4	840	593	0.02%	0.003%
50	7.907	2117	2120	2122	rVB	858	480	0.02%	0.002%
51	8.019	2147	2155	2166	rVB3	8997	14399	0.55%	0.074%
52	8.132	2177	2190	2235	rBV4	514152	1239755	47.23%	6.373%
53	8.415	2276	2278	2281	rBV3	693	367	0.01%	0.002%
54	8.630	2342	2345	2348	rBV3	428	397	0.02%	0.002%
55	8.749	2379	2382	2384	rBV3	760	533	0.02%	0.003%
56	8.894	2413	2427	2463	rBV	1251058	2035370	77.53%	10.463%
57	9.045	2470	2474	2477	rBV6	1432	1139	0.04%	0.006%
58	9.116	2492	2496	2499	rBV4	986	661	0.03%	0.003%
59	9.138	2499	2503	2509	rVB5	952	1105	0.04%	0.006%
60	9.177	2509	2515	2519	rBV5	2723	3073	0.12%	0.016%
61	9.247	2535	2537	2542	rBV4	383	391	0.01%	0.002%
62	9.350	2564	2569	2572	rBV2	682	591	0.02%	0.003%
63	9.479	2607	2609	2613	rVB	781	599	0.02%	0.003%
64	9.505	2613	2617	2619	rBV2	986	644	0.02%	0.003%
65	9.521	2619	2622	2624	rBV	618	383	0.01%	0.002%
66	9.591	2641	2644	2647	rBV4	1129	987	0.04%	0.005%
67	9.955	2752	2757	2759	rBV3	576	612	0.02%	0.003%
68	9.974	2759	2763	2772	rVB6	1781	2060	0.08%	0.011%
69	10.083	2791	2797	2800	rBV4	799	791	0.03%	0.004%
70	10.132	2808	2812	2815	rBV4	538	367	0.01%	0.002%
71	10.257	2838	2851	2869	rBV	663015	1051421	40.05%	5.405%

LSC Area Percent Report

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Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VLEB01

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_V\METHOD\SOMVLM101119WMA.M
Title : VOC Analysis

72	10.424	2893	2903	2910	rBV5	1741	3344	0.13%	0.017%
73	10.540	2935	2939	2942	rBV	731	566	0.02%	0.003%
74	11.077	3101	3106	3109	rVV3	584	527	0.02%	0.003%
75	11.199	3141	3144	3146	rBV2	1169	793	0.03%	0.004%
76	11.228	3148	3153	3160	rVB5	2915	4041	0.15%	0.021%
77	11.292	3160	3173	3193	rBV	997997	1582954	60.30%	8.137%
78	11.434	3215	3217	3222	rVB4	822	533	0.02%	0.003%
79	11.479	3229	3231	3236	rVB2	1062	611	0.02%	0.003%
80	11.508	3236	3240	3247	rBV4	589	686	0.03%	0.004%
81	11.559	3255	3256	3259	rVB2	825	377	0.01%	0.002%
82	11.669	3274	3290	3313	rBV	1069191	1700073	64.76%	8.739%
83	11.894	3358	3360	3364	rVB2	983	565	0.02%	0.003%
84	11.916	3364	3367	3377	rBV6	948	1148	0.04%	0.006%
85	12.337	3495	3498	3501	rBV3	743	490	0.02%	0.003%
86	12.386	3511	3513	3516	rBV3	520	377	0.01%	0.002%
87	12.479	3539	3542	3544	rBV3	667	383	0.01%	0.002%
88	12.517	3551	3554	3556	rBV4	544	381	0.01%	0.002%
89	12.569	3568	3570	3574	rBV3	776	442	0.02%	0.002%
90	12.614	3582	3584	3590	rVB4	652	532	0.02%	0.003%
91	12.669	3597	3601	3602	rBV	675	514	0.02%	0.003%
92	12.691	3603	3608	3609	rBV4	1922	1370	0.05%	0.007%
93	13.186	3758	3762	3763	rBV2	534	381	0.01%	0.002%
94	13.257	3779	3784	3786	rBV3	1035	935	0.04%	0.005%
95	13.312	3797	3801	3807	rVB5	2108	2063	0.08%	0.011%
96	13.566	3873	3880	3886	rVB5	2556	3592	0.14%	0.018%
97	13.662	3908	3910	3912	rBV2	675	449	0.02%	0.002%
98	13.791	3947	3950	3963	rVB8	2844	4248	0.16%	0.022%
99	13.839	3963	3965	3968	rBV2	656	415	0.02%	0.002%
100	14.791	4257	4261	4265	rBV4	1325	1255	0.05%	0.006%

