LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011524\
Data File : VU057531.D
Acq On : 15 Jan 2024 15:48
Operator : MD/SY
Sample : P1120-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BGWH9

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 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_U\Method\SFAMUTR011124WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU057531.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.358	15	21	24	rBV	45382	46168	1.25%	0.259%
2	1.599	88	96	110	rVB2	339830	428270	11.61%	2.401%
3	1.789	147	155	167	rBV2	95463	153751	4.17%	0.862%
4	1.914	186	194	211	rVB	142860	208176	5.65%	1.167%
5	2.470	355	367	379	rBV	88543	150919	4.09%	0.846%
6	2.576	385	400	417	rBV2	1514361	2705636	73.38%	15.167%
7	2.679	419	432	457	rVB2	154611	313550	8.50%	1.758%
8	2.956	507	518	540	rBV	128764	320088	8.68%	1.794%
9	3.351	628	641	663	rVB	45288	95614	2.59%	0.536%
10	3.862	785	800	839	rVB3	161569	486123	13.18%	2.725%
11	4.657	1031	1047	1062	rBV	1557531	3687327	100.00%	20.670%
12	5.055	1156	1171	1190	rBV	239799	539043	14.62%	3.022%
13	5.203	1208	1217	1245	rVB	21862	57091	1.55%	0.320%
14	5.721	1357	1378	1395	rBV2	470713	1227038	33.28%	6.878%
15	6.242	1528	1540	1565	rBV	334905	656689	17.81%	3.681%
16	6.534	1615	1631	1661	rBV	850080	1646430	44.65%	9.229%
17	6.685	1665	1678	1699	rVV	287048	577761	15.67%	3.239%
18	7.181	1822	1832	1859	rBV	57439	118988	3.23%	0.667%
19	7.560	1939	1950	1966	rBV	110257	199964	5.42%	1.121%
20	7.891	2041	2053	2070	rBV	505027	913401	24.77%	5.120%
21	8.177	2128	2142	2159	rBV	66931	122680	3.33%	0.688%
22	8.634	2272	2284	2333	rBV3	315907	762373	20.68%	4.274%
23	9.412	2513	2526	2551	rBV	451092	767710	20.82%	4.303%
24	10.750	2930	2942	2967	rBV	178018	296286	8.04%	1.661%
25	11.807	3259	3271	3293	rBV	396919	656142	17.79%	3.678%
26	12.187	3376	3389	3410	rBV	420580	702200	19.04%	3.936%

