LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032819\
Data File : VV009968.D
Acq On : 28 Mar 2019 16:20
Operator : SY/MD
Sample : K2101-18
Misc : 5.83G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF0G6

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\SOM2VLM032619S.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	1.322	66	72	83	rVB	101779	99573	16.27%	2.012%
2	1.576	144	151	162	rVB	101411	120796	19.74%	2.441%
3	2.129	314	323	335	rBV	240109	340185	55.59%	6.873%
4	2.537	435	450	462	rBV	44471	75525	12.34%	1.526%
5	2.865	550	552	556	rVB4	688	416	0.07%	0.008%
6	2.929	569	572	574	rVB3	870	371	0.06%	0.007%
7	3.003	593	595	599	rBV2	367	329	0.05%	0.007%
8	3.081	606	619	632	rVB4	12572	23827	3.89%	0.481%
9	3.280	678	681	685	rBV2	683	489	0.08%	0.010%
10	3.621	783	787	789	rBV3	440	358	0.06%	0.007%
11	3.704	808	813	815	rBV2	413	421	0.07%	0.009%
12	3.933	873	884	909	rBV3	22721	74085	12.11%	1.497%
13	4.113	937	940	942	rBV2	1382	785	0.13%	0.016%
14	4.312	999	1002	1005	rVB3	517	349	0.06%	0.007%
15	4.335	1005	1009	1012	rBV4	596	459	0.08%	0.009%
16	4.402	1015	1030	1052	rVV	96326	248812	40.66%	5.027%
17	4.576	1078	1084	1086	rBV4	850	789	0.13%	0.016%
18	4.614	1094	1096	1099	rVB	775	444	0.07%	0.009%
19	4.634	1099	1102	1105	rBV5	693	523	0.09%	0.011%
20	4.814	1154	1158	1161	rBV2	674	508	0.08%	0.010%
21	5.032	1220	1226	1228	rBV3	574	528	0.09%	0.011%
22	5.097	1228	1246	1275	rBV3	239799	611960	100.00%	12.364%
23	5.312	1309	1313	1314	rBV2	717	391	0.06%	0.008%
24	5.379	1332	1334	1337	rVB	735	453	0.07%	0.009%
25	5.447	1352	1355	1359	rVB3	580	431	0.07%	0.009%
26	5.537	1377	1383	1389	rBV4	816	1011	0.17%	0.020%
27	5.666	1409	1423	1442	rBV	172891	342555	55.98%	6.921%
28	5.826	1471	1473	1476	rBV2	549	343	0.06%	0.007%
29	5.929	1503	1505	1506	rVV	715	340	0.06%	0.007%
30	5.955	1506	1513	1523	rVB7	2312	3947	0.64%	0.080%
31	6.061	1541	1546	1549	rBV4	382	405	0.07%	0.008%
32	6.119	1550	1564	1590	rVV	140518	295553	48.30%	5.971%
33	6.248	1601	1604	1608	rBV4	1257	838	0.14%	0.017%
34	6.299	1618	1620	1624	rVB	930	554	0.09%	0.011%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF0G6

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\SOM2VLM032619S.M
Title : VOC Analysis

