

Data File : VW014253.D
Acq On : 06 Dec 2019 16:50
Operator : SY/VA
Sample : K6172-04
Misc : 5.25G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BT0

Quant Time: Dec 07 04:14:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120519S.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 07 04:10:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	977609	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	719684	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	194332	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	404017	27.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.16%
7) Chloroethane-d5	2.89	69	314979	28.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.48%
10) 1,1-Dichloroethene-d2	4.01	63	521475	19.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.76%
20) 2-Butanone-d5	7.07	46	124336	32.23	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.46%
24) Chloroform-d	7.65	84	643126	25.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.36%
26) 1,2-Dichloroethane-d4	8.30	65	287513	22.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.12%
29) Benzene-d6	8.27	84	1384352	32.82	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	131.28%
33) 1,2-Dichloropropane-d6	9.27	67	414633	31.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	127.80%#
37) Toluene-d8	10.32	98	1109301	29.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	116.36%
38) trans-1,3-Dichloropropene-	10.58	79	109533	20.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.48%
39) 2-Hexanone-d5	10.92	63	87156	33.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	221722	20.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	83.88%
61) 1,2-Dichlorobenzene-d4	13.85	152	224553	30.24	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	120.96%#

Target Compounds

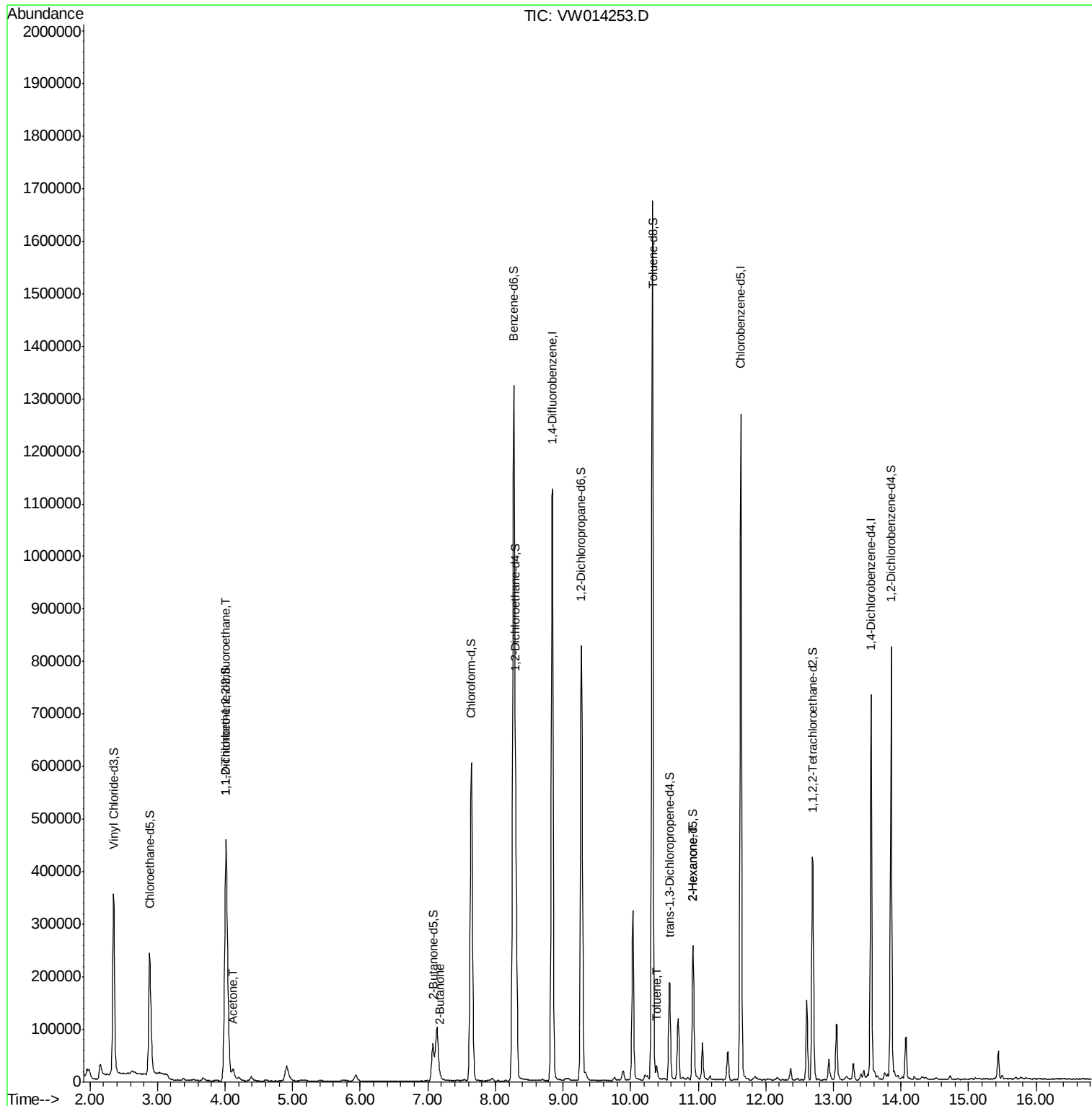
					Qvalue
11) 1,1,2-Trichloro-1,2,2-trif	4.01	101	5953	0.462 ug/L #	18
13) Acetone	4.12	43	36442	9.798 ug/L	98
21) 2-Butanone	7.18	43	15408	3.086 ug/L #	62
44) Toluene	10.38	91	16352	0.342 ug/L	94
49) 2-Hexanone	10.92	43	12956	2.357 ug/L #	63