Sum of corrected areas: 17839418

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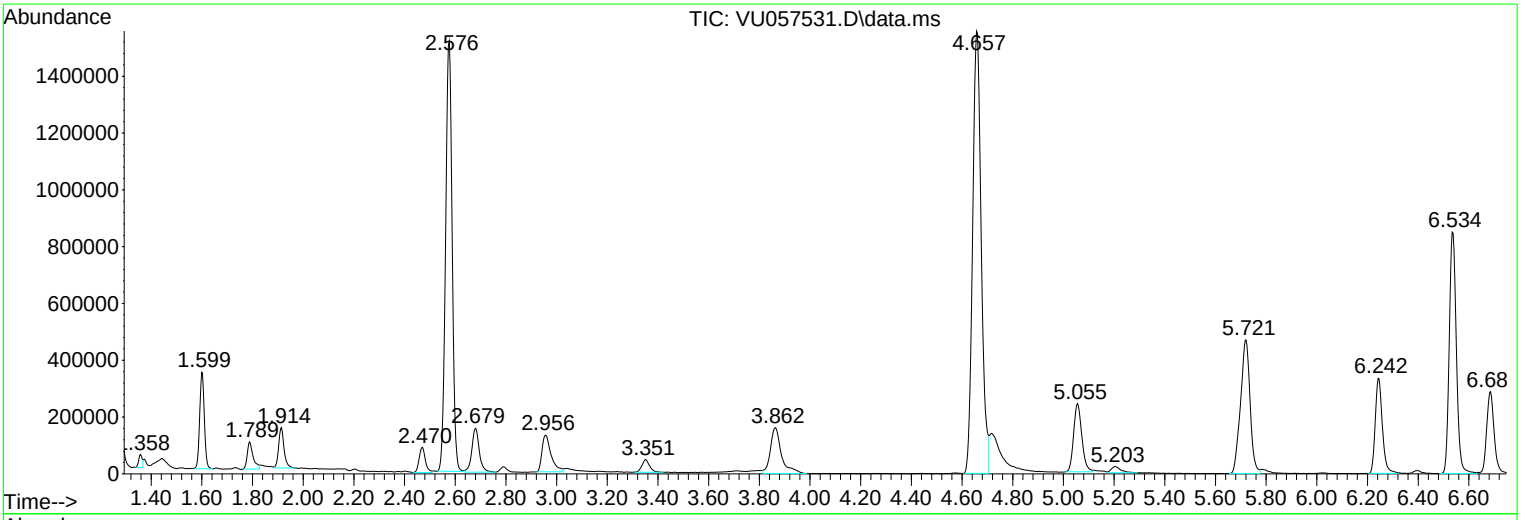
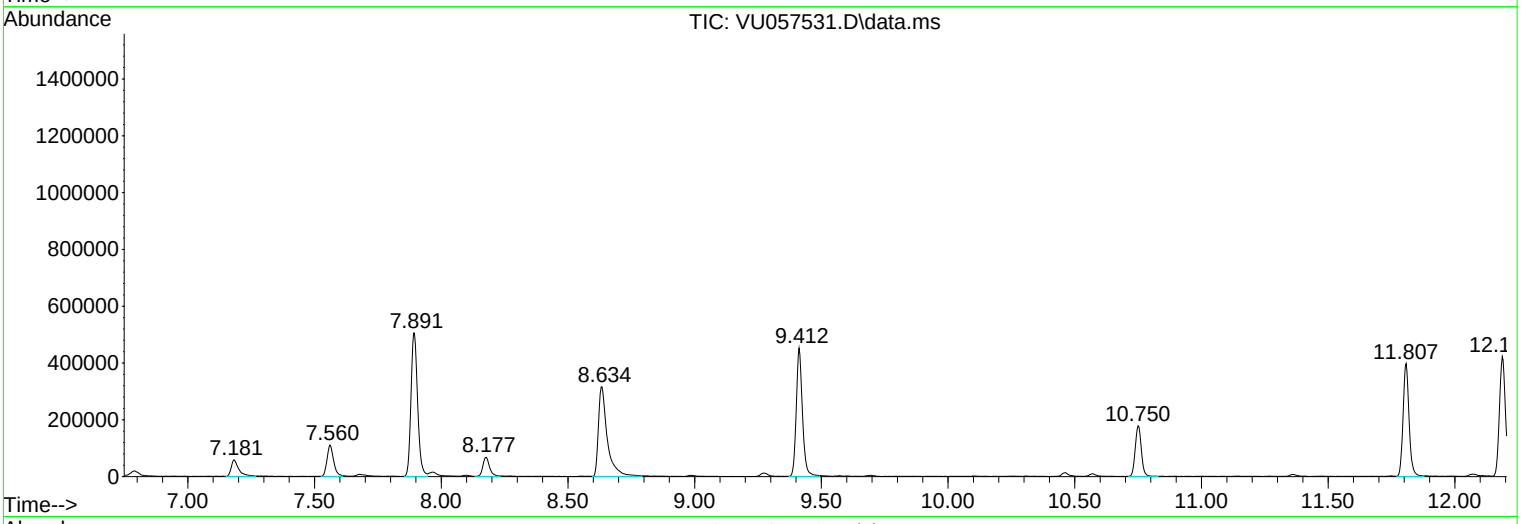
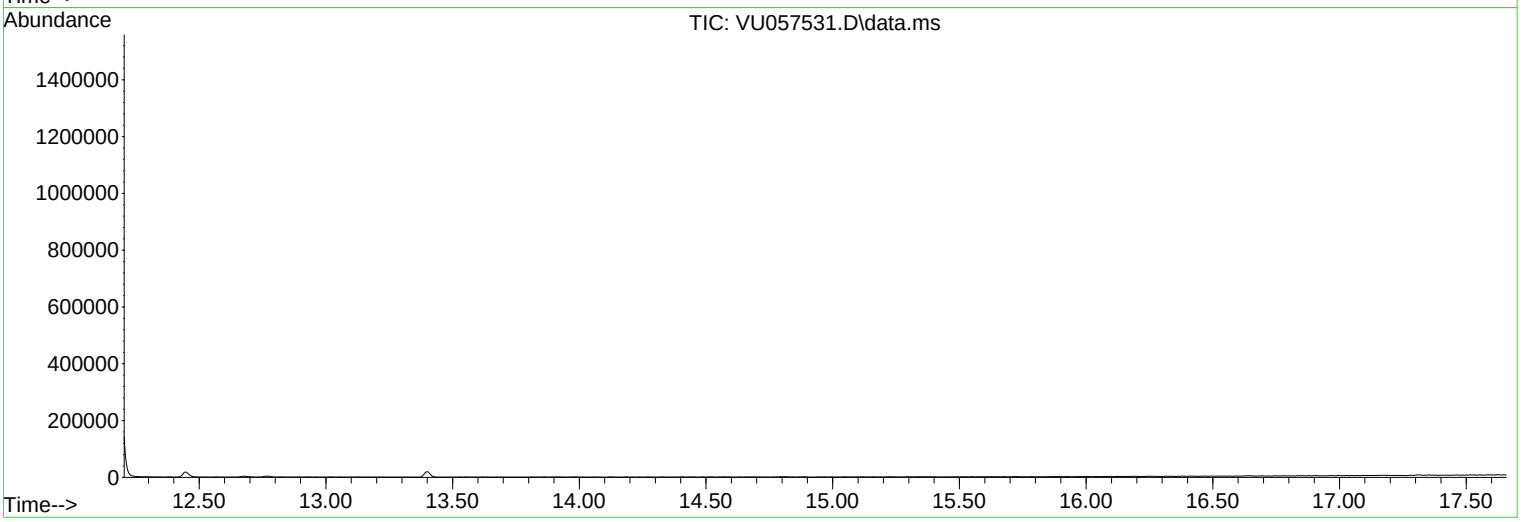
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
Quant Title : TRACE VOA SFAM1.0

