

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100423\
 Data File : VW027219.D
 Acq On : 04 Oct 2023 15:51
 Operator : SY/MD
 Sample : 04747-05
 Misc : 3.04g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 04 22:52:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092723SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 04 22:49:04 2023
 Response via : Initial Calibration

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

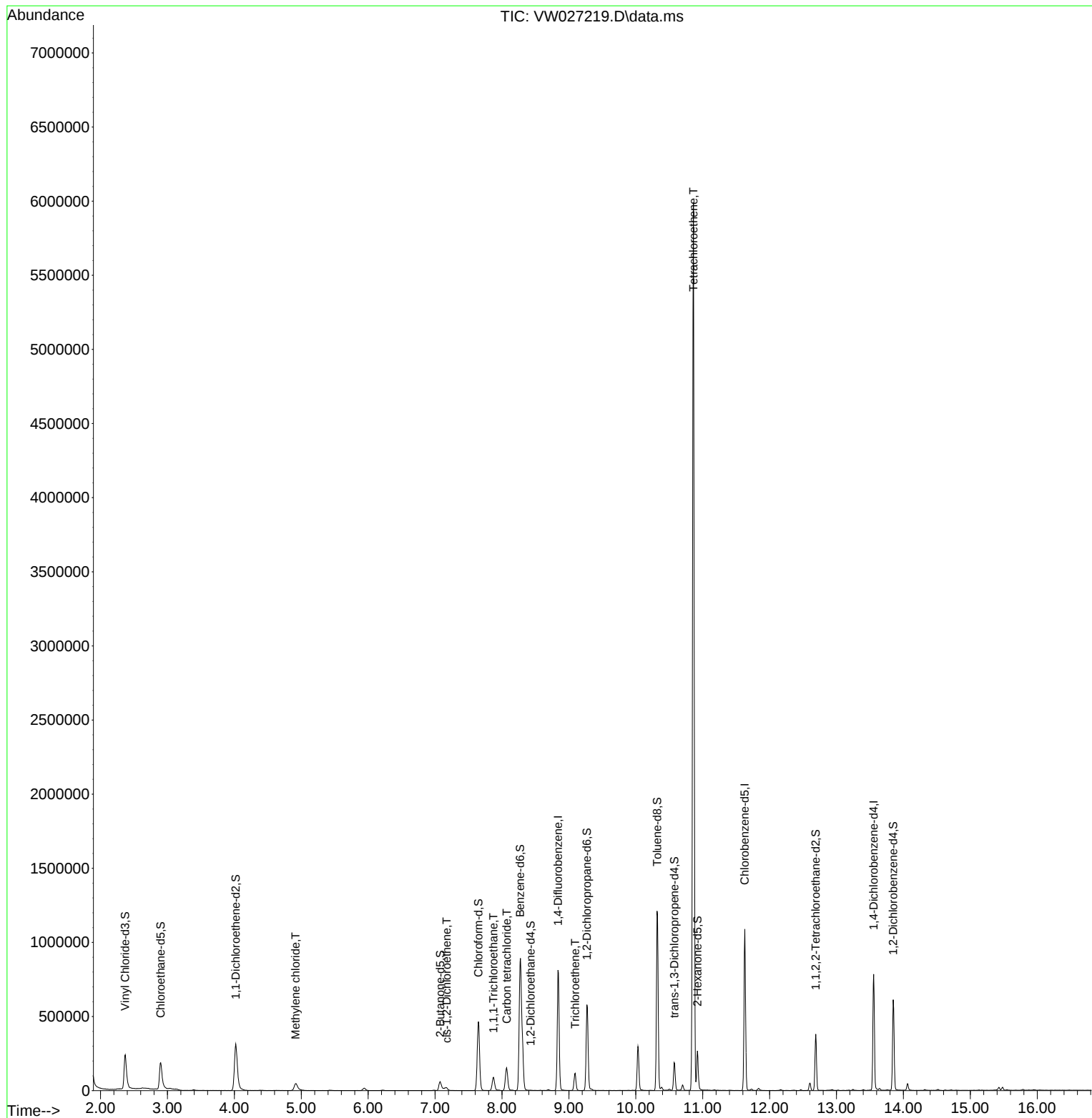
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	712181	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	608943	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	216442	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	367878	32.877	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	131.520%	
7) Chloroethane-d5	2.899	69	289760	32.765	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	131.040%	
11) 1,1-Dichloroethene-d2	4.021	65	111305	23.942	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	95.760%	
21) 2-Butanone-d5	7.075	46	99244	42.904	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	85.800%	
24) Chloroform-d	7.648	84	478291	22.947	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	91.800%	
26) 1,2-Dichloroethane-d4	8.429	65	105	0.011	ug/L	0.12
Spiked Amount	25.000	Range 70 - 130	Recovery	=	0.040%#	
32) Benzene-d6	8.270	84	975319	26.134	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	104.520%	
36) 1,2-Dichloropropane-d6	9.270	67	287854	25.764	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	103.040%	
41) Toluene-d8	10.319	98	831129	25.237	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	100.960%	
43) trans-1,3-Dichloroprop...	10.575	79	112938	25.758	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	103.040%	
47) 2-Hexanone-d5	10.922	63	93479	54.693	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	109.380%	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	192511	22.514	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	90.040%	
66) 1,2-Dichlorobenzene-d4	13.849	152	164735	22.700	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	90.800%	
Target Compounds						Qvalue
16) Methylene chloride	4.917	84	43272	3.104	ug/L	94
20) cis-1,2-Dichloroethene	7.173	96	9780	0.774	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	74383	4.914	ug/L	99
31) Carbon tetrachloride	8.069	117	122908	8.596	ug/L	98
34) Trichloroethene	9.093	95	41596	3.701	ug/L	94
46) Tetrachloroethene	10.861	164	1337279	151.359	ug/L	98

