

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU063023\
 Data File : VU054721.D
 Acq On : 30 Jun 2023 14:41
 Operator : MD/SY
 Sample : 03477-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Jul 03 06:45:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jul 03 06:42:02 2023
 Response via : Initial Calibration

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

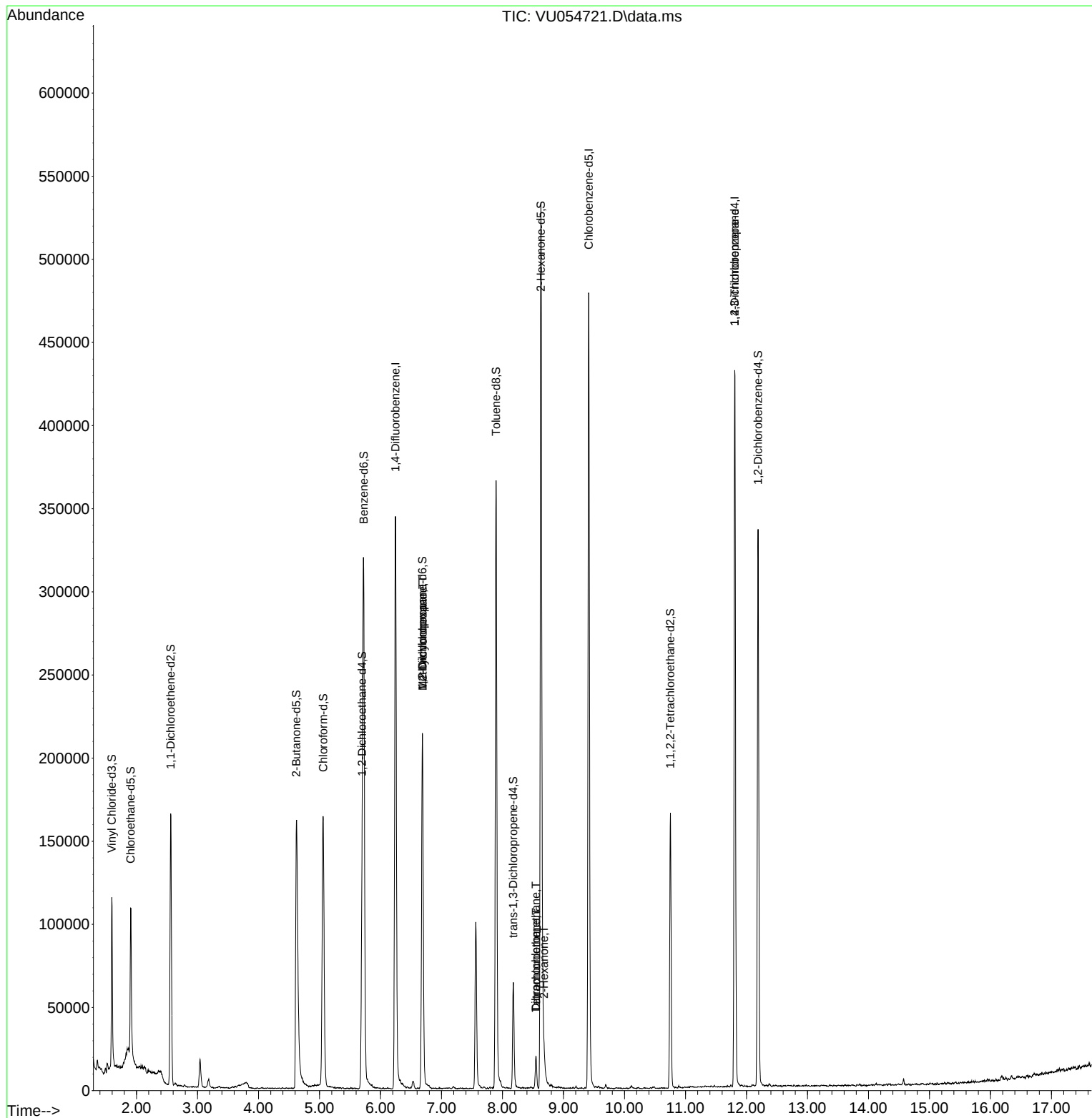
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	274767	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	266290	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	116119	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	78575	4.493	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.800%
7) Chloroethane-d5	1.904	69	71880	4.390	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.560	65	31807	4.073	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.400%
20) 2-Butanone-d5	4.621	46	263913	53.679	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.360%
24) Chloroform-d	5.058	84	154791	4.235	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
26) 1,2-Dichloroethane-d4	5.698	65	82401	4.625	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.724	84	296978	4.012	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
36) 1,2-Dichloropropane-d6	6.685	67	105437	4.265	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.400%
41) Toluene-d8	7.894	98	243970	3.714	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.200%
43) trans-1,3-Dichloroprop...	8.177	79	38188	4.442	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.631	63	173056	47.983	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.960%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	85303	4.627	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	87834	4.485	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						Qvalue
35) Methylcyclohexane	6.689	83	23202	0.607	ug/L #	17
37) 1,2-Dichloropropane	6.689	63	10900	0.421	ug/L #	90
47) Tetrachloroethene	8.550	164	4304	0.222	ug/L	86
48) 2-Hexanone	8.682	43	7812	0.759	ug/L #	77
49) Dibromochloromethane	8.547	129	3954	0.229	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	14683	1.251	ug/L #	68

