

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120922\
 Data File : VV029553.D
 Acq On : 10 Dec 2022 03:53
 Operator : SY/MD
 Sample : N5915-05DL 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5N04DL

Quant Time: Dec 10 04:24:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 10 00:41:04 2022
 Response via : Initial Calibration

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

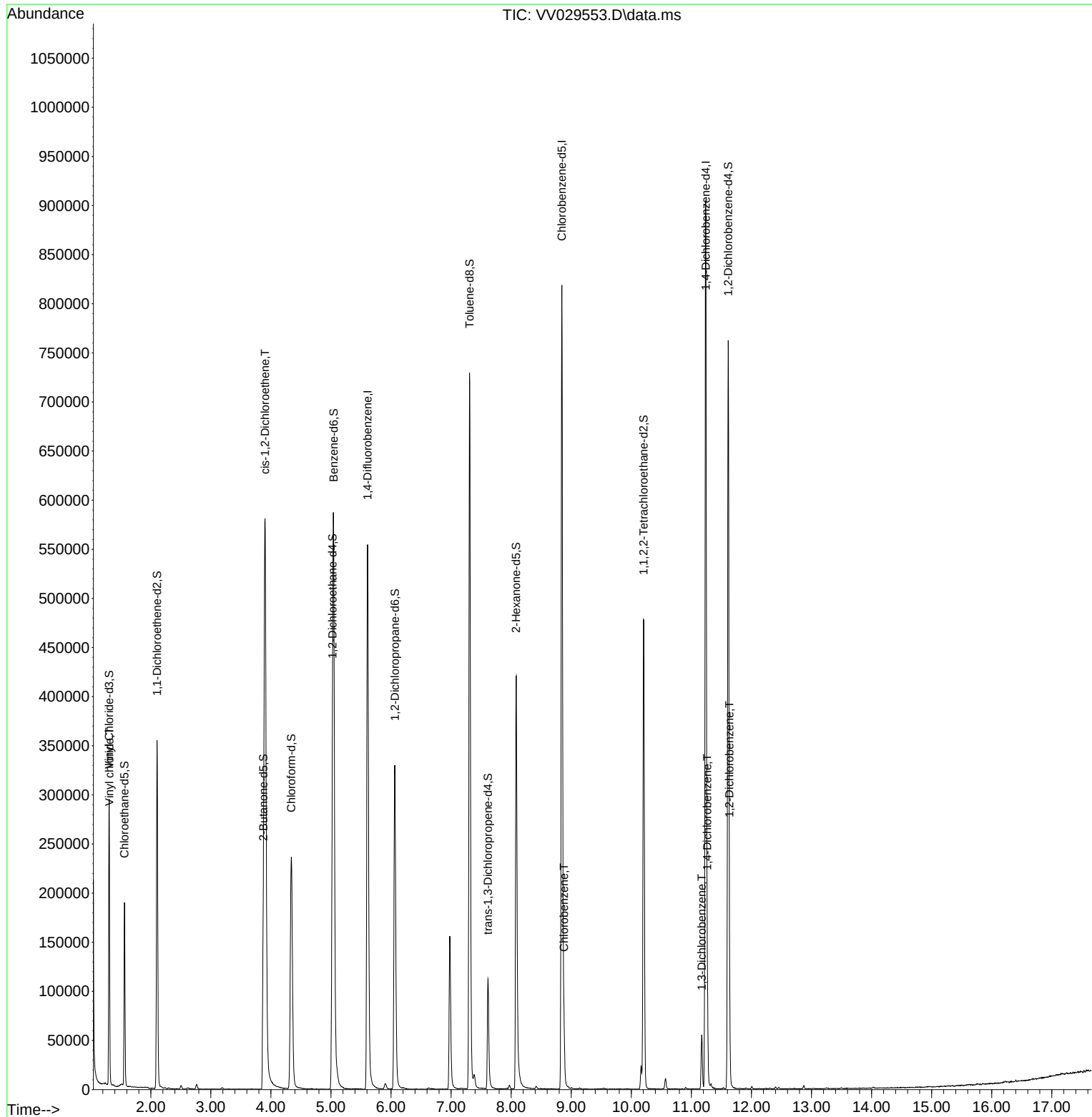
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	504364	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	471483	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	245977	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	134558	43.567	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.140%		
7) Chloroethane-d5	1.561	69	118194	50.187	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	100.380%		
11) 1,1-Dichloroethene-d2	2.105	63	180729	37.517	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.040%		
21) 2-Butanone-d5	3.873	46	194646	103.311	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	103.310%		
24) Chloroform-d	4.339	84	261006	44.908	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.820%		
26) 1,2-Dichloroethane-d4	5.024	65	155668	46.896	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.800%		
32) Benzene-d6	5.043	84	567020	45.514	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.020%		
36) 1,2-Dichloropropane-d6	6.063	67	174647	45.895	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	91.780%		
41) Toluene-d8	7.307	98	506504	43.149	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.300%		
43) trans-1,3-Dichloroprop...	7.612	79	68813	35.811	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.620%		
47) 2-Hexanone-d5	8.082	63	160035	98.484	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	98.480%		
56) 1,1,2,2-Tetrachloroeth...	10.204	84	242964	44.680	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.360%		
66) 1,2-Dichlorobenzene-d4	11.612	152	202600	43.268	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	86.540%		
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	54950	14.500	ug/L	96
20) cis-1,2-Dichloroethene	3.902	96	318125	93.133	ug/L	93
51) Chlorobenzene	8.876	112	41288	4.558	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	24092	3.412	ug/L	98
65) 1,4-Dichlorobenzene	11.262	146	45240	6.304	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	29167	4.039	ug/L	98

