

Data File : VW014862.D
Acq On : 04 Feb 2020 16:13
Operator : SY/VA
Sample : L1323-03
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAT43

Quant Time: Feb 05 03:45:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM020320S.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 05 03:41:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1274682	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1081717	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	392262	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	388058	19.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.76%
7) Chloroethane-d5	2.89	69	361839	18.96	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.84%
10) 1,1-Dichloroethene-d2	4.02	63	599427	14.13	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.52%
20) 2-Butanone-d5	7.07	46	235435	31.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.76%
24) Chloroform-d	7.65	84	829586	20.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.76%
26) 1,2-Dichloroethane-d4	8.39	65	614	0.03	ug/L	0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.12%#
29) Benzene-d6	8.27	84	1741947	22.84	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.36%
33) 1,2-Dichloropropane-d6	9.27	67	566307	22.66	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.64%
37) Toluene-d8	10.32	98	1485920	22.32	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.28%
38) trans-1,3-Dichloropropene-	10.58	79	190349	19.24	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.96%
39) 2-Hexanone-d5	10.92	63	182169	37.24	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.48%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	356551	18.31	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.24%
61) 1,2-Dichlorobenzene-d4	13.85	152	377012	22.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.76%

Target Compounds

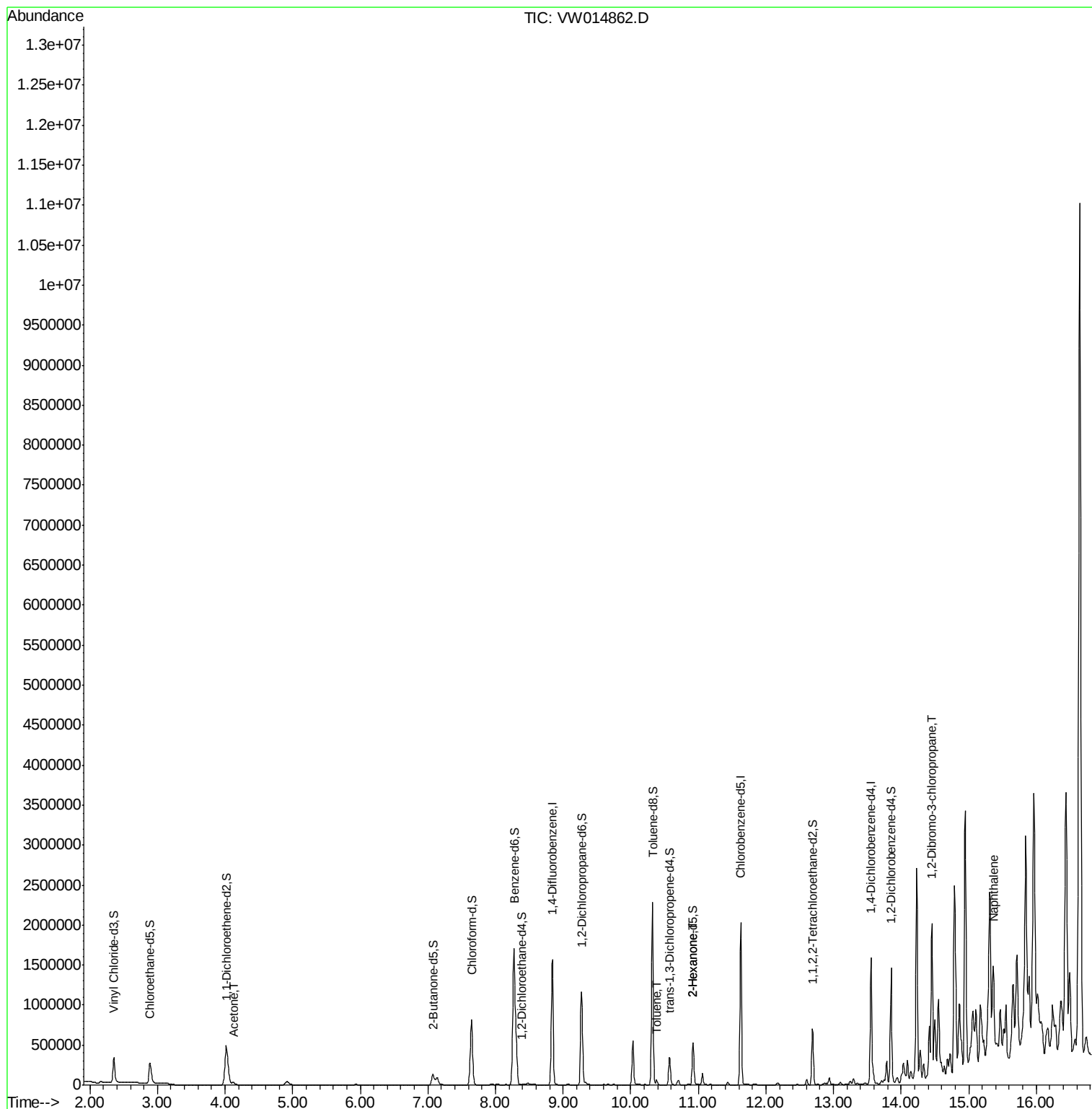
					Qvalue
13) Acetone	4.12	43	55976	6.898 ug/L	96
44) Toluene	10.38	91	47174	0.622 ug/L	94
49) 2-Hexanone	10.92	43	22648	2.188 ug/L #	67
66) 1,2-Dibromo-3-chloropropan	14.46	75	16904	7.230 ug/L #	10
69) Naphthalene	15.36	128	528788	17.895 ug/L #	86

