

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111324\
 Data File : VU061642.D
 Acq On : 13 Nov 2024 22:59
 Operator : MD/SY
 Sample : VU1113WBL02
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 14 04:07:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 14 04:06:27 2024
 Response via : Initial Calibration

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

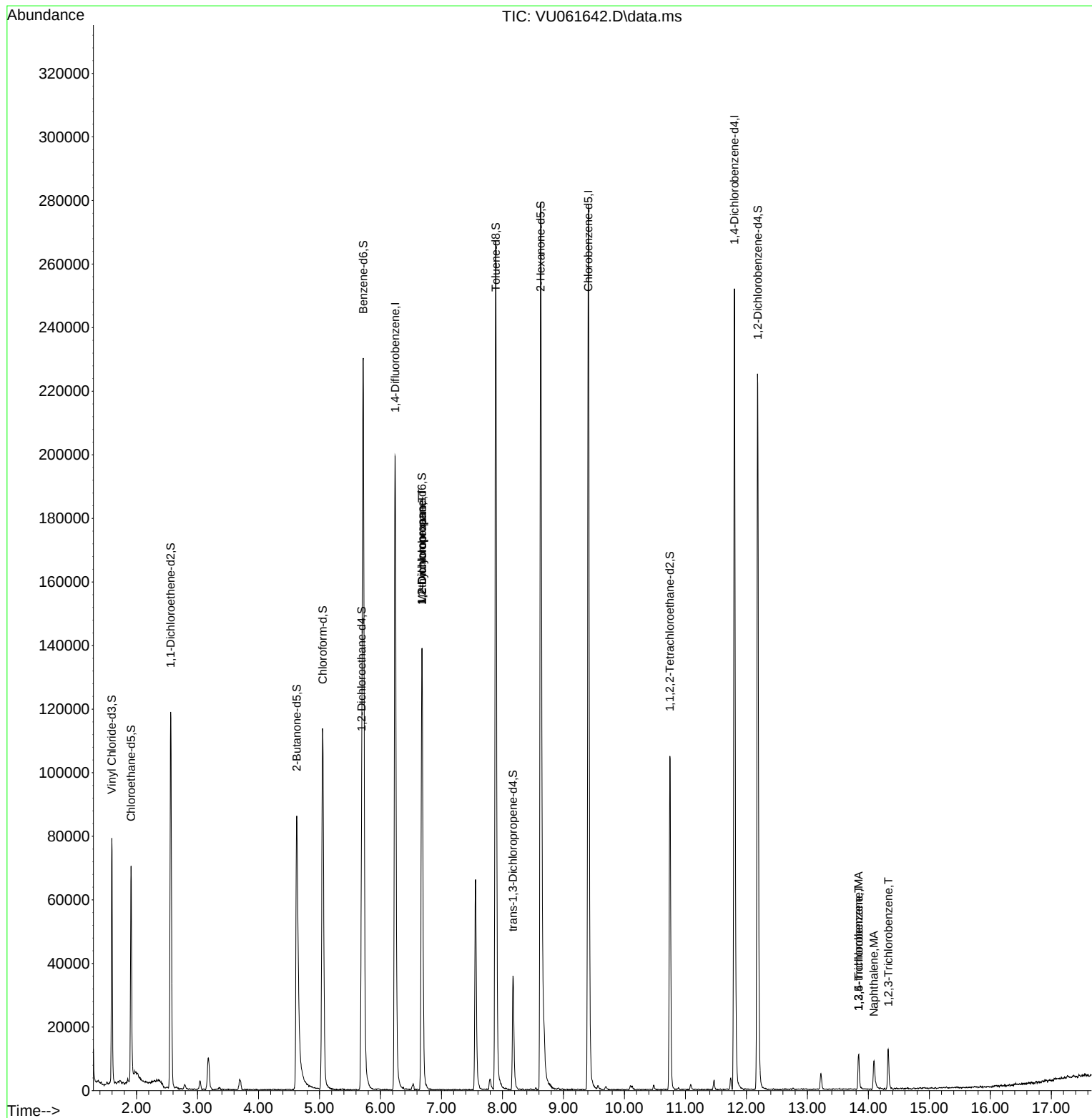
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	178199	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	161126	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	69952	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	53548	4.651	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.911	69	48707	4.955	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.200%
11) 1,1-Dichloroethene-d2	2.560	65	22656	4.386	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.800%
20) 2-Butanone-d5	4.628	46	128449	52.561	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.120%
24) Chloroform-d	5.052	84	108833	4.756	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.692	65	57914	5.273	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.718	84	224891	5.045	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	6.679	67	69887	5.316	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.400%
41) Toluene-d8	7.891	98	188492	4.537	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.800%
43) trans-1,3-Dichloroprop...	8.174	79	23332	4.818	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.400%
46) 2-Hexanone-d5	8.627	63	106099	55.445	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.880%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	53325	5.145	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	62232	4.995	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.682	83	15712	0.791	ug/L #	21
37) 1,2-Dichloropropane	6.682	63	7456	0.603	ug/L #	89
69) 1,3,5-Trichlorobenzene	13.839	180	4202	0.271	ug/L	97
70) 1,2,4-trichlorobenzene	13.839	180	4202	0.349	ug/L	99
71) Naphthalene	14.090	128	11533	0.667	ug/L	97
72) 1,2,3-Trichlorobenzene	14.328	180	4624	0.458	ug/L	97

