

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012121\
 Data File : VW020124.D
 Acq On : 21 Jan 2021 23:12
 Operator : SY/MD
 Sample : M1181-18
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F1E47

Quant Time: Jan 22 06:48:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 22 06:43:18 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

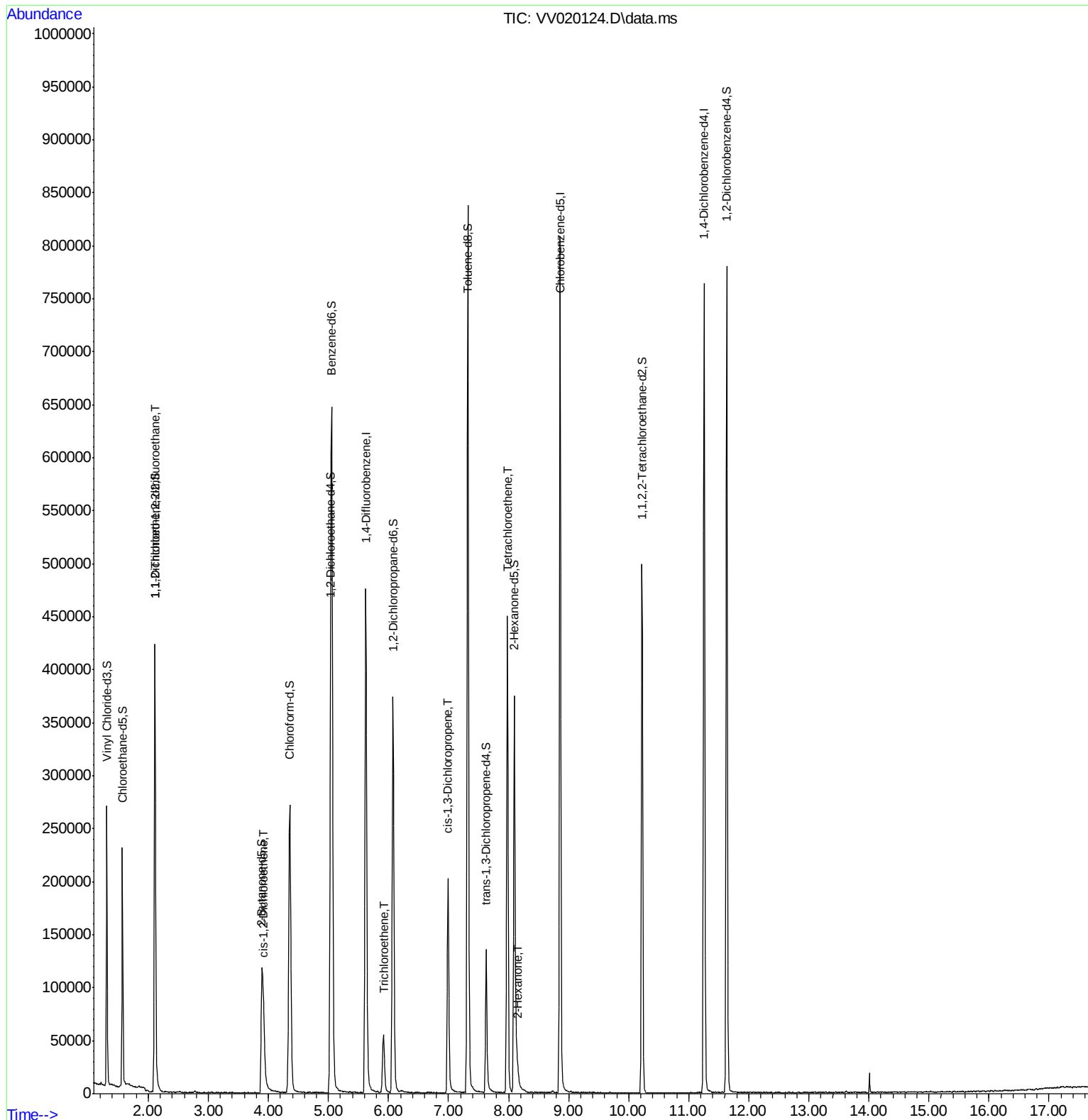
Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	389627	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	412866	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	180635	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	155094	53.67	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	107.34%		
7) Chloroethane-d5	1.569	69	136329	56.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	112.72%		
11) 1,1-Dichloroethene-d2	2.110	63	224003	38.81	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.62%		
21) 2-Butanone-d5	3.891	46	193088	97.43	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.43%		
24) Chloroform-d	4.354	84	271296	50.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.24%		
26) 1,2-Dichloroethane-d4	5.035	65	196216	52.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.60%		
32) Benzene-d6	5.055	84	513979	45.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.42%		
36) 1,2-Dichloropropane-d6	6.074	67	163753	45.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.24%		
41) Toluene-d8	7.322	98	521229	49.28	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.56%		
43) trans-1,3-Dichloroprop...	7.624	79	72819	41.46	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.92%		
47) 2-Hexanone-d5	8.093	63	112832	75.62	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	75.62%		
57) 1,1,2,2-Tetrachloroeth...	10.222	84	226463	46.09	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	92.18%		
64) 1,2-Dichlorobenzene-d4	11.633	152	179646	52.93	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.86%		
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	2.110	101	2257	0.82	ug/L #	23
20) cis-1,2-Dichloroethene	3.920	96	18169	6.45	ug/L	99
34) Trichloroethene	5.920	95	9638	2.75	ug/L	98
39) cis-1,3-Dichloropropene	6.990	75	5448	1.09	ug/L #	53
46) Tetrachloroethene	7.981	164	90598	34.60	ug/L	98
48) 2-Hexanone	8.151	43	12435	3.31	ug/L #	73