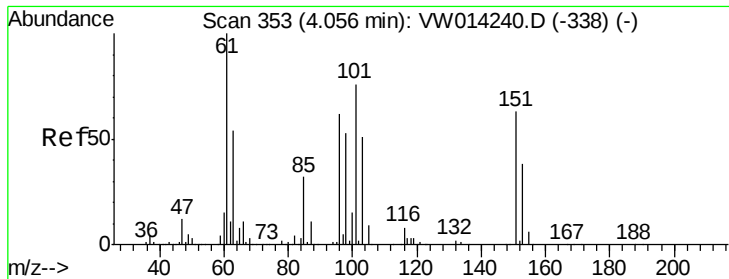
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.462 ug/L

RT: 4.01 min Scan# 346

Delta R.T. -0.04 min

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ClientSampleId :

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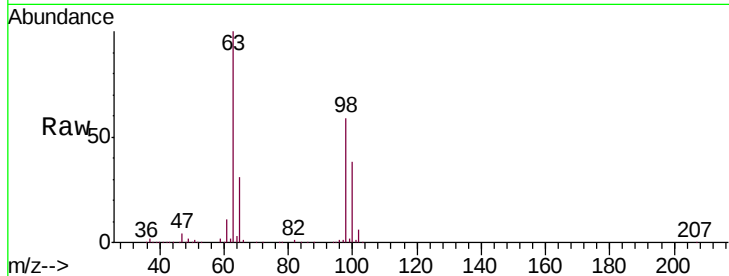
Tgt Ion:101 Resp: 5953

Ion Ratio Lower Upper

101 100

85 1.7 31.4 47.2#

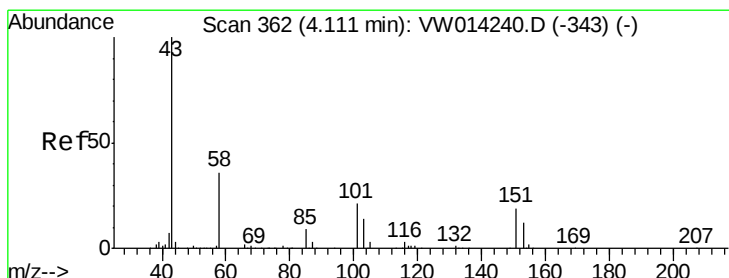
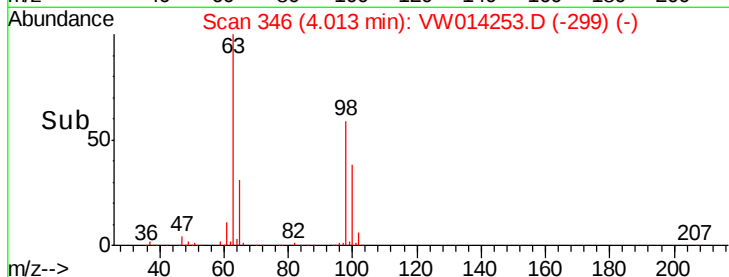
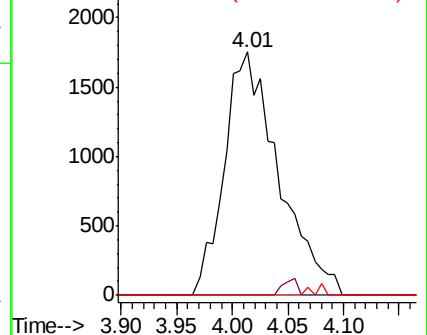
151 0.4 66.9 100.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 9.798 ug/L