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







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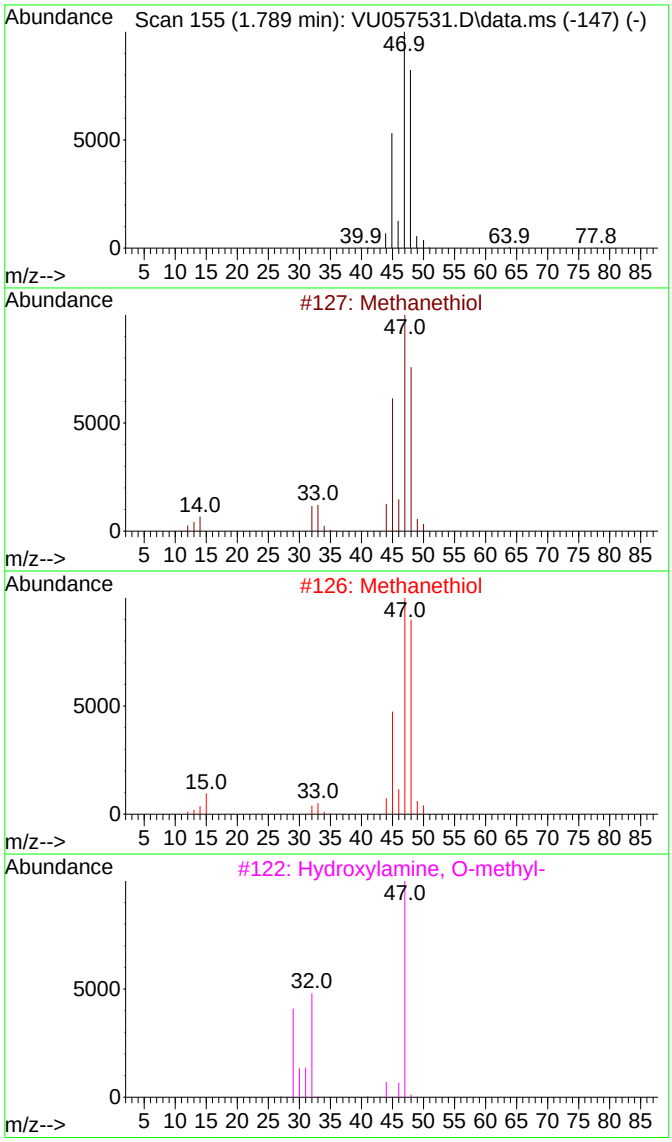
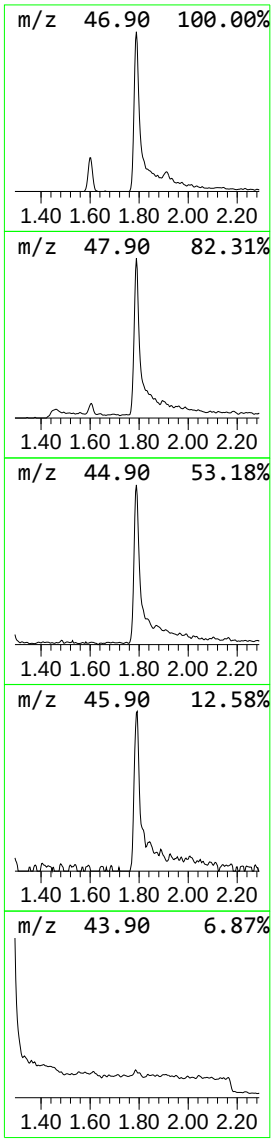
Peak Number 1 Methanethiol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.789	1.17 ug/L	153751	1,4-Difluorobenzene	6.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanethiol	48	CH4S	000074-93-1	90
2	Methanethiol	48	CH4S	000074-93-1	90
3	Hydroxylamine, O-methyl-	47	CH5NO	000067-62-9	7
4	Hydroxylamine, O-methyl-	47	CH5NO	000067-62-9	7
5	Methane, nitroso-	45	CH3NO	000865-40-7	5





