

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052723\
 Data File : VV031252.D
 Acq On : 26 May 2023 17:36
 Operator : SY/MD
 Sample : VV0527WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK342

Quant Time: May 27 01:46:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR052523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 27 01:45:01 2023
 Response via : Initial Calibration

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

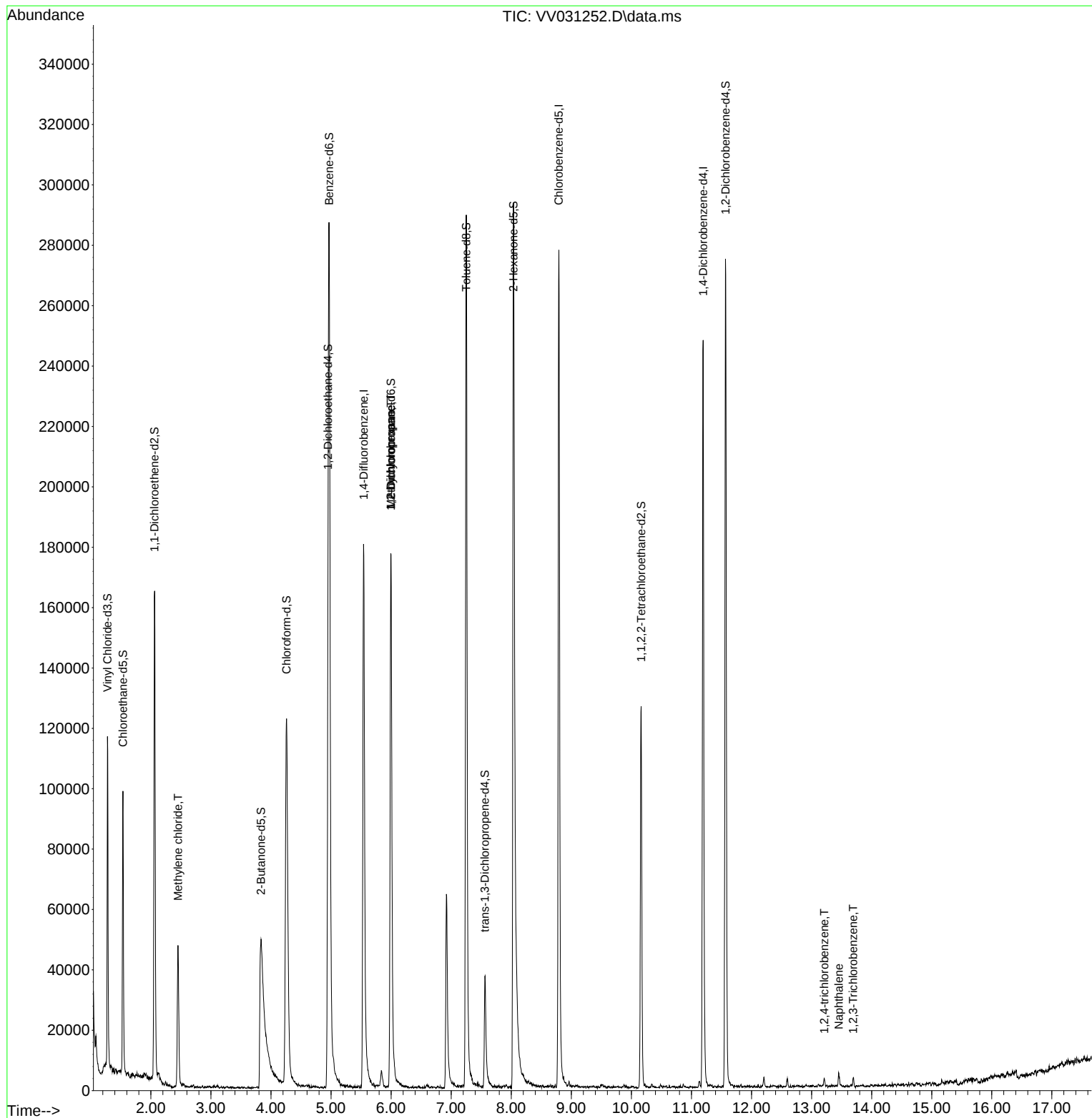
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	152144	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	148534	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	62345	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	71705	4.253	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.000%
7) Chloroethane-d5	1.536	69	58471	4.445	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.060	65	29488	4.231	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.600%
20) 2-Butanone-d5	3.834	46	163721	45.112	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.220%
24) Chloroform-d	4.259	84	135874	4.063	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
26) 1,2-Dichloroethane-d4	4.950	65	78454	4.749	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	4.970	84	258084	4.161	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	5.998	67	91363	4.402	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.000%
41) Toluene-d8	7.249	98	203918	3.762	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.200%
43) trans-1,3-Dichloroprop...	7.561	79	25608	3.837	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.800%
46) 2-Hexanone-d5	8.037	63	119526	43.862	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.720%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	62809	4.288	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.800%
66) 1,2-Dichlorobenzene-d4	11.567	152	69499	4.751	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						
16) Methylene chloride	2.452	84	19159	1.078	ug/L	96
35) Methylcyclohexane	5.995	83	21063	1.025	ug/L #	12
37) 1,2-Dichloropropane	5.995	63	10053	0.620	ug/L #	90
70) 1,2,4-trichlorobenzene	13.210	180	1271	0.091	ug/L #	74
71) Naphthalene	13.455	128	3213	0.155	ug/L #	87
72) 1,2,3-Trichlorobenzene	13.693	180	939	0.078	ug/L	95