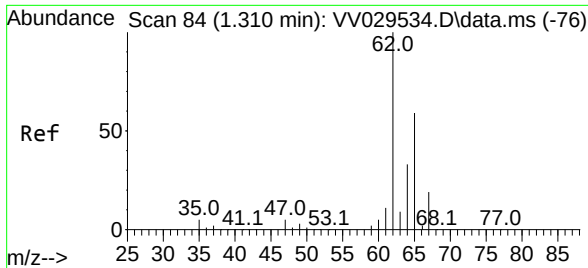
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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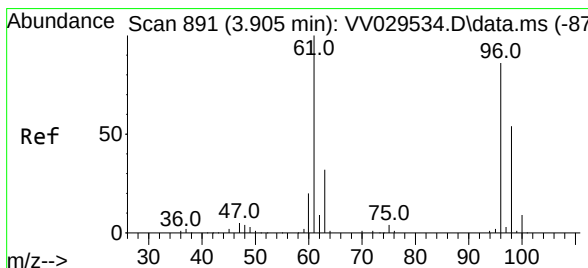
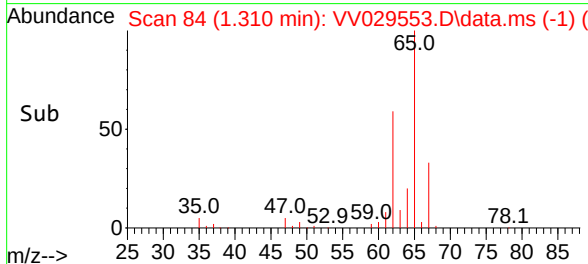
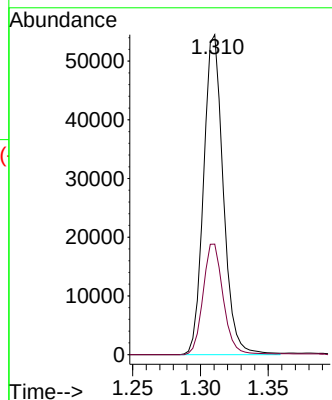
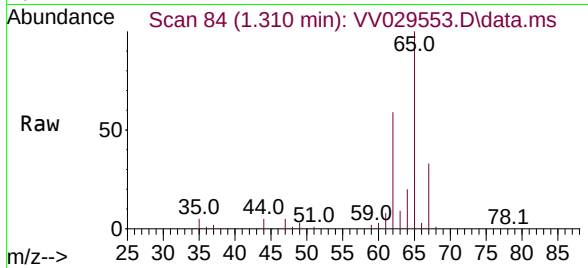




#5
 Vinyl chloride
 Concen: 14.500 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV029553.D
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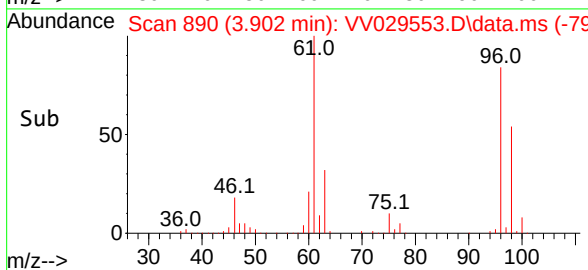
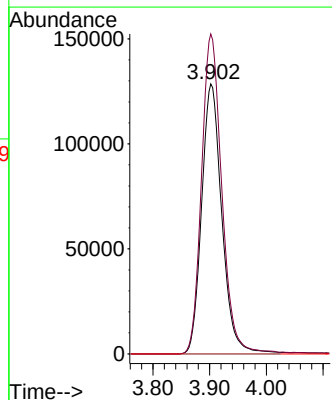
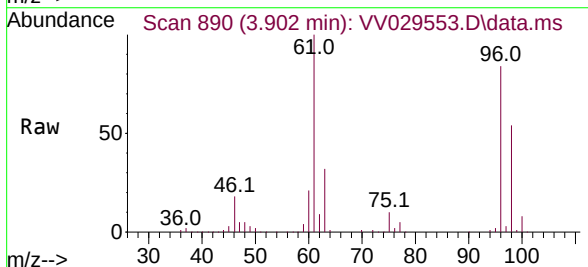
Instrument :
 MSVOA_V
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 F5N04DL