Sum of corrected areas: 19453292

LSC Report - Integrated Chromatogram

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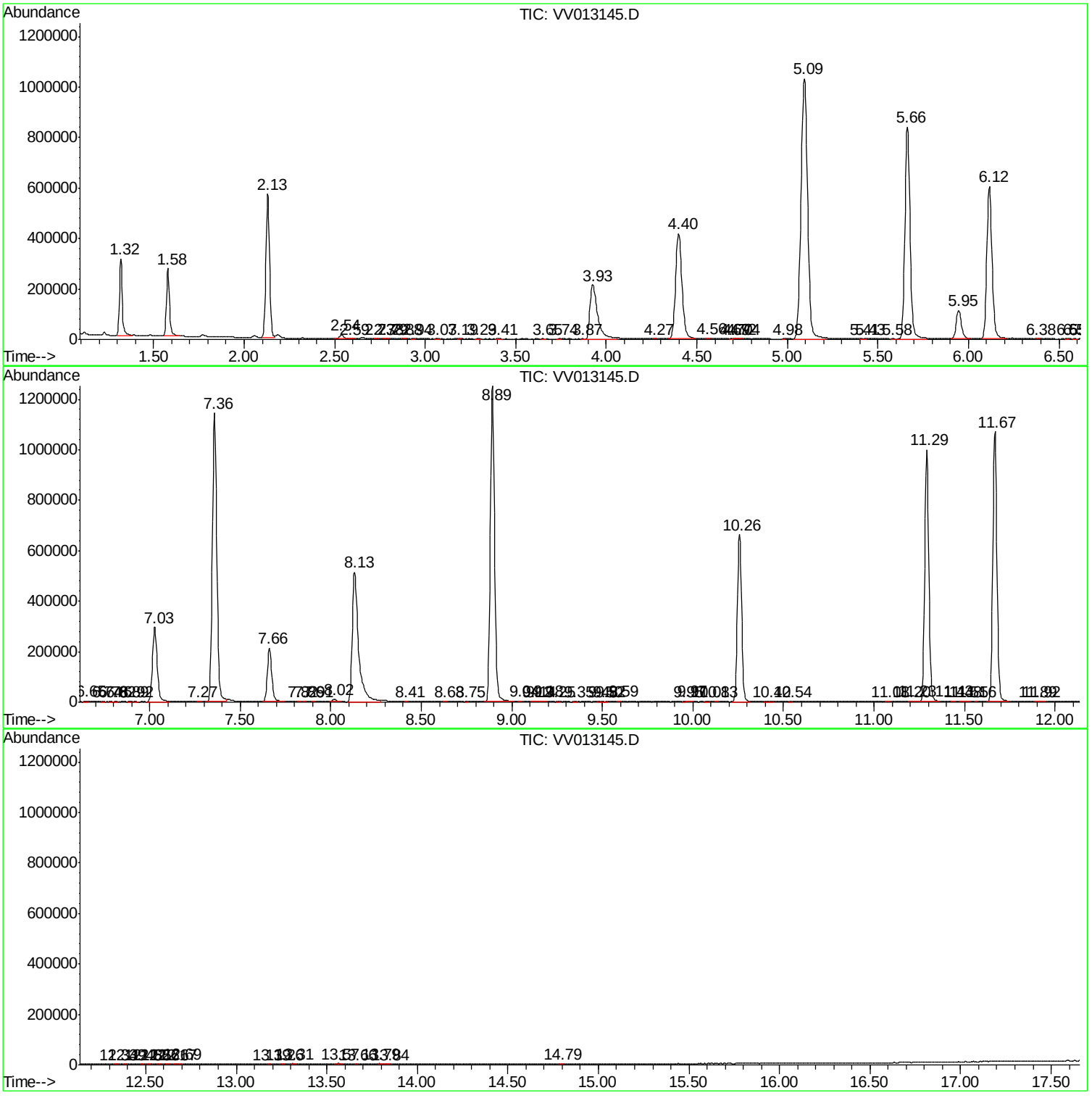
Sample : PB123899TB
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VLEB01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.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_V\DATA\VV101419\
Data File : VV013145.D
Acq On : 14 Oct 2019 16:51
Operator : SY/MD
Sample : PB123899TB
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : VLEB01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101119WMA.M
Quant Title : VOC Analysis

