

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041924\
 Data File : VV035312.D
 Acq On : 19 Apr 2024 16:51
 Operator : SY/MD
 Sample : P2157-20
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 19 22:32:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 19 22:28:16 2024
 Response via : Initial Calibration

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

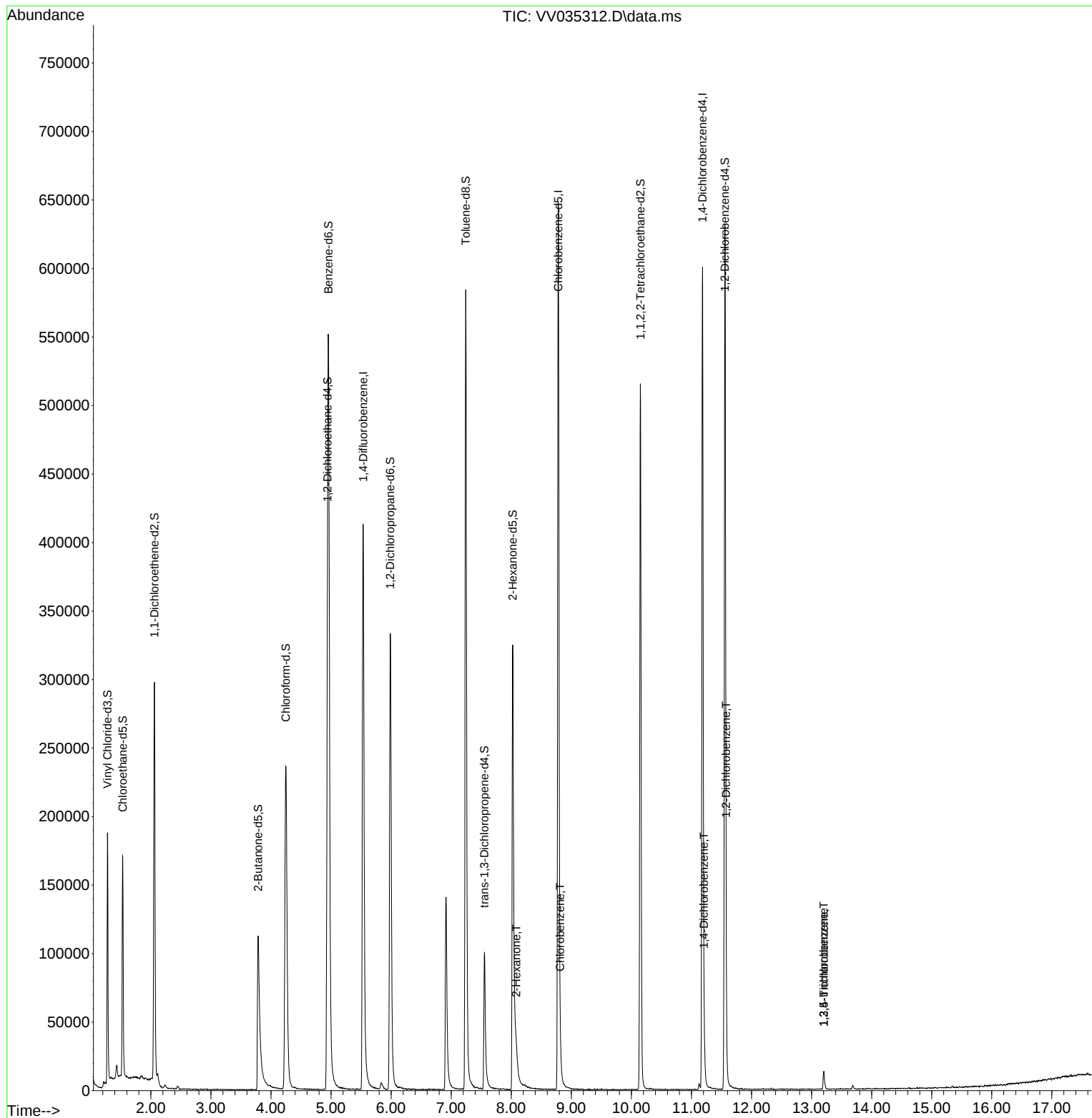
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	368211	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	367813	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	161102	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	118129	33.220	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.440%
7) Chloroethane-d5	1.532	69	106708	34.549	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.100%#
11) 1,1-Dichloroethene-d2	2.060	65	50614	32.470	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.940%
21) 2-Butanone-d5	3.786	46	190200	90.185	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.190%
24) Chloroform-d	4.246	84	260851	43.629	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.260%
26) 1,2-Dichloroethane-d4	4.941	65	170473	44.910	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.820%
32) Benzene-d6	4.957	84	499386	40.420	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.840%
36) 1,2-Dichloropropane-d6	5.986	67	171698	43.763	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.520%
41) Toluene-d8	7.243	98	407359	36.611	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.220%#
43) trans-1,3-Dichloroprop...	7.555	79	64641	33.891	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.780%
47) 2-Hexanone-d5	8.024	63	110603	74.563	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.560%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	252434	46.724	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.440%
66) 1,2-Dichlorobenzene-d4	11.558	152	167089	46.194	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.380%
Target Compounds						
					Qvalue	
48) 2-Hexanone	8.085	43	18540	5.151	ug/L #	74
51) Chlorobenzene	8.815	112	9461	1.163	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	10727	1.944	ug/L	96
67) 1,2-Dichlorobenzene	11.577	146	7625	1.410	ug/L	91
69) 1,3,5-Trichlorobenzene	13.204	180	4642	1.187	ug/L	98
70) 1,2,4-trichlorobenzene	13.204	180	4642	1.292	ug/L	98

