

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041124\
 Data File : VX041009.D
 Acq On : 12 Apr 2024 04:32
 Operator : JC/MD
 Sample : P2049-18 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MC0RB9

Quant Time: Apr 12 06:35:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 11 05:36:34 2024
 Response via : Initial Calibration

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

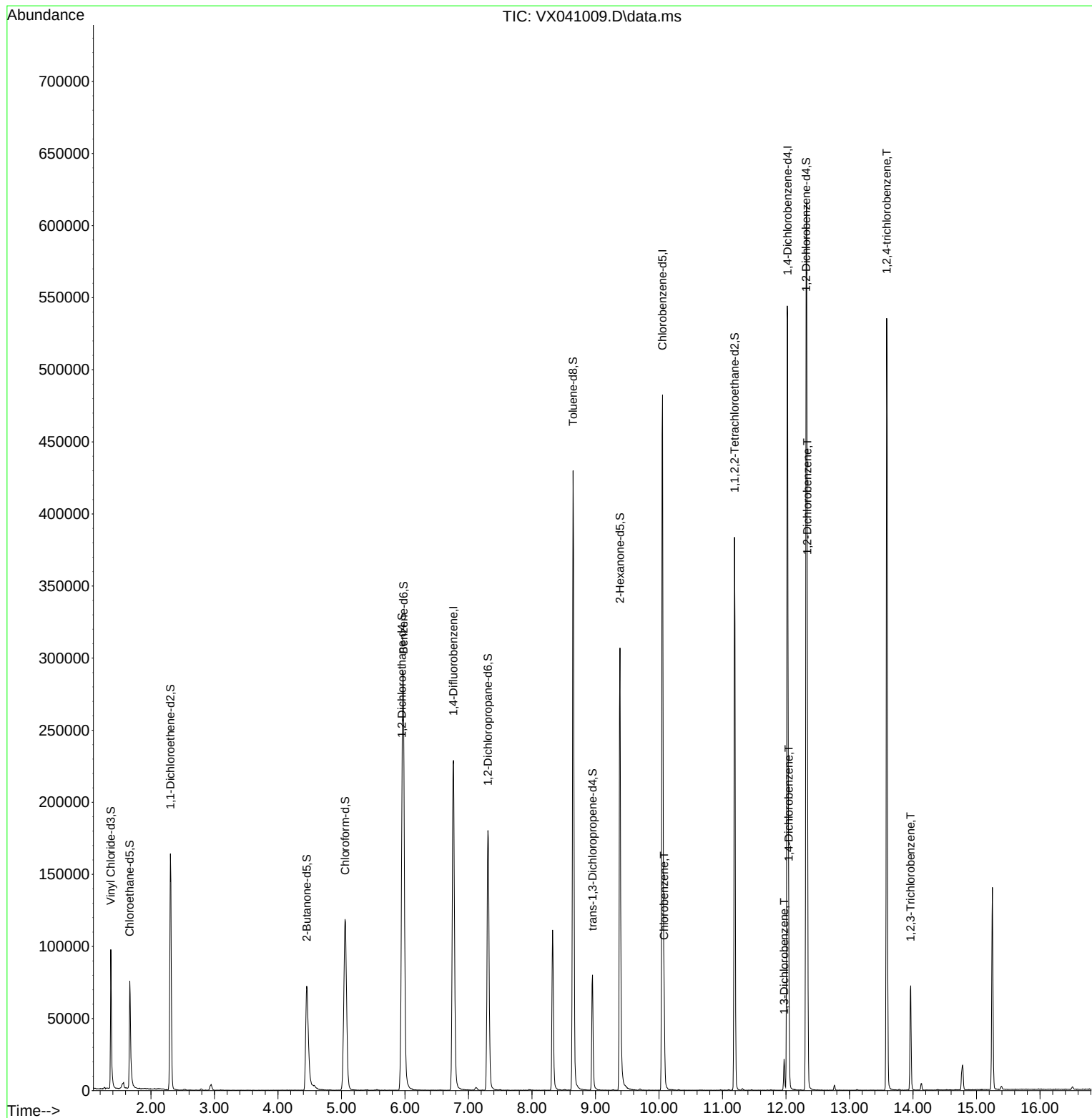
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	253908	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	236810	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	124998	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	66854	37.018	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.040%
7) Chloroethane-d5	1.666	69	63027	42.791	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.580%
11) 1,1-Dichloroethene-d2	2.307	65	28505	36.970	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.940%
21) 2-Butanone-d5	4.452	46	127098	129.197	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	129.200%
24) Chloroform-d	5.056	84	154581	45.874	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.740%
26) 1,2-Dichloroethane-d4	5.952	65	104509	47.679	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.360%
32) Benzene-d6	5.977	84	293227	45.610	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.220%
36) 1,2-Dichloropropane-d6	7.306	67	91074	48.572	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.140%
41) Toluene-d8	8.647	98	258831	41.210	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.420%
43) trans-1,3-Dichloroprop...	8.952	79	38863	41.187	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.380%
47) 2-Hexanone-d5	9.385	63	84904	107.401	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.400%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	142024	51.134	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.260%
66) 1,2-Dichlorobenzene-d4	12.317	152	122056	48.677	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.360%
Target Compounds						
					Qvalue	
51) Chlorobenzene	10.080	112	26843	5.629	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	7385	1.926	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	38642	9.817	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	94865	25.504	ug/L	96
70) 1,2,4-trichlorobenzene	13.585	180	145650	52.340	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	19641	7.197	ug/L	99