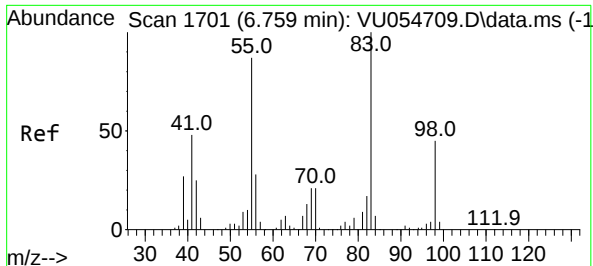
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.607 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU054721.D

Acq: 30 Jun 2023 14:41

Instrument :

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ClientSampleId :

VHBLK001

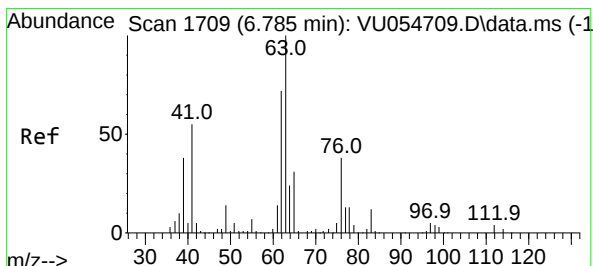
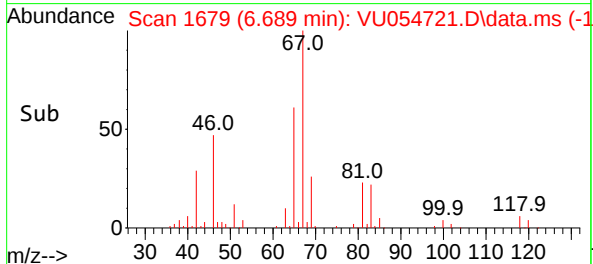
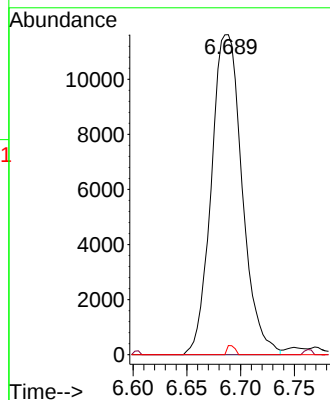
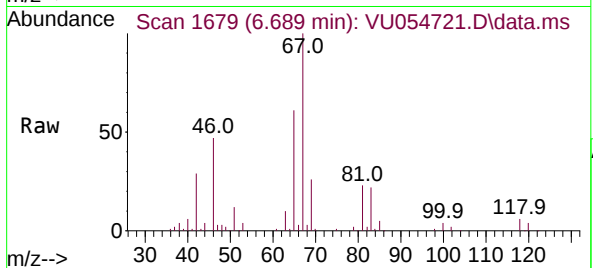
Tgt Ion: 83 Resp: 23202

Ion Ratio Lower Upper

83 100

55 0.4 67.1 100.7#

98 0.7 35.1 52.7#



#37

1,2-Dichloropropane

Concen: 0.421 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.096 min

Lab File: VU054721.D

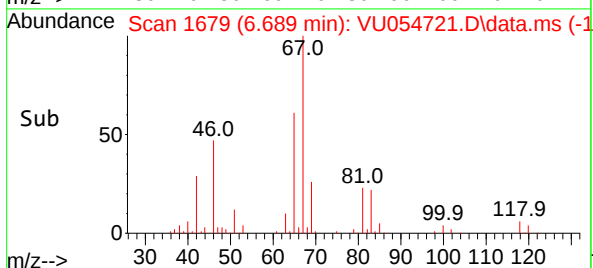
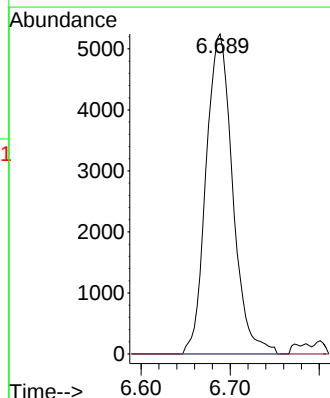
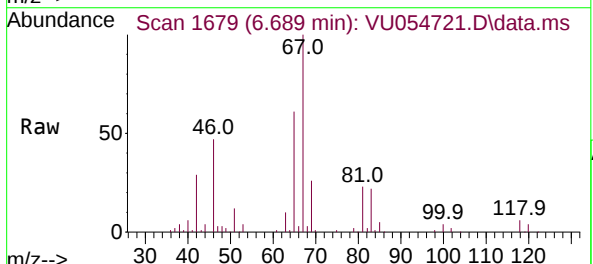
Acq: 30 Jun 2023 14:41

