

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021423\
 Data File : VU053101.D
 Acq On : 14 Feb 2023 18:01
 Operator : JC/MD
 Sample : 01488-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Feb 15 00:54:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Feb 15 00:41:46 2023
 Response via : Initial Calibration

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

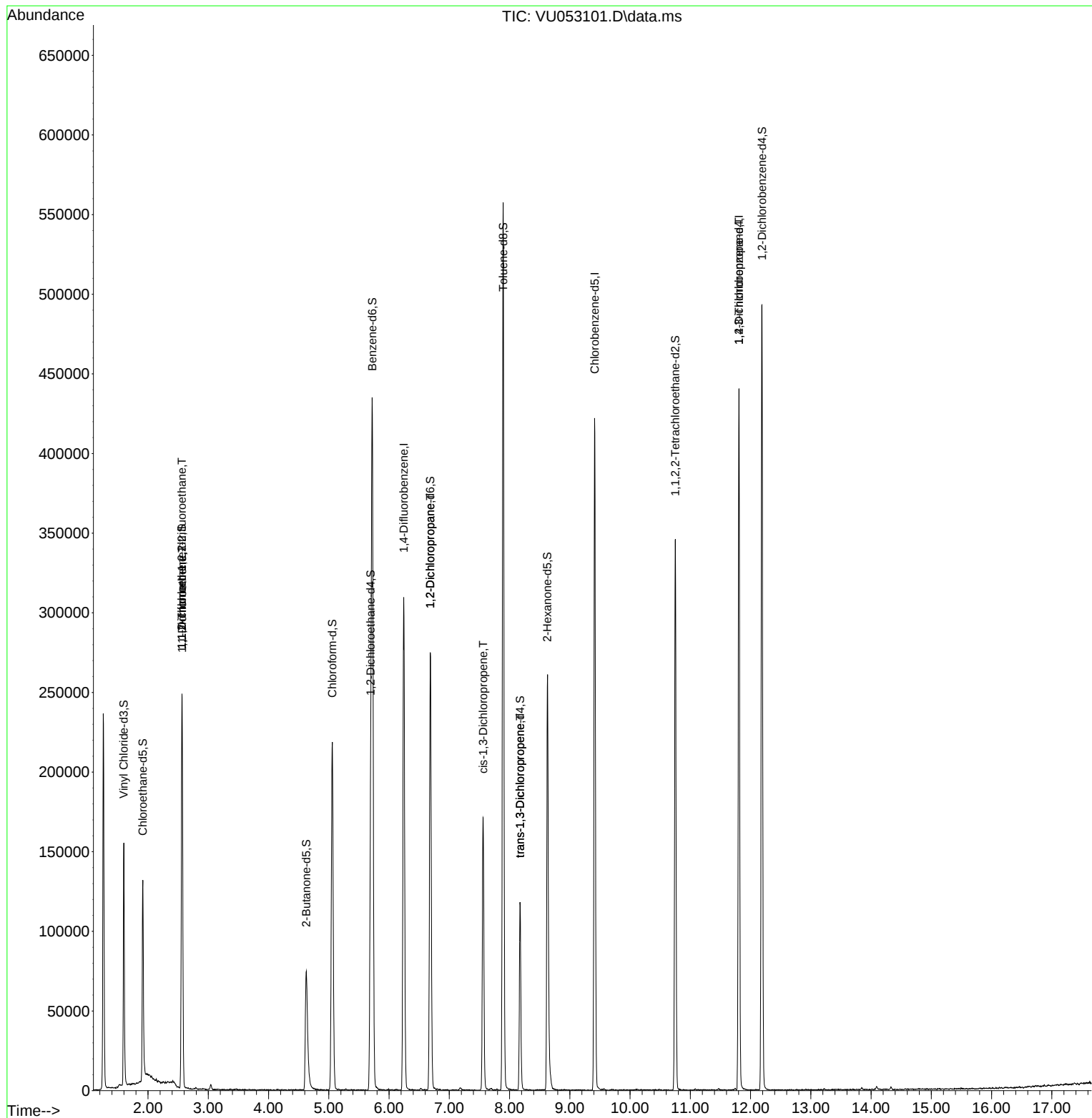
Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	251867	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	227853	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	107650	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	109686	47.407	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	94.820%		
7) Chloroethane-d5	1.913	69	92474	47.223	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.440%		
11) 1,1-Dichloroethene-d2	2.563	63	146526	36.921	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	73.840%		
21) 2-Butanone-d5	4.627	46	122154	101.018	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	101.020%		
24) Chloroform-d	5.058	84	196235	48.078	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.160%		
26) 1,2-Dichloroethane-d4	5.694	65	127340	49.061	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.120%		
32) Benzene-d6	5.723	84	411573	50.634	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.260%		
36) 1,2-Dichloropropane-d6	6.685	67	135479	51.020	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	102.040%		
41) Toluene-d8	7.894	98	374313	49.734	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.460%		
43) trans-1,3-Dichloroprop...	8.173	79	67743	50.090	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	100.180%		
47) 2-Hexanone-d5	8.627	63	92530	100.873	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	100.870%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	173928	49.212	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.420%		
66) 1,2-Dichlorobenzene-d4	12.189	152	121185	50.638	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.280%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.563	101	1308	0.668	ug/L #	25
12) 1,1-Dichloroethene	2.566	96	1233	0.666	ug/L #	1
37) 1,2-Dichloropropane	6.685	63	14328	6.483	ug/L #	90
39) cis-1,3-Dichloropropene	7.563	75	4546	1.253	ug/L #	64
44) trans-1,3-Dichloropropene	8.173	75	3017	0.897	ug/L #	72
60) 1,2,3-Trichloropropane	11.807	75	14550	6.476	ug/L #	69

