LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062121\
Data File : VN067413.D
Acq On : 21 Jun 2021 13:48
Operator : JC/MD
Sample : M2782-04
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : WASTE-WATER-SAMPLE

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_N\methods\82N061421W.M
Title : SW846 8260

Signal : TIC: VN067413.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.588	206	223	262	rBV	3546437	6418593	100.00%	28.721%
2	2.840	306	317	330	rVB2	40822	85994	1.34%	0.385%
3	3.690	619	634	650	rBV	39382	97607	1.52%	0.437%
4	7.402	1997	2018	2067	rVB	881888	2424450	37.77%	10.849%
5	7.699	2111	2129	2155	rBV4	43310	114388	1.78%	0.512%
6	8.024	2228	2250	2261	rBV	273823	648552	10.10%	2.902%
7	8.088	2262	2274	2299	rVB2	481864	1087347	16.94%	4.866%
8	8.257	2318	2337	2366	rBV	573776	1330131	20.72%	5.952%
9	8.442	2384	2406	2429	rBV	351563	808149	12.59%	3.616%
10	8.971	2585	2603	2632	rBV	770404	1602139	24.96%	7.169%
11	9.574	2809	2828	2852	rBV2	46805	99937	1.56%	0.447%
12	10.443	3132	3152	3182	rBV	1192254	2283674	35.58%	10.219%
13	10.593	3187	3208	3221	rVV2	52067	159977	2.49%	0.716%
14	10.660	3222	3233	3256	rVB	144652	276801	4.31%	1.239%
15	11.747	3617	3638	3669	rBV	1051345	1963739	30.59%	8.787%
16	12.734	3987	4006	4029	rBV	789696	1409889	21.97%	6.309%
17	13.678	4342	4358	4381	rVB	905661	1536634	23.94%	6.876%