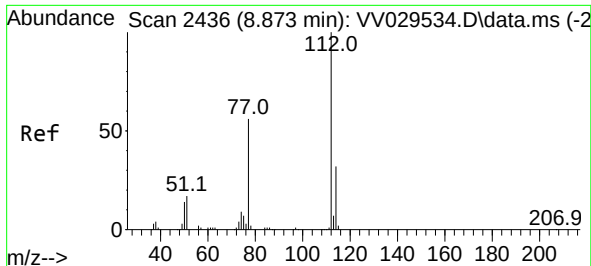
Tgt Ion: 62 Resp: 54950
 Ion Ratio Lower Upper
 62 100
 64 34.5 22.5 41.9



#20
 cis-1,2-Dichloroethene
 Concen: 93.133 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. -0.003 min
 Lab File: VV029553.D
 Acq: 10 Dec 2022 03:53

Tgt Ion: 96 Resp: 318125
 Ion Ratio Lower Upper
 96 100
 61 118.5 78.0 144.9
 68 0.0 0.0 0.0

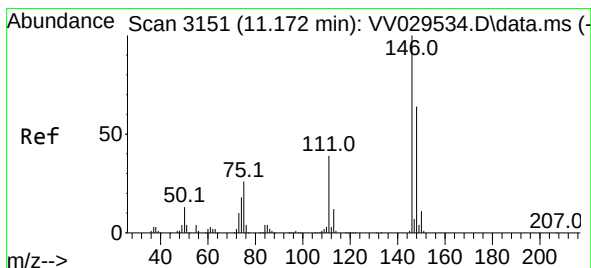
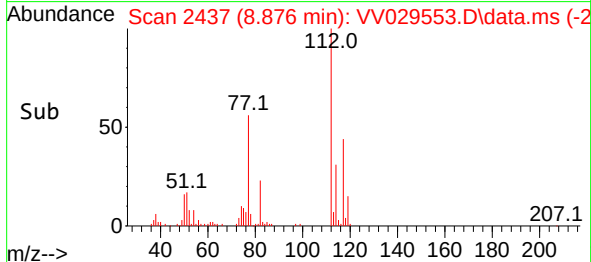
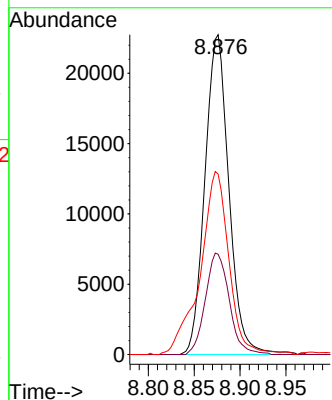
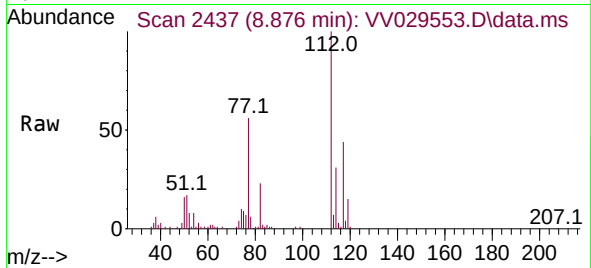




