LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX052419\
Data File : VX009887.D
Acq On : 24 May 2019 15:24
Operator : JC/SP
Sample : K3000-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : S36-0154

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_X\METHOD\82X042919W.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.312	21	26	35	rBV	66707	220643	1.02%	0.724%
2	5.501	701	713	721	rBV	104175	308296	1.43%	1.012%
3	5.665	732	740	758	rVB	190740	543253	2.52%	1.783%
4	6.061	794	805	811	rBV	130420	346400	1.61%	1.137%
5	6.141	811	818	832	rVB	824176	2160962	10.02%	7.093%
6	6.860	925	936	946	rBV	307680	714711	3.31%	2.346%
7	8.713	1233	1240	1246	rBV	644465	1000737	4.64%	3.285%
8	10.140	1465	1474	1487	rVB	14866112	21569758	100.00%	70.797%
9	10.250	1487	1492	1503	rVB	755468	984362	4.56%	3.231%
10	11.134	1630	1637	1643	rBV2	524920	849056	3.94%	2.787%
11	11.664	1719	1724	1733	rVB	220371	279231	1.29%	0.917%
12	12.079	1787	1792	1799	rBV2	623759	1174070	5.44%	3.854%
13	12.298	1820	1828	1836	rVB	229993	315483	1.46%	1.035%

Sum of corrected areas: 30466962

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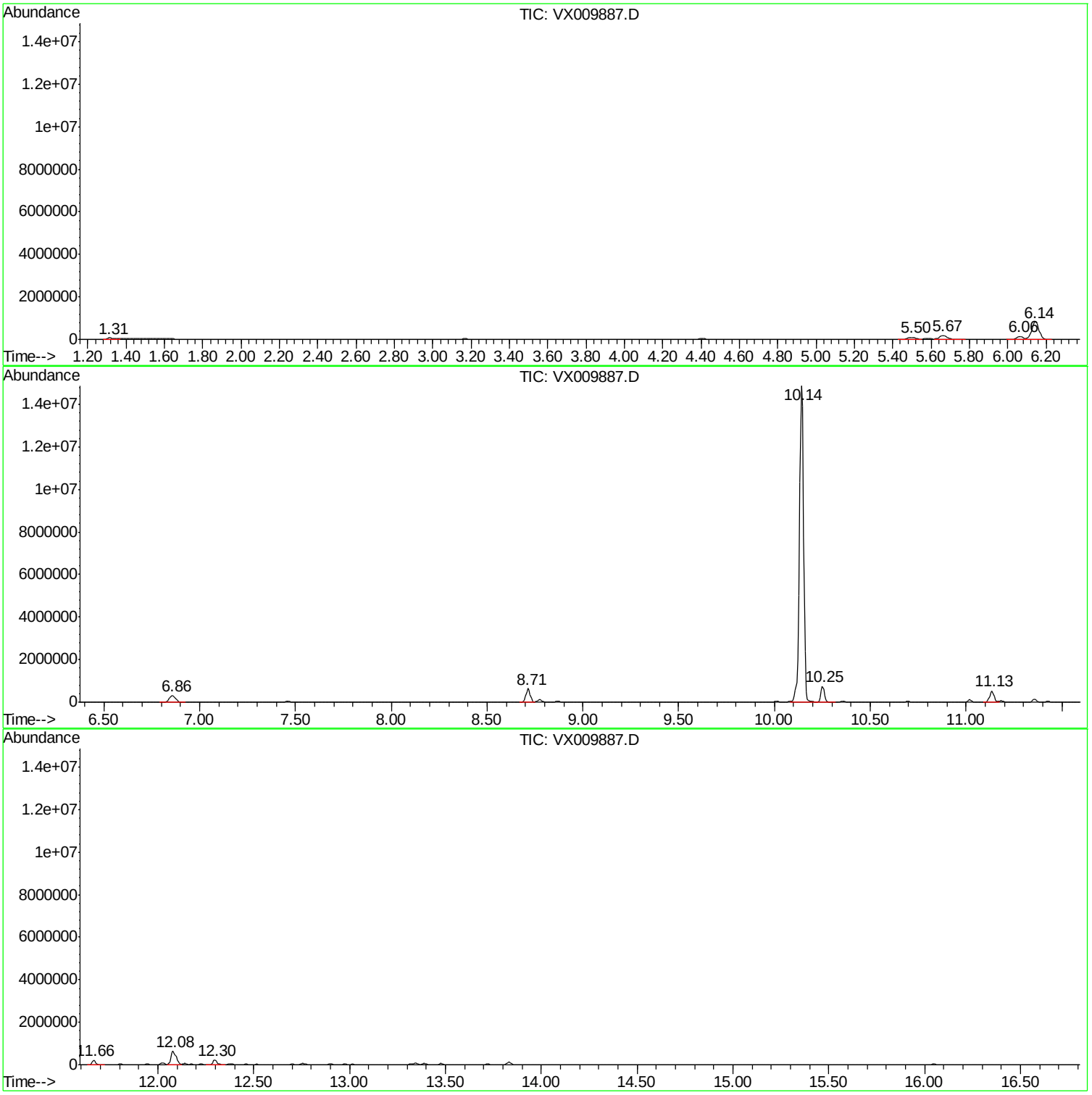
Instrument :
MSVOA_X
ClientSampleId :
S36-0154