35	6.331	1624	1630	1632	rBV3	1996	1606	0.26%	0.032%
36	6.408	1652	1654	1657	rBV2	798	439	0.07%	0.009%
37	6.444	1661	1665	1670	rVB	684	617	0.10%	0.012%
38	6.556	1697	1700	1705	rBV3	855	920	0.15%	0.019%
39	6.659	1730	1732	1735	rVB2	597	339	0.06%	0.007%
40	6.678	1735	1738	1739	rBV	646	345	0.06%	0.007%
41	6.691	1739	1742	1744	rBV2	1360	1100	0.18%	0.022%
42	6.785	1765	1771	1775	rBV2	873	849	0.14%	0.017%
43	6.820	1775	1782	1792	rVB7	2925	5307	0.87%	0.107%
44	6.881	1798	1801	1804	rBV3	533	382	0.06%	0.008%
45	7.029	1833	1847	1867	rBV2	70153	129883	21.22%	2.624%
46	7.299	1924	1931	1932	rBV4	1744	1734	0.28%	0.035%
47	7.360	1939	1950	1966	rBV	270548	467529	76.40%	9.446%
48	7.543	2004	2007	2010	rBV3	800	527	0.09%	0.011%
49	7.595	2022	2023	2026	rBV3	588	403	0.07%	0.008%
50	7.662	2034	2044	2064	rBV2	47213	83149	13.59%	1.680%
51	8.019	2143	2155	2172	rBV2	135846	230402	37.65%	4.655%
52	8.132	2180	2190	2212	rBV2	69124	126408	20.66%	2.554%
53	8.601	2334	2336	2342	rVB2	870	639	0.10%	0.013%
54	8.839	2405	2410	2414	rBV2	604	658	0.11%	0.013%
55	8.897	2415	2428	2456	rBV	291101	499740	81.66%	10.097%
56	9.048	2470	2475	2476	rBV2	727	510	0.08%	0.010%
57	9.193	2515	2520	2523	rVB4	662	554	0.09%	0.011%
58	9.215	2523	2527	2530	rVB2	569	498	0.08%	0.010%
59	9.276	2544	2546	2549	rVB3	1027	538	0.09%	0.011%
60	9.540	2623	2628	2633	rBV2	469	472	0.08%	0.010%
61	9.582	2639	2641	2643	rBV3	655	334	0.05%	0.007%
62	9.669	2665	2668	2671	rVB	714	462	0.08%	0.009%
63	9.746	2687	2692	2696	rBV2	452	491	0.08%	0.010%
64	9.852	2721	2725	2733	rVB6	1826	2325	0.38%	0.047%
65	10.058	2787	2789	2792	rVB3	605	345	0.06%	0.007%
66	10.209	2833	2836	2840	rVB2	650	416	0.07%	0.008%
67	10.260	2840	2852	2870	rBV2	141103	229218	37.46%	4.631%
68	10.662	2974	2977	2983	rVB3	666	518	0.08%	0.010%
69	10.717	2991	2994	2996	rVB2	560	341	0.06%	0.007%
70	10.733	2996	2999	3001	rBV2	779	433	0.07%	0.009%
71	10.765	3007	3009	3012	rBV3	623	383	0.06%	0.008%

LSC Area Percent Report

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Misc : 5.83G/10mL/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

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ClientSampleId : BF0G6

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\SOM2VLM032619S.M
Title : VOC Analysis

72	10.813	3018	3024	3026	rBV4	641	649	0.11%	0.013%
73	10.865	3037	3040	3042	rBV2	694	350	0.06%	0.007%
74	11.296	3162	3174	3190	rBV	265626	441516	72.15%	8.921%
75	11.357	3190	3193	3194	rBV3	1076	568	0.09%	0.011%
76	11.444	3210	3220	3224	rBV8	1617	2693	0.44%	0.054%
77	11.476	3224	3230	3236	rVB6	1440	1727	0.28%	0.035%
78	11.608	3268	3271	3279	rVV7	909	893	0.15%	0.018%
79	11.672	3279	3291	3310	rVV	268964	444417	72.62%	8.979%
80	11.739	3310	3312	3318	rVB3	1159	925	0.15%	0.019%
81	11.955	3376	3379	3381	rBV3	452	328	0.05%	0.007%
82	12.228	3461	3464	3467	rVB2	507	367	0.06%	0.007%
83	12.707	3611	3613	3616	rBV3	430	356	0.06%	0.007%
84	12.733	3619	3621	3624	rVB4	566	362	0.06%	0.007%
85	13.077	3725	3728	3731	rVB2	707	367	0.06%	0.007%
86	13.373	3817	3820	3823	rVB2	559	371	0.06%	0.007%
87	13.559	3874	3878	3880	rBV	514	481	0.08%	0.010%
88	13.707	3919	3924	3925	rBV2	451	329	0.05%	0.007%
89	13.759	3935	3940	3944	rBV2	595	570	0.09%	0.012%
90	13.794	3944	3951	3959	rBV4	5398	7558	1.24%	0.153%
91	14.035	4021	4026	4028	rBV3	608	490	0.08%	0.010%
92	14.228	4084	4086	4089	rVB2	670	350	0.06%	0.007%
93	14.376	4128	4132	4135	rBV2	656	597	0.10%	0.012%
94	14.414	4142	4144	4146	rBV	802	371	0.06%	0.007%
95	14.527	4171	4179	4182	rBV5	639	776	0.13%	0.016%
96	14.797	4260	4263	4265	rBV2	866	534	0.09%	0.011%
97	15.672	4531	4535	4536	rBV3	521	359	0.06%	0.007%
98	15.810	4574	4578	4583	rBV2	1191	1155	0.19%	0.023%
99	15.942	4617	4619	4624	rBV2	629	379	0.06%	0.008%
100	16.189	4694	4696	4700	rVB3	875	423	0.07%	0.009%