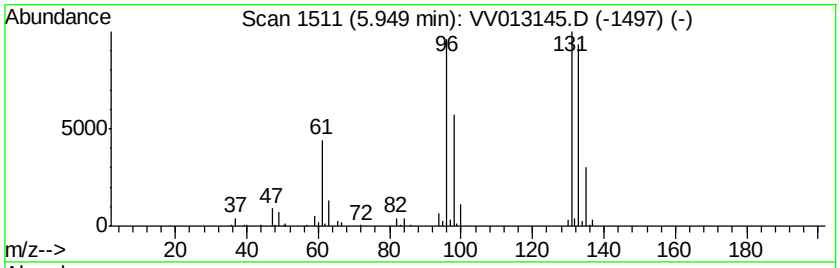
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

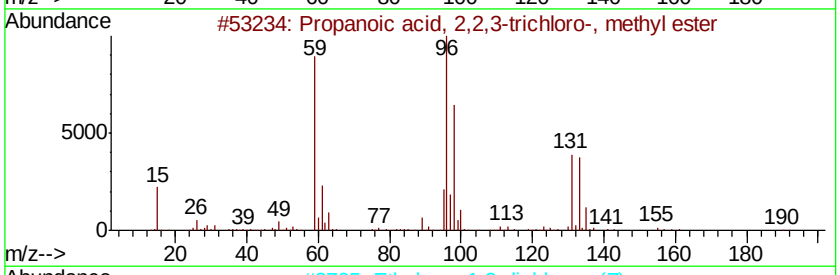
****

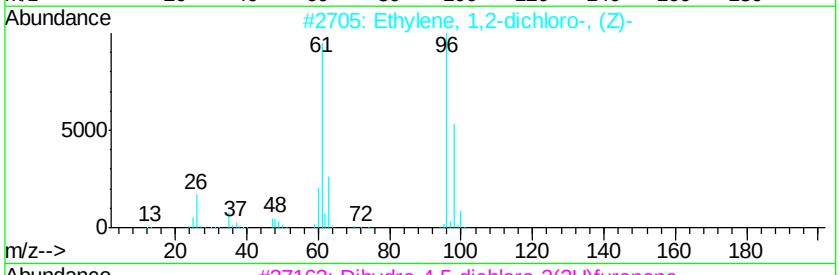
Peak Number 1 Propanoic acid, 2,2,3-trich... Concentration Rank 2

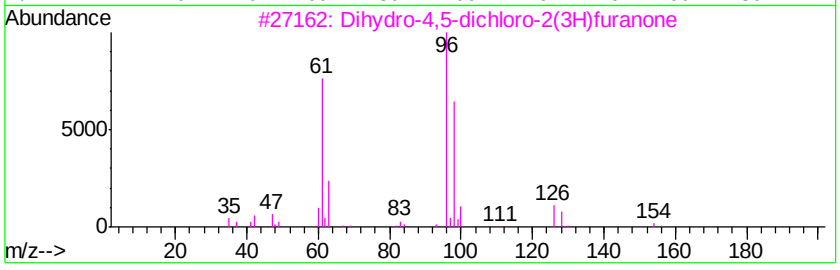
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	6.87 ug/L	230007	1,4-Difluorobenzene	5.66

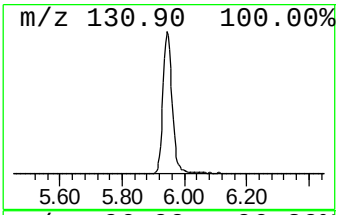
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	56
2	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	38
3	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	25
4	Benzonitrile, 4-methoxy-	133	C8H7NO	000874-90-8	9
5	m-Methoxybenzontrile	133	C8H7NO	001527-89-5	9

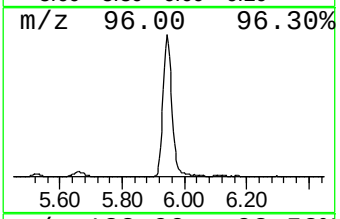


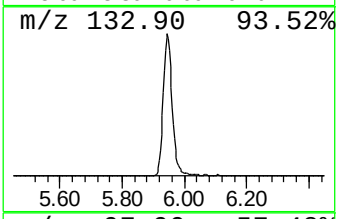


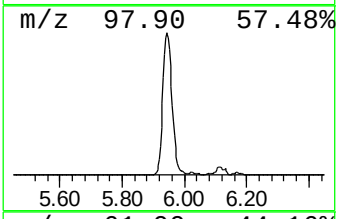


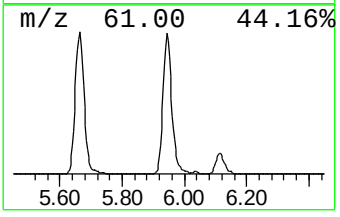












Tentatively Identified Compound (LSC) summary

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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
Propanoic acid, 2...	5.95	6.9	ug/L	230007	1	5.66	1674740	50.0