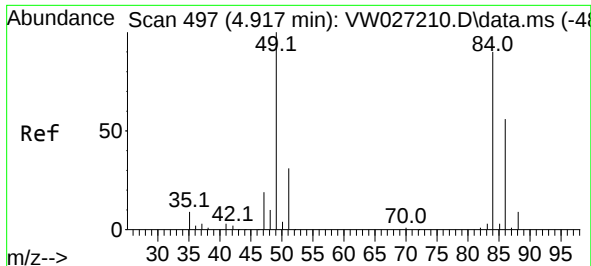
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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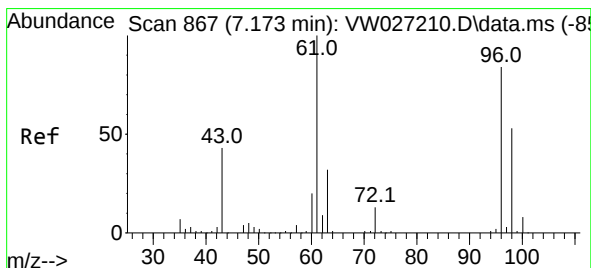
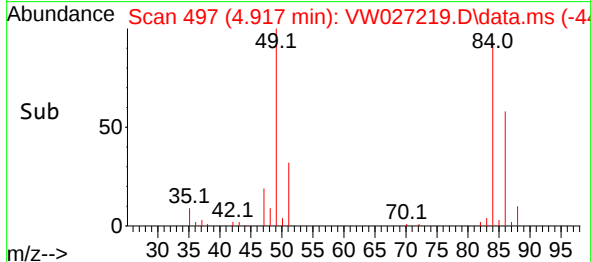
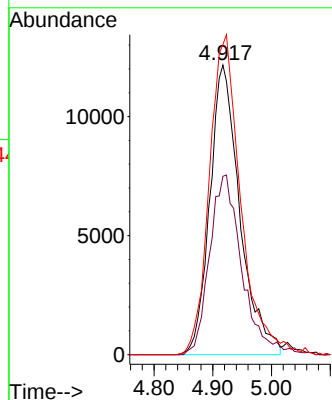
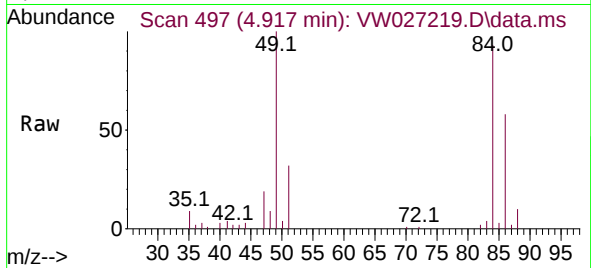




#16
Methylene chloride
Concen: 3.104 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW027219.D
Acq: 04 Oct 2023 15:51

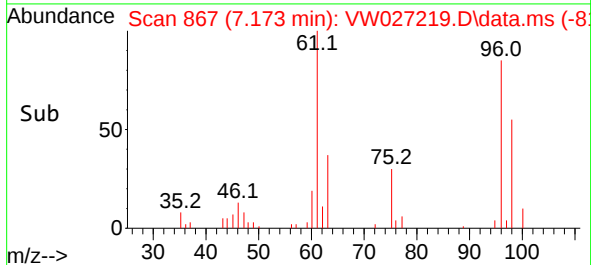
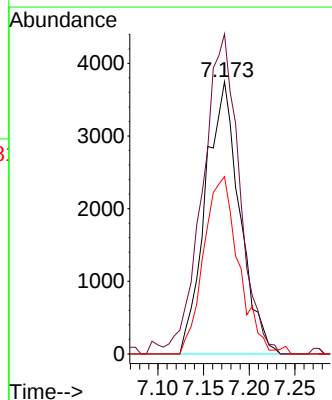
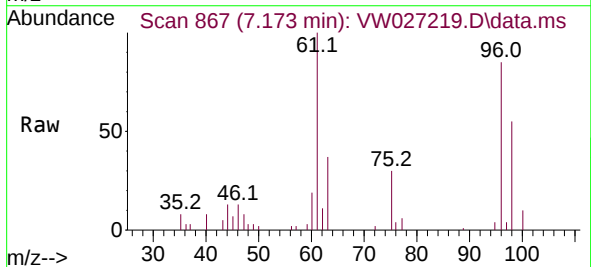
Instrument :
MSVOA_W
ClientSampleId :