Sum of corrected areas: 22348001

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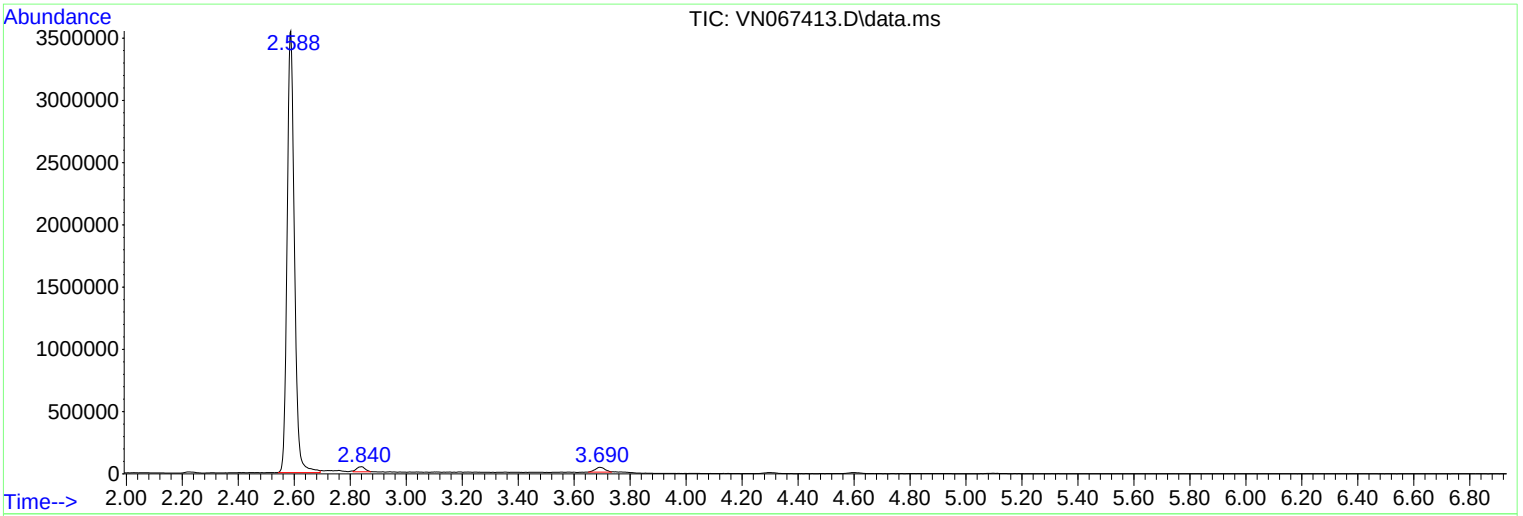
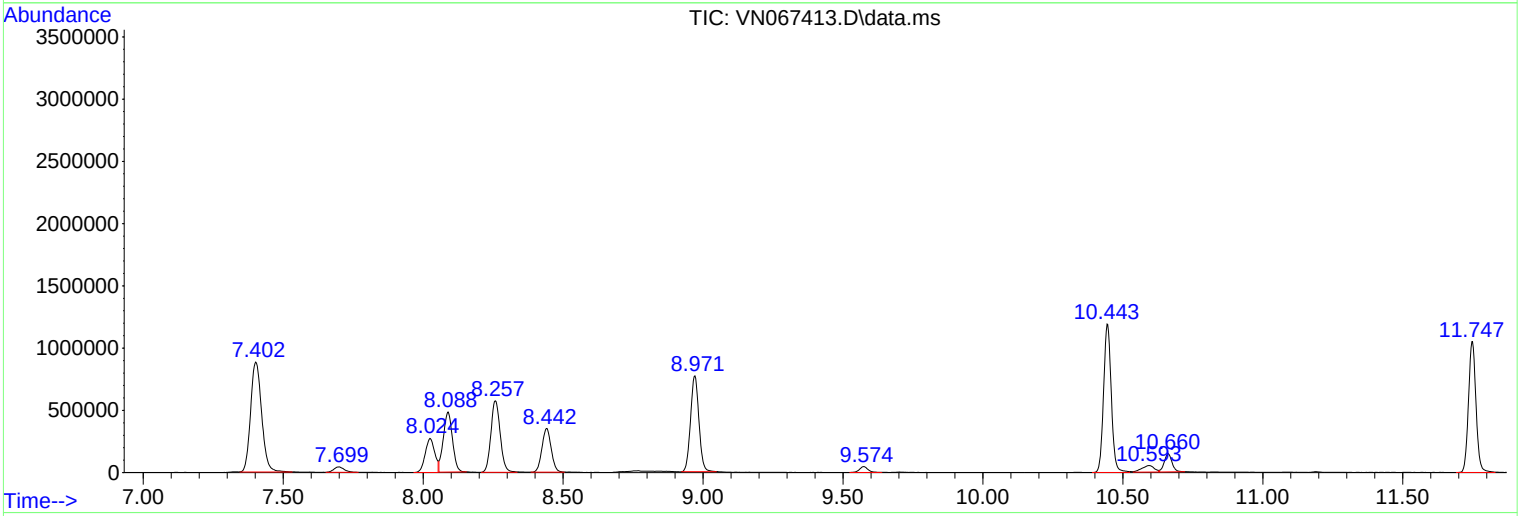
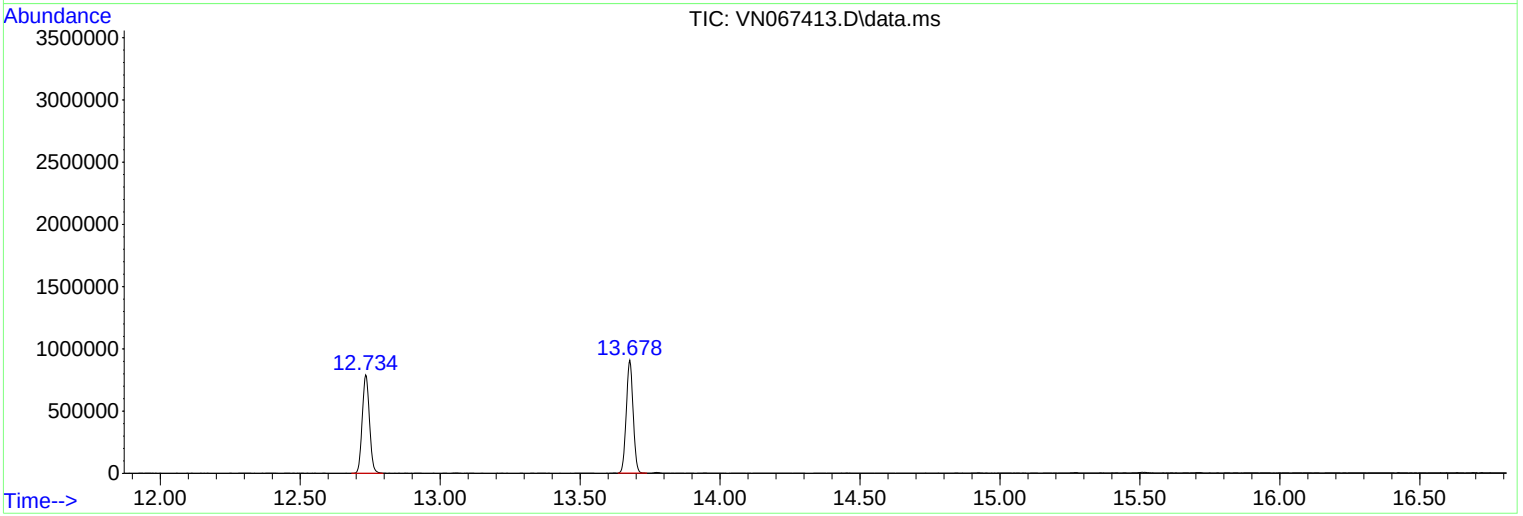
ClientSampleId :
WASTE-WATER-SAMPLE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
Quant Title : SW846 8260