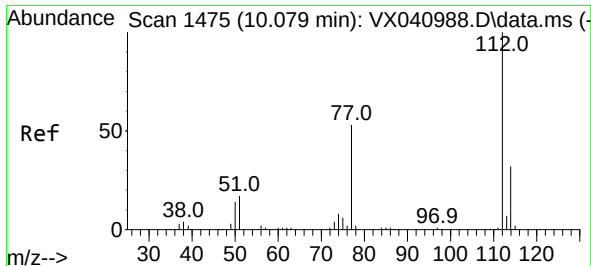
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Apr 11 05:36:34 2024
Response via : Initial Calibration

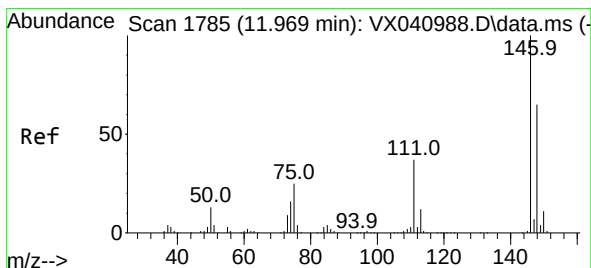
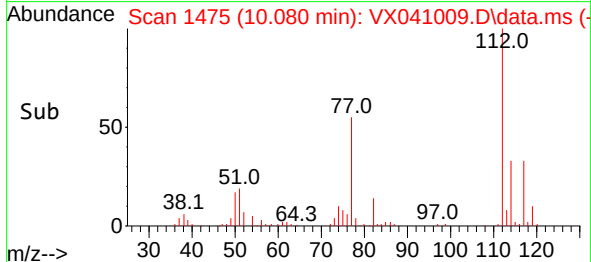
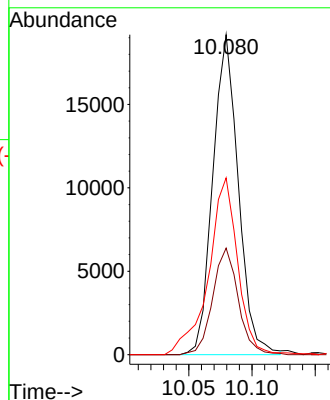
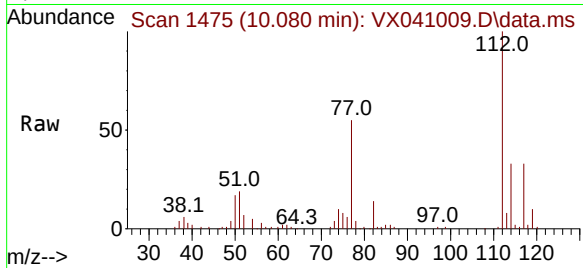




#51
Chlorobenzene
Concen: 5.629 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX041009.D
Acq: 12 Apr 2024 04:32

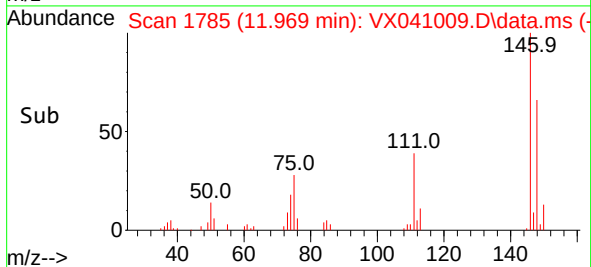
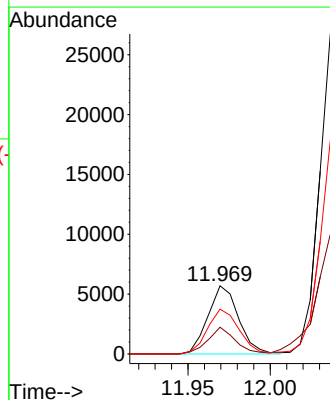
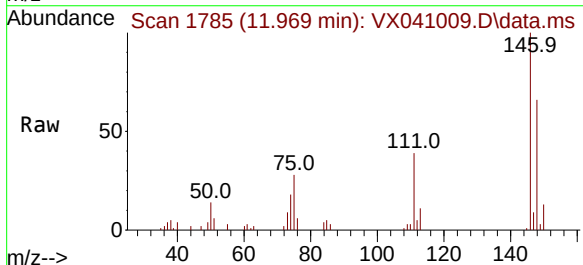
Instrument :
MSVOA_X
ClientSampleId :
MCORB9

