

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041524\
 Data File : VX041084.D
 Acq On : 15 Apr 2024 17:25
 Operator : JC/MD
 Sample : P2098-15 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MCORD9

Quant Time: Apr 16 05:12:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 16 02:47:54 2024
 Response via : Initial Calibration

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

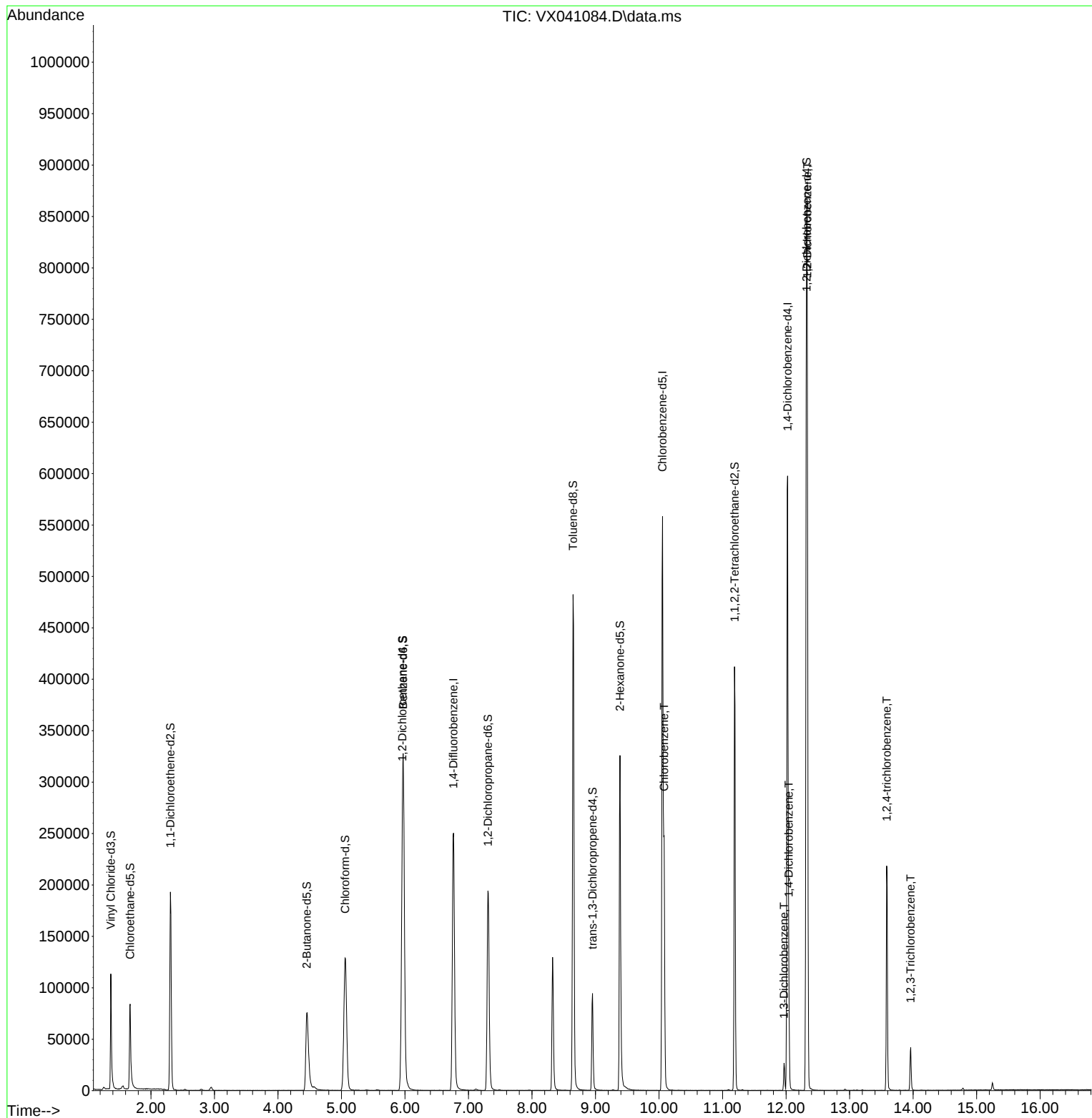
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	275681	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	261277	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	136773	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	80088	40.844	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.680%		
7) Chloroethane-d5	1.672	69	71573	44.756	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.520%		
11) 1,1-Dichloroethene-d2	2.306	65	33892	40.485	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	80.960%		
21) 2-Butanone-d5	4.452	46	131204	122.838	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	122.840%		
24) Chloroform-d	5.056	84	168010	45.921	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.840%		
26) 1,2-Dichloroethane-d4	5.958	65	112262	47.172	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.340%		
32) Benzene-d6	5.970	84	323993	45.676	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.360%		
36) 1,2-Dichloropropane-d6	7.305	67	97926	47.336	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.680%		
41) Toluene-d8	8.647	98	298359	43.055	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.100%		
43) trans-1,3-Dichloroprop...	8.951	79	45176	43.394	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.780%		
47) 2-Hexanone-d5	9.384	63	88696	101.691	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.690%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	152817	49.868	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.740%		
66) 1,2-Dichlorobenzene-d4	12.323	152	138202	50.372	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.740%		
Target Compounds						Qvalue
51) Chlorobenzene	10.079	112	107330	20.401	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	9465	2.256	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	41716	9.685	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	221130	54.331	ug/L	96
70) 1,2,4-trichlorobenzene	13.585	180	58446	19.195	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	11381	3.811	ug/L	99

