

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092623\
 Data File : VU055530.D
 Acq On : 26 Sep 2023 21:28
 Operator : MD/SY
 Sample : 04530-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 27 06:20:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 06:19:47 2023
 Response via : Initial Calibration

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

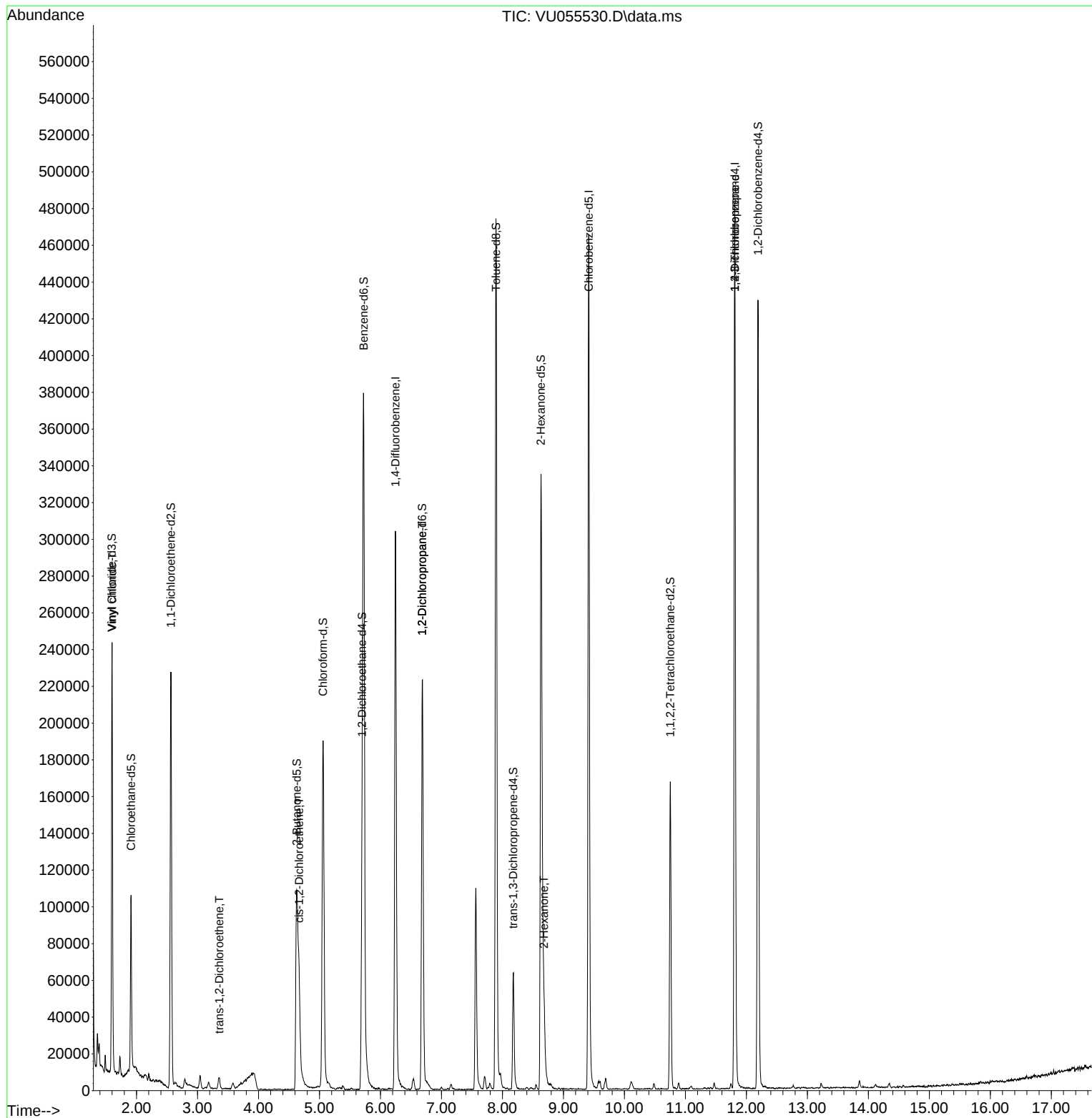
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	260784	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	271162	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	135591	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	95619	3.628	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.600%
7) Chloroethane-d5	1.911	69	66781	2.875	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	57.600%#
11) 1,1-Dichloroethene-d2	2.563	65	42205	3.890	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.800%
20) 2-Butanone-d5	4.628	46	185472	38.959	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.920%
24) Chloroform-d	5.058	84	188717	3.958	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.200%
26) 1,2-Dichloroethane-d4	5.698	65	87401	3.811	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.200%
32) Benzene-d6	5.724	84	381974	4.027	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.600%
36) 1,2-Dichloropropane-d6	6.685	67	115718	4.083	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.600%
41) Toluene-d8	7.894	98	338353	3.914	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
43) trans-1,3-Dichloroprop...	8.177	79	40969	4.120	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.631	63	108946	36.016	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.040%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	87457	4.118	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	121256	4.431	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	81865	3.397	ug/L	97
18) trans-1,2-Dichloroethene	3.358	96	2868	0.156	ug/L	88
22) cis-1,2-Dichloroethene	4.666	96	21308	1.000	ug/L	96
37) 1,2-Dichloropropane	6.685	63	12065	0.591	ug/L #	88
48) 2-Hexanone	8.682	43	23149	3.226	ug/L	99
61) 1,2,3-Trichloropropane	11.811	75	15105	1.427	ug/L #	67