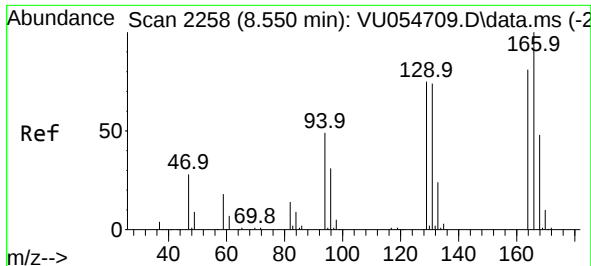
Tgt Ion: 63 Resp: 10900

Ion Ratio Lower Upper

63 100

112 0.7 3.0 4.6#





#47

Tetrachloroethene

Concen: 0.222 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.000 min

Lab File: VU054721.D

Acq: 30 Jun 2023 14:41

Instrument :

MSVOA_U

ClientSampleId :

VHBLK001

Tgt Ion:164 Resp: 4304

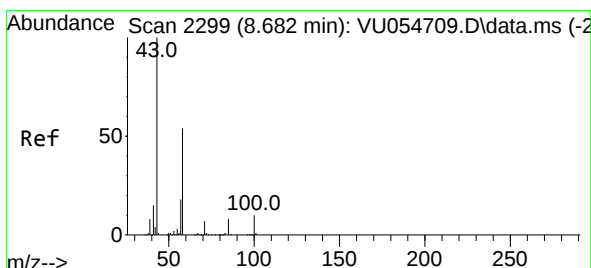
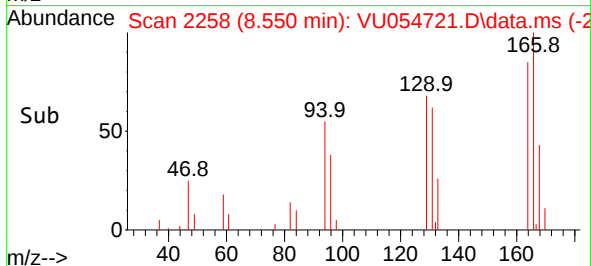
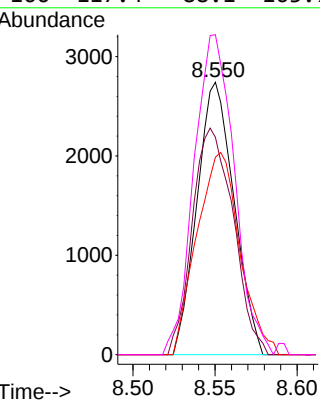
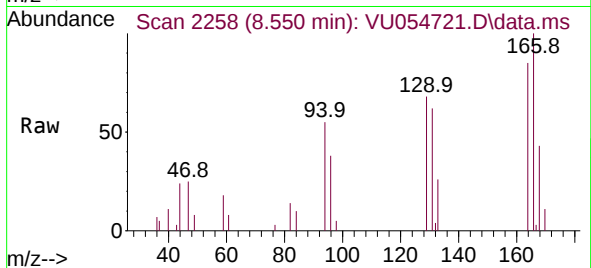
Ion Ratio Lower Upper

