

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041723\
 Data File : VU053734.D
 Acq On : 17 Apr 2023 18:08
 Operator : JC/MD
 Sample : 02340-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE02

Quant Time: Apr 18 00:22:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 18 00:19:36 2023
 Response via : Initial Calibration

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

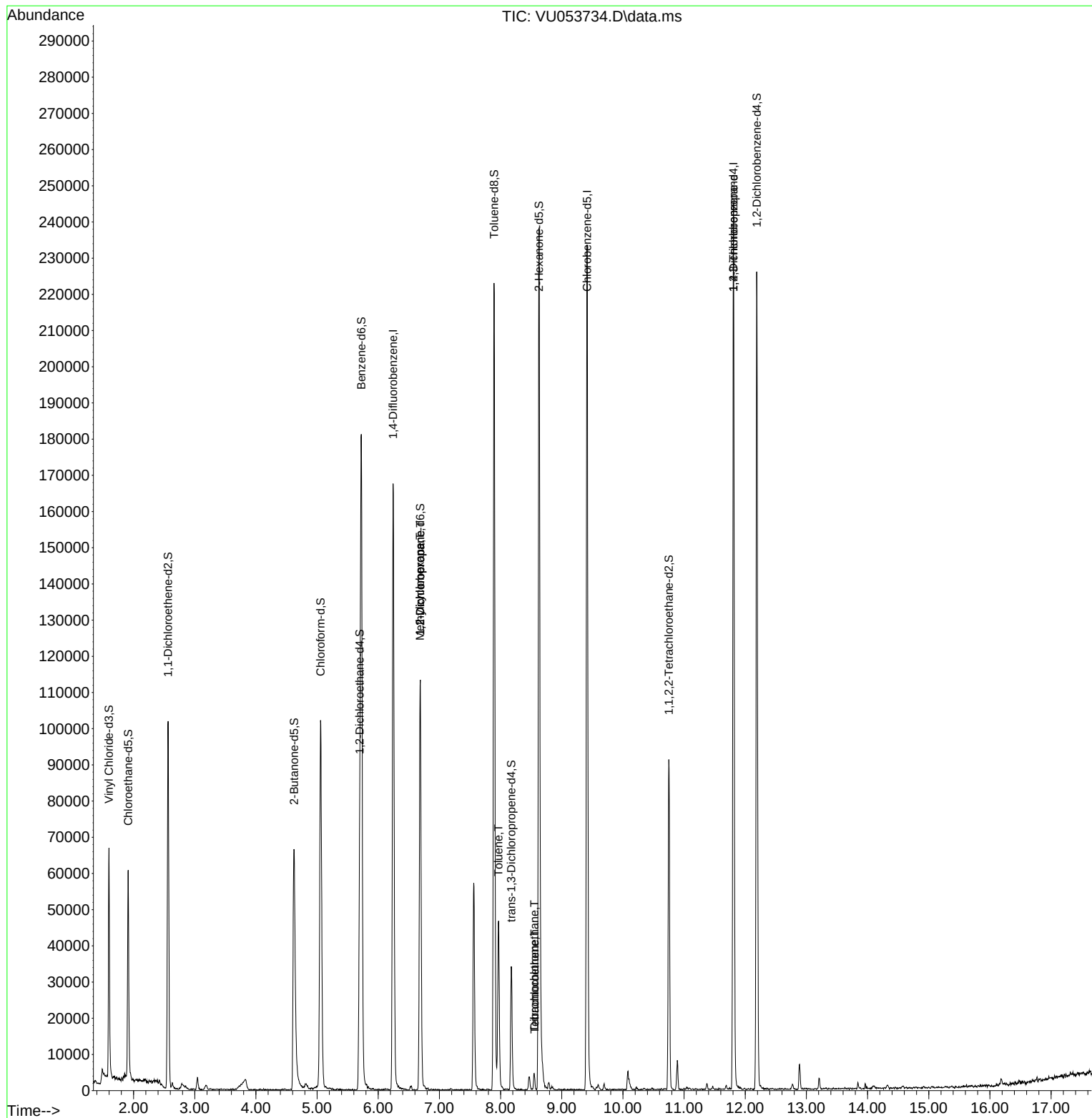
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	146149	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	136693	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	67121	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	50796	5.052	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	101.000%	
7) Chloroethane-d5	1.912	69	44281	4.853	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.000%	
11) 1,1-Dichloroethene-d2	2.565	65	19389	4.527	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.600%	
20) 2-Butanone-d5	4.623	46	99754	43.310	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	86.620%	
24) Chloroform-d	5.057	84	89948	4.826	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.600%	
26) 1,2-Dichloroethane-d4	5.697	65	44993	4.710	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.200%	
32) Benzene-d6	5.723	84	179090	4.623	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.400%	
36) 1,2-Dichloropropane-d6	6.687	67	54813	4.643	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	92.800%	
41) Toluene-d8	7.893	98	160157	4.382	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.600%	
43) trans-1,3-Dichloroprop...	8.176	79	20474	4.520	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.400%	
46) 2-Hexanone-d5	8.629	63	86239	46.871	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.740%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	45530	4.634	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.600%	
66) 1,2-Dichlorobenzene-d4	12.189	152	60566	5.016	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.400%	
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.684	83	13394	0.800	ug/L #	22
37) 1,2-Dichloropropane	6.687	63	6406	0.662	ug/L #	89
42) Toluene	7.967	91	36950	0.923	ug/L	93
47) Tetrachloroethene	8.558	164	1008	0.141	ug/L #	58
49) Dibromochloromethane	8.552	129	941	0.139	ug/L #	12
61) 1,2,3-Trichloropropane	11.806	75	8282	1.489	ug/L #	66