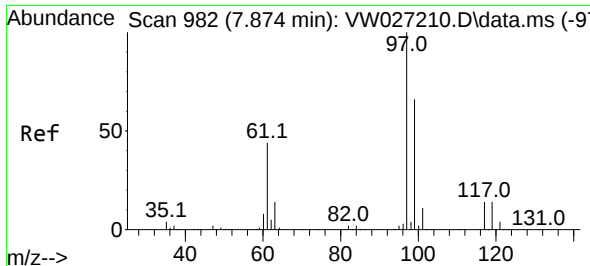
Tgt Ion: 84 Resp: 43272
Ion Ratio Lower Upper
84 100
86 61.6 45.1 83.9
49 107.1 80.9 150.3



#20
cis-1,2-Dichloroethene
Concen: 0.774 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW027219.D
Acq: 04 Oct 2023 15:51

Tgt Ion: 96 Resp: 9780
Ion Ratio Lower Upper
96 100
61 117.5 82.7 153.5
98 65.1 43.0 80.0





#30

1,1,1-Trichloroethane

Concen: 4.914 ug/L

RT: 7.874 min Scan# 9

Delta R.T. -0.000 min

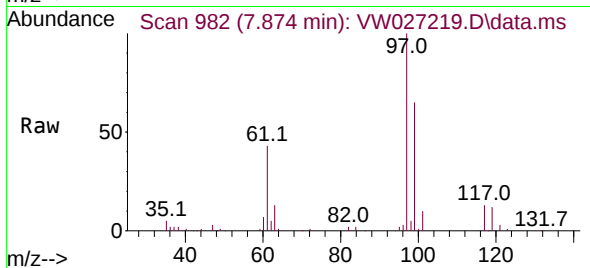
Lab File: VW027219.D

Acq: 04 Oct 2023 15:51

Instrument :

MSVOA_W

ClientSampleId :



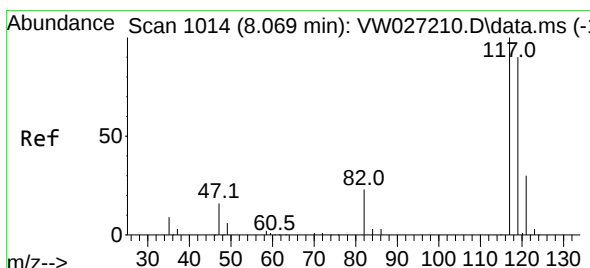
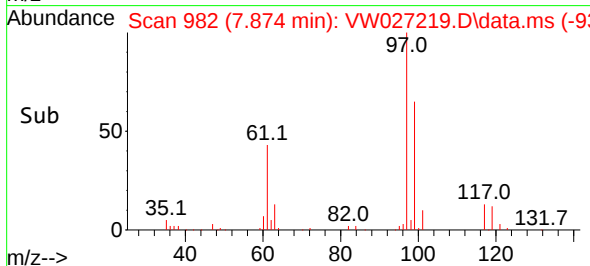
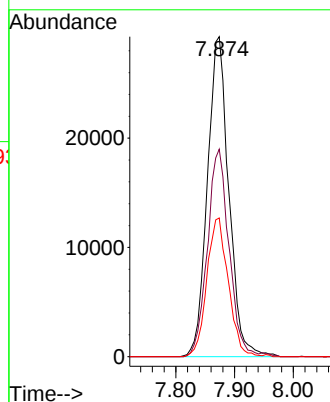
Tgt Ion: 97 Resp: 74383

