

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082622\
 Data File : VU050462.D
 Acq On : 26 Aug 2022 17:13
 Operator : SY/MD
 Sample : N4322-25
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY180

Quant Time: Aug 27 02:48:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM082422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 27 02:44:18 2022
 Response via : Initial Calibration

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

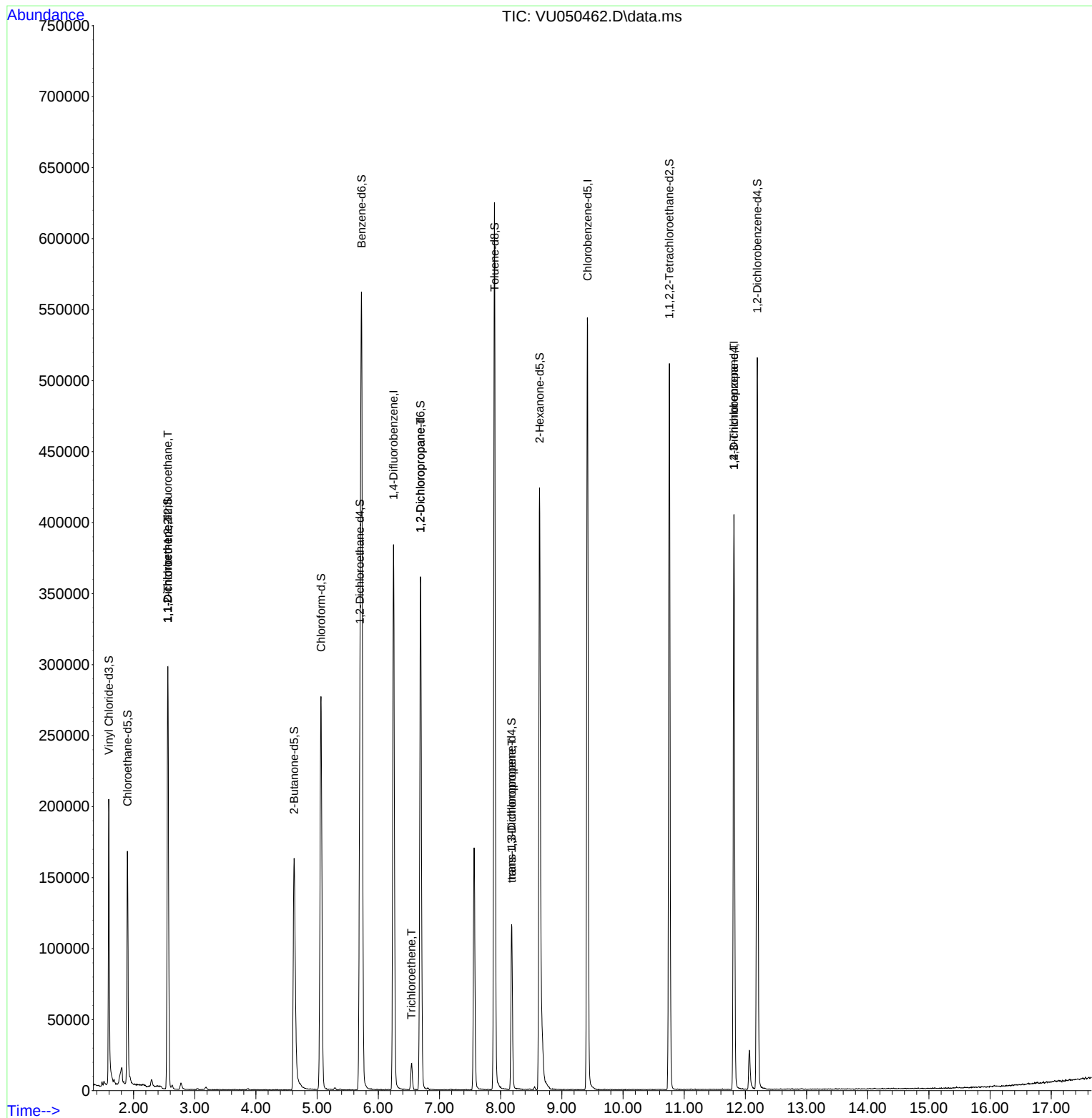
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	309018	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	307020	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	110780	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	159230	43.578	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.160%
7) Chloroethane-d5	1.900	69	128190	47.413	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.820%
11) 1,1-Dichloroethene-d2	2.559	63	179152	34.694	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.380%
21) 2-Butanone-d5	4.623	46	235831	98.606	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.610%
24) Chloroform-d	5.063	84	260010	44.329	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.660%
26) 1,2-Dichloroethane-d4	5.700	65	169859	46.595	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.200%
32) Benzene-d6	5.726	84	522407	46.050	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.100%
36) 1,2-Dichloropropane-d6	6.690	67	177006	47.100	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.200%
41) Toluene-d8	7.899	98	421102	42.422	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.840%
43) trans-1,3-Dichloroprop...	8.179	79	66429	42.375	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.740%
47) 2-Hexanone-d5	8.636	63	135577	97.212	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.210%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	261976	45.195	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	137985	52.143	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.280%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	1667	0.777	ug/L #	21
12) 1,1-Dichloroethene	2.559	96	1528	0.806	ug/L #	1
34) Trichloroethene	6.542	95	6289	2.858	ug/L	93
37) 1,2-Dichloropropane	6.690	63	19148	7.092	ug/L #	90
44) trans-1,3-Dichloropropene	8.182	75	2894	0.876	ug/L #	82
60) 1,2,3-Trichloropropane	11.812	75	13258	4.644	ug/L #	69