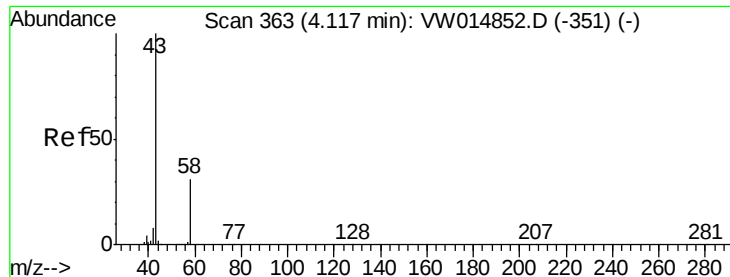
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.898 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

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Instrument :

MSVOA_W

ClientSampleId :

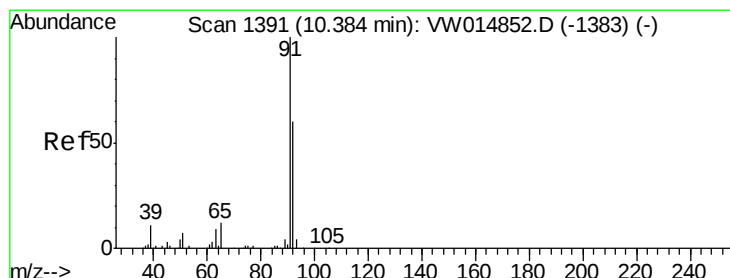
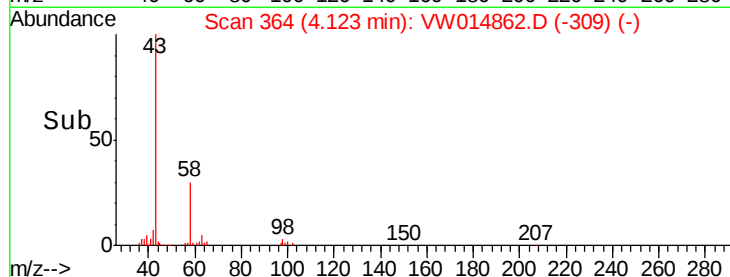
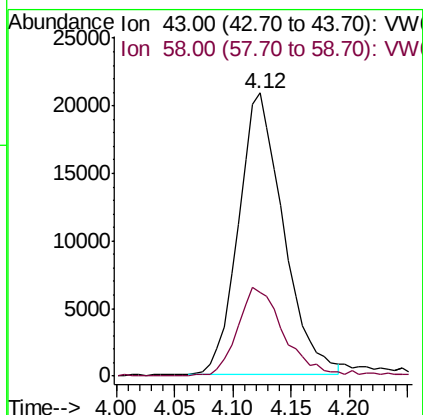
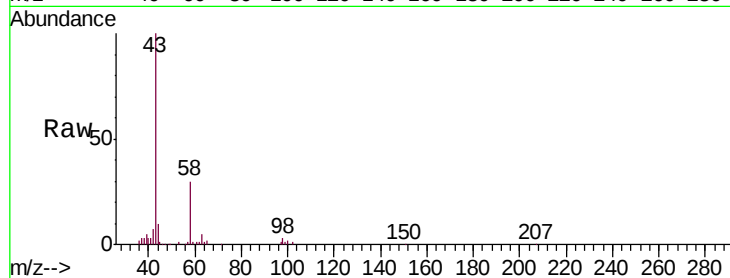
GAT43