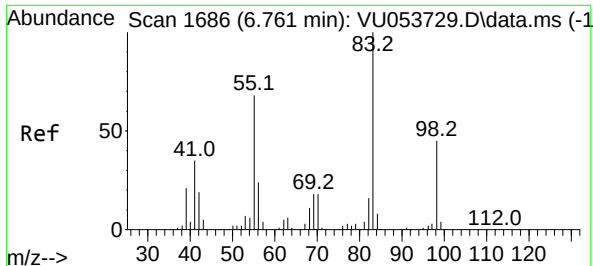
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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#35

Methylcyclohexane

Concen: 0.800 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.077 min

Lab File: VU053734.D

Acq: 17 Apr 2023 18:08

Instrument :

MSVOA_U

ClientSampleId :

BHE02

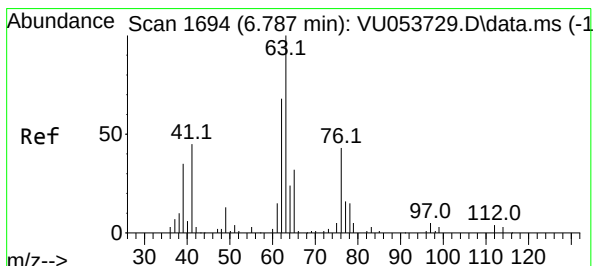
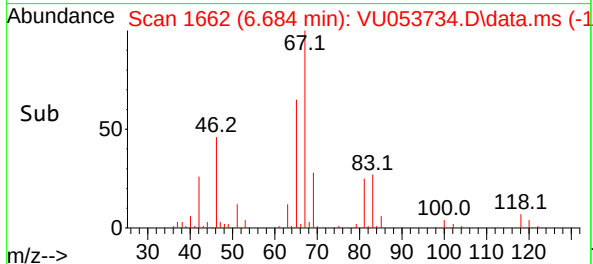
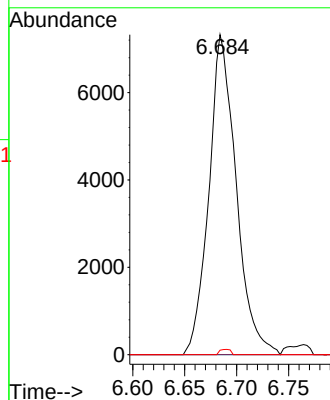
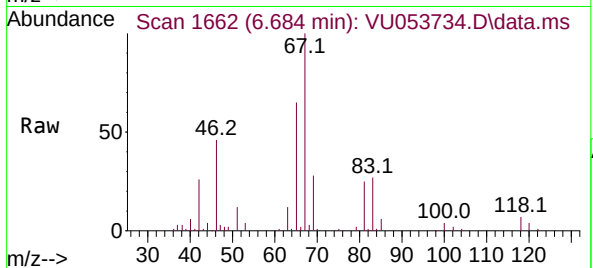
Tgt Ion: 83 Resp: 13394