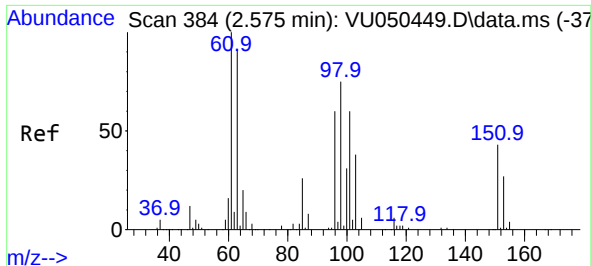
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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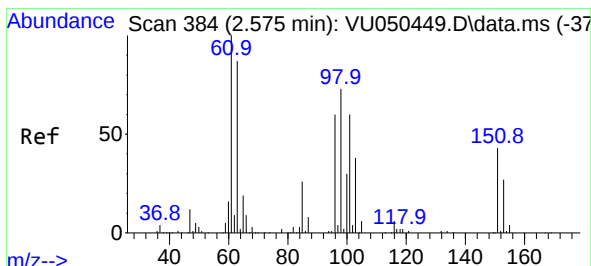
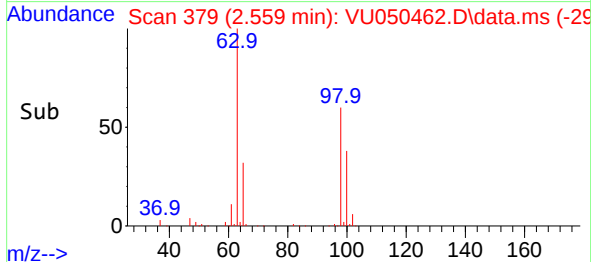
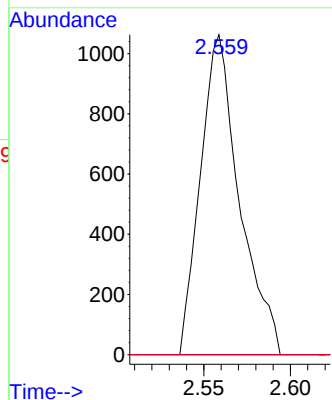
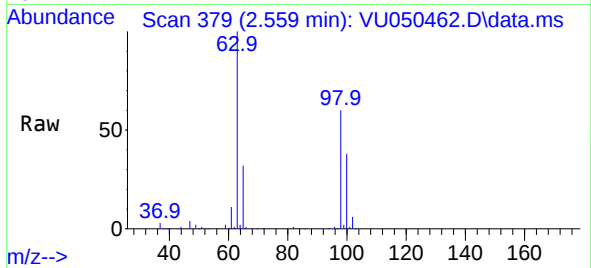




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.777 ug/L
RT: 2.559 min Scan# 379
Delta R.T. -0.016 min
Lab File: VU050462.D
Acq: 26 Aug 2022 17:13

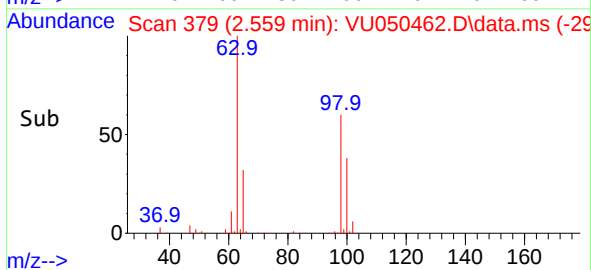
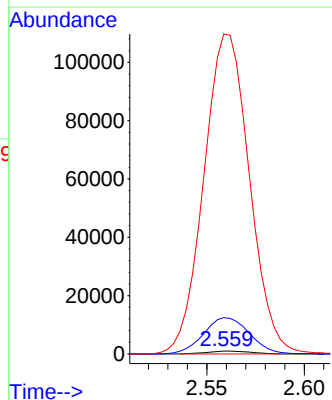
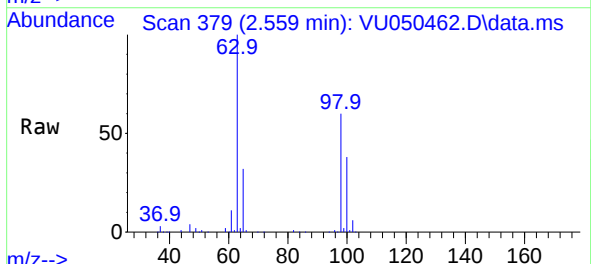
Instrument :
MSVOA_U
ClientSampleId :
EY180