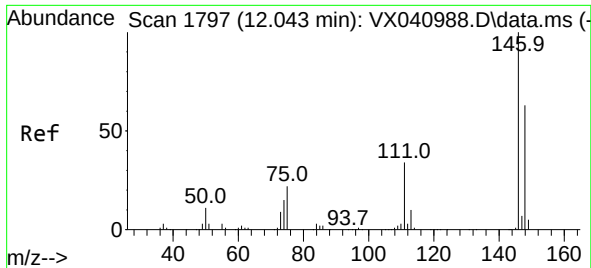
Tgt Ion:112 Resp: 26843
Ion Ratio Lower Upper
112 100
114 33.3 23.0 42.8
77 55.2 43.4 65.0



#64
1,3-Dichlorobenzene
Concen: 1.926 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX041009.D
Acq: 12 Apr 2024 04:32

Tgt Ion:146 Resp: 7385
Ion Ratio Lower Upper
146 100
111 39.2 25.3 47.1
148 65.8 44.7 82.9

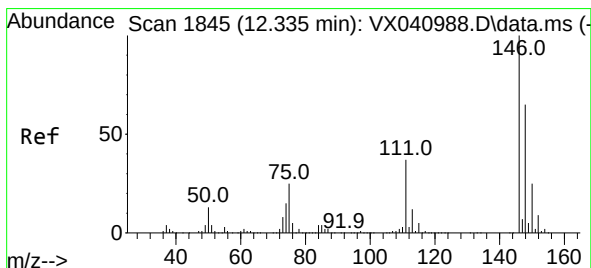
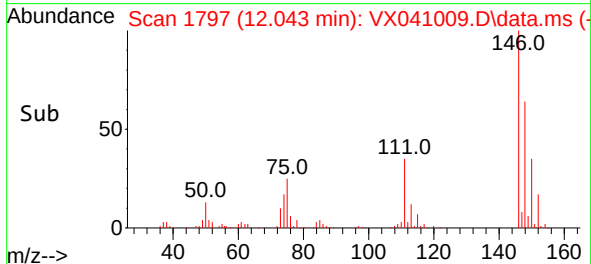
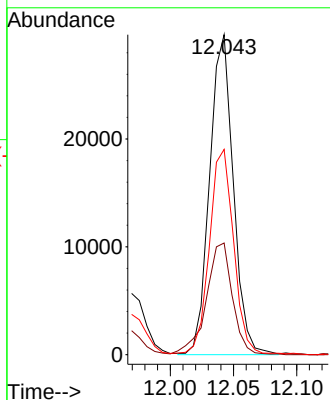
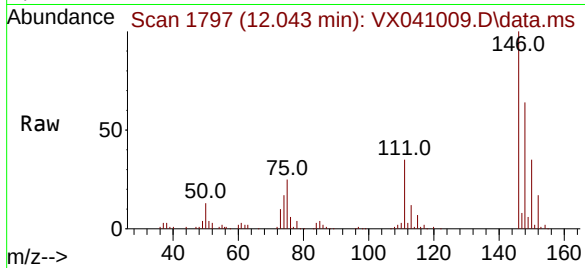




#65
1,4-Dichlorobenzene
Concen: 9.817 ug/L
RT: 12.043 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041009.D
Acq: 12 Apr 2024 04:32

