

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
 Data File : VV022487.D
 Acq On : 02 Oct 2021 01:16
 Operator : SY/MD
 Sample : M4024-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ4

Quant Time: Oct 02 01:39:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 02 01:27:14 2021
 Response via : Initial Calibration

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

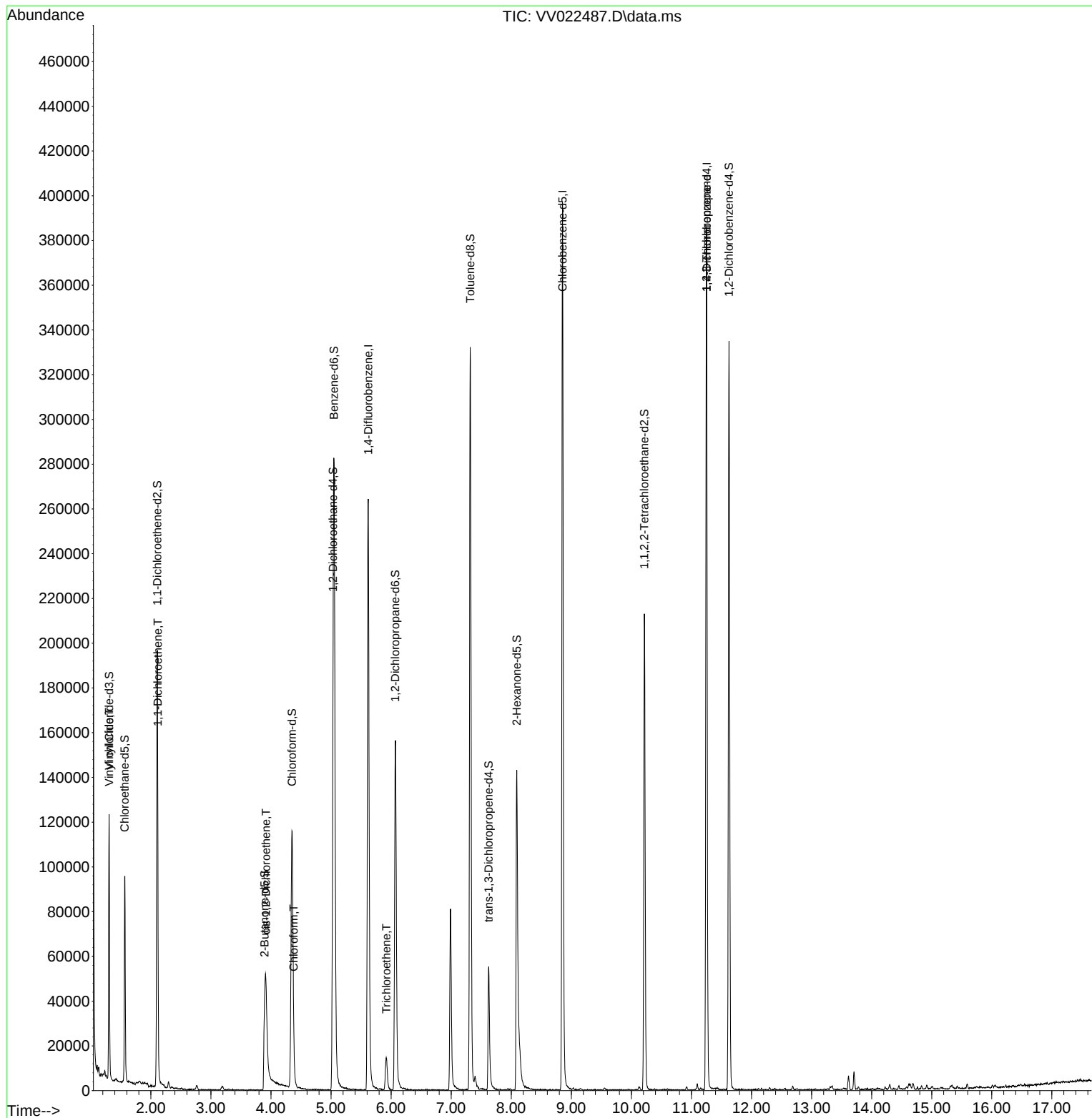
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	236347	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	225205	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	105972	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	68527	46.881	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.760%
7) Chloroethane-d5	1.565	69	56081	48.809	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.620%
11) 1,1-Dichloroethene-d2	2.108	63	100036	34.709	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.420%
21) 2-Butanone-d5	3.892	46	67523	83.922	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.920%
24) Chloroform-d	4.349	84	121260	45.406	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.820%
26) 1,2-Dichloroethane-d4	5.034	65	74191	47.890	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.780%
32) Benzene-d6	5.050	84	249230	47.770	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.540%
36) 1,2-Dichloropropane-d6	6.069	67	75845	47.222	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.440%
41) Toluene-d8	7.317	98	222744	46.544	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.080%
43) trans-1,3-Dichloroprop...	7.625	79	31700	41.716	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.440%
47) 2-Hexanone-d5	8.092	63	60825	91.419	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.420%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	101860	45.608	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.220%
66) 1,2-Dichlorobenzene-d4	11.625	152	86800	50.227	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.460%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.307	62	4610	2.069	ug/L #	68
12) 1,1-Dichloroethene	2.114	96	1918	1.162	ug/L #	1
20) cis-1,2-Dichloroethene	3.915	96	15892	8.231	ug/L	96
25) Chloroform	4.378	83	1750	0.542	ug/L	93
34) Trichloroethene	5.921	95	4316	2.377	ug/L	96
61) 1,2,3-Trichloropropane	11.249	75	10891	5.404	ug/L #	63