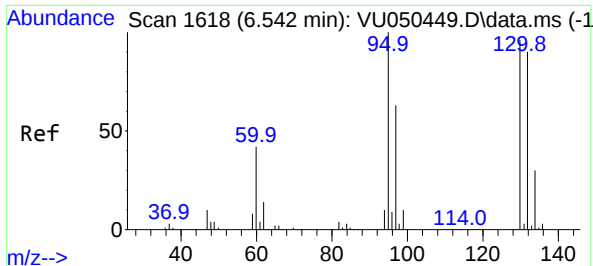
Tgt Ion:101 Resp: 1667
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 57.3 85.9#



#12
1,1-Dichloroethene
Concen: 0.806 ug/L
RT: 2.559 min Scan# 379
Delta R.T. -0.016 min
Lab File: VU050462.D
Acq: 26 Aug 2022 17:13

Tgt Ion: 96 Resp: 1528
Ion Ratio Lower Upper
96 100
61 857.1 116.8 216.8#
63 7562.8 97.4 180.8#



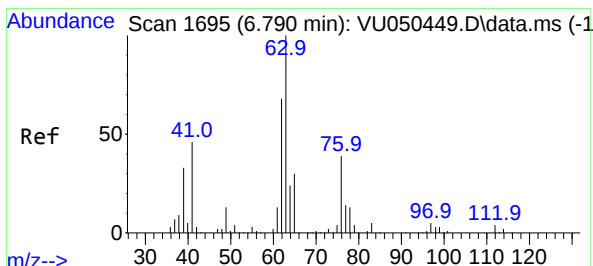
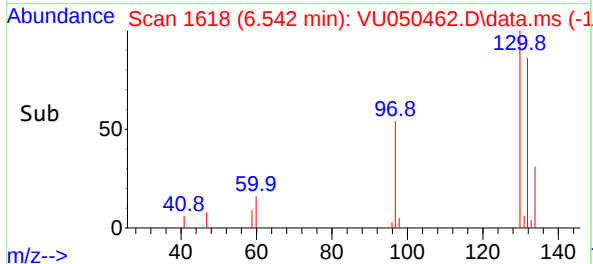
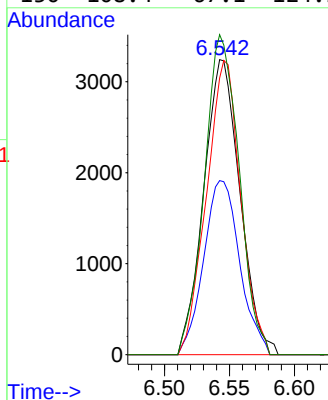
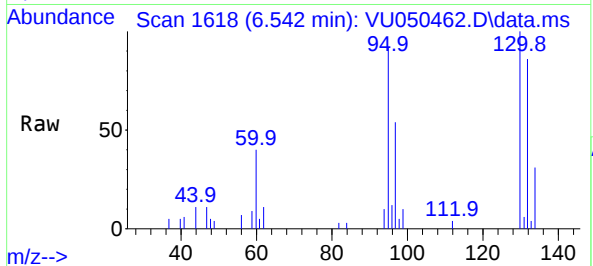


#34
 Trichloroethene
 Concen: 2.858 ug/L
 RT: 6.542 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VU050462.D
 Acq: 26 Aug 2022 17:13