RT: 4.12 min Scan# 363

Delta R.T. 0.01 min

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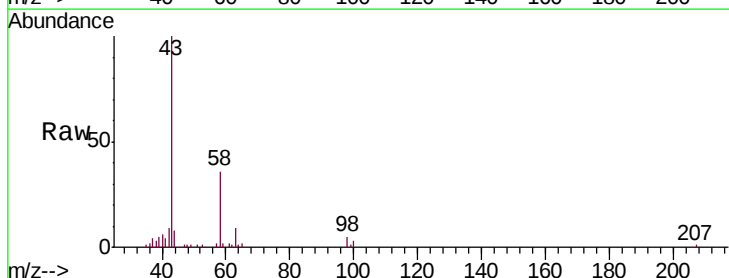
Acq: 06 Dec 2019 16:50

Tgt Ion: 43 Resp: 36442

Ion Ratio Lower Upper

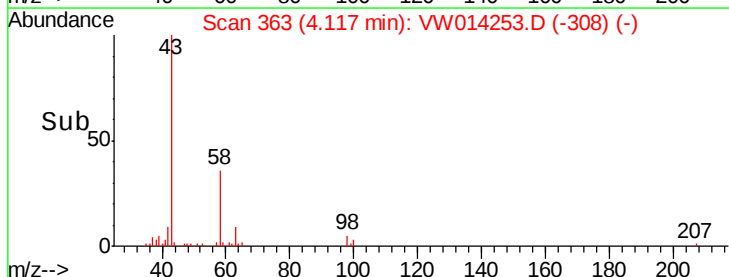
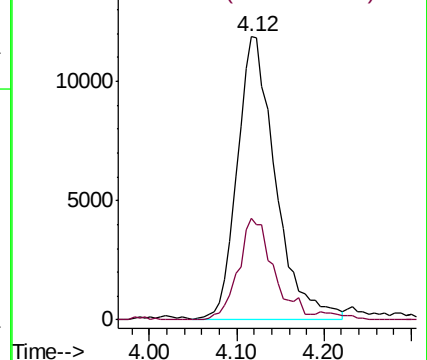
43 100

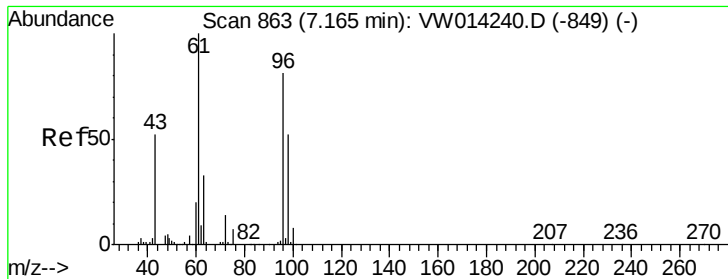
58 31.4 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#21

2-Butanone

Concen: 3.086 ug/L

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

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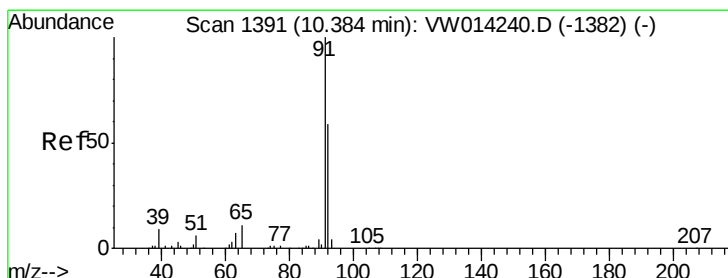
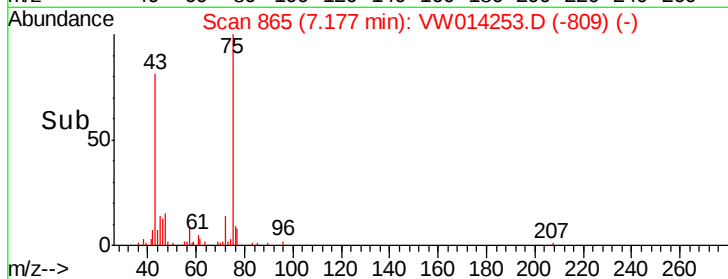
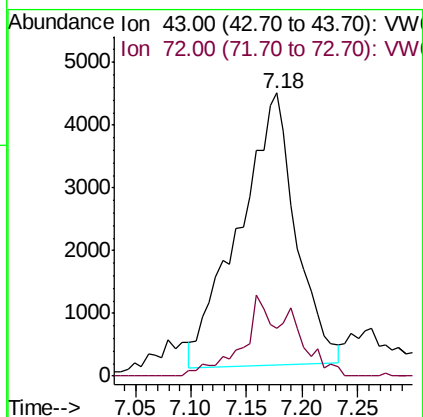
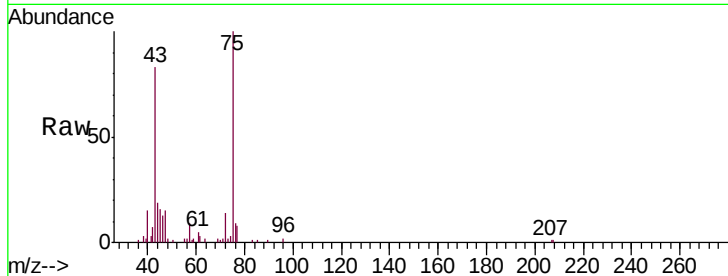
C0BT0