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







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Quant Title : SW846 8260

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TIC Integration Parameters: LSCINT.P

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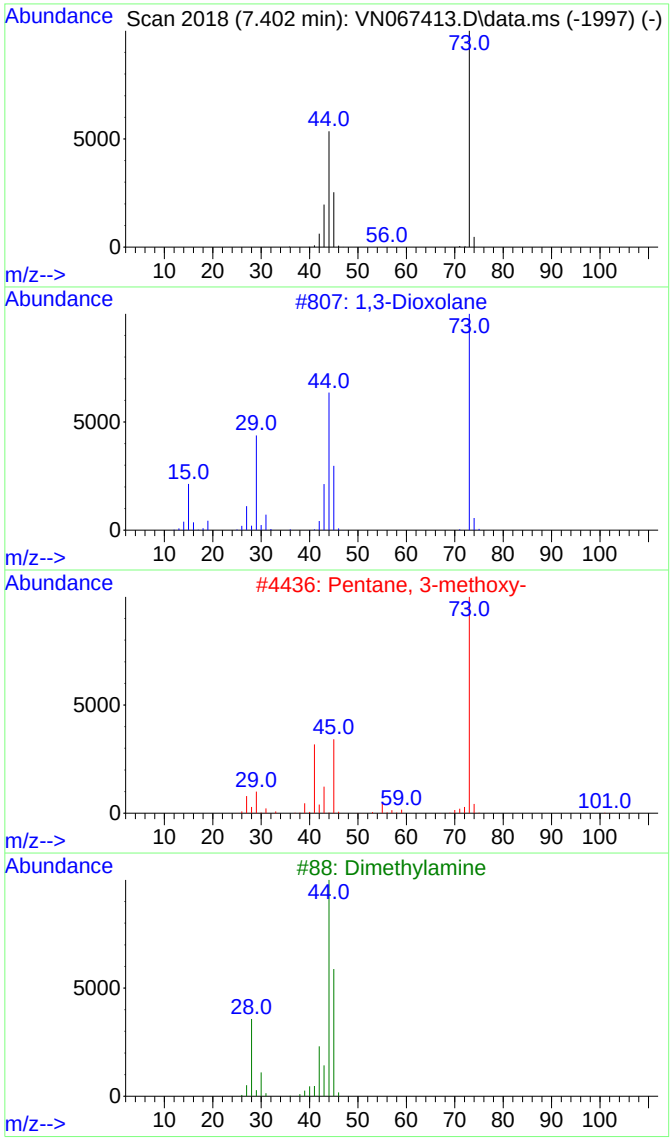
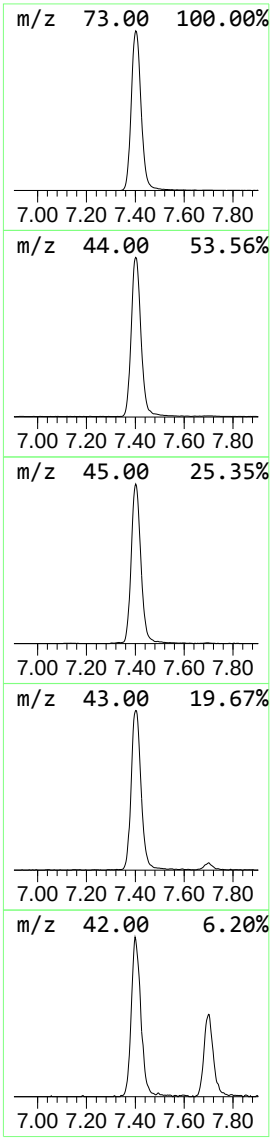
Peak Number 2 1,3-Dioxolane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.402	111.49 ug/l	2424450	Pentafluorobenzene	8.088