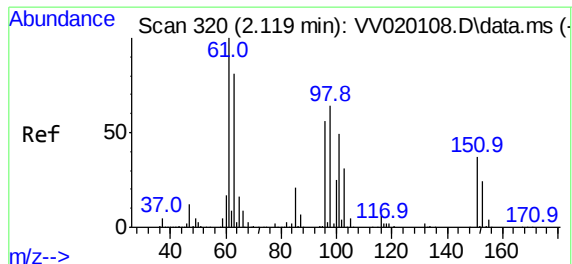
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Jan 22 06:43:18 2021
Response via : Initial Calibration

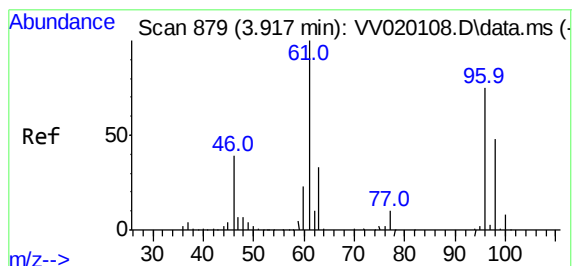
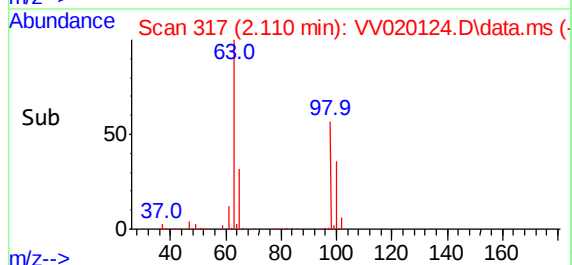
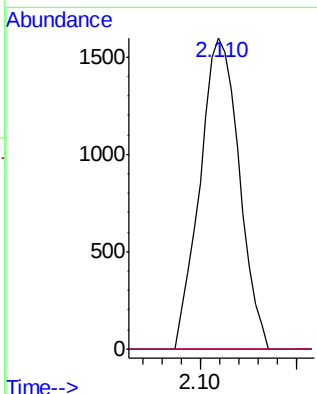
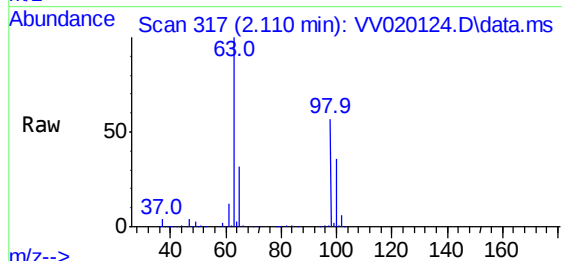




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.82 ug/L
 RT: 2.110 min Scan# 317
 Delta R.T. -0.010 min
 Lab File: VV020124.D
 Acq: 21 Jan 2021 23:12