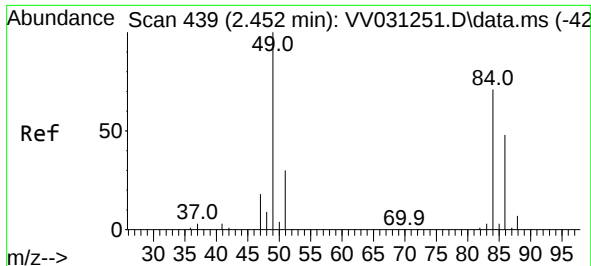
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat May 27 01:45:01 2023
Response via : Initial Calibration

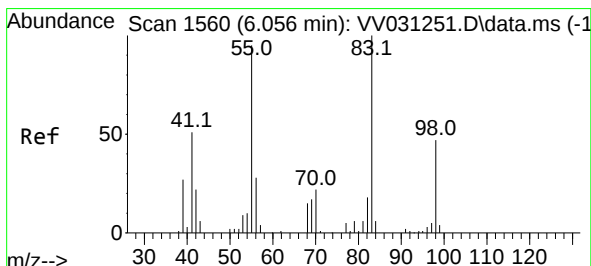
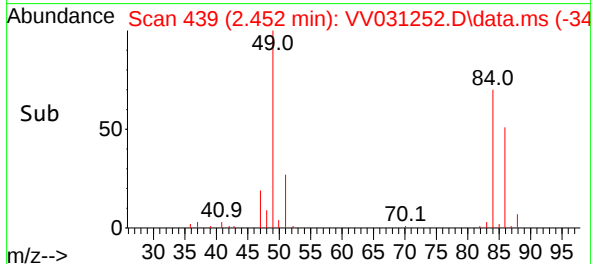
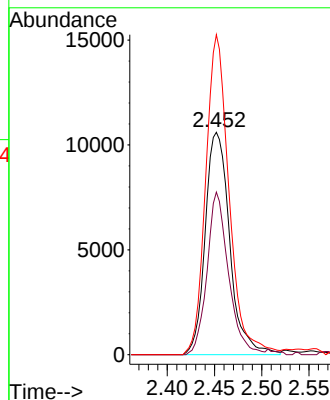
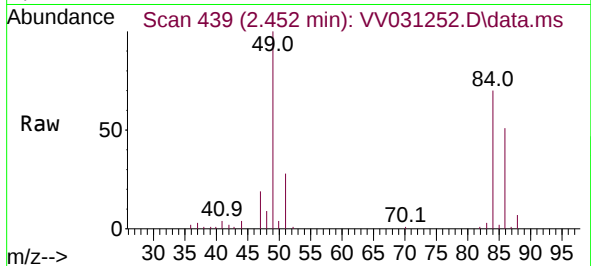




#16
Methylene chloride
Concen: 1.078 ug/L
RT: 2.452 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV031252.D
Acq: 26 May 2023 17:36

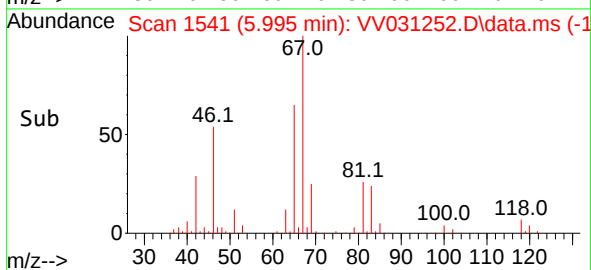
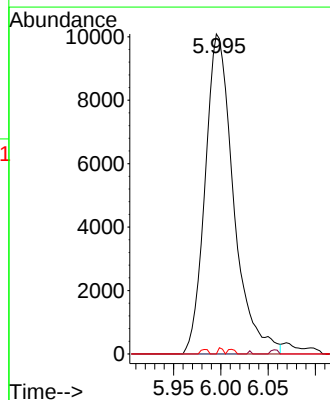
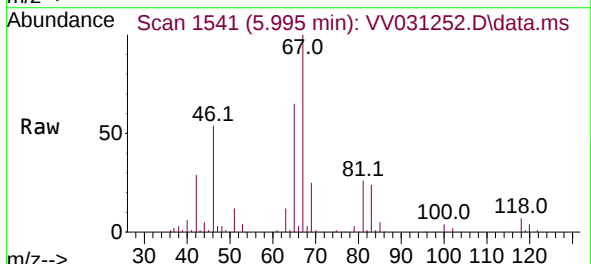
Instrument :
MSVOA_V
ClientSampleId :
VBLK342