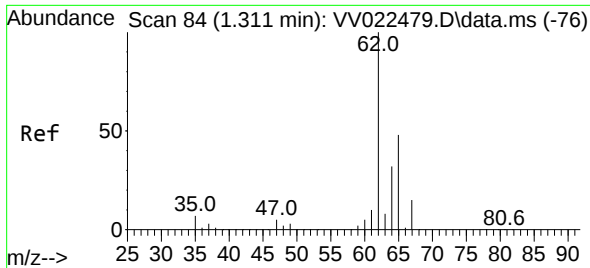
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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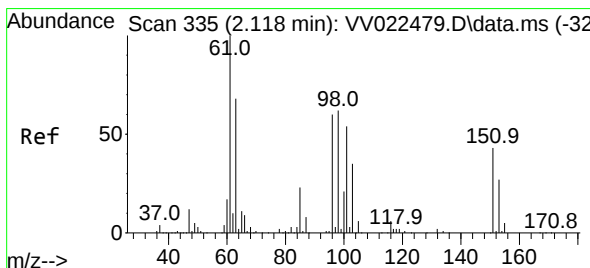
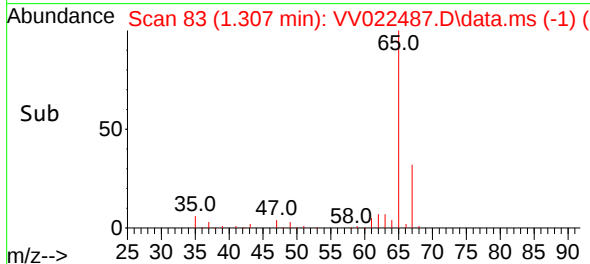
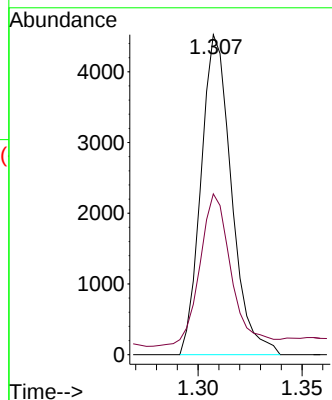
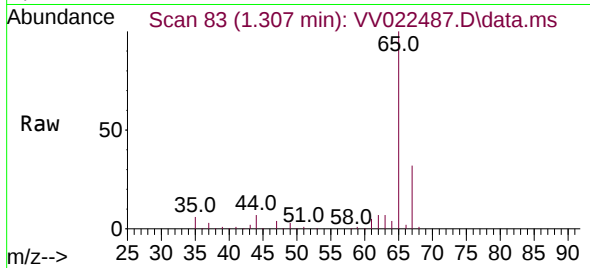




#5
 Vinyl chloride
 Concen: 2.069 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.003 min
 Lab File: VV022487.D
 Acq: 02 Oct 2021 01:16

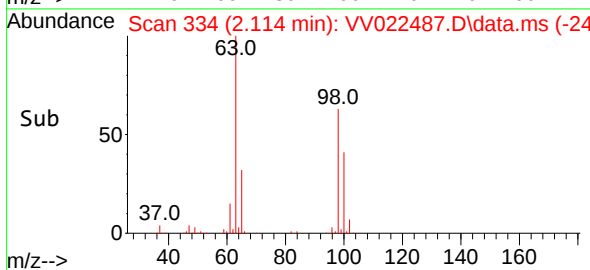
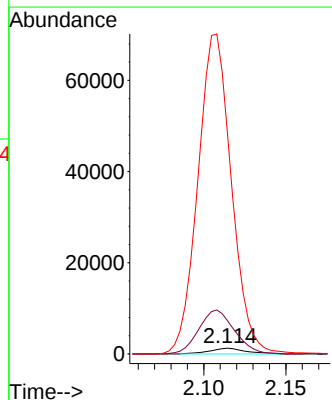
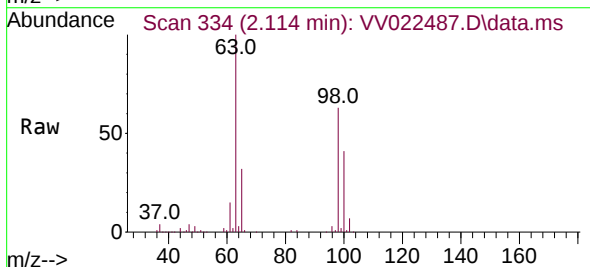
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ4