Tgt Ion: 43 Resp: 55976

Ion Ratio Lower Upper

43 100

58 32.0 0.0 60.2



#44

Toluene

Concen: 0.622 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

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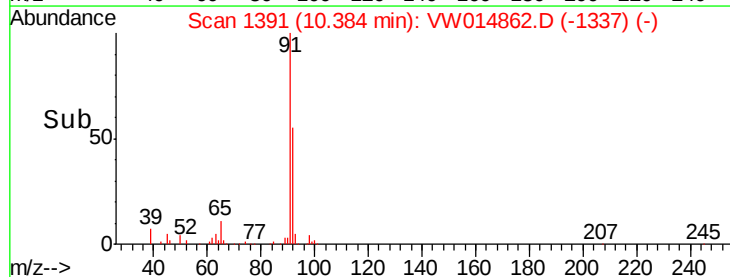
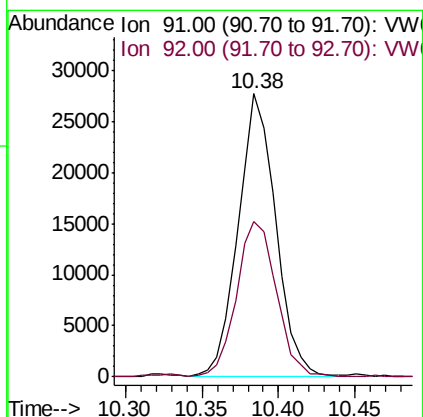
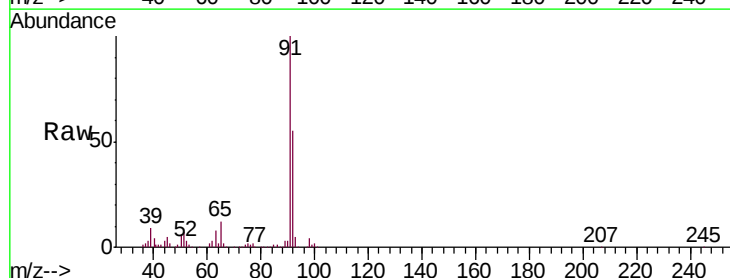
Acq: 04 Feb 2020 16:13

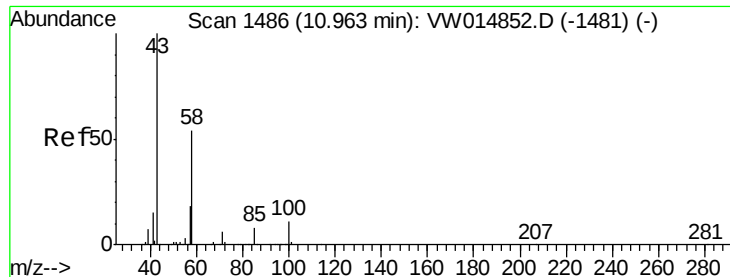
Tgt Ion: 91 Resp: 47174

Ion Ratio Lower Upper

91 100

92 54.8 41.6 77.2





#49

2-Hexanone

Concen: 2.188 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

ClientSampleId :

GAT43

Tgt Ion: 43 Resp: 22648

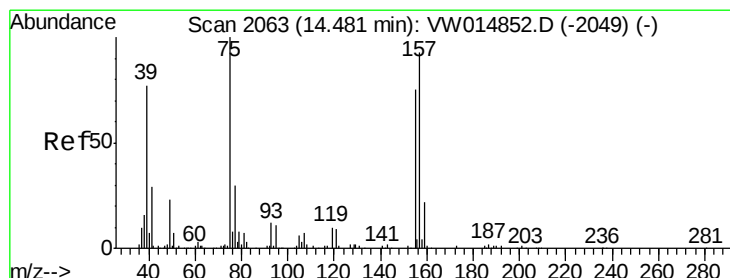
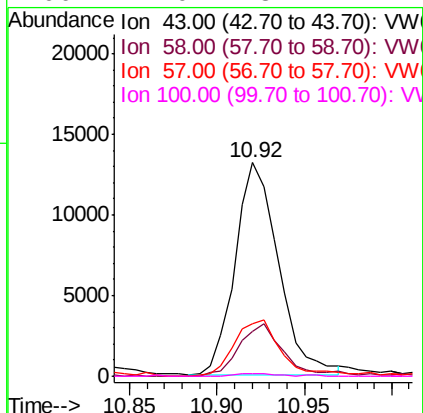
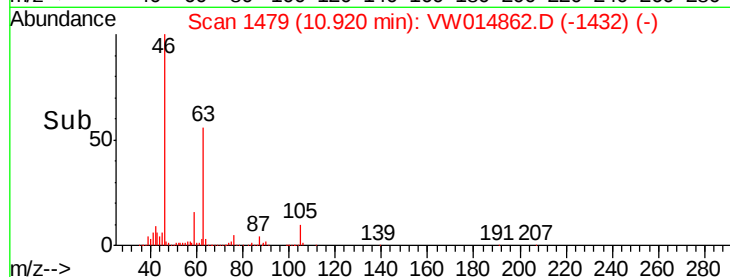
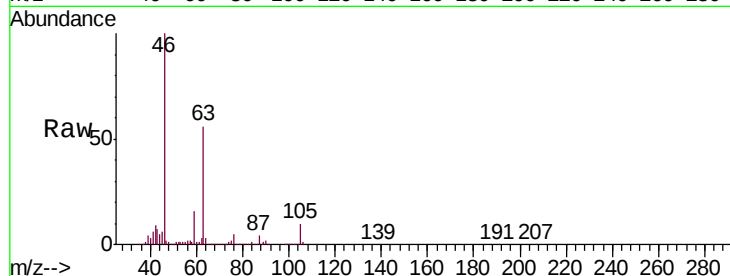
Ion Ratio Lower Upper