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
Quant Title : SW846 8260

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



Library Search Compound Report

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Quant Title : SW846 8260

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

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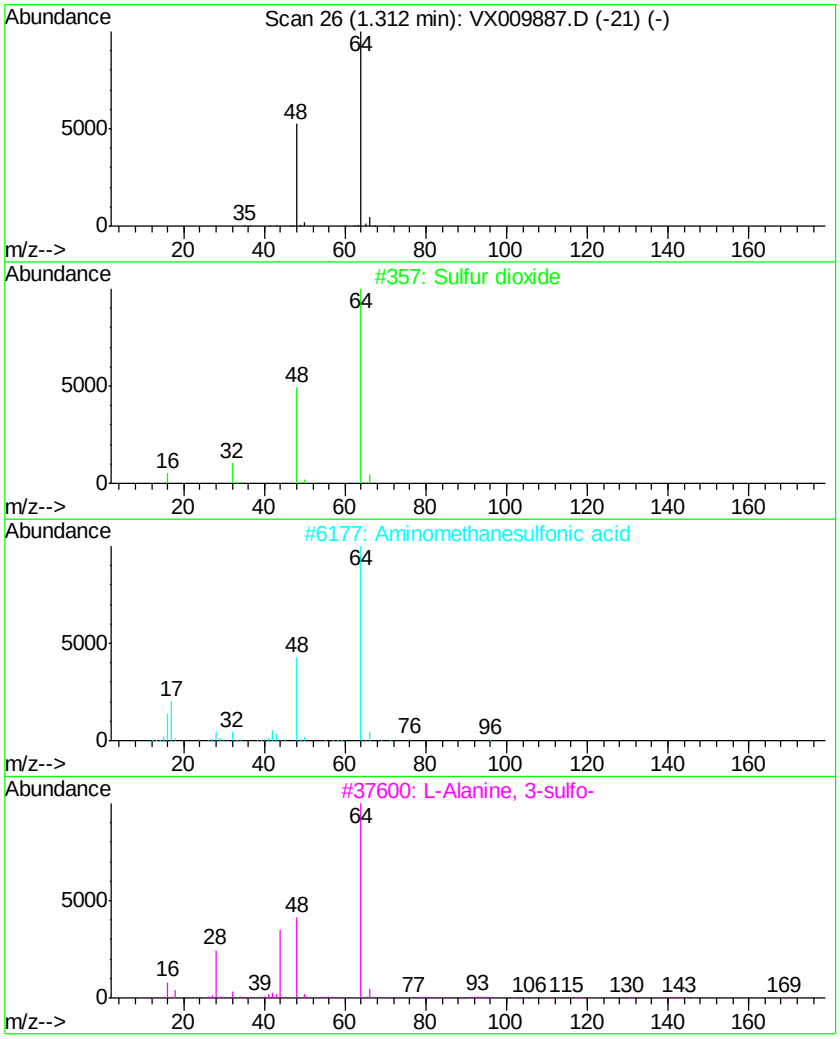
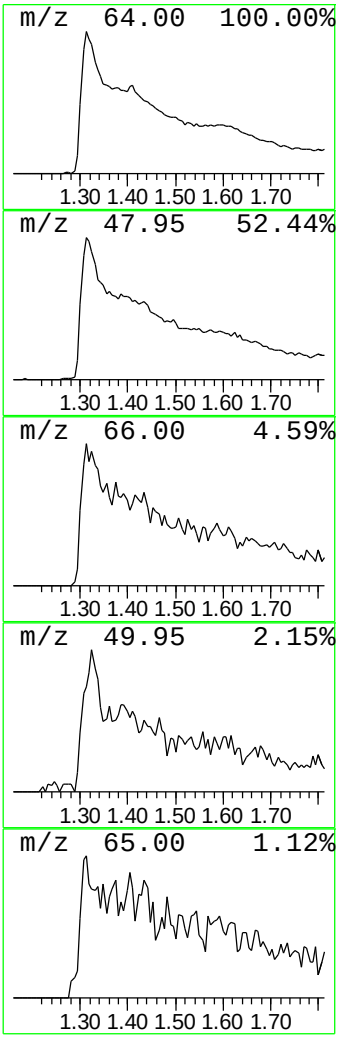
Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.31	20.31 ug/l	220643	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Ethyl Chloride	64	C2H5Cl	000075-00-3	3
5	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	3