Sum of corrected areas: 4949428

LSC Report - Integrated Chromatogram

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Data File : VV009968.D
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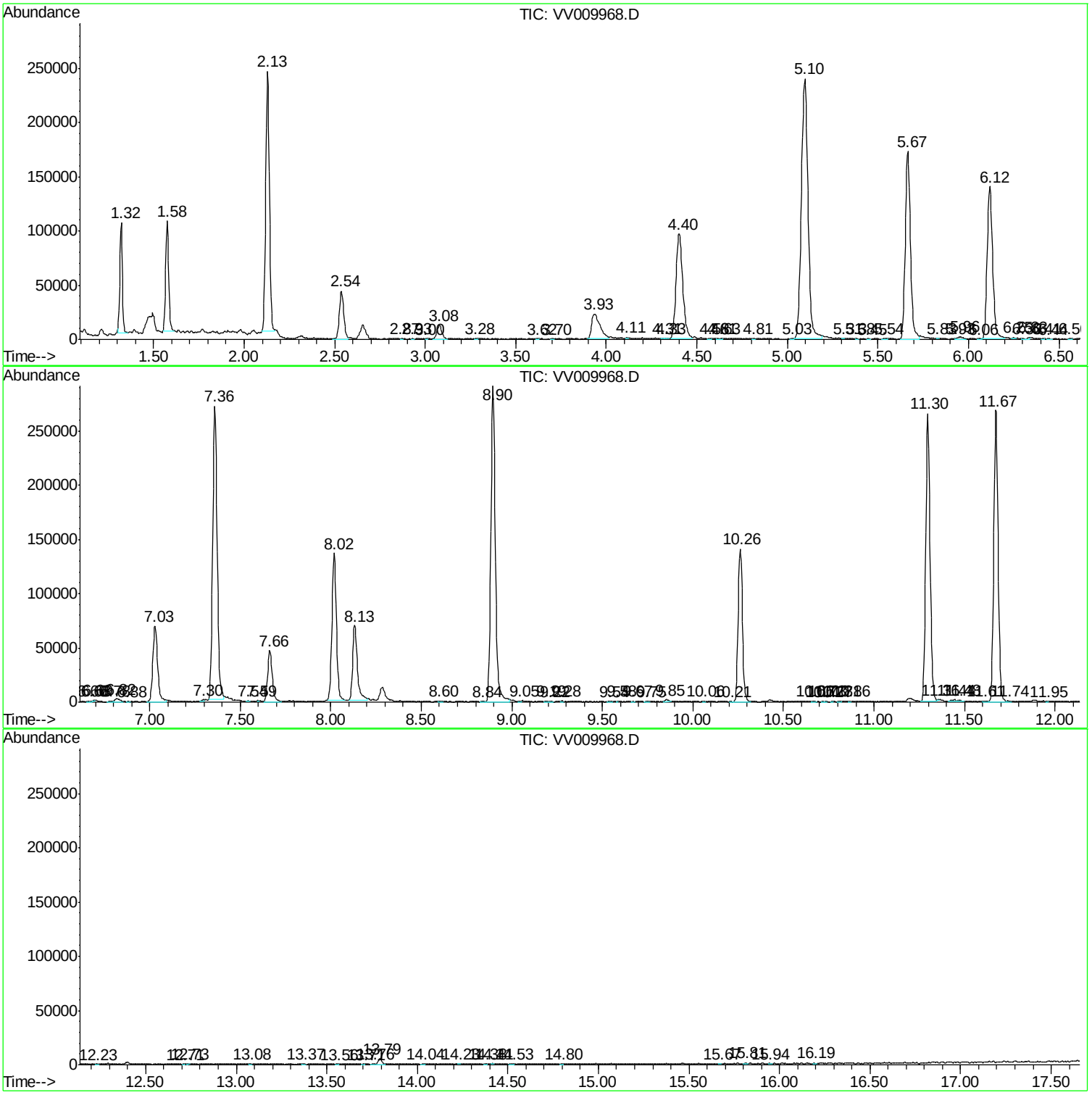
Operator : SY/MD
Sample : K2101-18
Misc : 5.83G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF0G6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.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\VV032819\
Data File : VV009968.D
Acq On : 28 Mar 2019 16:20
Operator : SY/MD
Sample : K2101-18
Misc : 5.83G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF0G6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis

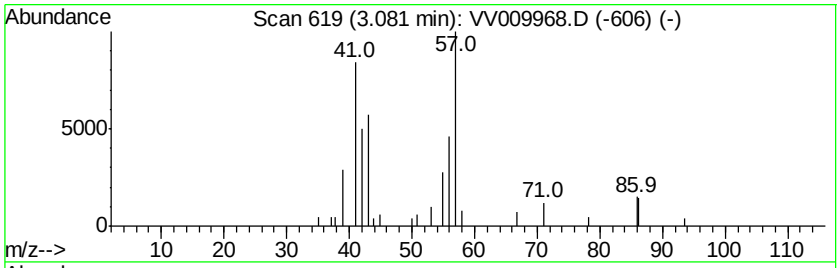
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