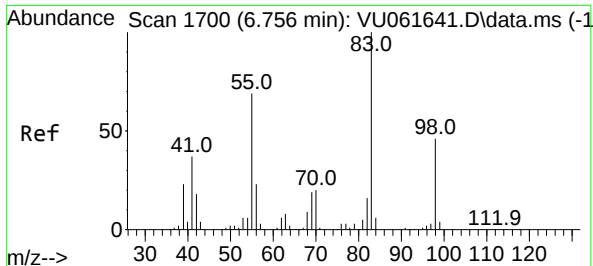
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.791 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU061642.D

Acq: 13 Nov 2024 22:59

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MSVOA_U

ClientSampleId :

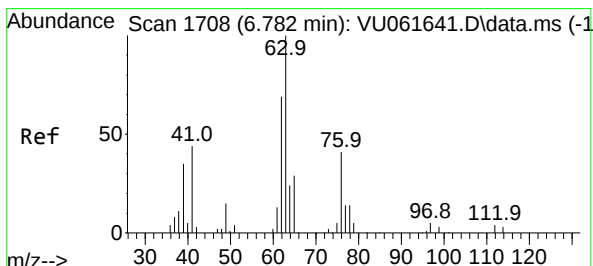
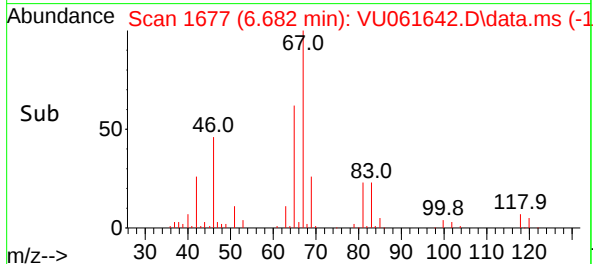
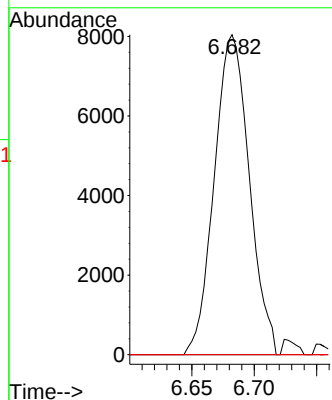
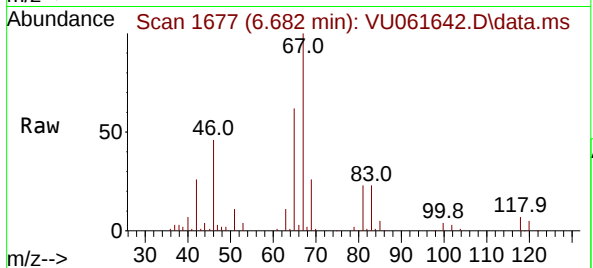
Tgt Ion: 83 Resp: 15712

