

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100124\
 Data File : VU061049.D
 Acq On : 01 Oct 2024 17:25
 Operator : MD/SY
 Sample : P4227-04 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PMW-9D(20240926)

Quant Time: Oct 02 02:37:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 02 02:09:38 2024
 Response via : Initial Calibration

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

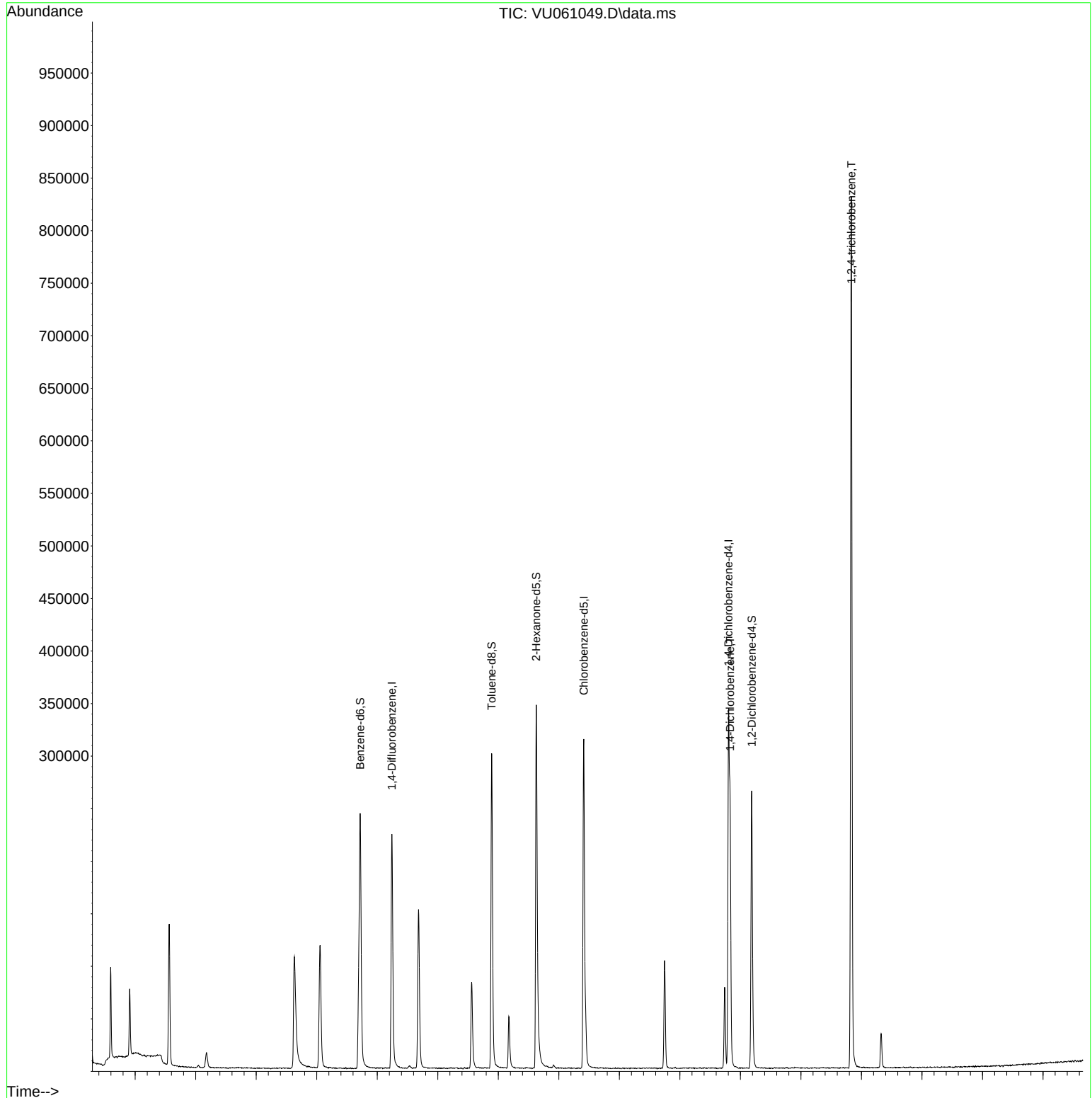
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	183103	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	170541	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	81286	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	60229	4.601	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.000%
7) Chloroethane-d5	1.911	69	45802	4.674	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.560	65	26657	4.616	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.400%
20) 2-Butanone-d5	4.631	46	159341	50.814	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.620%
24) Chloroform-d	5.055	84	108901	4.720	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.695	65	60549	4.951	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.718	84	222084	4.939	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	6.682	67	73138	4.953	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.891	98	202057	4.807	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
43) trans-1,3-Dichloroprop...	8.174	79	30114	4.769	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.400%
46) 2-Hexanone-d5	8.627	63	130315	49.862	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.720%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	53032	4.897	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	66517	5.118	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						
51) Chlorobenzene	9.441	112	21172	0.649	ug/L	94
64) 1,3-Dichlorobenzene	11.740	146	30039	1.289	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	90568	3.932	ug/L	96
67) 1,2-Dichlorobenzene	12.206	146	6950	0.323	ug/L #	92
70) 1,2,4-trichlorobenzene	13.833	180	234806	18.675	ug/L	97
72) 1,2,3-Trichlorobenzene	14.328	180	10557	1.009	ug/L	96

