

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101723\
 Data File : VN079585.D
 Acq On : 17 Oct 2023 16:45
 Operator : JC\MD
 Sample : 04894-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 001-WILLETS-PT-BLVD(OCT)

Integration Parameters: RTEINT3.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_N\methods\624N101723W.M

Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN079585.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.295	52	58	62	rBV2	11137	21907	4.24%	0.861%
2	2.824	142	148	156	rVB2	19220	38051	7.37%	1.496%
3	3.806	307	315	323	rBV3	3208	8625	1.67%	0.339%
4	4.442	415	423	432	rBV	16278	47466	9.19%	1.866%
5	4.724	463	471	482	rBV4	16390	56064	10.85%	2.204%
6	5.524	599	607	621	rVB4	7983	26571	5.14%	1.044%
7	7.500	937	943	950	rBV3	3971	9787	1.89%	0.385%
8	7.818	987	997	1006	rBV4	56935	145619	28.19%	5.724%
9	7.971	1013	1023	1031	rVB2	9584	24058	4.66%	0.946%
10	8.583	1118	1127	1139	rBV2	103600	236507	45.79%	9.296%
11	8.712	1145	1149	1150	rBV2	4644	5602	1.08%	0.220%
12	9.106	1208	1216	1229	rBV	158378	328400	63.58%	12.908%
13	10.571	1456	1465	1471	rBV	278931	516537	100.00%	20.303%
14	10.635	1471	1476	1493	rVB	147364	281076	54.42%	11.048%
15	11.871	1679	1686	1696	rVB	269415	482948	93.50%	18.982%
16	12.853	1846	1853	1862	rVB	169119	303748	58.80%	11.939%
17	13.735	1993	2003	2007	rBV4	3192	5681	1.10%	0.223%
18	13.876	2023	2027	2033	rVB3	3456	5536	1.07%	0.218%