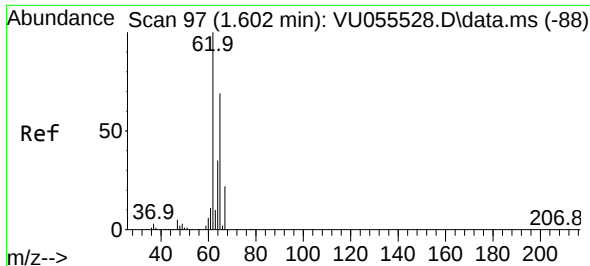
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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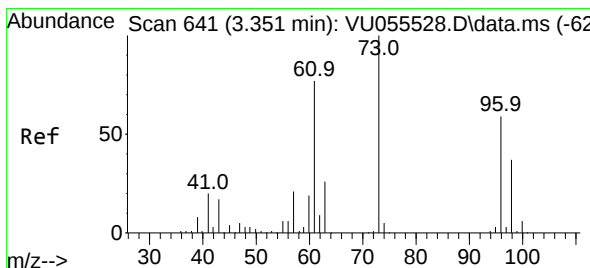
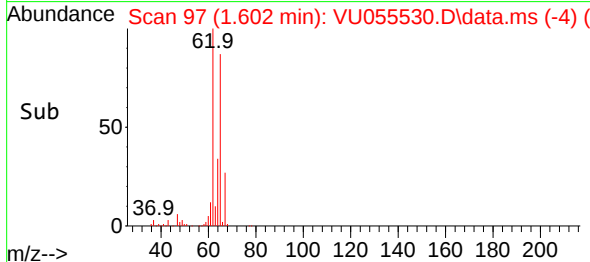
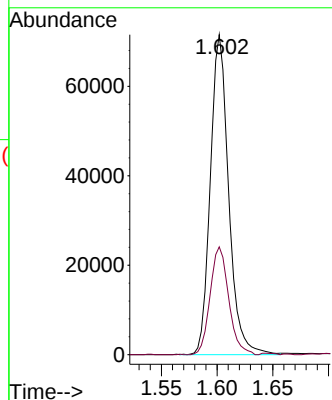
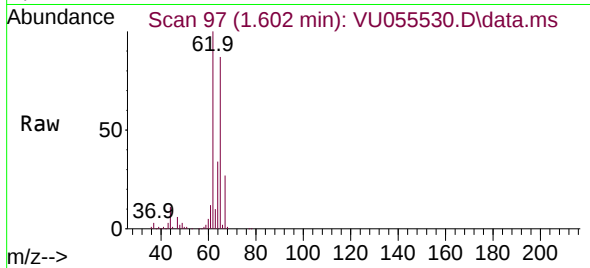




#5
 Vinyl chloride
 Concen: 3.397 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU055530.D
 Acq: 26 Sep 2023 21:28

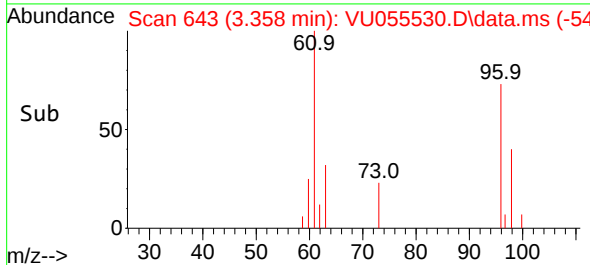
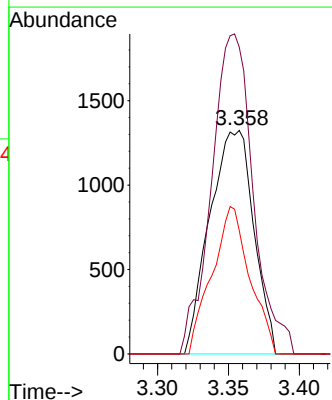
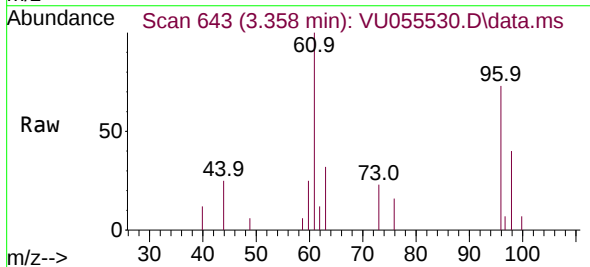
Instrument :
 MSVOA_U
 ClientSampleId :

