

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092820\
 Data File : VW016663.D
 Acq On : 28 Sep 2020 12:38
 Operator : SY/VA
 Sample : L4171-02
 Misc : 6.35G/10ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3X9

Quant Time: Sep 29 06:00:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 29 05:26:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	738933	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	655054	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	318158	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.37	65	150778	21.08	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.32%
7) Chloroethane-d5	2.90	69	136311	23.34	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.36%
10) 1,1-Dichloroethene-d2	4.03	63	250303	15.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	62.60%
20) 2-Butanone-d5	7.09	46	79760	40.90	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.80%
24) Chloroform-d	7.65	84	380894	24.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	98.56%
26) 1,2-Dichloroethane-d4	8.31	65	192932	24.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.24%
29) Benzene-d6	8.28	84	735535	25.04	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.16%
33) 1,2-Dichloropropane-d6	9.28	67	207822	26.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.40%
37) Toluene-d8	10.33	98	712738	24.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.64%
38) trans-1,3-Dichloropropene-	10.59	79	89807	22.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	89.52%
39) 2-Hexanone-d5	10.93	63	64114	44.28	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.56%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	152911	22.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	267233	26.29	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.16%

Target Compounds

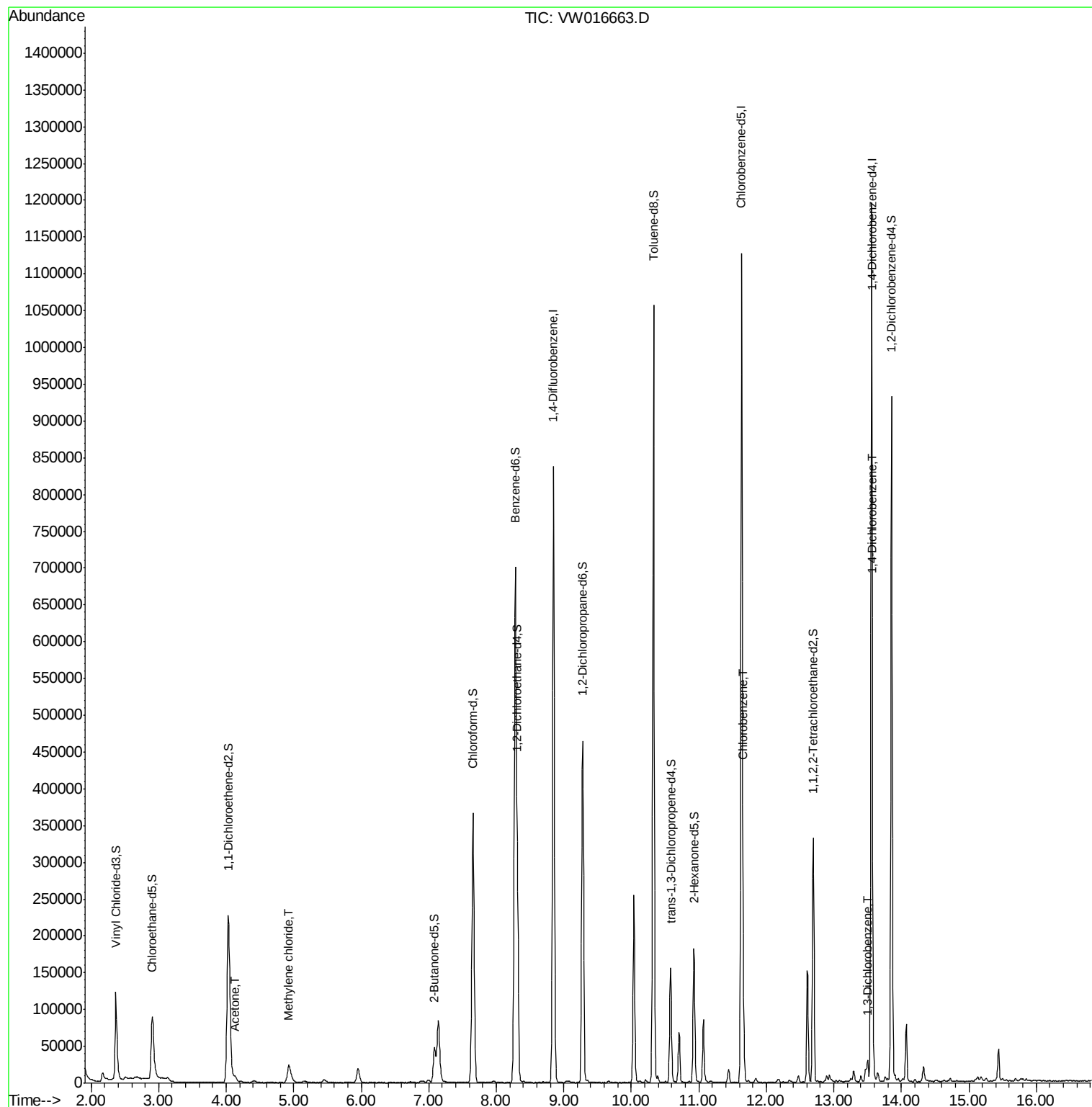
					Ovalue
13) Acetone	4.14	43	12477	8.168	ug/L 98
16) Methylene chloride	4.93	84	21328	1.871	ug/L 95
52) Chlorobenzene	11.66	112	49196	1.855	ug/L 92
63) 1,3-Dichlorobenzene	13.50	146	10466	0.506	ug/L 95
64) 1,4-Dichlorobenzene	13.58	146	21320	1.052	ug/L 90