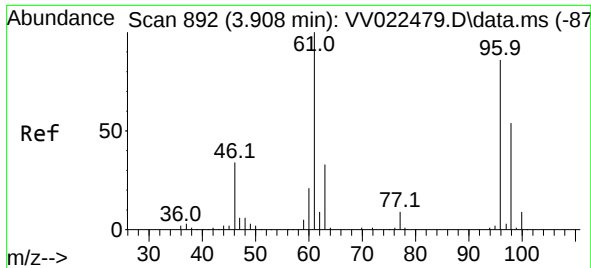
Tgt Ion: 62 Resp: 4610
 Ion Ratio Lower Upper
 62 100
 64 50.3 22.5 41.9#



#12
 1,1-Dichloroethene
 Concen: 1.162 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV022487.D
 Acq: 02 Oct 2021 01:16

Tgt Ion: 96 Resp: 1918
 Ion Ratio Lower Upper
 96 100
 61 578.7 118.0 219.2#
 63 3840.0 86.4 160.4#

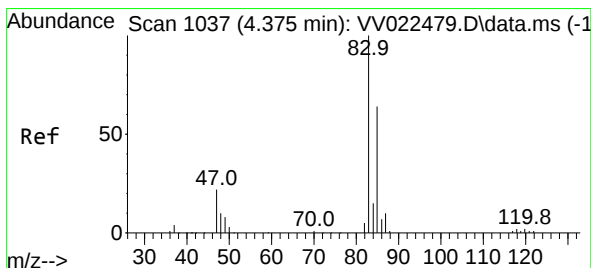
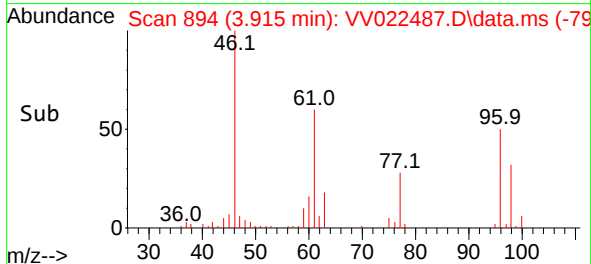
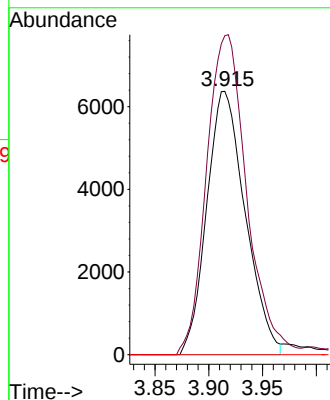
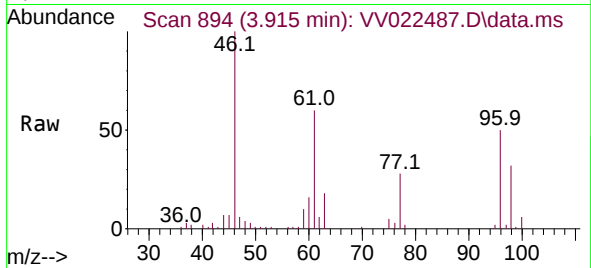




#20
 cis-1,2-Dichloroethene
 Concen: 8.231 ug/L
 RT: 3.915 min Scan# 894
 Delta R.T. 0.006 min
 Lab File: VV022487.D
 Acq: 02 Oct 2021 01:16