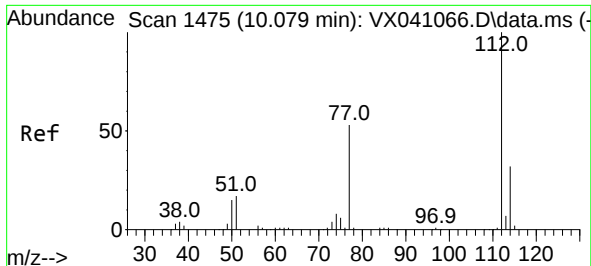
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Apr 16 02:47:54 2024
Response via : Initial Calibration





#51

Chlorobenzene

Concen: 20.401 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX041084.D

Acq: 15 Apr 2024 17:25

Instrument :

MSVOA_X

ClientSampleId :

MC0RD9

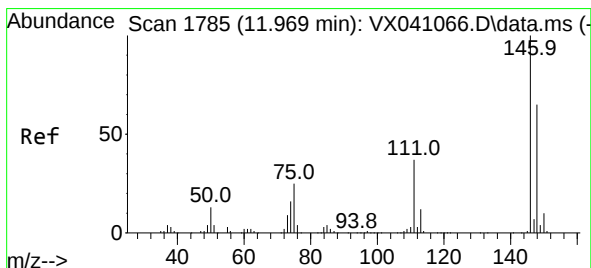
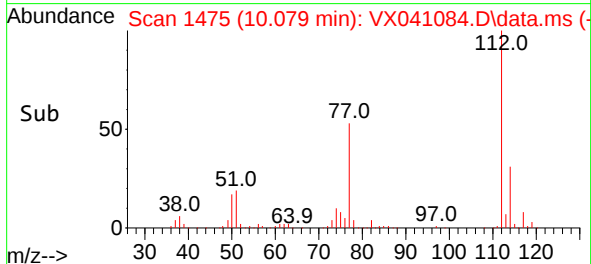
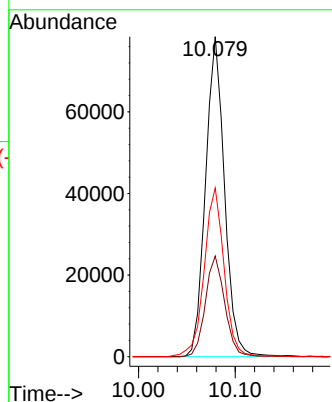
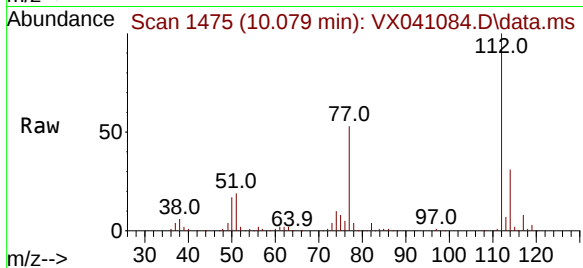
Tgt Ion:112 Resp: 107330