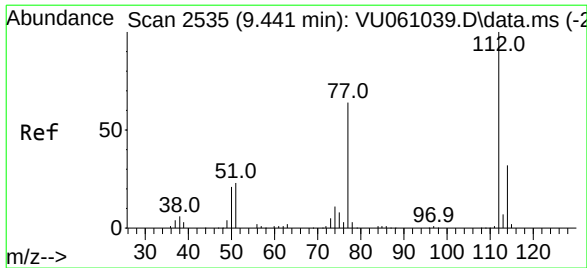
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 02 02:09:38 2024
Response via : Initial Calibration





#51

Chlorobenzene

Concen: 0.649 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU061049.D

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PMW-9D(20240926)

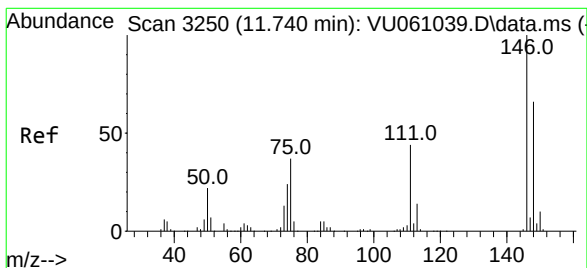
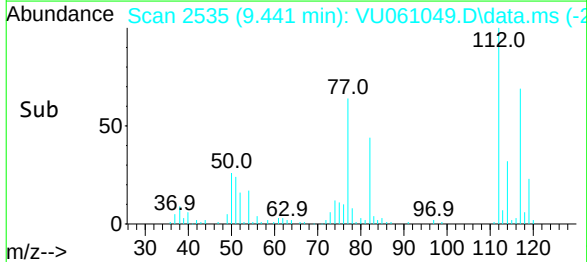
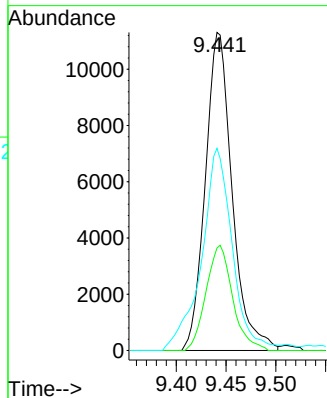
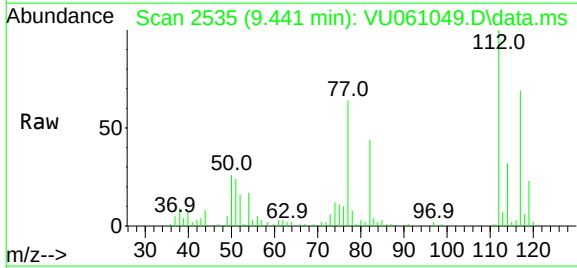
Tgt Ion:112 Resp: 21172