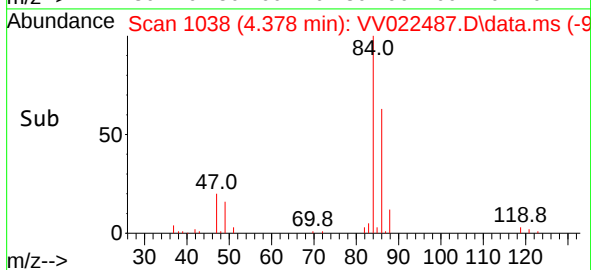
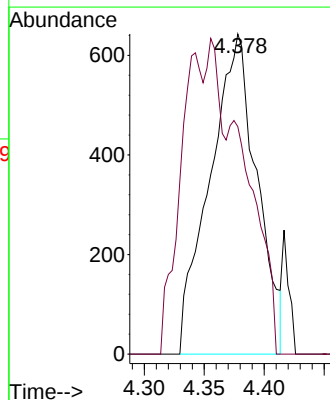
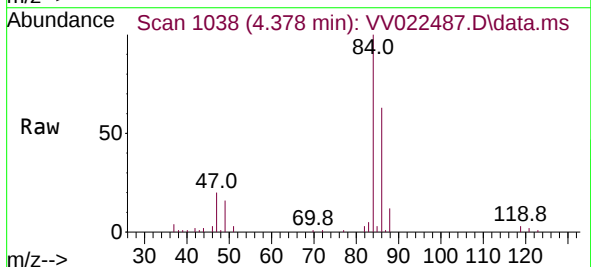
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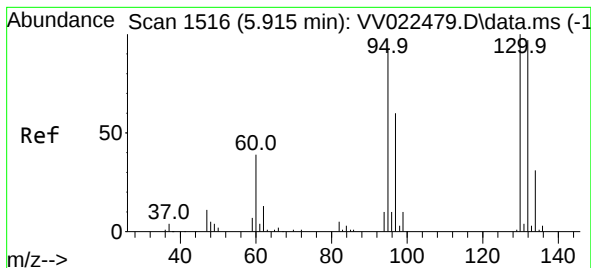
Tgt Ion: 96 Resp: 15892
 Ion Ratio Lower Upper
 96 100
 61 121.1 81.9 152.1
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.542 ug/L
 RT: 4.378 min Scan# 1038
 Delta R.T. 0.003 min
 Lab File: VV022487.D
 Acq: 02 Oct 2021 01:16

Tgt Ion: 83 Resp: 1750
 Ion Ratio Lower Upper
 83 100
 85 71.1 45.8 85.0



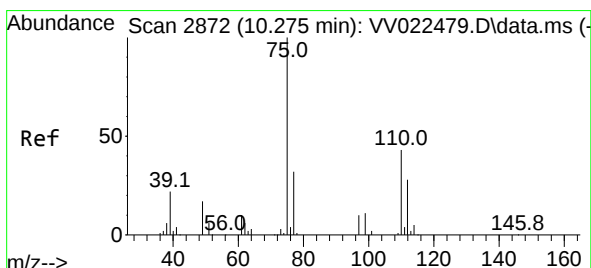
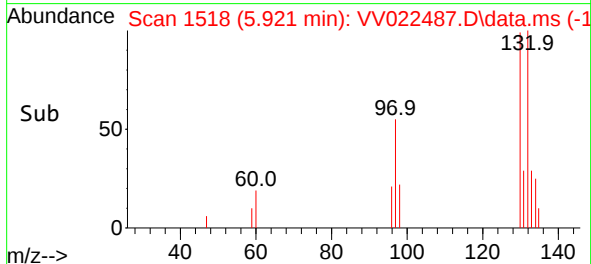
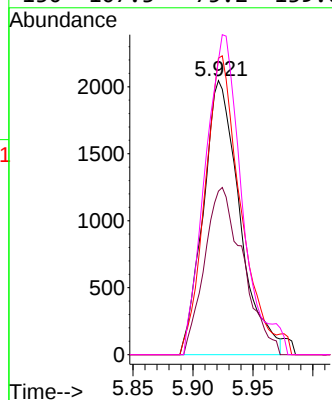
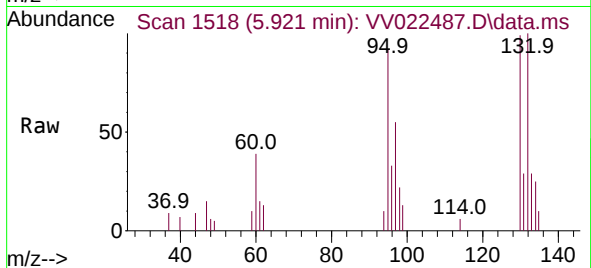


#34
Trichloroethene
Concen: 2.377 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VV022487.D
Acq: 02 Oct 2021 01:16

Instrument :
MSVOA_V
ClientSampled :
C0AJ4

Tgt Ion: 95 Resp: 4316

Ion	Ratio	Lower	Upper
95	100		
97	59.7	45.4	84.4
132	108.2	71.5	132.9
130	107.3	75.2	139.6



#61
1,2,3-Trichloropropane
Concen: 5.404 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022487.D
Acq: 02 Oct 2021 01:16

Tgt Ion: 75 Resp: 10891

Ion	Ratio	Lower	Upper
75	100		
77	34.0	26.0	39.0
110	2.6	34.3	51.5#