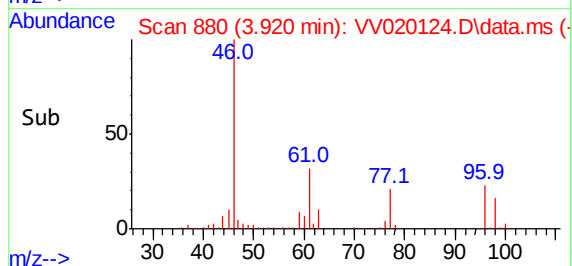
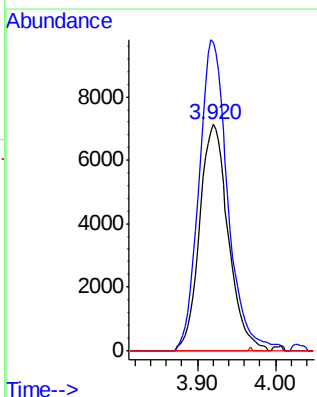
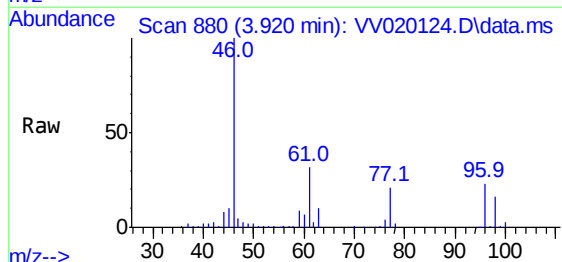
Instrument :
 MSVOA_V
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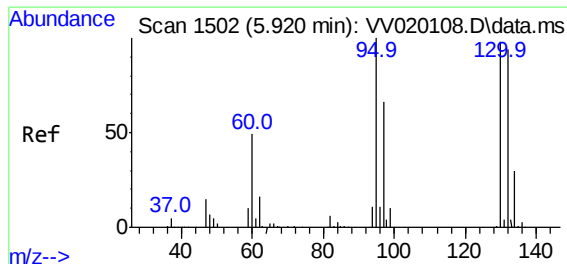
Tgt Ion:101 Resp: 2257
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.3 52.9#
 151 0.0 53.6 80.4#



#20
 cis-1,2-Dichloroethene
 Concen: 6.45 ug/L
 RT: 3.920 min Scan# 880
 Delta R.T. 0.003 min
 Lab File: VV020124.D
 Acq: 21 Jan 2021 23:12

Tgt Ion: 96 Resp: 18169
 Ion Ratio Lower Upper
 96 100
 61 136.7 96.9 179.9
 68 0.0 0.0 0.0



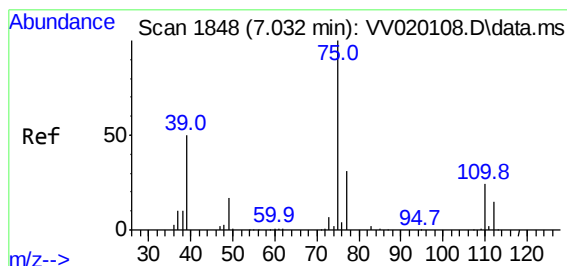
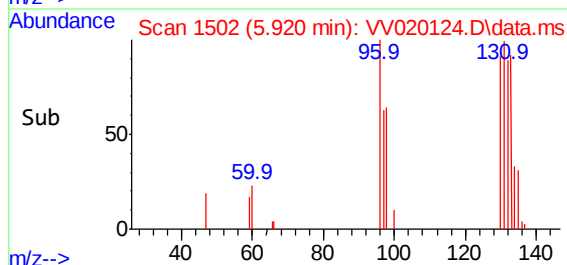
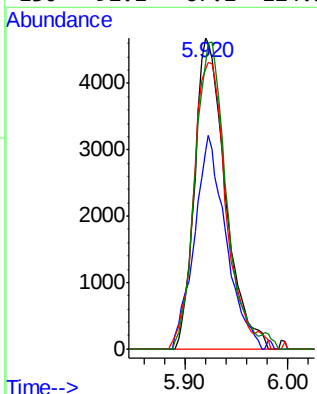
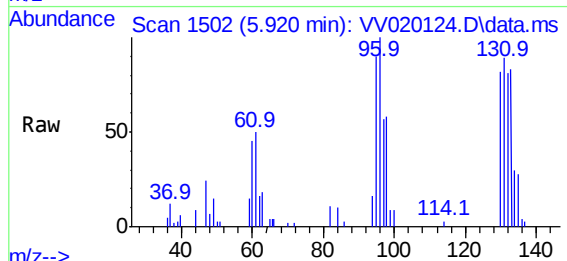


#34
Trichloroethene
Concen: 2.75 ug/L
RT: 5.920 min Scan# 1502
Delta R.T. -0.000 min
Lab File: VV020124.D
Acq: 21 Jan 2021 23:12