Ion Ratio Lower Upper

112 100

114 32.2 22.2 41.2

77 63.6 46.1 69.1



#64

1,3-Dichlorobenzene

Concen: 1.289 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. 0.003 min

Lab File: VU061049.D

Acq: 01 Oct 2024 17:25

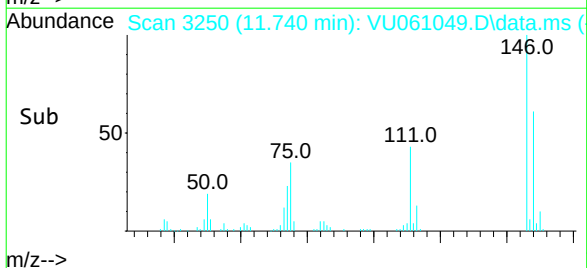
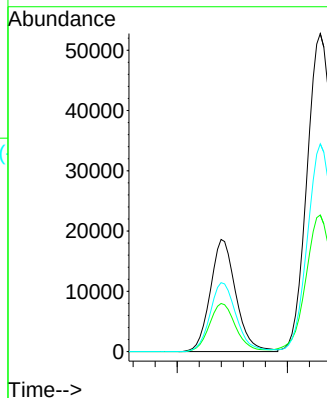
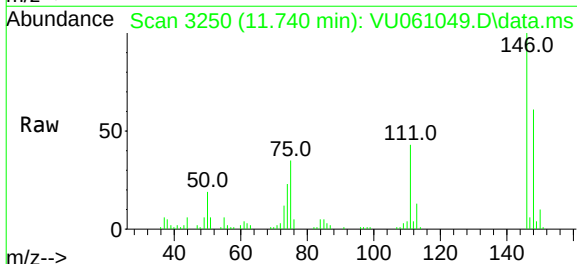
Tgt Ion:146 Resp: 30039

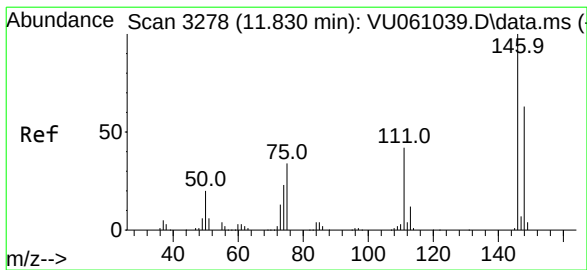
Ion Ratio Lower Upper

146 100

111 42.9 27.5 51.1

148 61.5 43.7 81.1





#65

1,4-Dichlorobenzene

Concen: 3.932 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VU061049.D

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Instrument :

MSVOA_U

ClientSampleId :

PMW-9D(20240926)

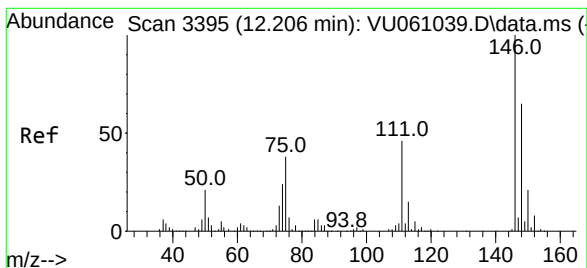
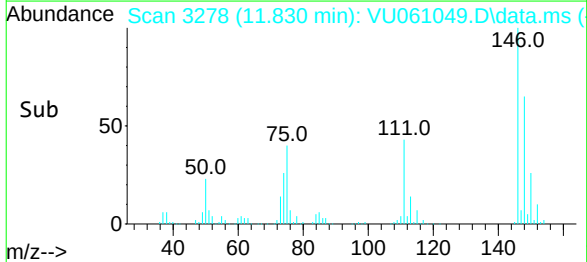
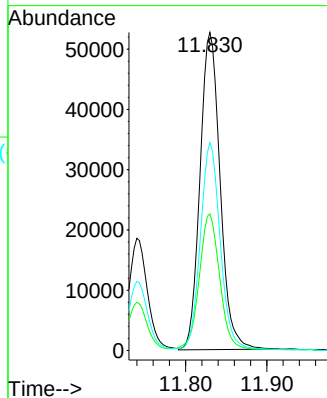
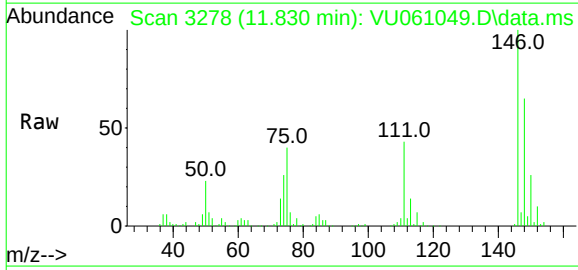
Tgt Ion:146 Resp: 90568