Ion Ratio Lower Upper

112 100

114 31.5 23.0 42.8

77 52.7 43.4 65.0



#64

1,3-Dichlorobenzene

Concen: 2.256 ug/L

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX041084.D

Acq: 15 Apr 2024 17:25

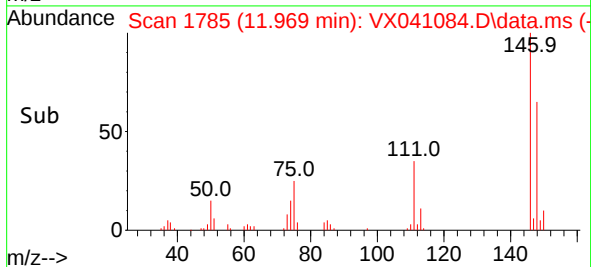
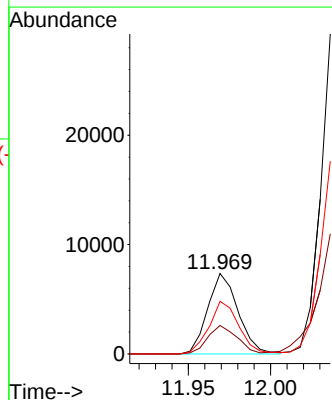
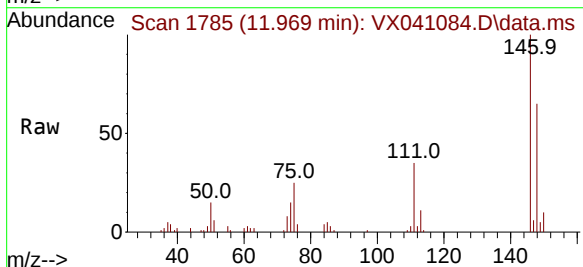
Tgt Ion:146 Resp: 9465

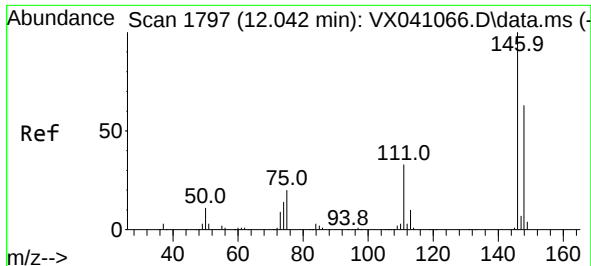
Ion Ratio Lower Upper

146 100

111 35.3 25.3 47.1

148 65.5 44.7 82.9

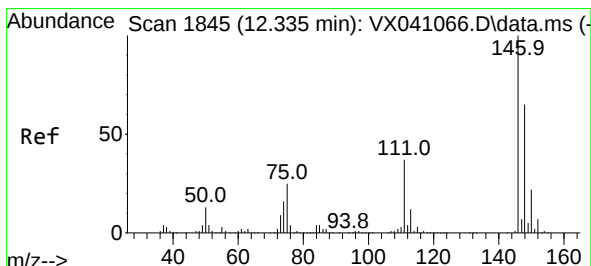
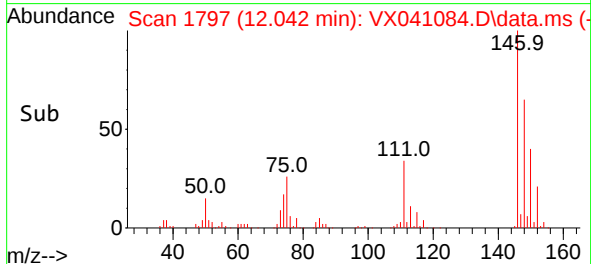
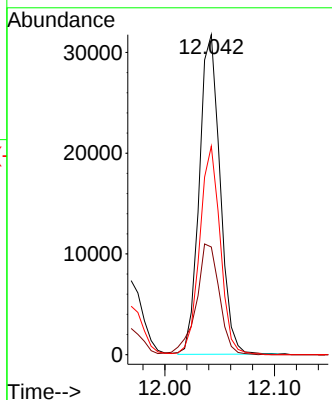
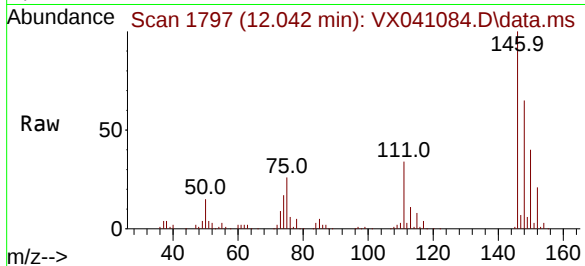




#65
1,4-Dichlorobenzene
Concen: 9.685 ug/L
RT: 12.042 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041084.D
Acq: 15 Apr 2024 17:25