Instrument :
 MSVOA_U
 ClientSampleId :
 EY180

Tgt Ion: 95 Resp: 6289

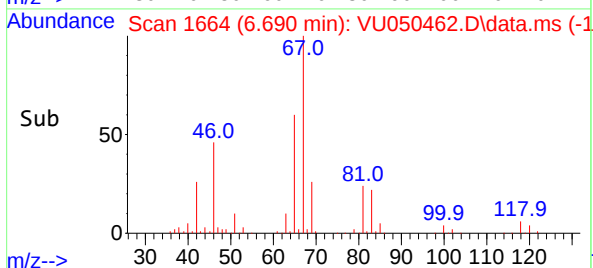
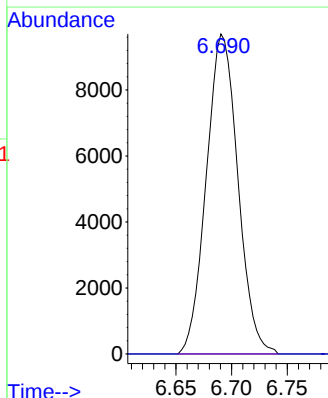
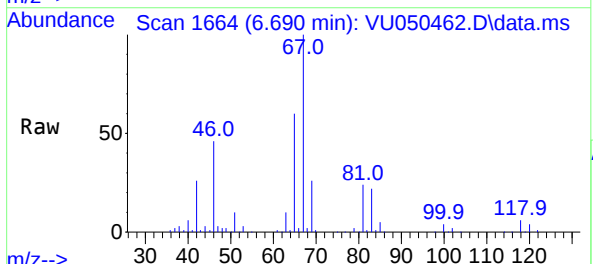
Ion	Ratio	Lower	Upper
95	100		
97	59.0	45.2	84.0
132	93.8	64.4	119.6
130	108.4	67.1	124.5

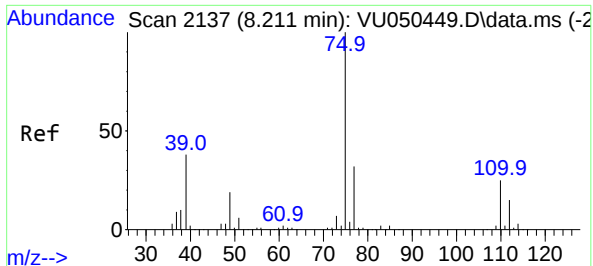


#37
 1,2-Dichloropropane
 Concen: 7.092 ug/L
 RT: 6.690 min Scan# 1664
 Delta R.T. -0.100 min
 Lab File: VU050462.D
 Acq: 26 Aug 2022 17:13

Tgt Ion: 63 Resp: 19148

Ion	Ratio	Lower	Upper
63	100		
112	0.4	3.0	4.4#

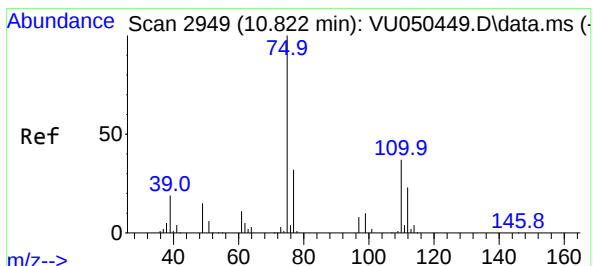
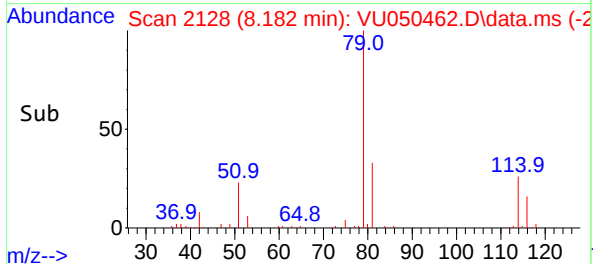
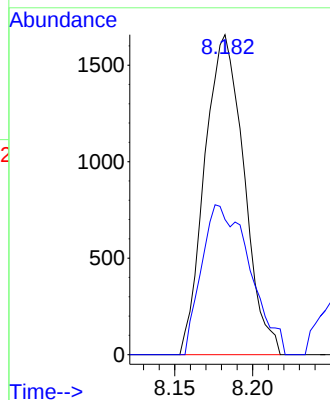
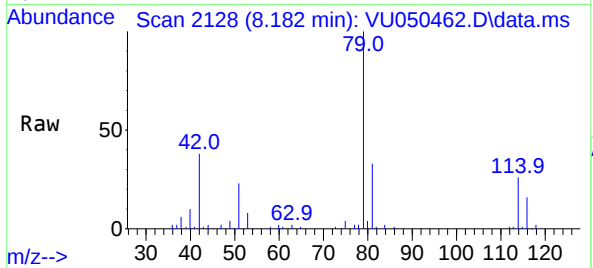




#44
trans-1,3-Dichloropropene
Concen: 0.876 ug/L
RT: 8.182 min Scan# 2137
Delta R.T. -0.029 min
Lab File: VU050462.D
Acq: 26 Aug 2022 17:13

Instrument :
MSVOA_U
ClientSampleId :
EY180

Tgt Ion: 75 Resp: 2894
Ion Ratio Lower Upper
75 100
77 42.2 22.5 41.7#



#60
1,2,3-Trichloropropane
Concen: 4.644 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.990 min
Lab File: VU050462.D
Acq: 26 Aug 2022 17:13

Tgt Ion: 75 Resp: 13258
Ion Ratio Lower Upper
75 100
77 32.0 25.7 38.5
110 1.8 29.0 43.4#