Instrument :
MSVOA_V
ClientSampleId :
F1E47

Tgt Ion: 95 Resp: 9638

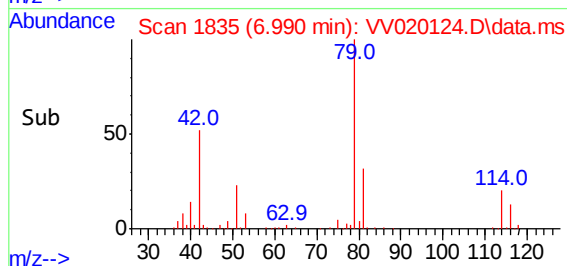
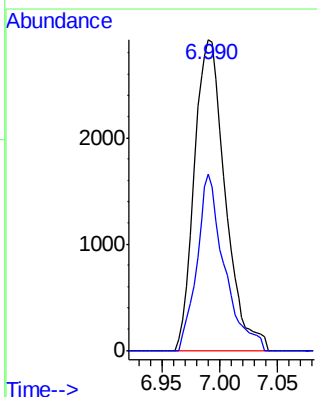
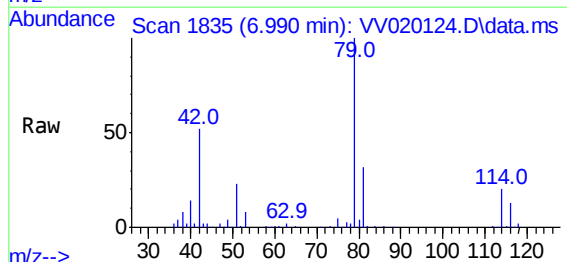
Ion	Ratio	Lower	Upper
95	100		
97	63.9	44.5	82.7
132	90.3	63.4	117.8
130	92.1	67.1	124.5

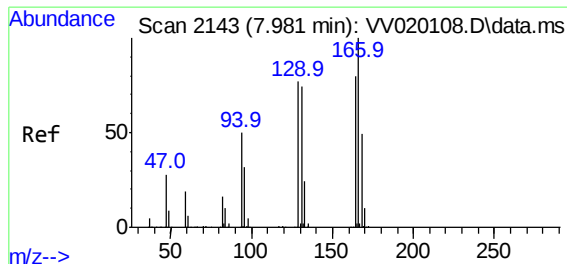


#39
cis-1,3-Dichloropropene
Concen: 1.09 ug/L
RT: 6.990 min Scan# 1835
Delta R.T. -0.042 min
Lab File: VV020124.D
Acq: 21 Jan 2021 23:12

Tgt Ion: 75 Resp: 5448

Ion	Ratio	Lower	Upper
75	100		
77	56.8	21.8	40.6



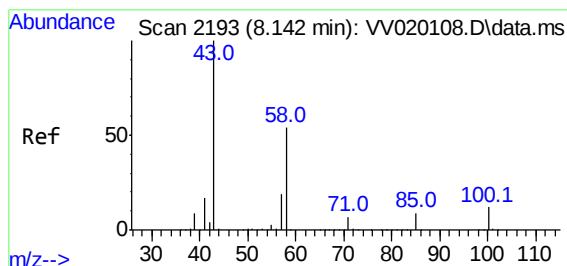
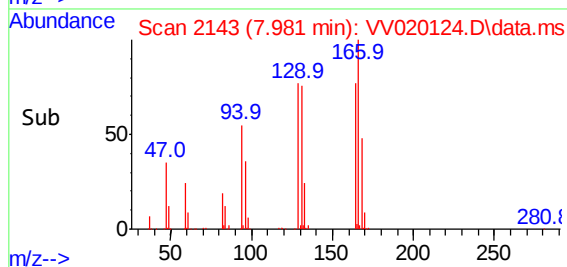
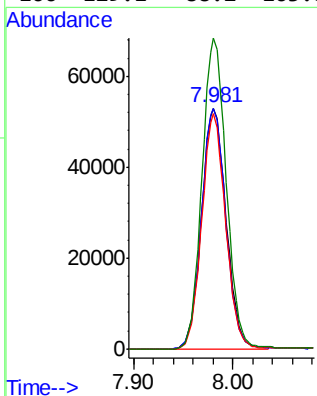
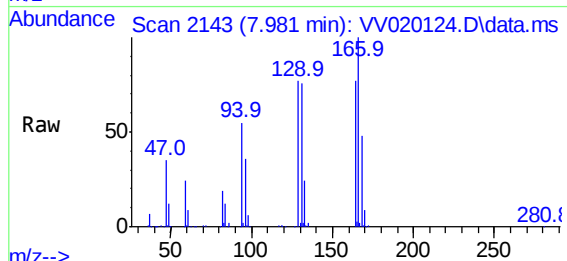


#46
Tetrachloroethene
Concen: 34.60 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. -0.000 min
Lab File: VV020124.D
Acq: 21 Jan 2021 23:12

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Tgt Ion:164 Resp: 90598

Ion	Ratio	Lower	Upper
164	100		
129	99.8	70.6	131.0
131	97.5	66.8	124.0
166	129.1	88.2	163.8



#48
2-Hexanone
Concen: 3.31 ug/L
RT: 8.151 min Scan# 2196
Delta R.T. 0.010 min
Lab File: VV020124.D
Acq: 21 Jan 2021 23:12

Tgt Ion: 43 Resp: 12435

Ion	Ratio	Lower	Upper
43	100		
58	28.2	41.8	62.6#
57	14.6	15.0	22.4#
100	3.1	8.9	13.3#