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane	74	C3H6O2	000646-06-0	90
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
3	Dimethylamine	45	C2H7N	000124-40-3	5
4	Guanidine, methyl-	73	C2H7N3	000471-29-4	5
5	1,2-Ethanediamine, N-methyl-	74	C3H10N2	000109-81-9	5





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ClientSampleId :
WASTE-WATER-SAMPLE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
Quant Title : SW846 8260

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

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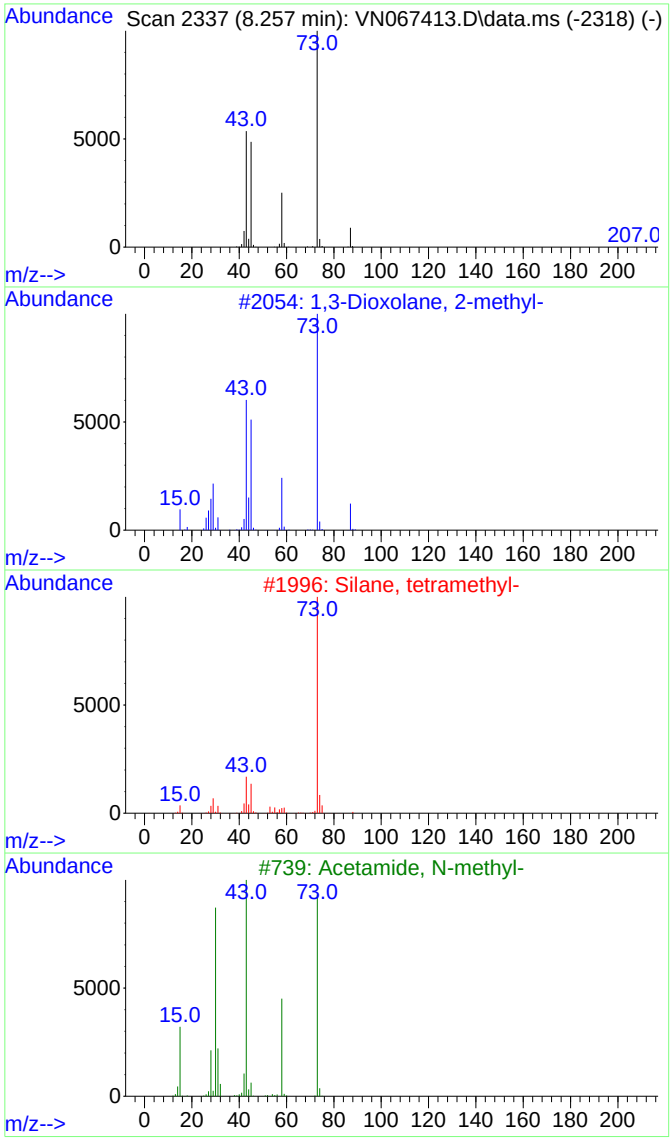
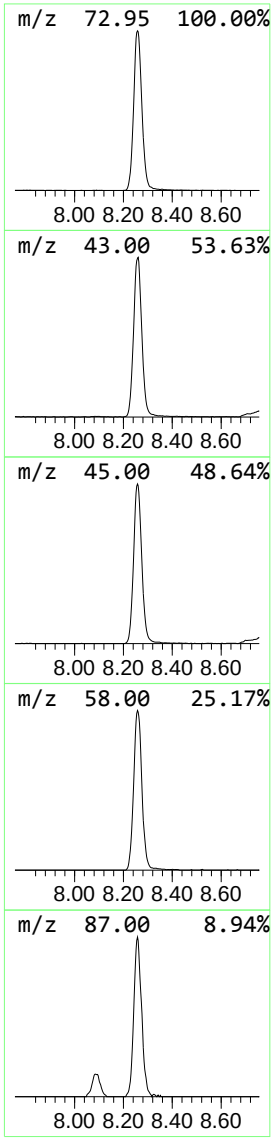
Peak Number 3 1,3-Dioxolane, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.257	61.16 ug/l	1330130	Pentafluorobenzene	8.088

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	91
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
3	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
4	Acetone	58	C3H6O	000067-64-1	9
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
WASTE-WATER-SAMPLE