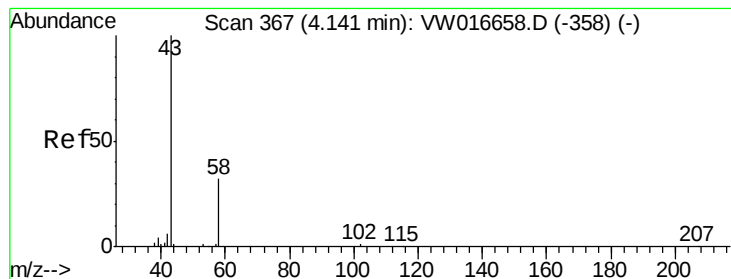
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092820\
Data File : VW016663.D
Acq On : 28 Sep 2020 12:38
Operator : SY/VA
Sample : L4171-02
Misc : 6.35G/10ML/MSVOA W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X9

Quant Time: Sep 29 06:00:46 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 29 05:26:53 2020
Response via : Initial Calibration





#13

Acetone

Concen: 8.168 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW016663.D

Acq: 28 Sep 2020 12:38

Instrument :

MSVOA_W

ClientSampleId :

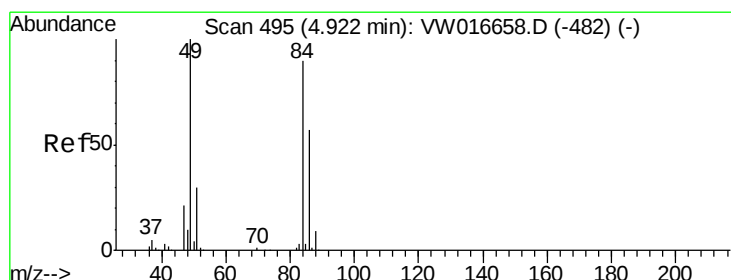
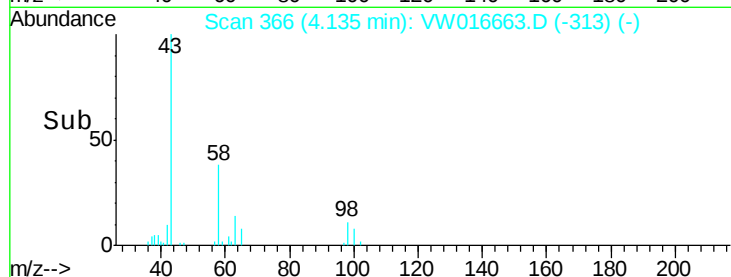
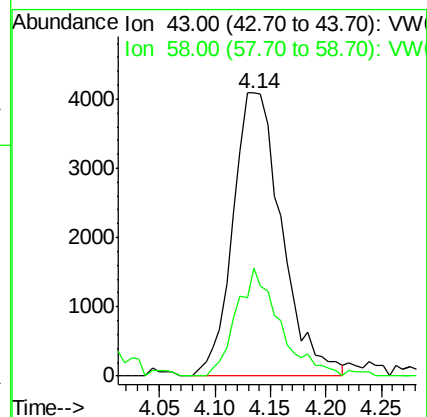
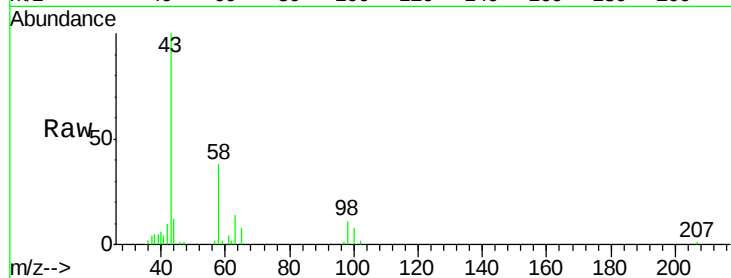
BG3X9