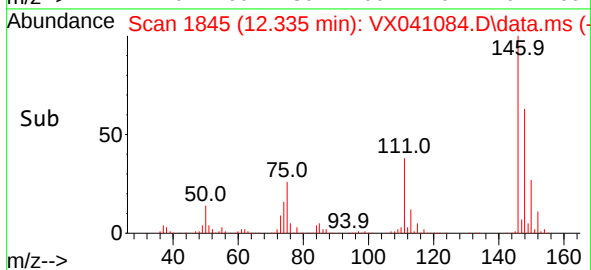
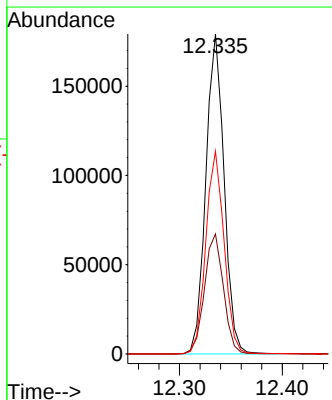
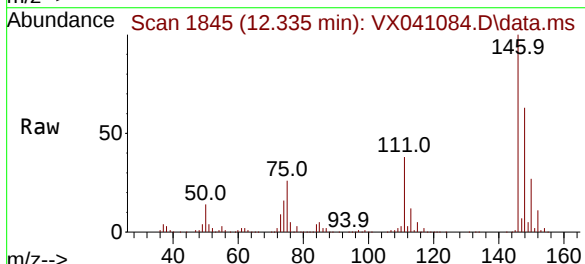
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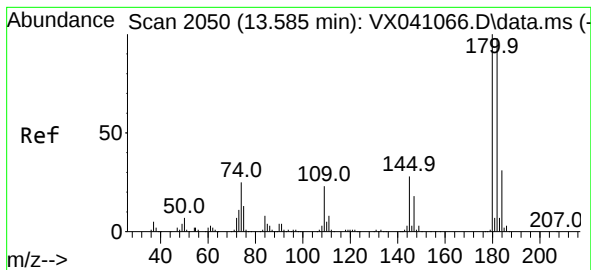
Tgt Ion:146 Resp: 41716
Ion Ratio Lower Upper
146 100
111 33.6 23.4 43.6
148 65.1 44.2 82.0



#67
1,2-Dichlorobenzene
Concen: 54.331 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX041084.D
Acq: 15 Apr 2024 17:25

Tgt Ion:146 Resp: 221130
Ion Ratio Lower Upper
146 100
111 37.5 31.8 47.8
148 63.4 53.2 79.8





#70

1,2,4-trichlorobenzene

Concen: 19.195 ug/L

RT: 13.585 min Scan# 2050

Delta R.T. 0.000 min

Lab File: VX041084.D

Acq: 15 Apr 2024 17:25

Instrument :

MSVOA_X

ClientSampleId :

MC0RD9

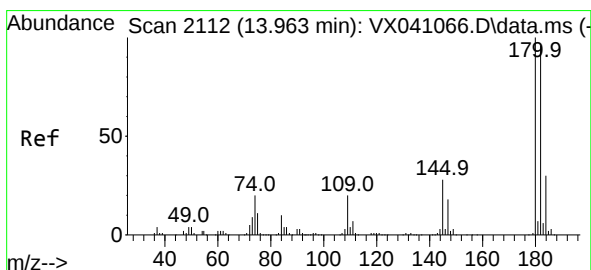
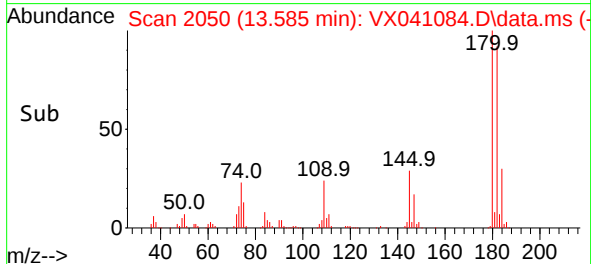
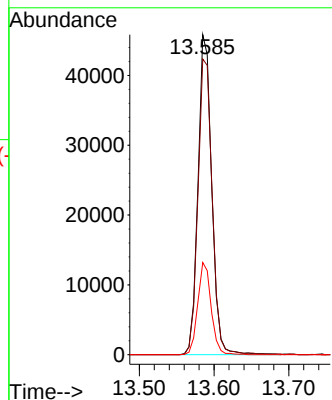
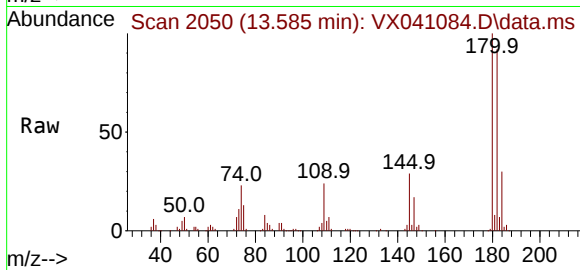
Tgt Ion:180 Resp: 58446

Ion Ratio Lower Upper

180 100

182 95.5 76.8 115.2

145 28.1 22.3 33.5



#72

1,2,3-Trichlorobenzene

Concen: 3.811 ug/L

RT: 13.963 min Scan# 2112

Delta R.T. 0.000 min

Lab File: VX041084.D

Acq: 15 Apr 2024 17:25

Tgt Ion:180 Resp: 11381

Ion Ratio Lower Upper

180 100

182 97.2 77.0 115.6

145 29.4 23.4 35.2