Tgt Ion: 43 Resp: 15408

Ion Ratio Lower Upper

43 100

72 8.2 14.1 42.2#



#44

Toluene

Concen: 0.342 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

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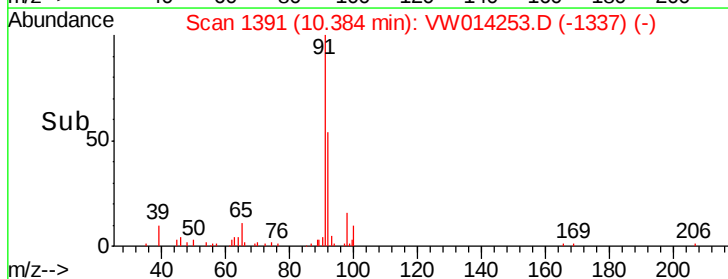
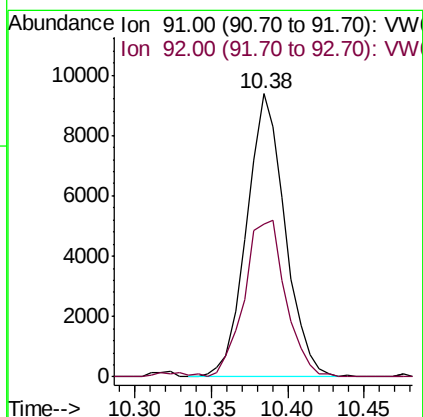
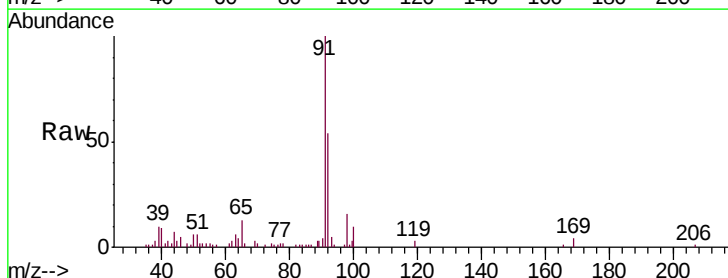
Acq: 06 Dec 2019 16:50

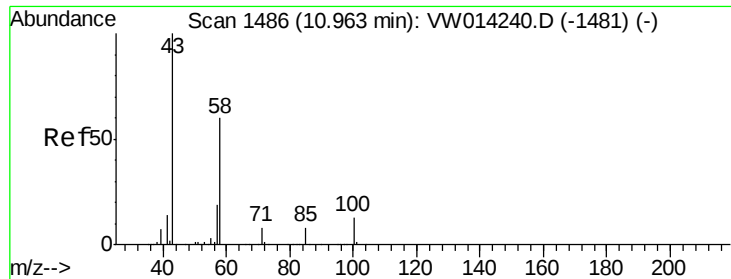
Tgt Ion: 91 Resp: 16352

Ion Ratio Lower Upper

91 100

92 54.1 40.7 75.7





#49

2-Hexanone

Concen: 2.357 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

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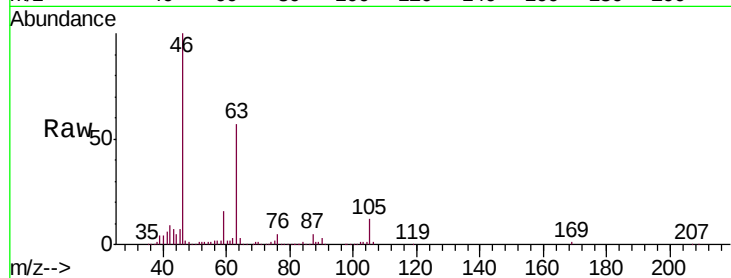
Acq: 06 Dec 2019 16:50

Instrument :

MSVOA_W

ClientSampleId :

C0BT0



Tgt Ion:	43	Resp:	12956
Ion	Ratio	Lower	Upper
43	100		
58	23.9	44.4	66.6#
57	32.3	16.5	24.7#
100	2.7	11.1	16.7#