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Quant Title : TRACE VOA SFAM1.0

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

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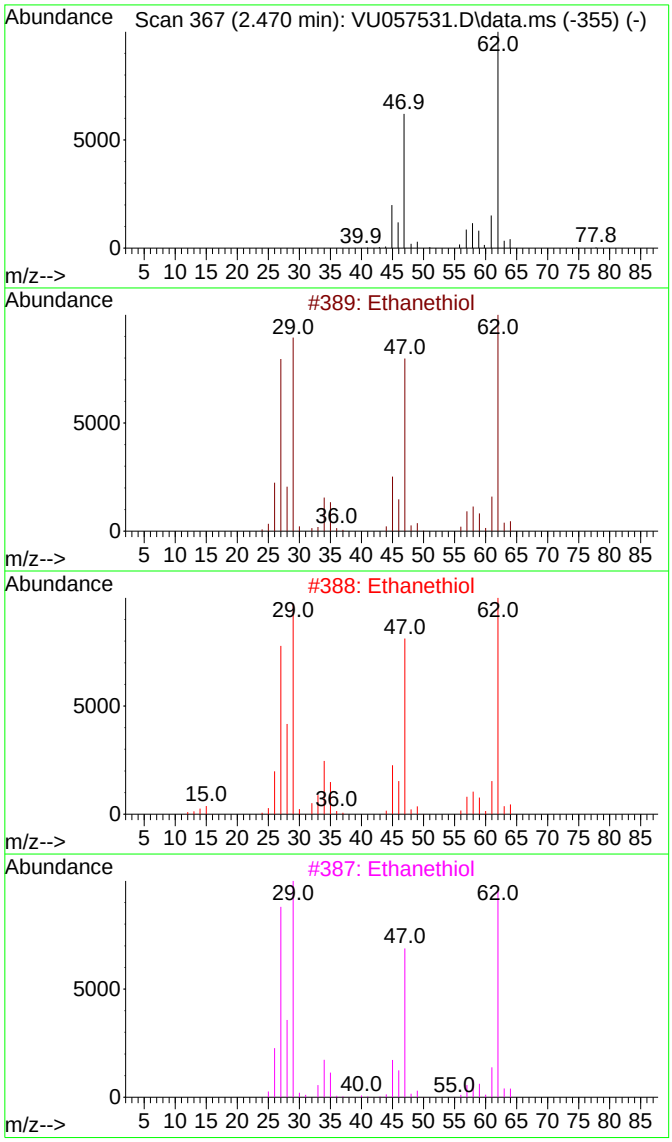
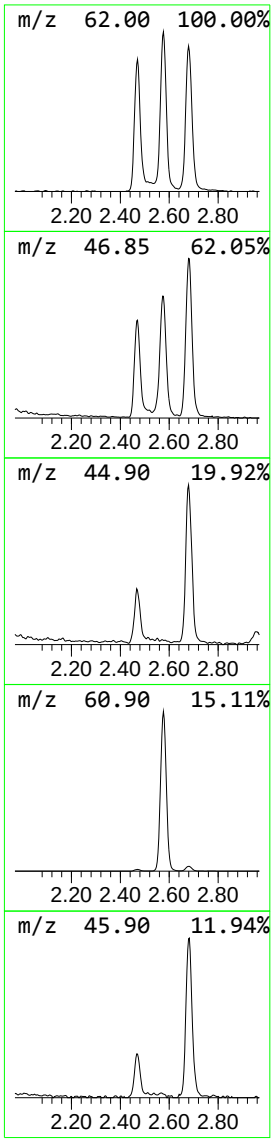
Peak Number 2 Ethanethiol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.470	1.15 ug/L	150919	1,4-Difluorobenzene	6.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanethiol	62	C2H6S	000075-08-1	91
2	Ethanethiol	62	C2H6S	000075-08-1	91
3	Ethanethiol	62	C2H6S	000075-08-1	91
4	Ethanethiol	62	C2H6S	000075-08-1	91
5	Ethanethiol	62	C2H6S	000075-08-1	91