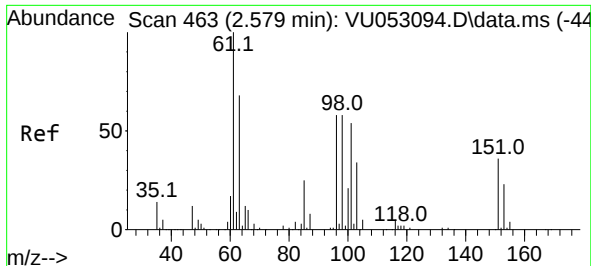
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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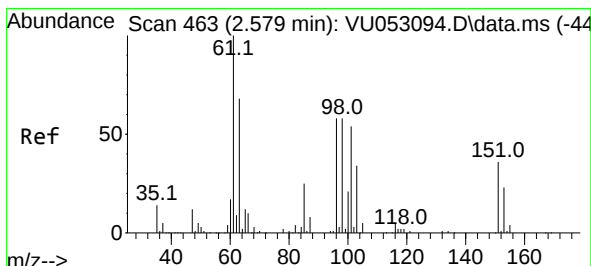
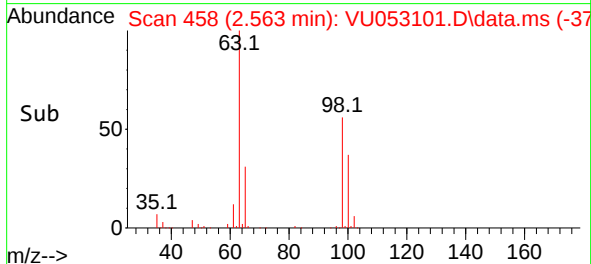
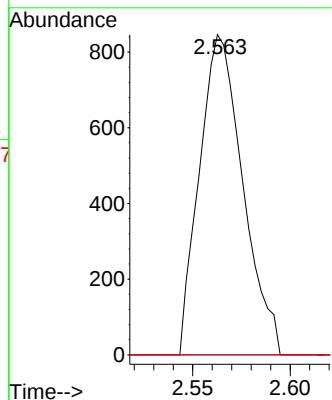
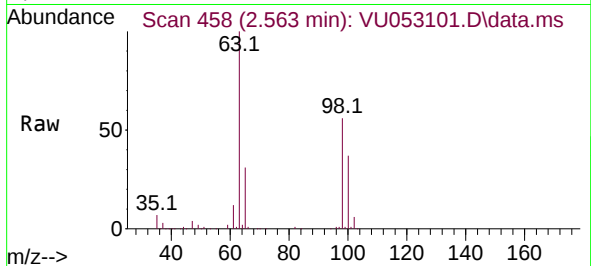




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.668 ug/L
 RT: 2.563 min Scan# 41
 Delta R.T. -0.016 min
 Lab File: VU053101.D
 Acq: 14 Feb 2023 18:01

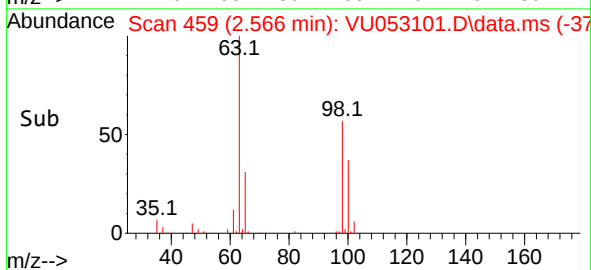
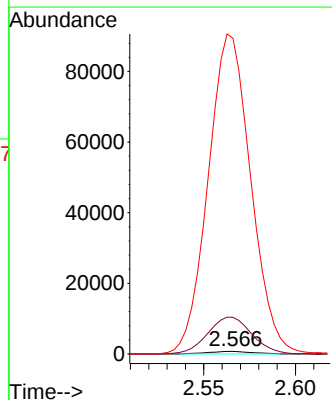
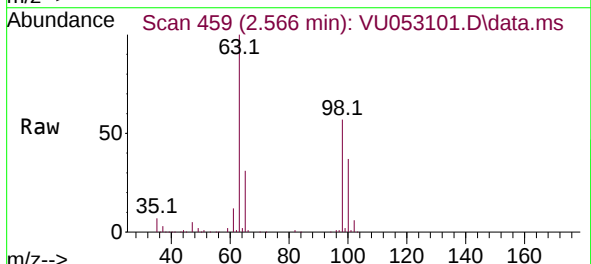
Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