Ion Ratio Lower Upper

83 100

55 0.0 56.4 84.6#

98 0.2 37.7 56.5#



#37

1,2-Dichloropropane

Concen: 0.603 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.099 min

Lab File: VU061642.D

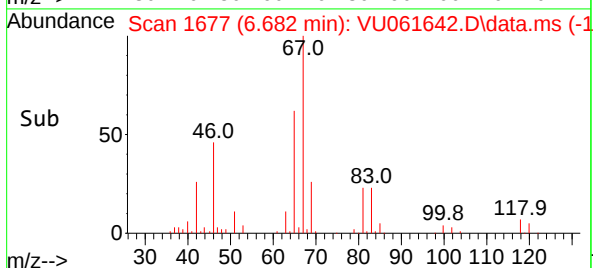
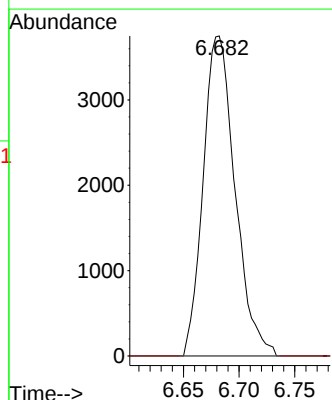
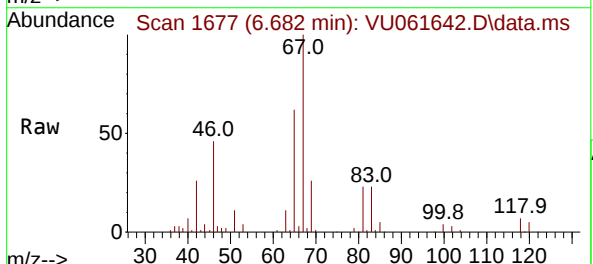
Acq: 13 Nov 2024 22:59

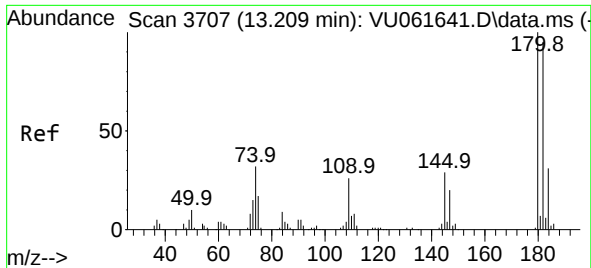
Tgt Ion: 63 Resp: 7456

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.4#





#69

1,3,5-Trichlorobenzene

Concen: 0.271 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.630 min

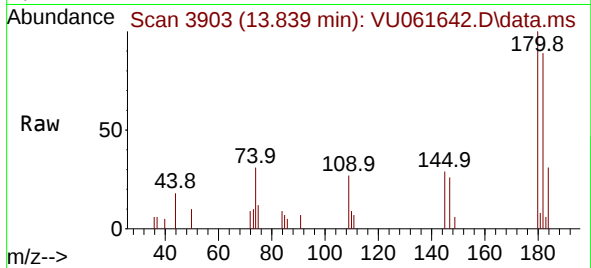
Lab File: VU061642.D

Acq: 13 Nov 2024 22:59

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 4202

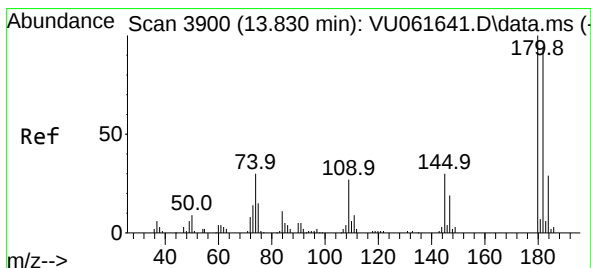
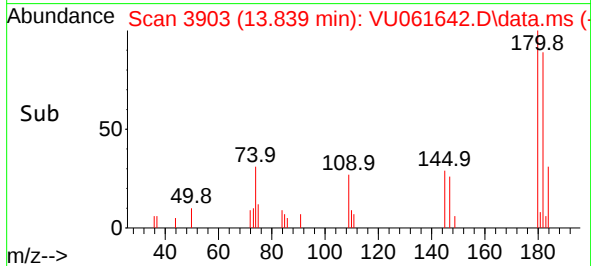
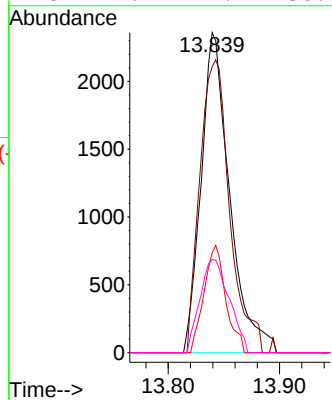
Ion Ratio Lower Upper

180 100

182 95.4 77.1 115.7

184 25.6 24.7 37.1

145 29.7 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 0.349 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. 0.010 min