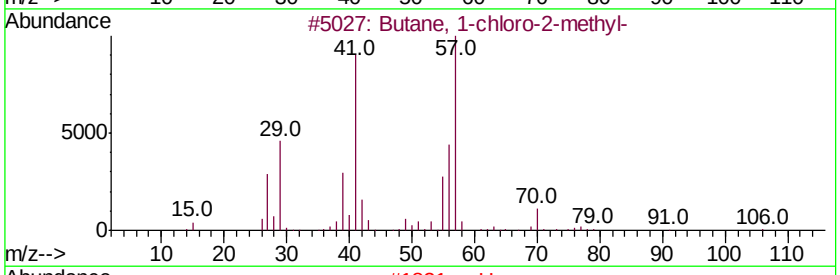
****

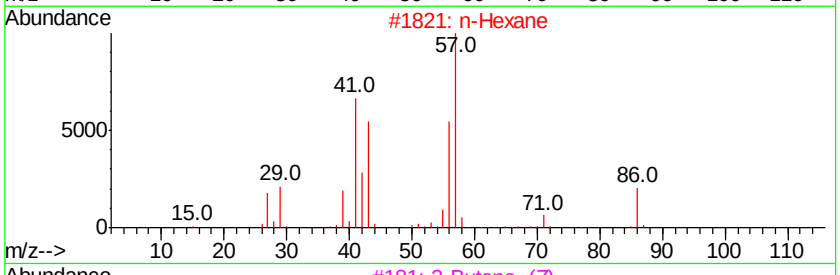
Peak Number 1 unknown-01 Concentration Rank 2

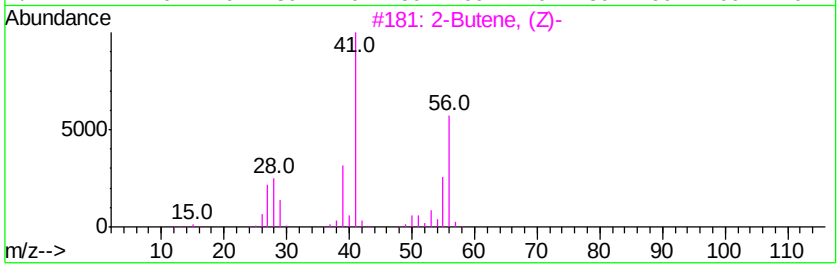
R.T.	EstConc	Area	Relative to ISTD	R.T.
3.08	1.74 ug/L	23827	1,4-Difluorobenzene	5.67

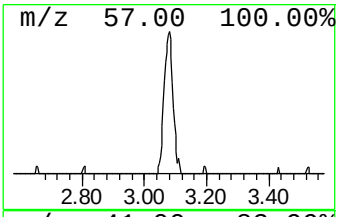
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 1-chloro-2-methyl-	106	C5H11Cl	000616-13-7	43
2	n-Hexane	86	C6H14	000110-54-3	37
3	2-Butene, (Z)-	56	C4H8	000590-18-1	35
4	1-Butene	56	C4H8	000106-98-9	35
5	n-Hexane	86	C6H14	000110-54-3	23

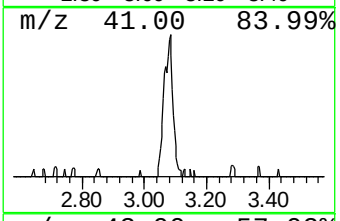


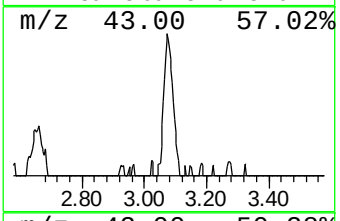


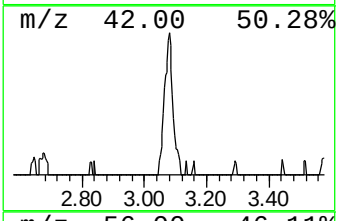


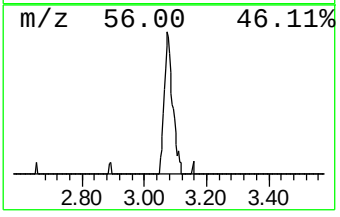












Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032819\
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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
unknown-01	3.08	1.7	ug/L	23827	1	5.67	342555	25.0