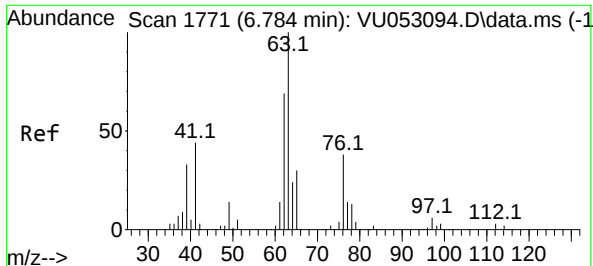
Tgt Ion:101 Resp: 1308
 Ion Ratio Lower Upper
 101 100
 85 3.4 36.6 54.8#
 151 0.0 52.6 79.0#



#12
 1,1-Dichloroethene
 Concen: 0.666 ug/L
 RT: 2.566 min Scan# 459
 Delta R.T. -0.013 min
 Lab File: VU053101.D
 Acq: 14 Feb 2023 18:01

Tgt Ion: 96 Resp: 1233
 Ion Ratio Lower Upper
 96 100
 61 1386.7 121.9 226.3#
 63 11967.9 84.2 156.4#





#37

1,2-Dichloropropane

Concen: 6.483 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU053101.D

Acq: 14 Feb 2023 18:01

Instrument :

MSVOA_U

ClientSampleId :

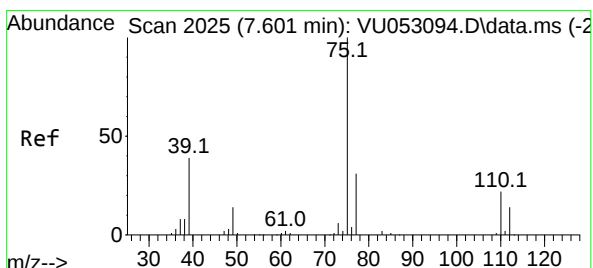
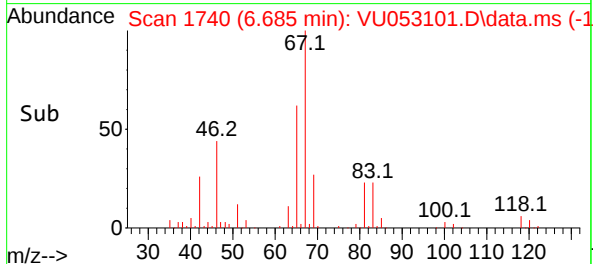
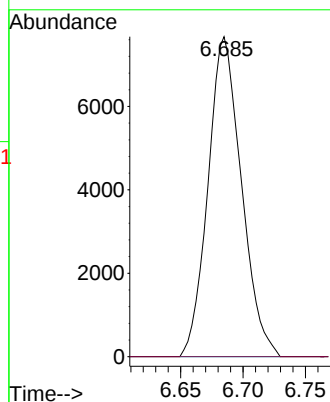
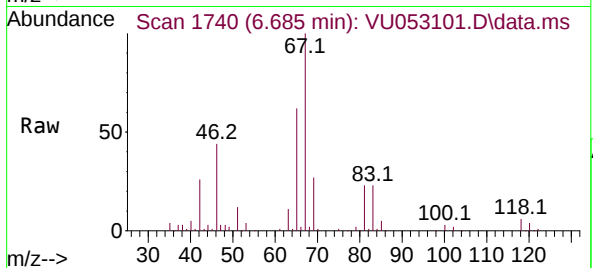
VHBLK001