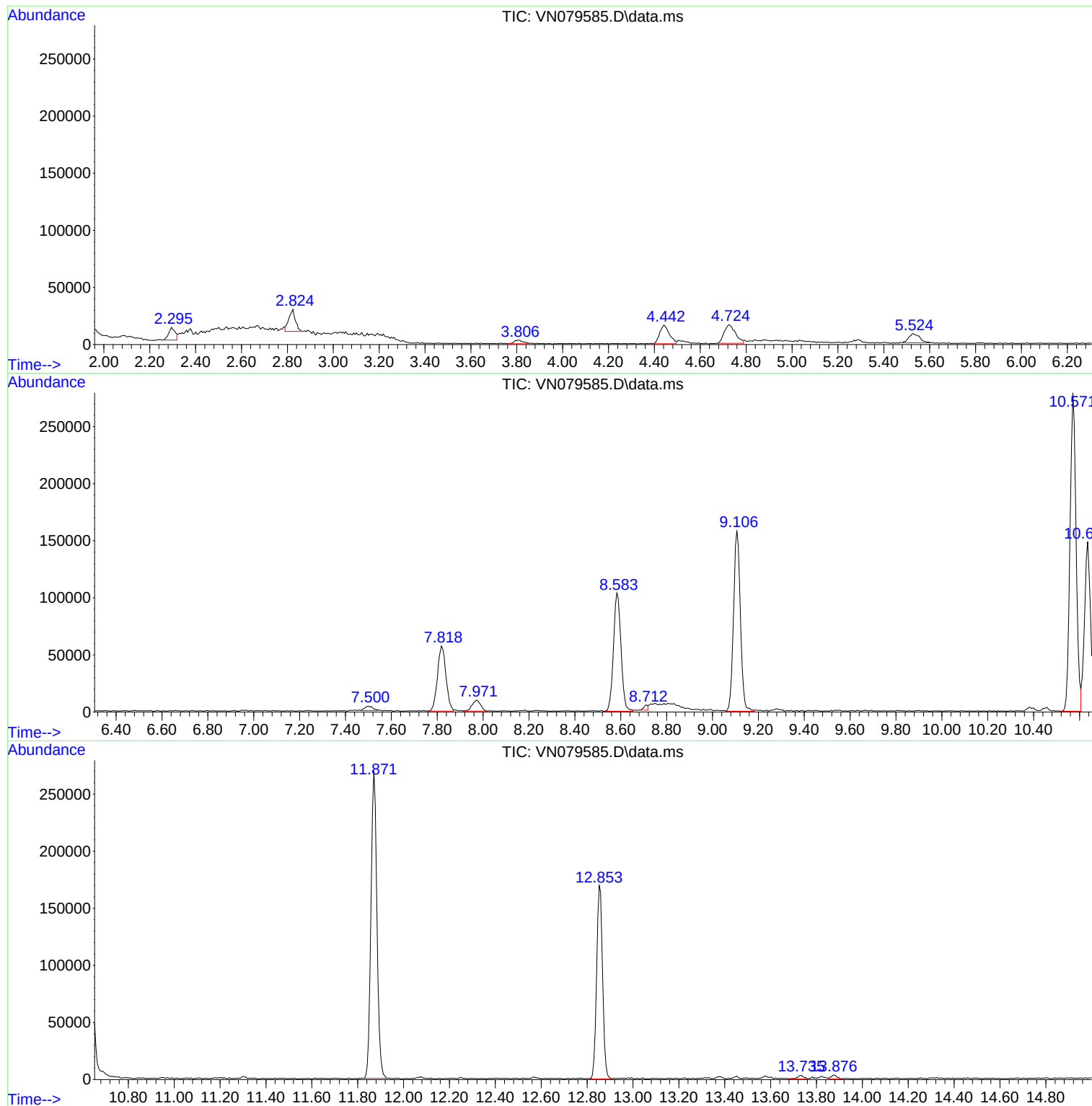
Sum of corrected areas: 2544183

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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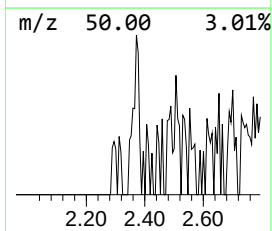
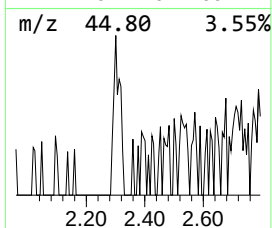
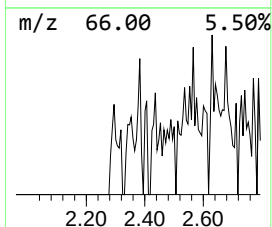
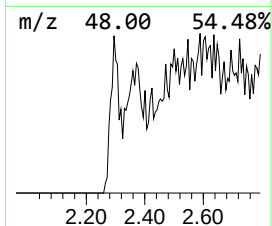
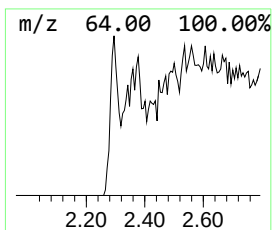
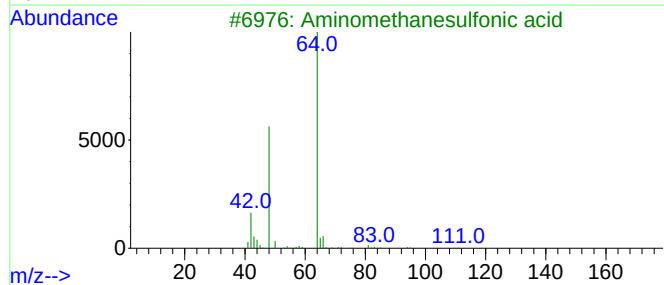
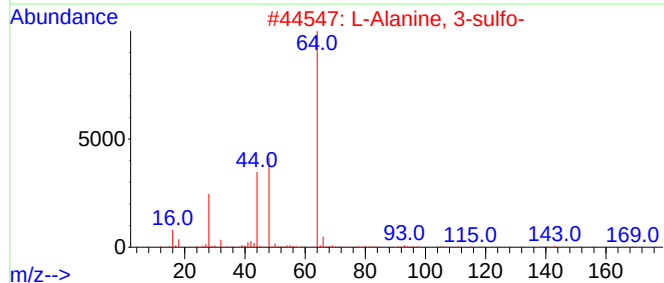
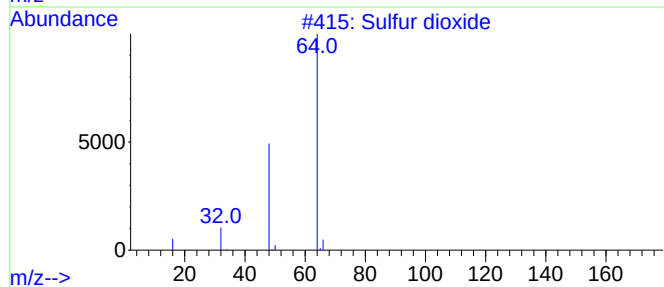
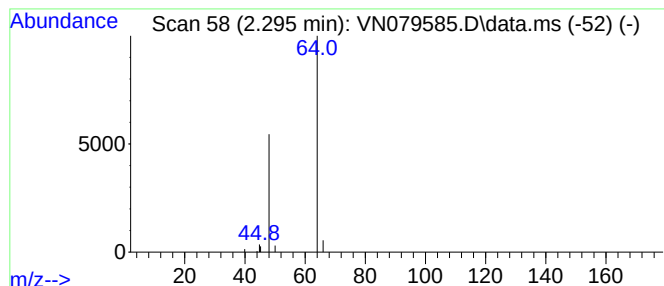
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Sulfur dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.295	4.51 ug/l	21907	Bromochloromethane	7.818