Ion Ratio Lower Upper

146 100

111 43.0 26.3 48.9

148 65.3 45.3 84.1



#67

1,2-Dichlorobenzene

Concen: 0.323 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU061049.D

Acq: 01 Oct 2024 17:25

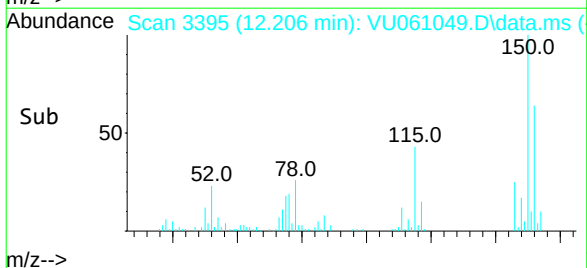
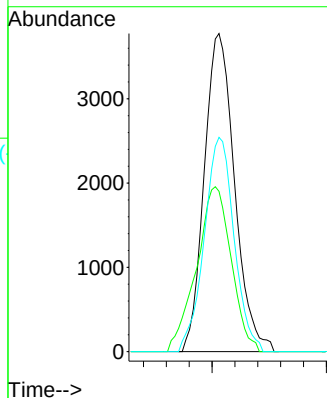
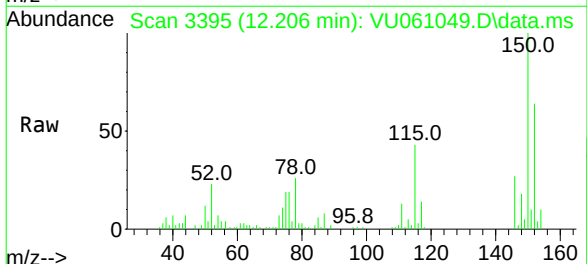
Tgt Ion:146 Resp: 6950

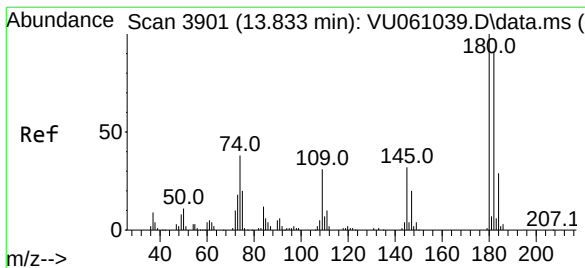
Ion Ratio Lower Upper

146 100

111 50.4 33.4 50.0#

148 67.4 50.9 76.3





#70

1,2,4-trichlorobenzene

Concen: 18.675 ug/L

RT: 13.833 min Scan# 39

Delta R.T. -0.000 min

Lab File: VU061049.D

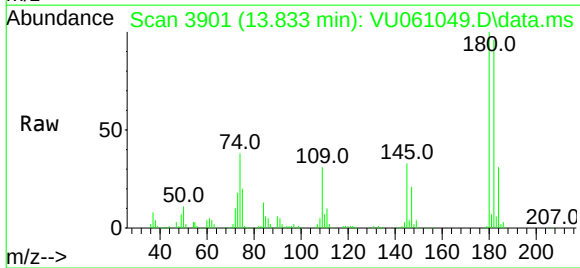
Acq: 01 Oct 2024 17:25

Instrument :

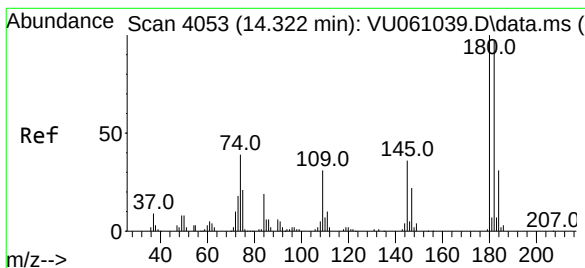
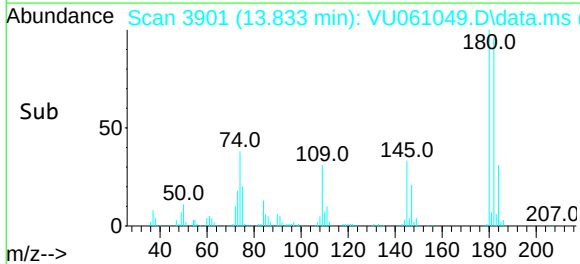
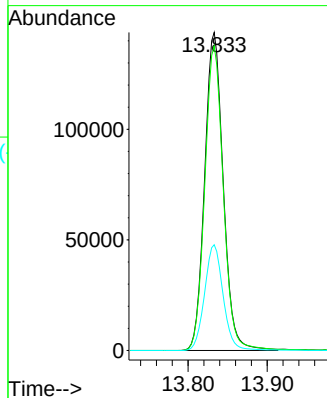
MSVOA_U

ClientSampleId :

PMW-9D(20240926)



Tgt Ion:	180	Resp:	234806
Ion Ratio	Lower	Upper	
180	100		
182	95.7	77.4	116.2
145	33.3	22.9	34.3



#72

1,2,3-Trichlorobenzene

Concen: 1.009 ug/L

RT: 14.328 min Scan# 4055

Delta R.T. 0.006 min

Lab File: VU061049.D

Acq: 01 Oct 2024 17:25

Tgt Ion:	180	Resp:	10557
Ion Ratio	Lower	Upper	
180	100		
182	91.6	75.7	113.5
145	32.3	23.5	35.3