Tgt Ion: 63 Resp: 14328

Ion Ratio Lower Upper

63 100

112 0.0 2.7 4.1#



#39

cis-1,3-Dichloropropene

Concen: 1.253 ug/L

RT: 7.563 min Scan# 2013

Delta R.T. -0.039 min

Lab File: VU053101.D

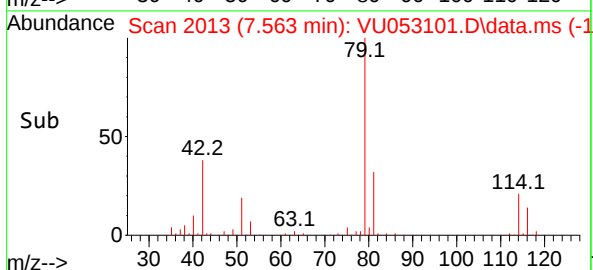
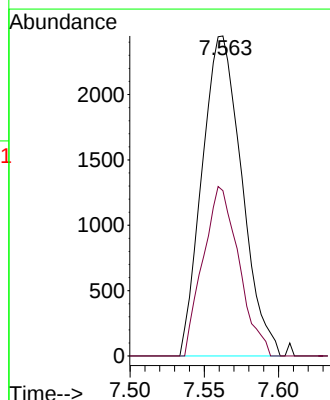
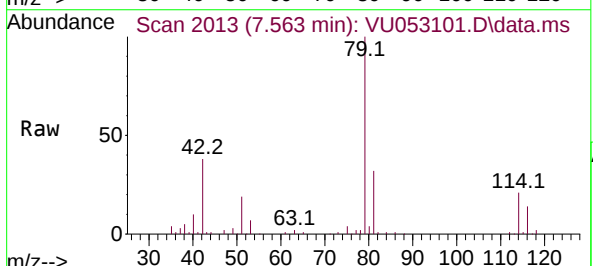
Acq: 14 Feb 2023 18:01

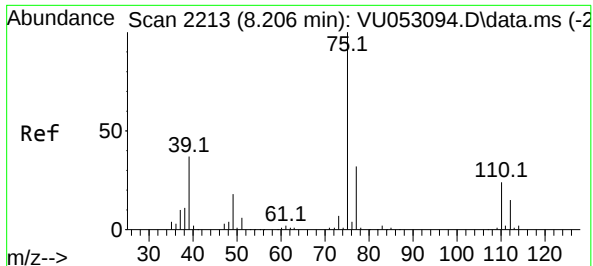
Tgt Ion: 75 Resp: 4546

Ion Ratio Lower Upper

75 100

77 51.7 22.2 41.2#

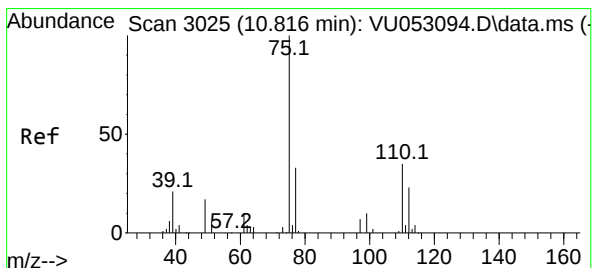
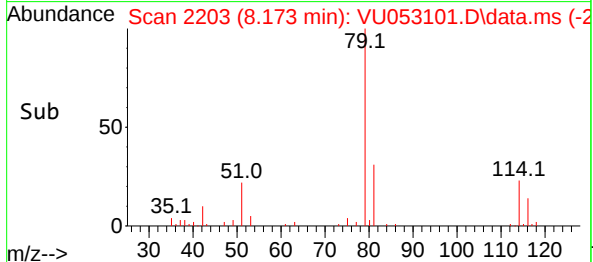
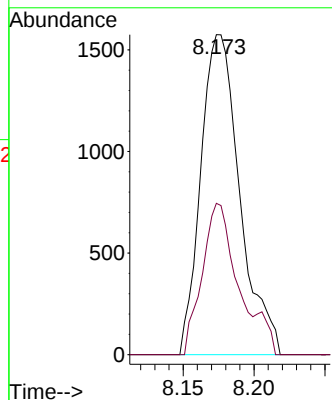
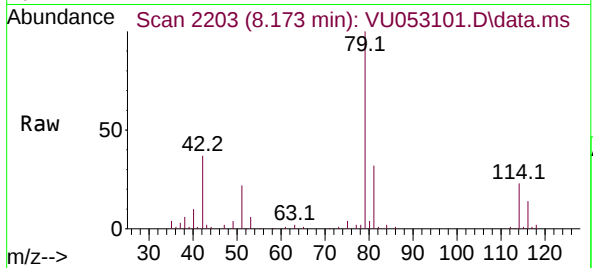




#44
trans-1,3-Dichloropropene
Concen: 0.897 ug/L
RT: 8.173 min Scan# 21
Delta R.T. -0.033 min
Lab File: VU053101.D
Acq: 14 Feb 2023 18:01

Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

Tgt Ion: 75 Resp: 3017
Ion Ratio Lower Upper
75 100
77 47.3 22.2 41.2#



#60
1,2,3-Trichloropropane
Concen: 6.476 ug/L
RT: 11.807 min Scan# 3333
Delta R.T. 0.990 min
Lab File: VU053101.D
Acq: 14 Feb 2023 18:01

Tgt Ion: 75 Resp: 14550
Ion Ratio Lower Upper
75 100
77 31.0 26.6 39.8
110 2.5 28.6 42.8#