Tot Ion: 43 Resp: 12477

Ion Ratio Lower Upper

43 100

58 31.3 0.0 60.2



#16

Methylene chloride

Concen: 1.871 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW016663.D

Acq: 28 Sep 2020 12:38

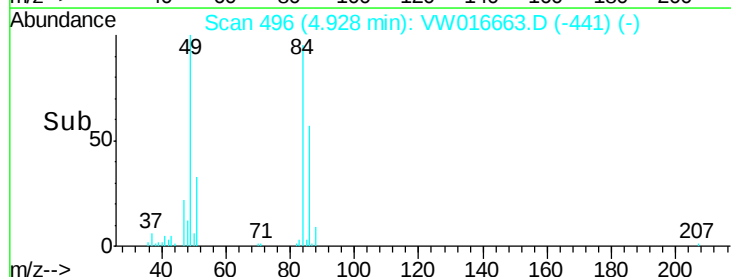
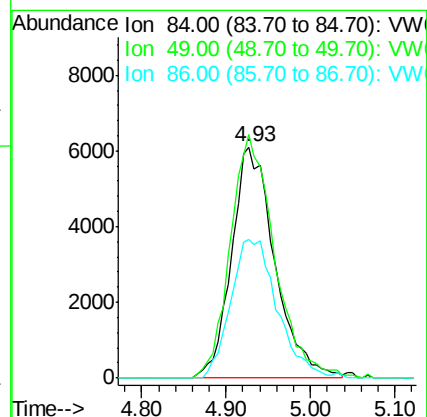
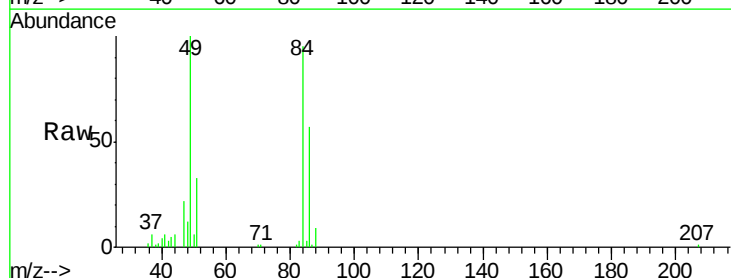
Tgt Ion: 84 Resp: 21328

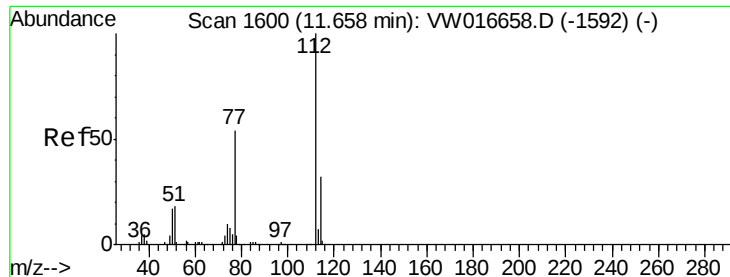
Ion Ratio Lower Upper

84 100

49 105.3 76.0 141.2

86 59.7 45.6 84.6





#52

Chlorobenzene

Concen: 1.855 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VW016663.D

Acq: 28 Sep 2020 12:38

Instrument :

MSVOA_W

ClientSampleId :