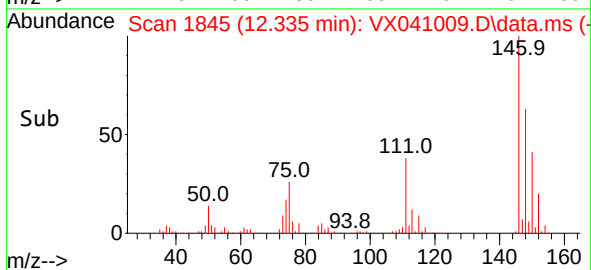
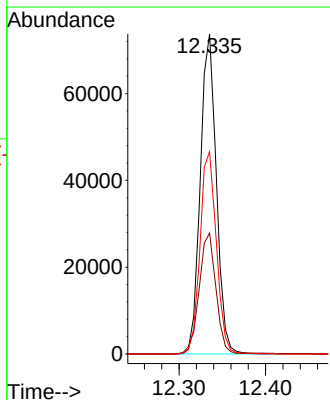
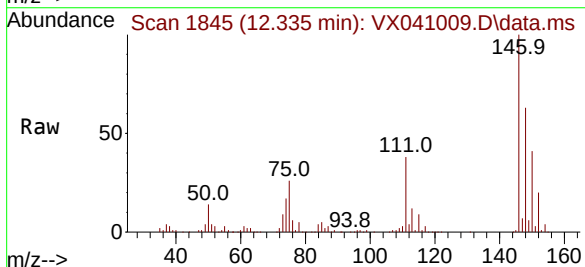
Instrument :
MSVOA_X
ClientSampleId :
MC0RB9

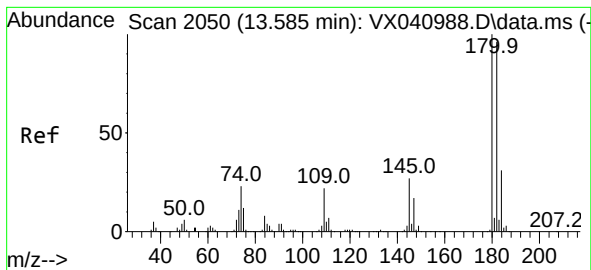
Tgt Ion:146 Resp: 38642
Ion Ratio Lower Upper
146 100
111 34.9 23.4 43.6
148 64.2 44.2 82.0



#67
1,2-Dichlorobenzene
Concen: 25.504 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041009.D
Acq: 12 Apr 2024 04:32

Tgt Ion:146 Resp: 94865
Ion Ratio Lower Upper
146 100
111 37.8 31.8 47.8
148 63.2 53.2 79.8





#70

1,2,4-trichlorobenzene

Concen: 52.340 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041009.D

Acq: 12 Apr 2024 04:32

Instrument :

MSVOA_X

ClientSampleId :

MC0RB9

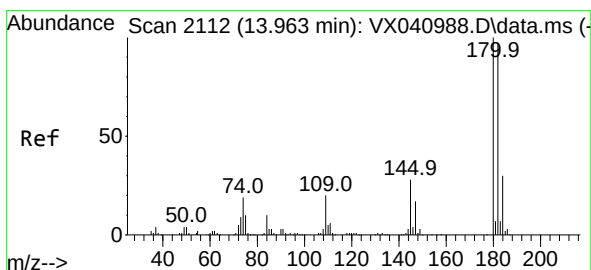
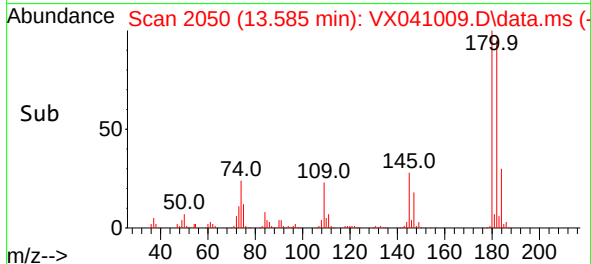
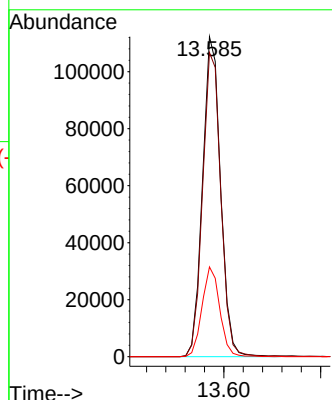
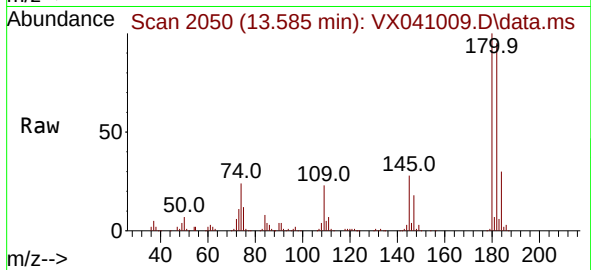
Tgt Ion:180 Resp: 145650

Ion Ratio Lower Upper

180 100

182 95.8 76.8 115.2

145 27.6 22.3 33.5



#72

1,2,3-Trichlorobenzene

Concen: 7.197 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX041009.D

Acq: 12 Apr 2024 04:32

Tgt Ion:180 Resp: 19641

Ion Ratio Lower Upper

180 100

182 97.9 77.0 115.6

145 29.8 23.4 35.2