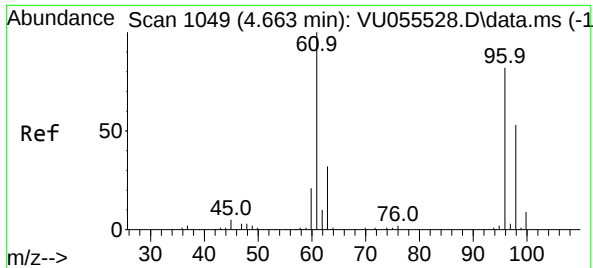
Tgt Ion: 62 Resp: 81865
 Ion Ratio Lower Upper
 62 100
 64 33.7 22.3 41.5



#18
 trans-1,2-Dichloroethene
 Concen: 0.156 ug/L
 RT: 3.358 min Scan# 643
 Delta R.T. 0.006 min
 Lab File: VU055530.D
 Acq: 26 Sep 2023 21:28

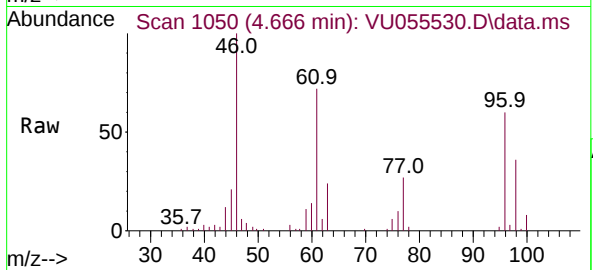
Tgt Ion: 96 Resp: 2868
 Ion Ratio Lower Upper
 96 100
 61 125.5 94.6 175.6
 98 50.5 45.7 84.9



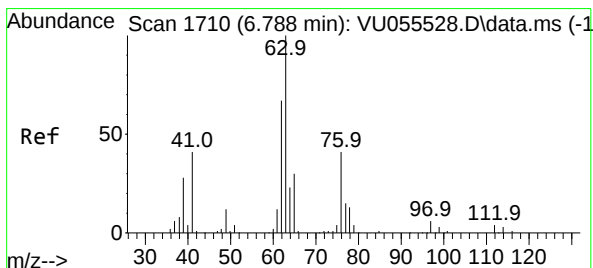
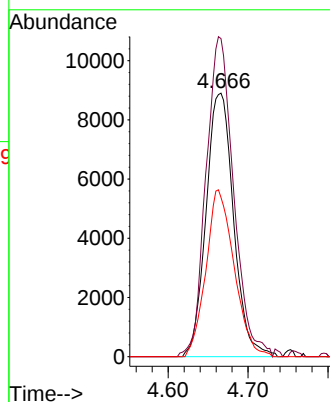
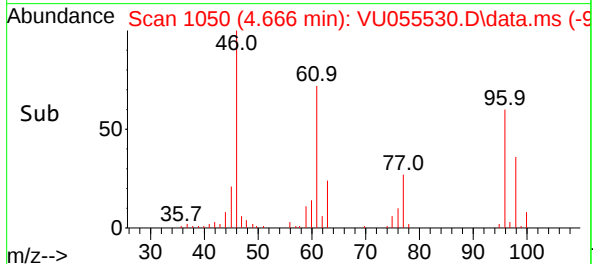


#22
 cis-1,2-Dichloroethene
 Concen: 1.000 ug/L
 RT: 4.666 min Scan# 1049
 Delta R.T. 0.003 min
 Lab File: VU055530.D
 Acq: 26 Sep 2023 21:28

Instrument :
 MSVOA_U
 ClientSampleId :