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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
Quant Title : TRACE VOA SFAM1.0

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

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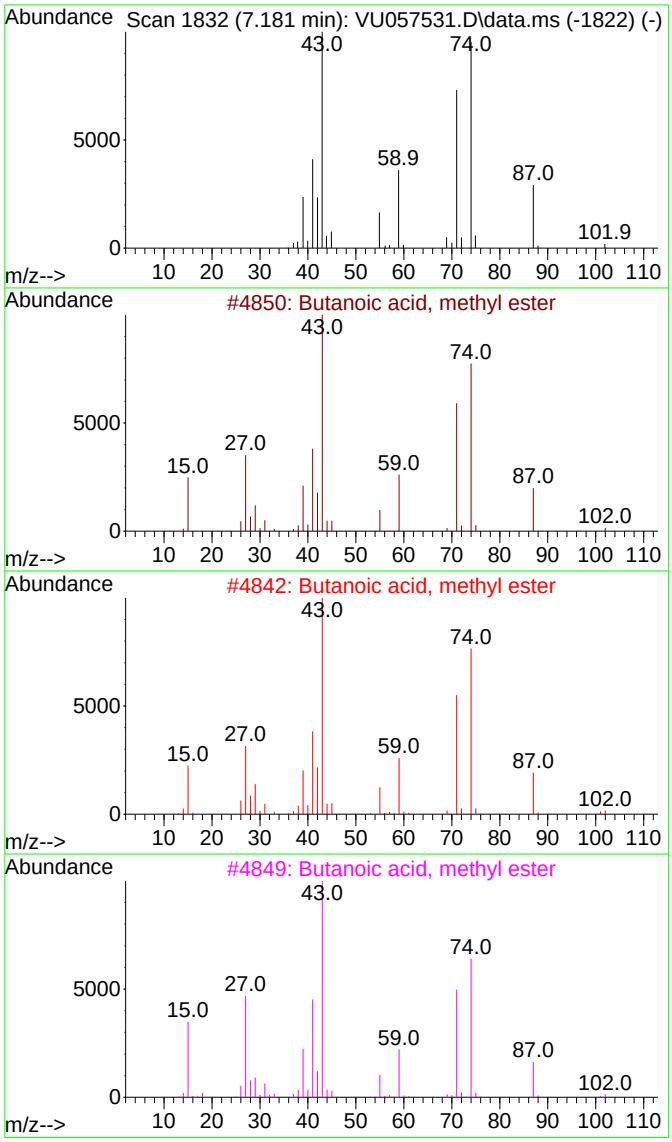
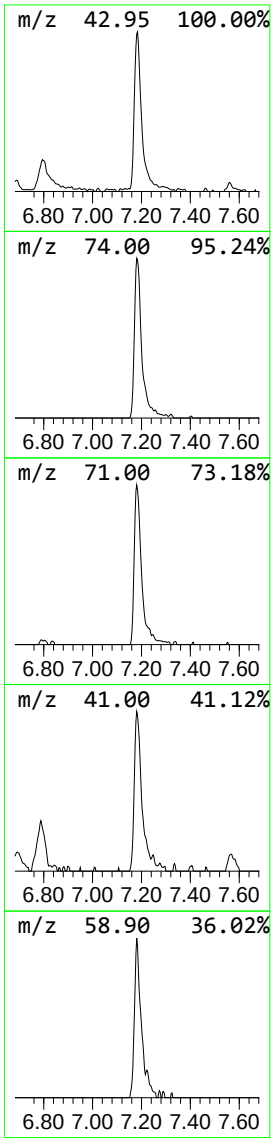
Peak Number 3 Butanoic acid, methyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.181	0.91 ug/L	118988	1,4-Difluorobenzene	6.245

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	91
2	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	91
3	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	87
4	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	83
5	Methyl isobutyrate	102	C5H10O2	000547-63-7	47





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Methanethiol	1.789	1.2	ug/L	153751	1	6.245	656689	5.0
Ethanethiol	2.470	1.1	ug/L	150919	1	6.245	656689	5.0
Butanoic acid, ...	7.181	0.9	ug/L	118988	1	6.245	656689	5.0