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	74
2			L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
3			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
4			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5			Sulfur dioxide	64	O2S	007446-09-5	4



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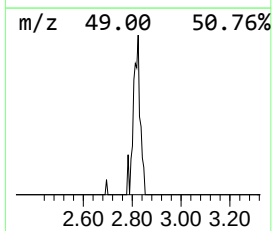
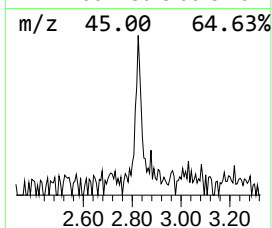
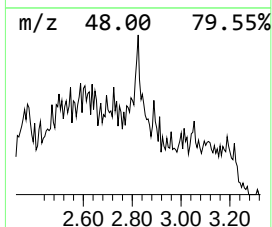
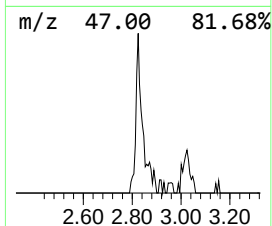
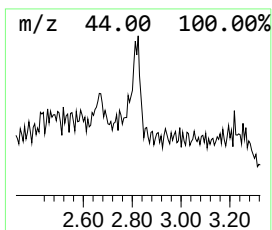
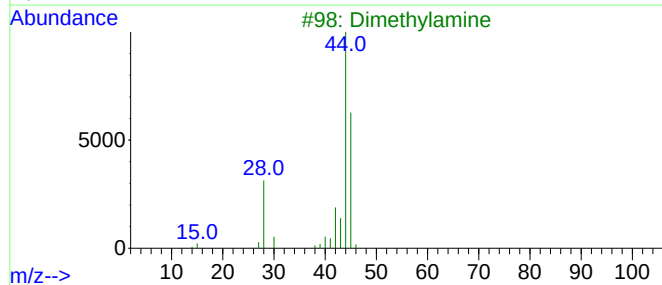
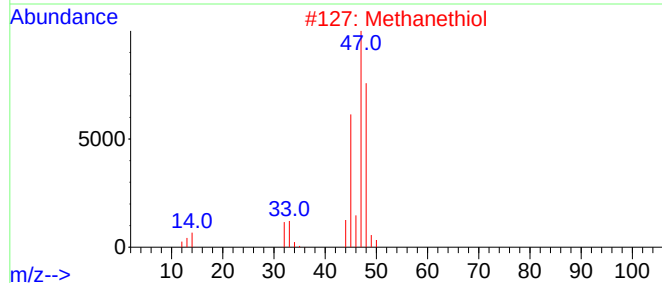
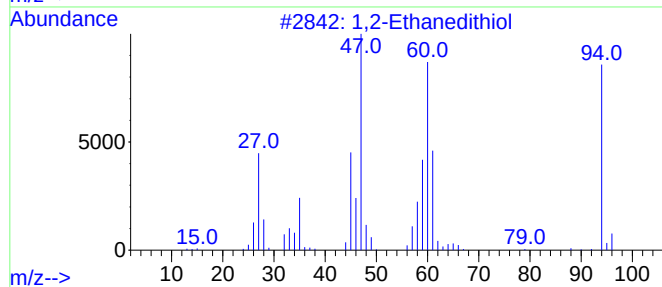
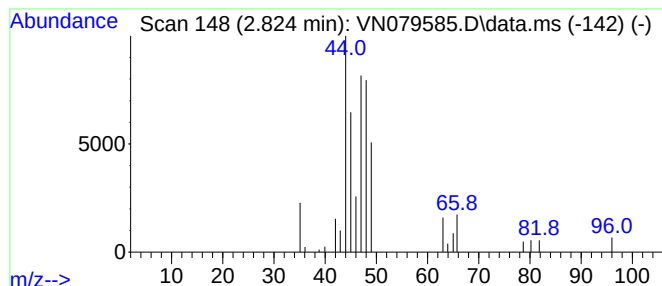
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown2.824 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.824	7.84 ug/l	38051	Bromochloromethane	7.818