Ion Ratio Lower Upper

83 100

55 0.0 54.9 82.3#

98 0.6 34.9 52.3#



#37

1,2-Dichloropropane

Concen: 0.662 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.100 min

Lab File: VU053734.D

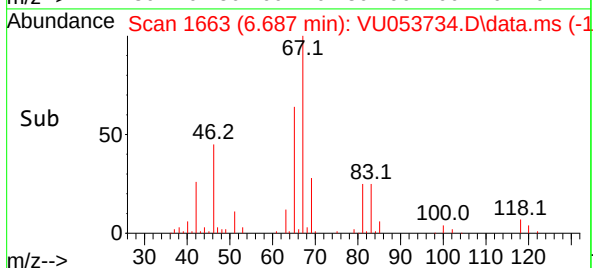
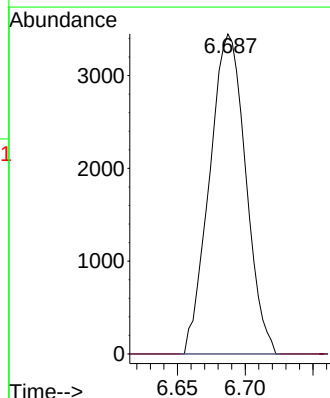
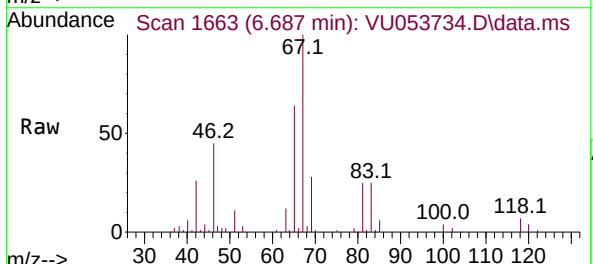
Acq: 17 Apr 2023 18:08

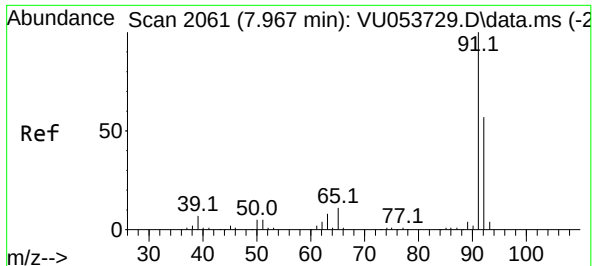
Tgt Ion: 63 Resp: 6406

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#





#42

Toluene

Concen: 0.923 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU053734.D

Acq: 17 Apr 2023 18:08

Instrument :

MSVOA_U

ClientSampleId :

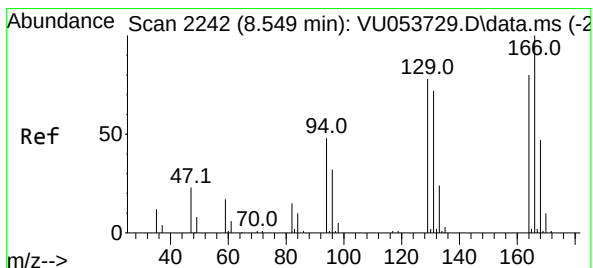
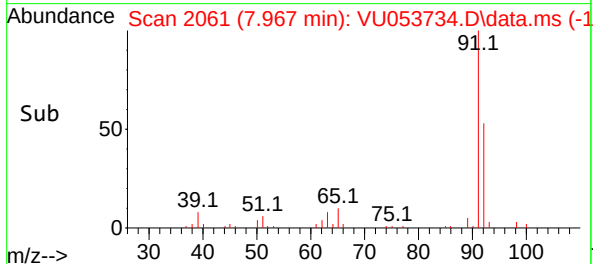
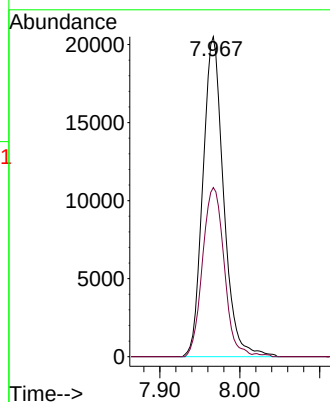
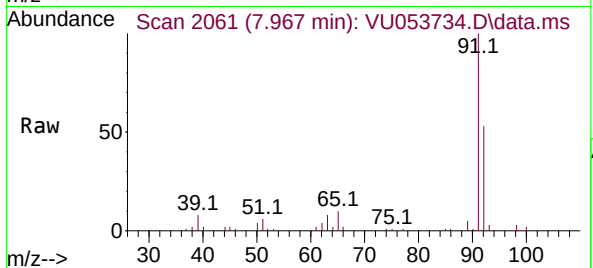
BHE02