43 100

58 24.6 41.1 61.7#

57 27.4 14.1 21.1#

100 1.0 8.1 12.1#



#66

1,2-Dibromo-3-chloropropane

Concen: 7.230 ug/L

RT: 14.46 min Scan# 2059

Delta R.T. -0.02 min

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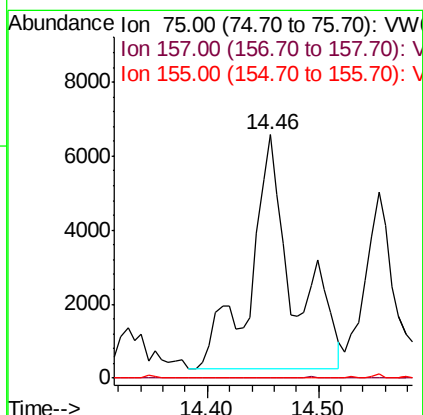
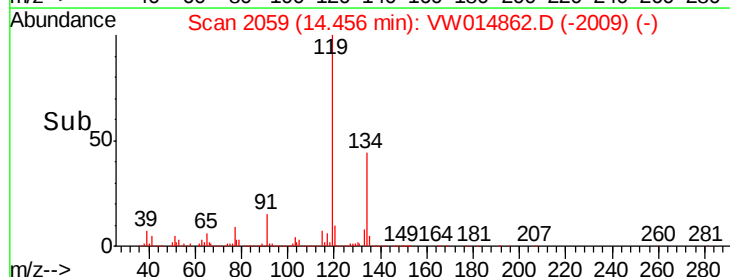
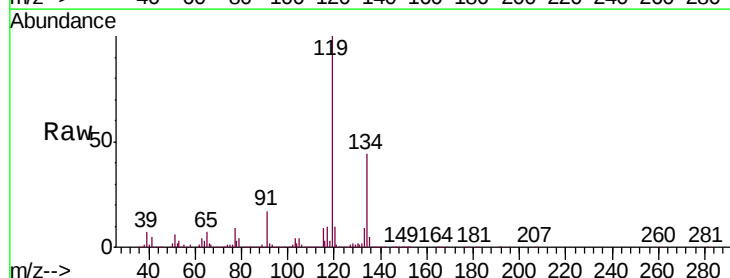
Tgt Ion: 75 Resp: 16904

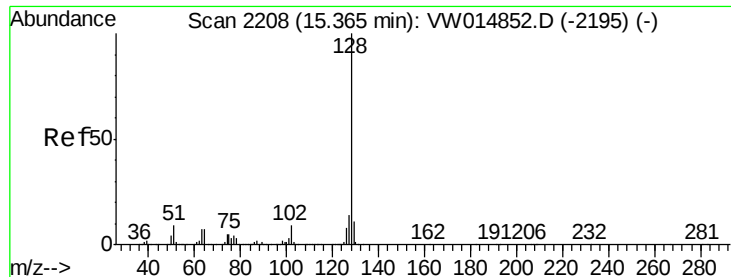
Ion Ratio Lower Upper

75 100

157 0.0 68.2 102.2#

155 0.0 56.0 84.0#





#69

Naphthalene

Concen: 17.895 ug/L

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VW014862.D

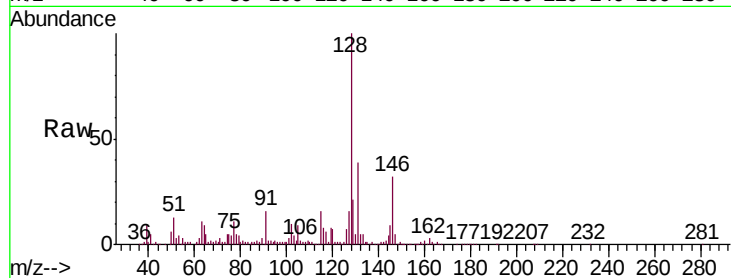
Acq: 04 Feb 2020 16:13

Instrument :

MSVOA_W

ClientSampleId :

GAT43



Tgt Ion:	128	Resp:	528788
Ion	Ratio	Lower	Upper
128	100		
129	21.2	8.7	13.1#
127	14.6	10.6	15.8