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2-Ethanedithiol	94	C2H6S2	000540-63-6	16
2			Methanethiol	48	CH4S	000074-93-1	16
3			Dimethylamine	45	C2H7N	000124-40-3	9
4			Silane, methyl-	46	CH6Si	000992-94-9	9
5			Ethyl Chloride	64	C2H5Cl	000075-00-3	9



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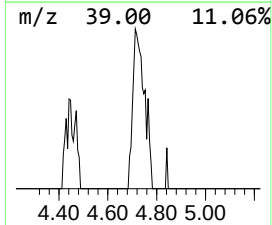
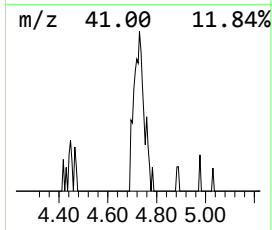
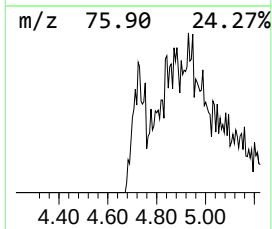
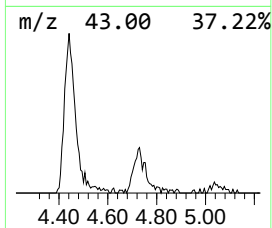
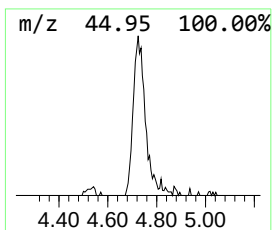
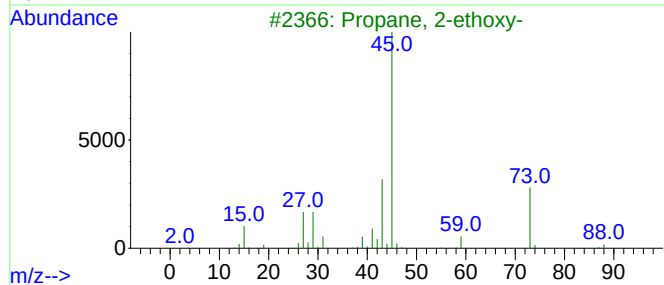
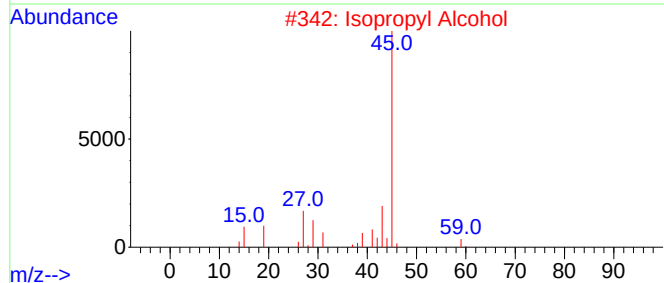
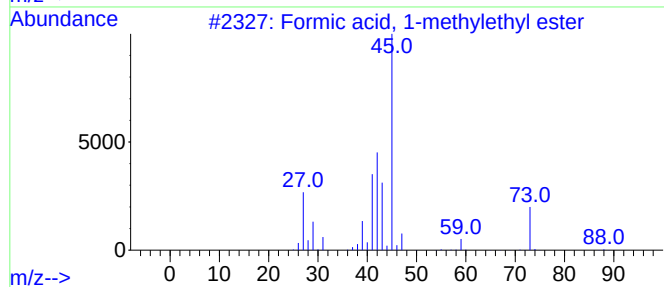
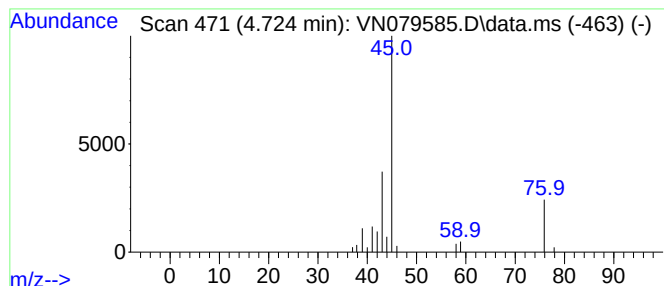
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Peak Number 3 unknown4.724 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.724	11.55 ug/l	56064	Bromochloromethane	7.818

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	40
2			Isopropyl Alcohol	60	C3H8O	000067-63-0	38
3			Propane, 2-ethoxy-	88	C5H12O	000625-54-7	9
4			4-Penten-2-ol	86	C5H10O	000625-31-0	9
5			Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	9



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	2.295	4.5	ug/l	21907	1	7.818	145619	30.0
unknown2.824	2.824	7.8	ug/l	38051	1	7.818	145619	30.0
unknown4.724	4.724	11.6	ug/l	56064	1	7.818	145619	30.0