Tgt Ion: 91 Resp: 36950

Ion Ratio Lower Upper

91 100

92 52.8 40.4 75.0



#47

Tetrachloroethene

Concen: 0.141 ug/L

RT: 8.558 min Scan# 2245

Delta R.T. 0.010 min

Lab File: VU053734.D

Acq: 17 Apr 2023 18:08

Tgt Ion: 164 Resp: 1008

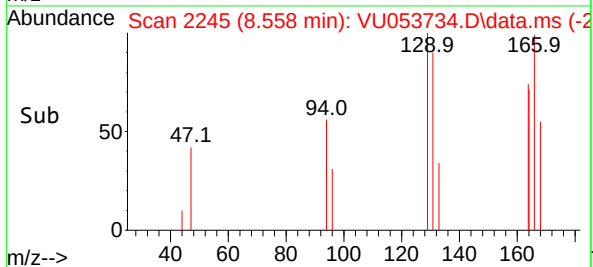
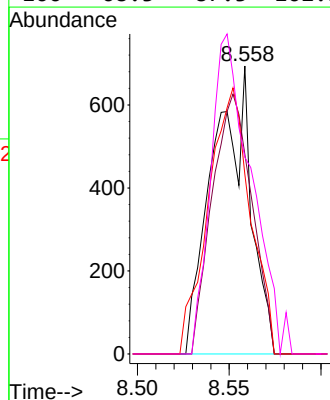
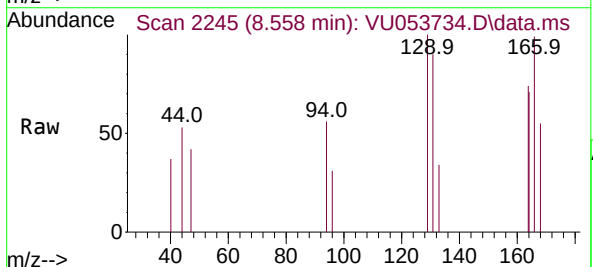
Ion Ratio Lower Upper

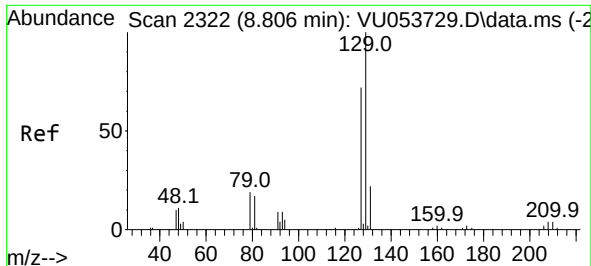
164 100

129 69.3 74.8 138.8#

131 62.4 70.1 130.1#

166 68.3 87.3 162.1#





#49

Dibromochloromethane

Concen: 0.139 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU053734.D

Acq: 17 Apr 2023 18:08

Instrument :

MSVOA_U

ClientSampleId :

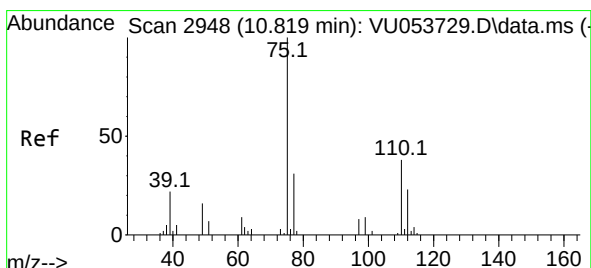
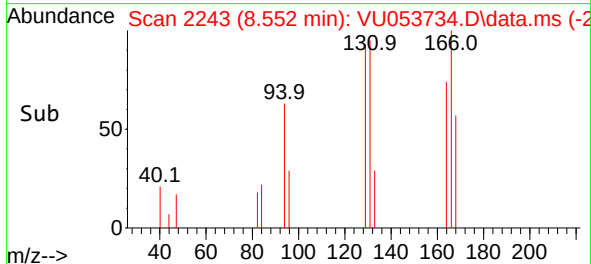
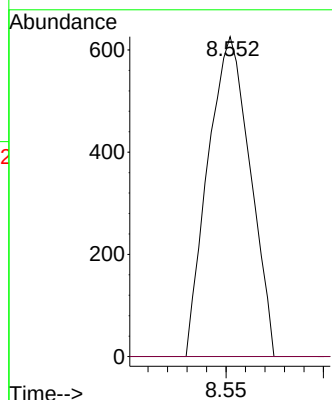
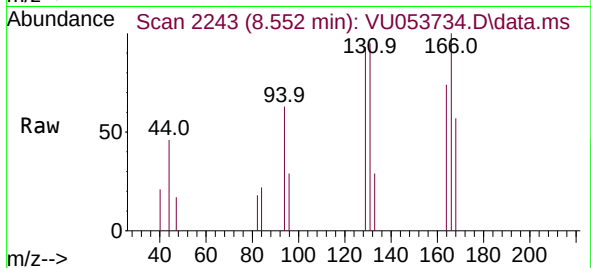
BHE02

Tgt Ion:129 Resp: 941

Ion Ratio Lower Upper

129 100

127 0.0 52.2 97.0#



#61

1,2,3-Trichloropropane

Concen: 1.489 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.987 min

Lab File: VU053734.D

Acq: 17 Apr 2023 18:08

Tgt Ion: 75 Resp: 8282

Ion Ratio Lower Upper

75 100

110 0.9 30.6 46.0#

77 33.0 26.1 39.1