Lab File: VU061642.D

Acq: 13 Nov 2024 22:59

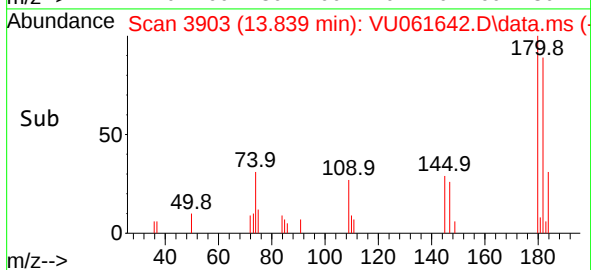
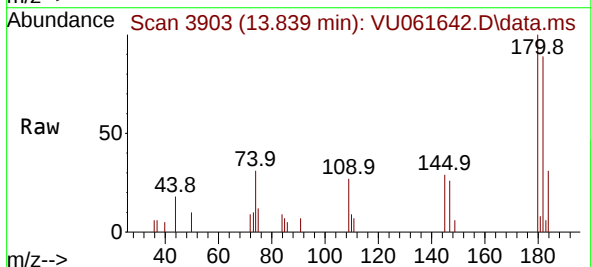
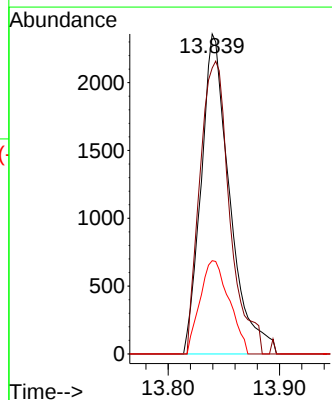
Tgt Ion:180 Resp: 4202

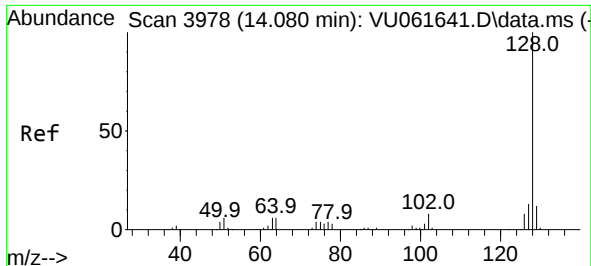
Ion Ratio Lower Upper

180 100

182 95.4 77.4 116.0

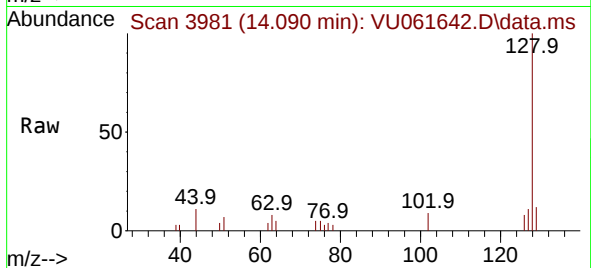
145 29.7 24.5 36.7



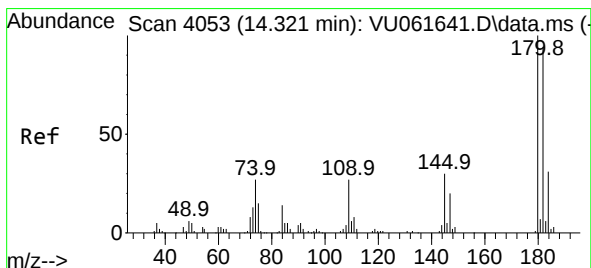
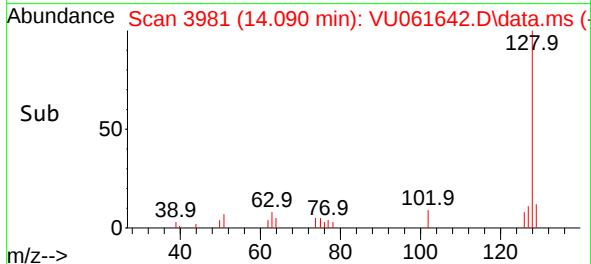
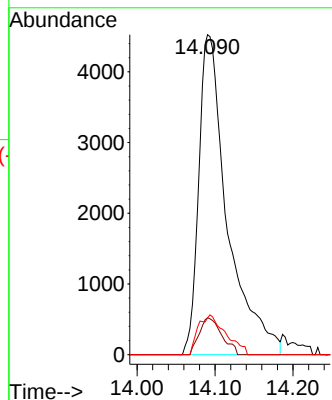


#71
Naphthalene
Concen: 0.667 ug/L
RT: 14.090 min Scan# 3978
Delta R.T. 0.010 min
Lab File: VU061642.D
Acq: 13 Nov 2024 22:59

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 11533
Ion Ratio Lower Upper
128 100
129 9.0 8.5 12.7
127 11.9 10.4 15.6



#72
1,2,3-Trichlorobenzene
Concen: 0.458 ug/L
RT: 14.328 min Scan# 4055
Delta R.T. 0.007 min
Lab File: VU061642.D
Acq: 13 Nov 2024 22:59

Tgt Ion:180 Resp: 4624
Ion Ratio Lower Upper
180 100
182 93.5 76.6 114.8
145 29.6 26.3 39.5