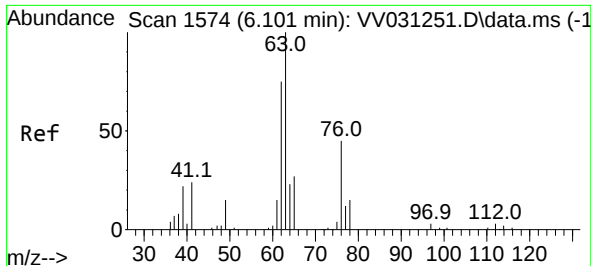
Tgt Ion:	84	Resp:	19159
Ion	Ratio	Lower	Upper
84	100		
86	73.1	46.8	86.8
49	143.9	98.8	183.4



#35
Methylcyclohexane
Concen: 1.025 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.061 min
Lab File: VV031252.D
Acq: 26 May 2023 17:36

Tgt Ion:	83	Resp:	21063
Ion	Ratio	Lower	Upper
83	100		
55	0.0	74.4	111.6#
98	0.3	38.2	57.2#





#37

1,2-Dichloropropane

Concen: 0.620 ug/L

RT: 5.995 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV031252.D

Acq: 26 May 2023 17:36

Instrument :

MSVOA_V

ClientSampleId :

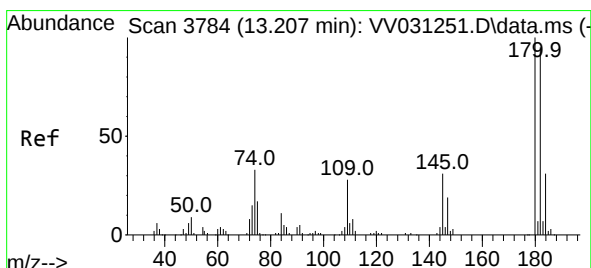
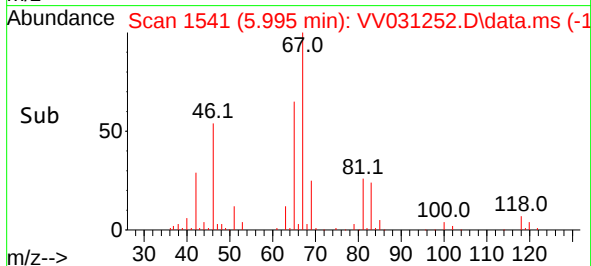
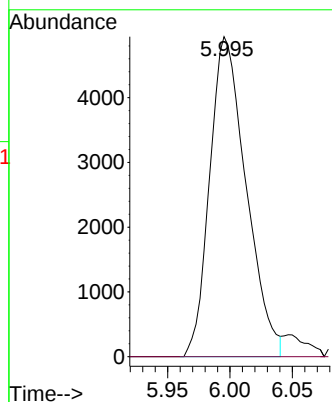
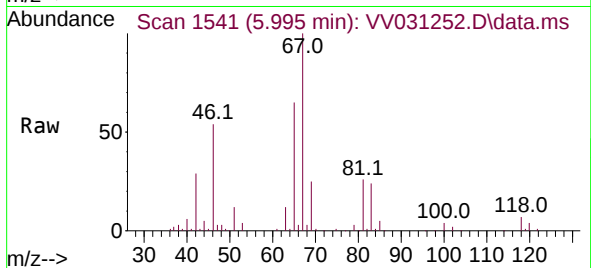
VBLK342