Ion Ratio Lower Upper

97 100

99 65.0 50.8 76.2

61 43.4 34.6 52.0



#31

Carbon tetrachloride

Concen: 8.596 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW027219.D

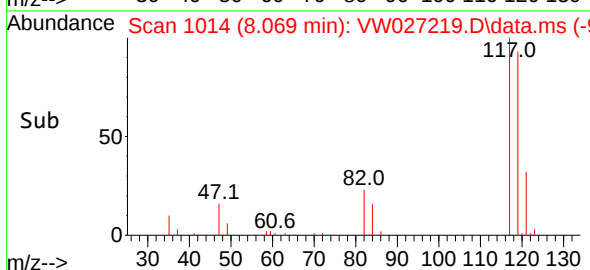
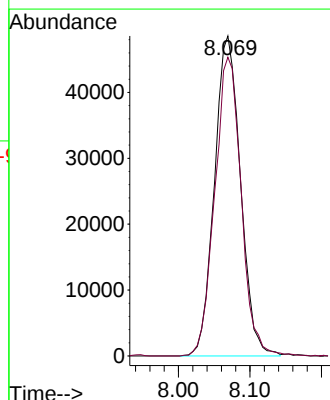
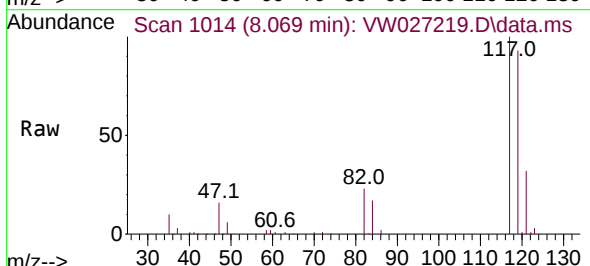
Acq: 04 Oct 2023 15:51

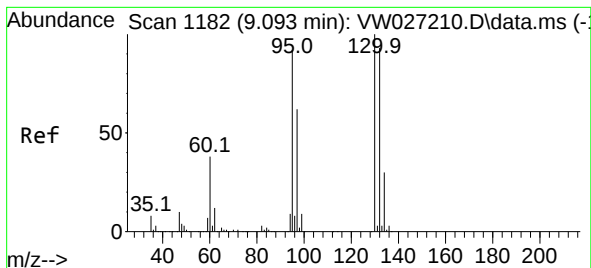
Tgt Ion: 117 Resp: 122908

Ion Ratio Lower Upper

117 100

119 94.7 77.0 115.6





#34

Trichloroethene

Concen: 3.701 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

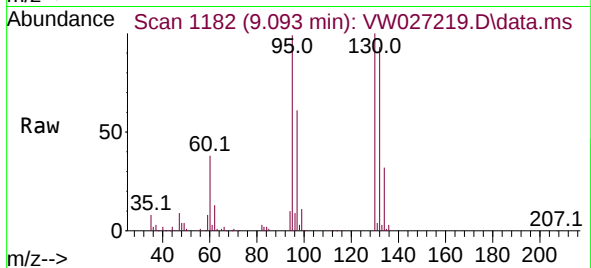
Lab File: VW027219.D

Acq: 04 Oct 2023 15:51

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 41596

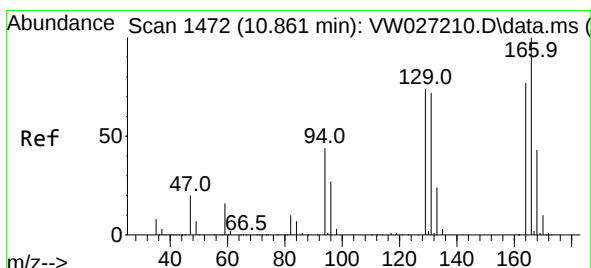
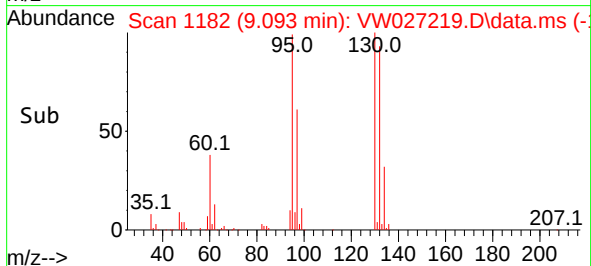
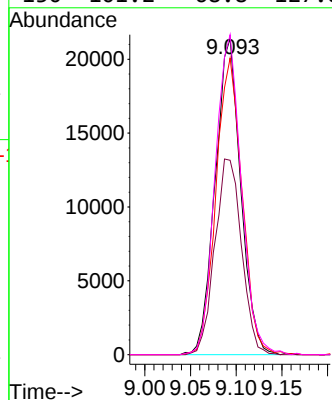
Ion Ratio Lower Upper

95 100

97 61.5 46.1 85.7

132 93.8 71.5 132.9

130 101.2 68.8 127.8



#46

Tetrachloroethene

Concen: 151.359 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW027219.D

Acq: 04 Oct 2023 15:51

Tgt Ion: 164 Resp: 1337279

Ion Ratio Lower Upper

164 100

129 91.4 60.3 112.1

131 94.0 66.1 122.7

166 128.5 89.4 166.0