#51
Chlorobenzene
Concen: 4.558 ug/L
RT: 8.876 min Scan# 2436
Delta R.T. 0.003 min
Lab File: VV029553.D
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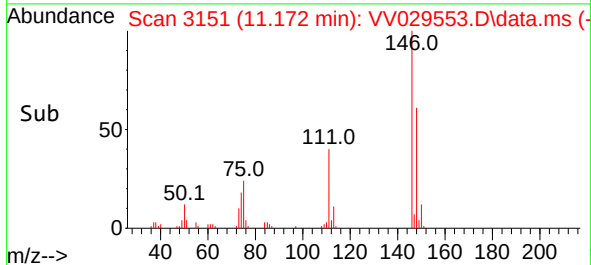
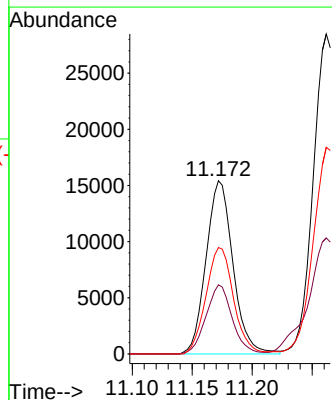
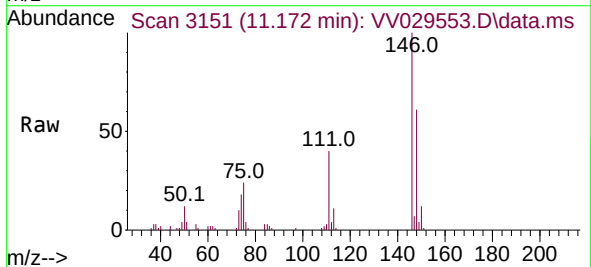
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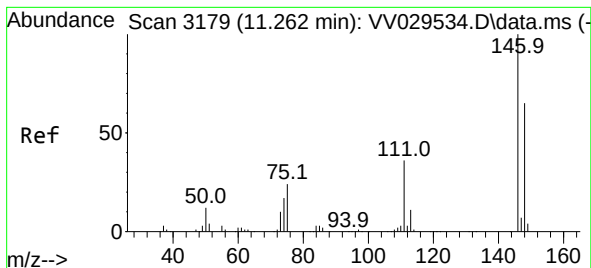
Tgt Ion:112 Resp: 41288
Ion Ratio Lower Upper
112 100
114 31.4 22.3 41.3
77 56.4 45.0 67.4



#64
1,3-Dichlorobenzene
Concen: 3.412 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV029553.D
Acq: 10 Dec 2022 03:53

Tgt Ion:146 Resp: 24092
Ion Ratio Lower Upper
146 100
111 39.9 27.4 51.0
148 61.4 44.6 82.8





#65

1,4-Dichlorobenzene

Concen: 6.304 ug/L

RT: 11.262 min Scan# 3179

Delta R.T. 0.000 min

Lab File: VV029553.D

Acq: 10 Dec 2022 03:53

Instrument :

MSVOA_V

ClientSampleId :

F5N04DL

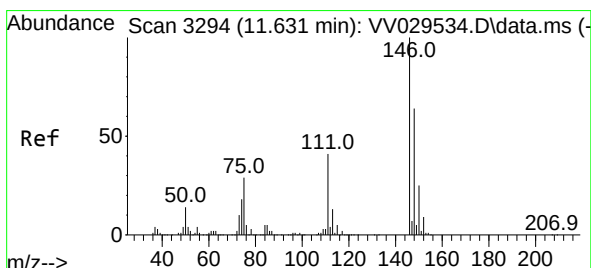
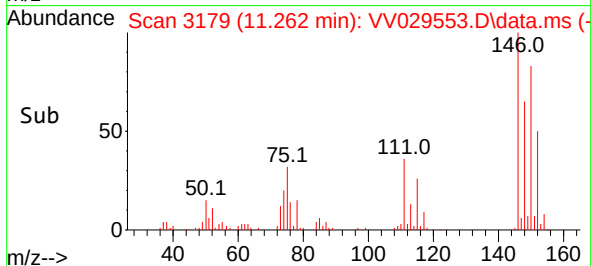
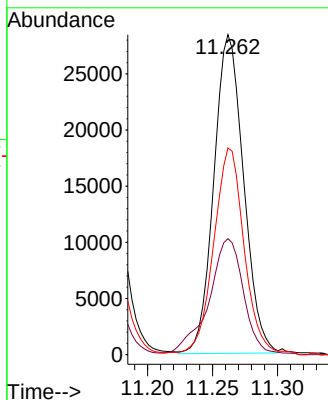
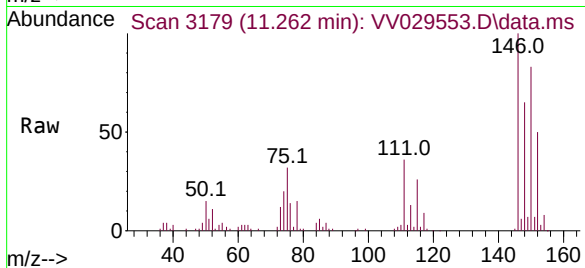
Tgt Ion:146 Resp: 45240

Ion Ratio Lower Upper

146 100

111 36.2 26.2 48.8

148 64.6 44.7 83.1



#67

1,2-Dichlorobenzene

Concen: 4.039 ug/L

RT: 11.632 min Scan# 3294

Delta R.T. 0.000 min

Lab File: VV029553.D

Acq: 10 Dec 2022 03:53

Tgt Ion:146 Resp: 29167

Ion Ratio Lower Upper

146 100

111 42.6 32.0 48.0

148 64.1 50.6 76.0