Tgt Ion: 63 Resp: 10053

Ion Ratio Lower Upper

63 100

112 0.8 3.2 4.8#



#70

1,2,4-trichlorobenzene

Concen: 0.091 ug/L

RT: 13.210 min Scan# 3785

Delta R.T. 0.003 min

Lab File: VV031252.D

Acq: 26 May 2023 17:36

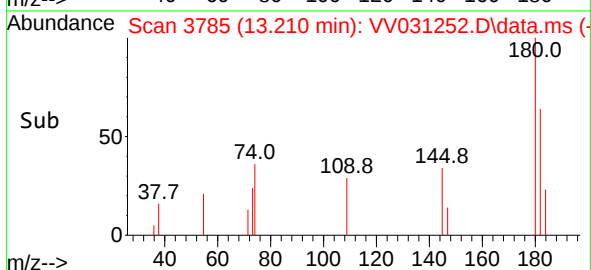
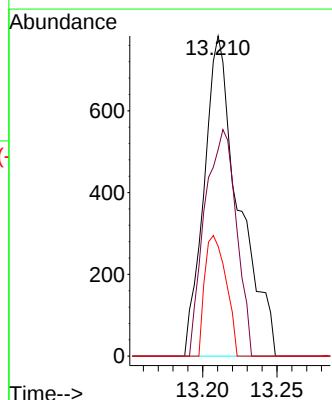
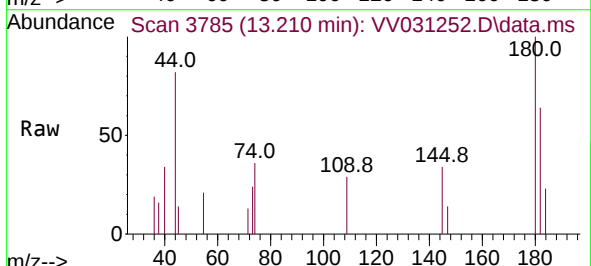
Tgt Ion:180 Resp: 1271

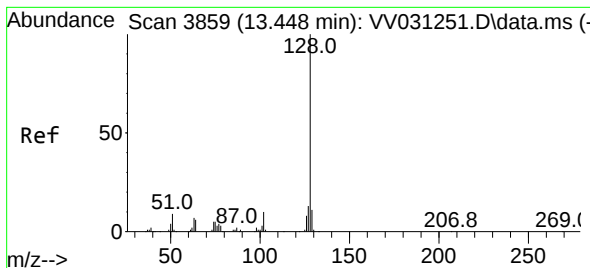
Ion Ratio Lower Upper

180 100

182 64.2 74.8 112.2#

145 23.0 24.1 36.1#





#71

Naphthalene

Concen: 0.155 ug/L

RT: 13.455 min Scan# 3861

Delta R.T. 0.007 min

Lab File: VV031252.D

Acq: 26 May 2023 17:36

Instrument :

MSVOA_V

ClientSampleId :

VBLK342

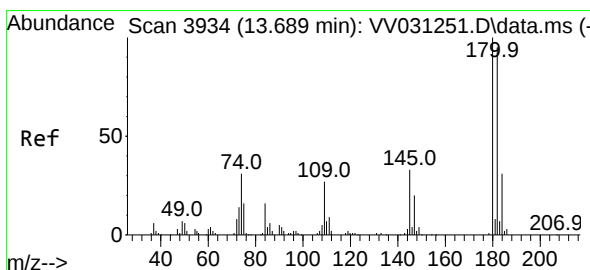
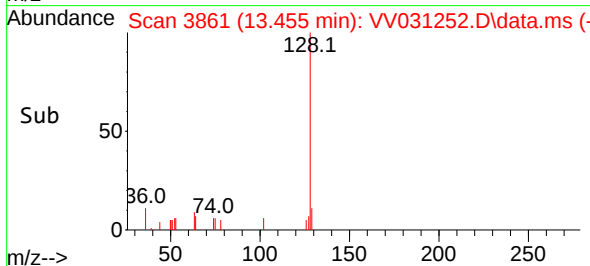
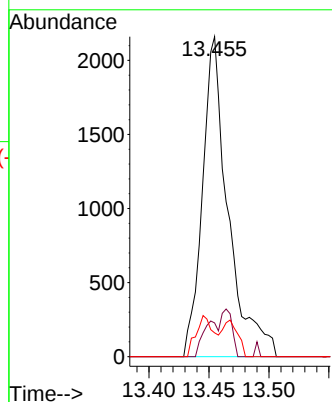
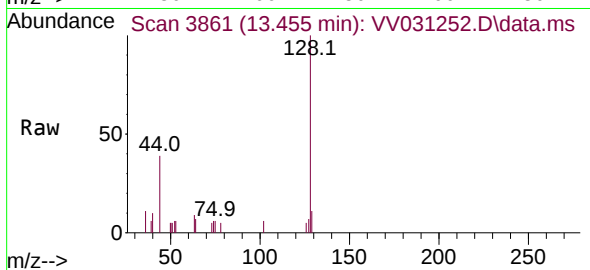
Tgt Ion:128 Resp: 3213

Ion Ratio Lower Upper

128 100

129 6.7 9.0 13.6#

127 8.9 11.5 17.3#



#72

1,2,3-Trichlorobenzene

Concen: 0.078 ug/L

RT: 13.693 min Scan# 3935

Delta R.T. 0.003 min

Lab File: VV031252.D

Acq: 26 May 2023 17:36

Tgt Ion:180 Resp: 939

Ion Ratio Lower Upper

180 100

182 101.2 77.6 116.4

145 30.0 26.9 40.3