164 100

129 79.8 67.7 125.7

131 72.5 64.6 120.0

166 117.4 88.1 163.7



#48

2-Hexanone

Concen: 0.759 ug/L

RT: 8.682 min Scan# 2299

Delta R.T. 0.000 min

Lab File: VU054721.D

Acq: 30 Jun 2023 14:41

Tgt Ion: 43 Resp: 7812

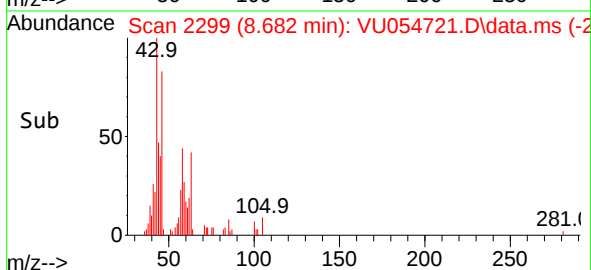
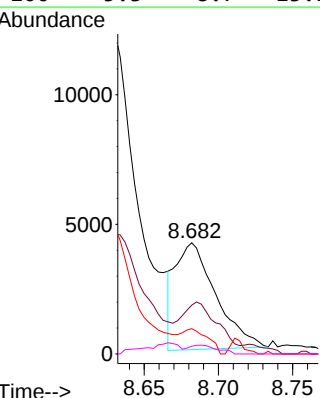
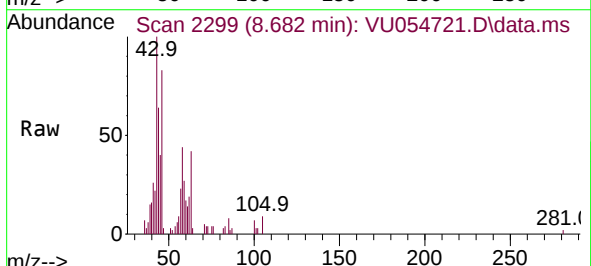
Ion Ratio Lower Upper

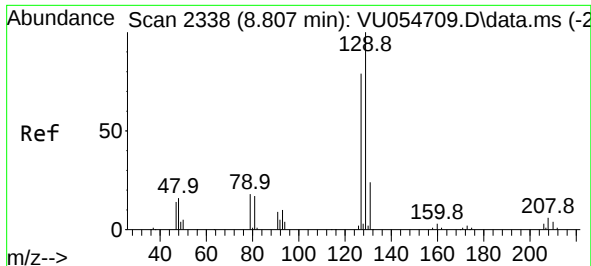
43 100

58 35.1 45.2 67.8#

57 14.8 15.8 23.6#

100 5.3 8.7 13.1#

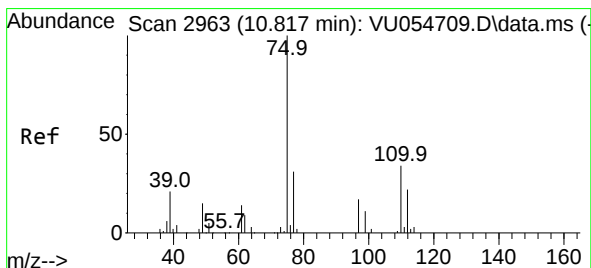
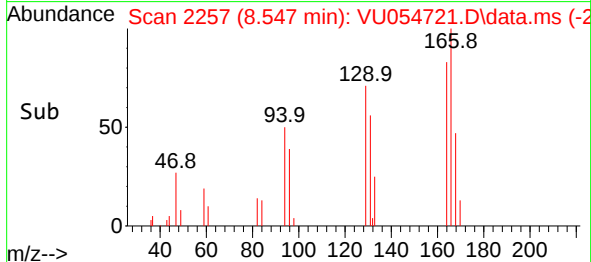
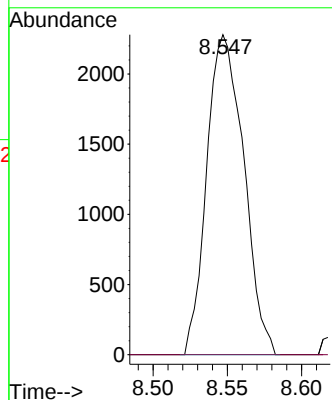
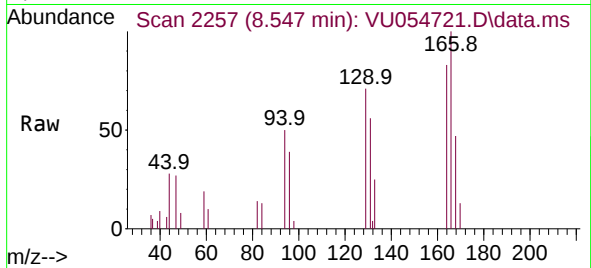




#49
Dibromochloromethane
Concen: 0.229 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.260 min
Lab File: VU054721.D
Acq: 30 Jun 2023 14:41

Instrument :
MSVOA_U
ClientSampleId :
VHBLK001

Tgt Ion:129 Resp: 3954
Ion Ratio Lower Upper
129 100
127 0.0 53.2 98.8#



#61
1,2,3-Trichloropropane
Concen: 1.251 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU054721.D
Acq: 30 Jun 2023 14:41

Tgt Ion: 75 Resp: 14683
Ion Ratio Lower Upper
75 100
110 1.6 28.0 42.0#
77 33.5 25.4 38.2