BG3X9

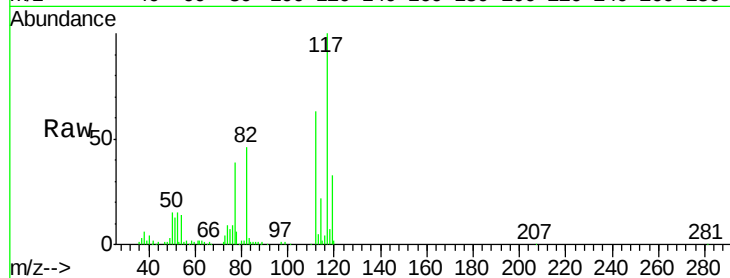
Tot Ion:112 Resp: 49196

Ion Ratio Lower Upper

112 100

77 60.7 43.1 64.7

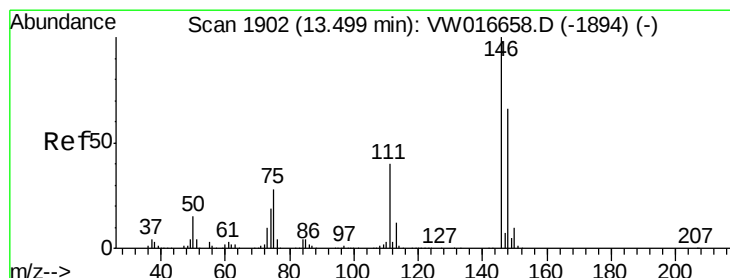
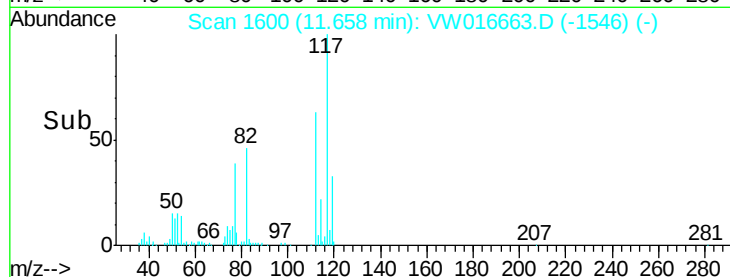
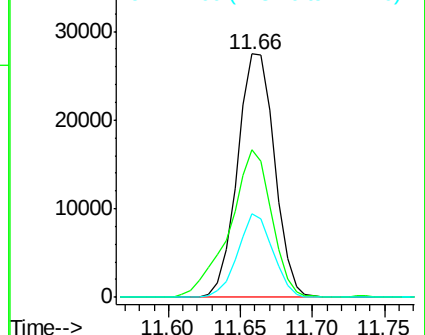
114 34.5 22.3 41.3



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 77.00 (76.70 to 77.70): V

Ion 114.00 (113.70 to 114.70): V



#63

1,3-Dichlorobenzene

Concen: 0.506 ug/L

RT: 13.50 min Scan# 1902

Delta R.T. -0.00 min

Lab File: VW016663.D

Acq: 28 Sep 2020 12:38

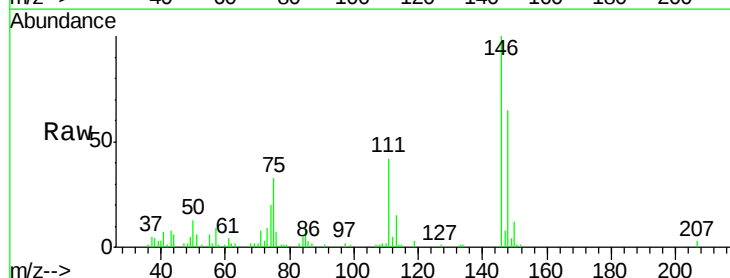
Tgt Ion:146 Resp: 10466

Ion Ratio Lower Upper

146 100

111 41.9 25.0 46.4

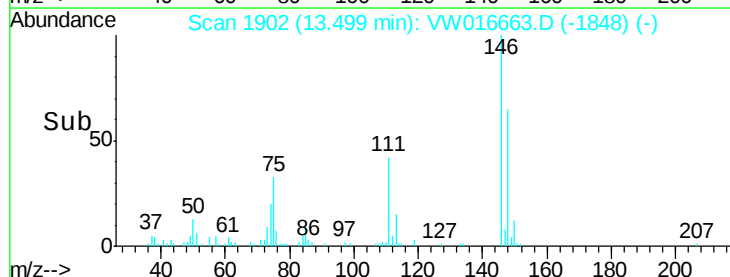
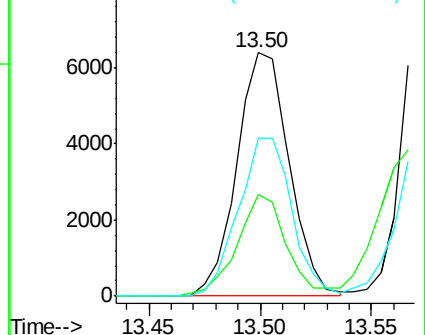
148 64.7 44.0 81.8

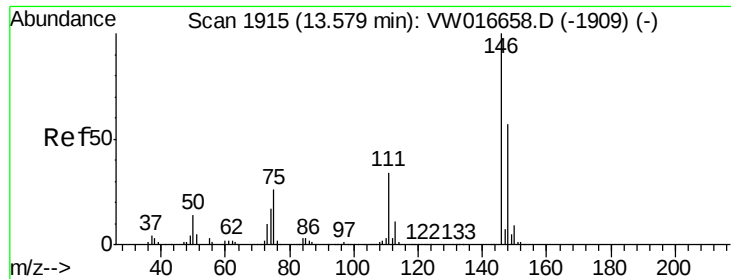


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#64
 1,4-Dichlorobenzene
 Concen: 1.052 ug/L
 RT: 13.58 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VW016663.D
 Acq: 28 Sep 2020 12:38

Instrument :
 MSVOA_W
 ClientSampleId :
 BG3X9

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.7	25.1	46.5
148	64.9	42.3	78.5