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
Quant Title : SW846 8260

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

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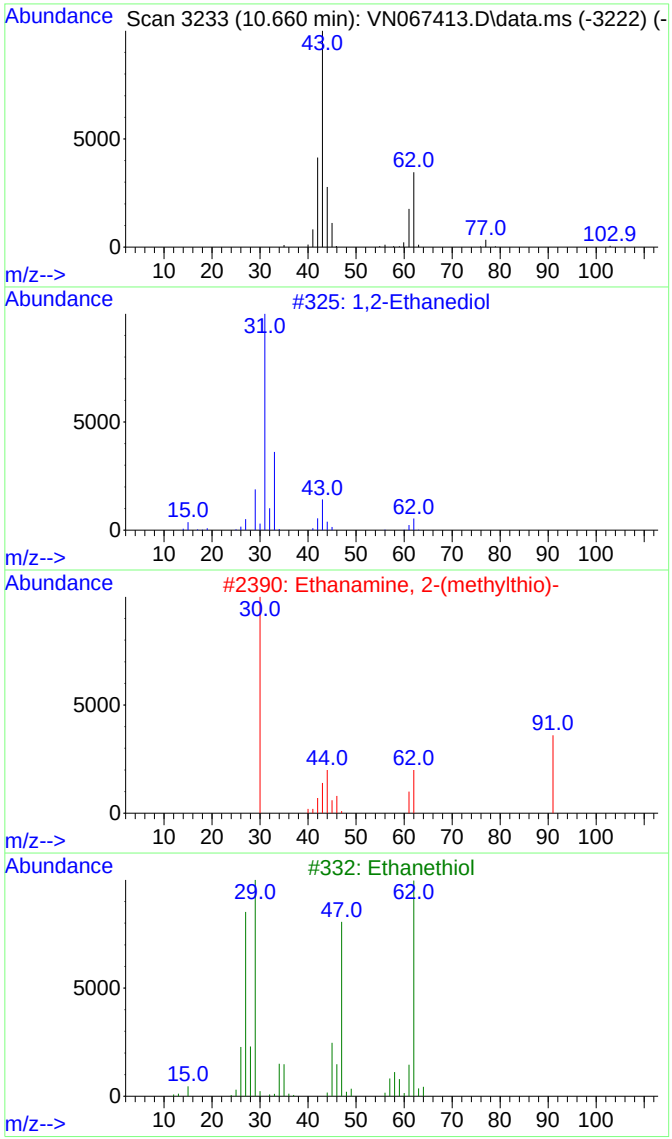
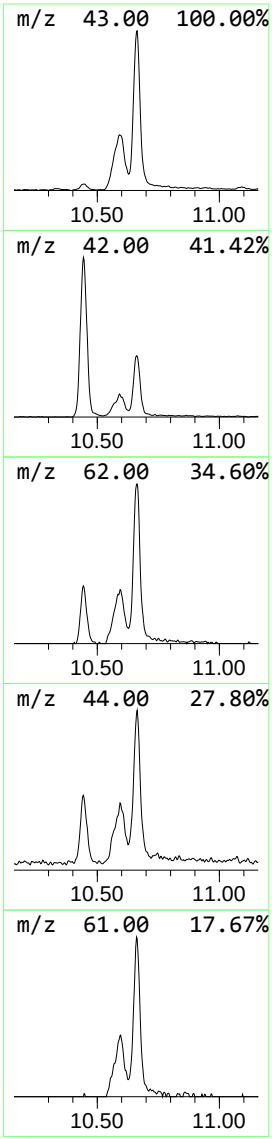
Peak Number 4 unknown10.660 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.660	7.05 ug/l	276801	Chlorobenzene-d5	11.749

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Ethanediol	62	C2H6O2	000107-21-1	42
2	Ethanamine, 2-(methylthio)-	91	C3H9NS	018542-42-2	9
3	Ethanethiol	62	C2H6S	000075-08-1	5
4	Peroxide, dimethyl	62	C2H6O2	000690-02-8	5
5	Ethene, chloro-	62	C2H3Cl	000075-01-4	4





Tentatively Identified Compound (LSC) summary

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Quant Title : SW846 8260

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1,3-Dioxolane	7.402	111.5	ug/l	2424450	1	8.088	1087350	50.0
1,3-Dioxolane, ...	8.257	61.2	ug/l	1330130	1	8.088	1087350	50.0
unknown10.660	10.660	7.0	ug/l	276801	3	11.749	1963740	50.0