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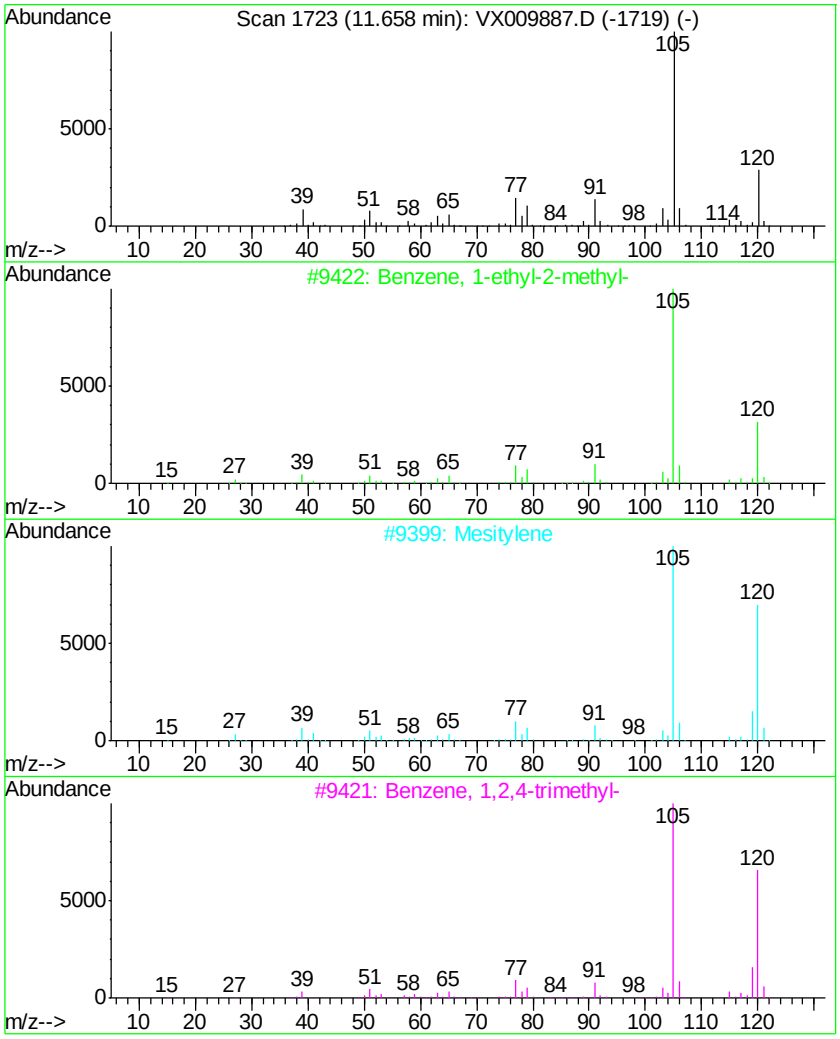
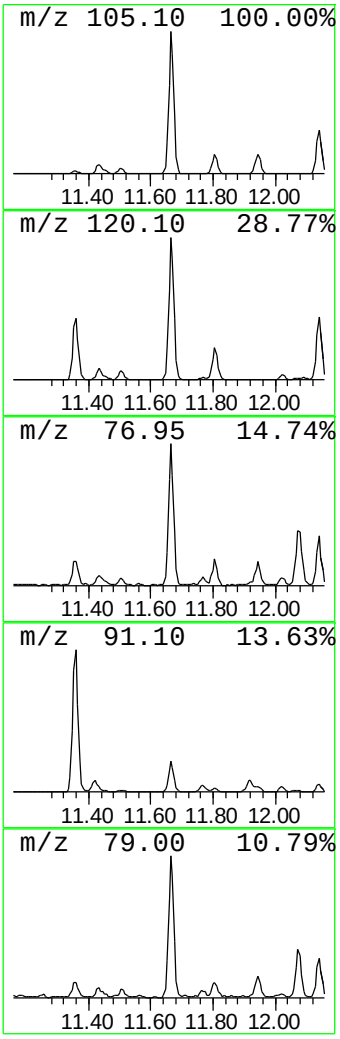
Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.66	11.89 ug/l	279231	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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TIC Library : C:\DATABASE\NIST11.L
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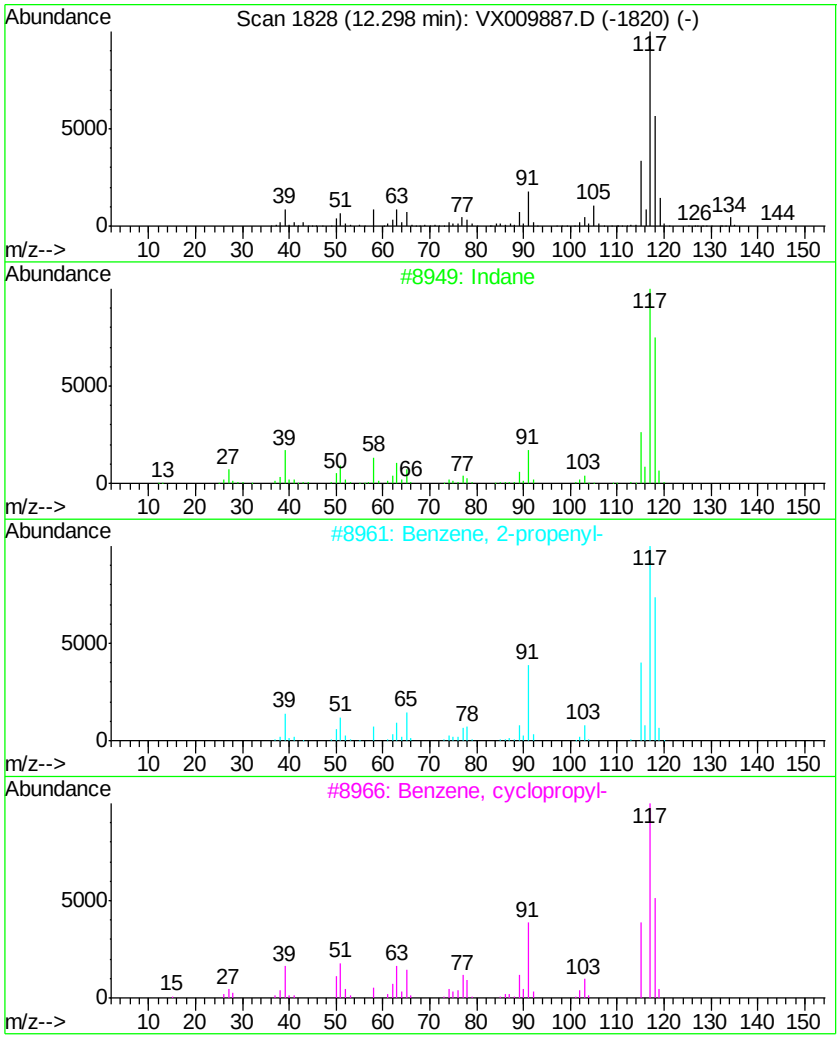
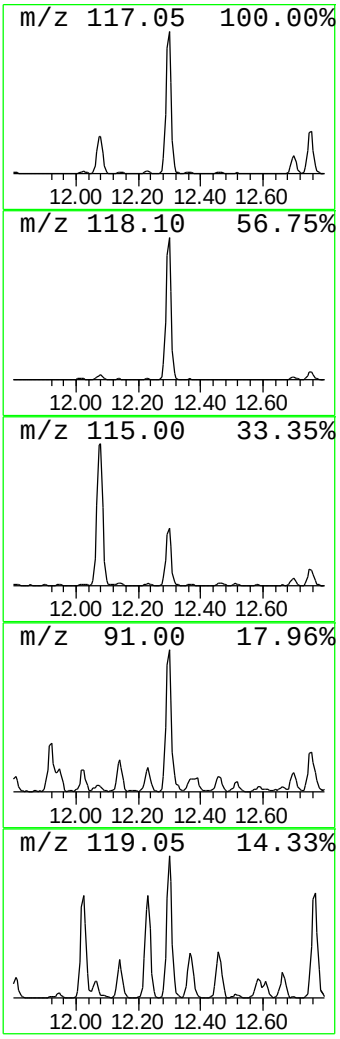
Peak Number 3 Indane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.30	13.44 ug/l	315483	1,4-Dichlorobenzene-d4	12.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	76
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	76
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	76
5	Deltacyclene	118	C9H10	007785-10-6	58





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	1.31	20.3	ug/l	220643	1	5.67	543253	50.0
Benzene, 1-ethyl-...	11.66	11.9	ug/l	279231	4	12.08	1174070	50.0
Indane	12.30	13.4	ug/l	315483	4	12.08	1174070	50.0