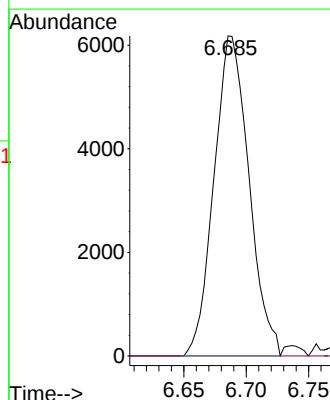
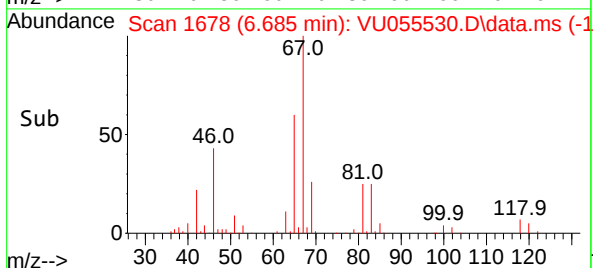
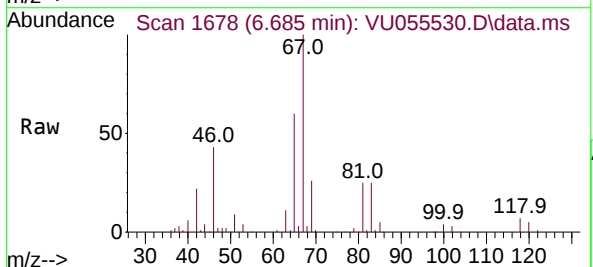


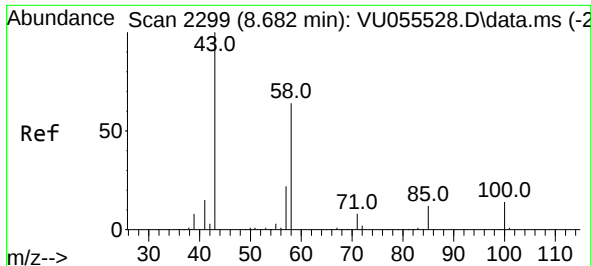
Tgt Ion: 96 Resp: 21308
 Ion Ratio Lower Upper
 96 100
 61 120.7 87.8 163.2
 98 60.4 44.4 82.4



#37
 1,2-Dichloropropane
 Concen: 0.591 ug/L
 RT: 6.685 min Scan# 1678
 Delta R.T. -0.103 min
 Lab File: VU055530.D
 Acq: 26 Sep 2023 21:28

Tgt Ion: 63 Resp: 12065
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#

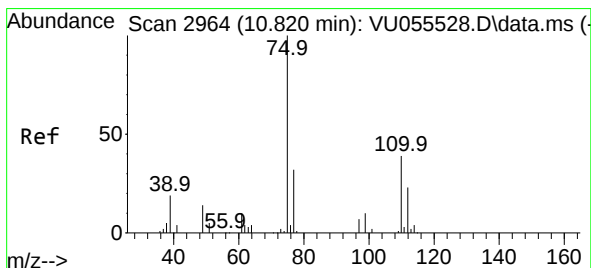
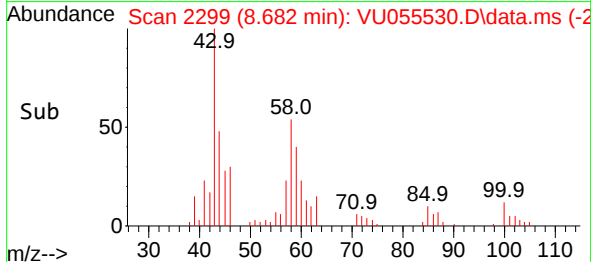
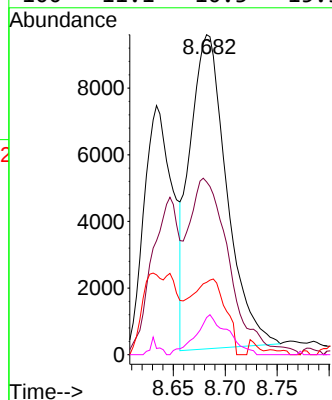
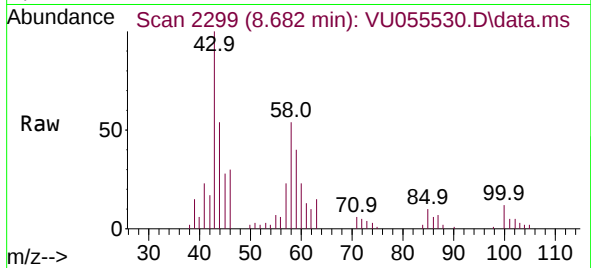




#48
2-Hexanone
Concen: 3.226 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU055530.D
Acq: 26 Sep 2023 21:28

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Tgt Ion: 43	Resp: 23149
Ion Ratio	Lower Upper
43 100	
58 60.5	48.5 72.7
57 21.0	17.0 25.4
100 11.1	10.3 15.5



#61
1,2,3-Trichloropropane
Concen: 1.427 ug/L
RT: 11.811 min Scan# 3272
Delta R.T. 0.990 min
Lab File: VU055530.D
Acq: 26 Sep 2023 21:28

Tgt Ion: 75	Resp: 15105
Ion Ratio	Lower Upper
75 100	
110 2.8	30.6 45.8#
77 35.6	26.7 40.1