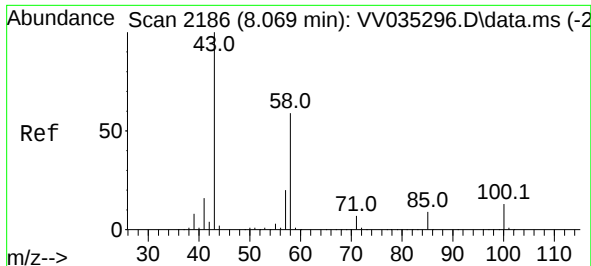
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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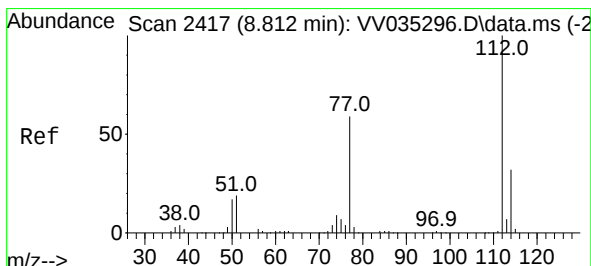
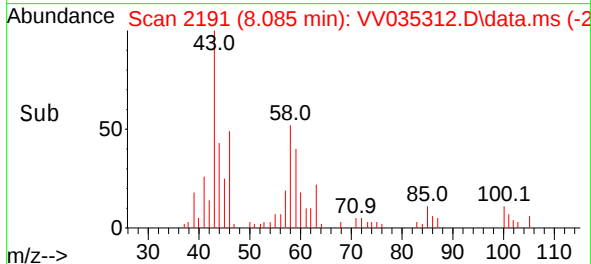
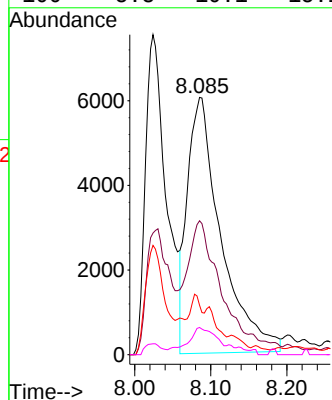
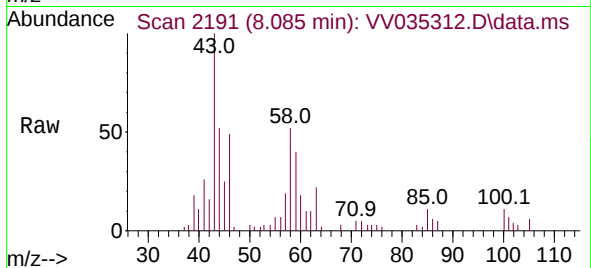




#48
2-Hexanone
Concen: 5.151 ug/L
RT: 8.085 min Scan# 2186
Delta R.T. 0.016 min
Lab File: VV035312.D
Acq: 19 Apr 2024 16:51

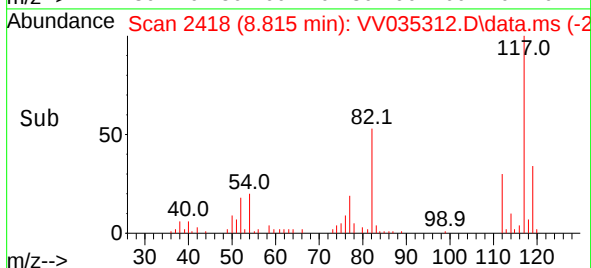
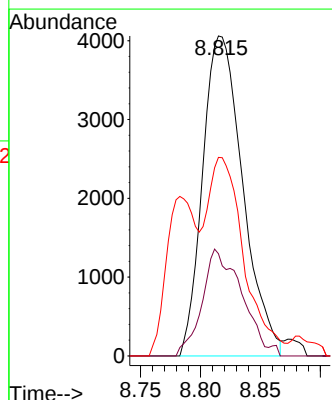
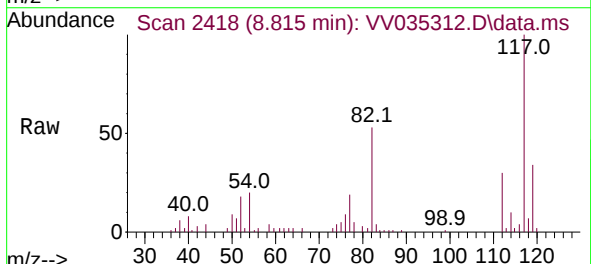
Instrument :
MSVOA_V
ClientSampleId :

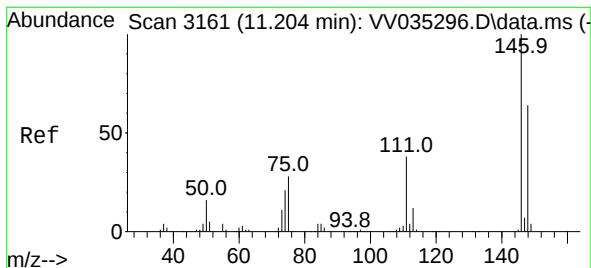
Tgt Ion: 43	Resp: 18540
Ion Ratio	Lower Upper
43	100
58	39.5 45.4 68.2#
57	2.7 16.2 24.4#
100	5.8 10.1 15.1#



#51
Chlorobenzene
Concen: 1.163 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV035312.D
Acq: 19 Apr 2024 16:51

Tgt Ion: 112	Resp: 9461
Ion Ratio	Lower Upper
112	100
114	32.0 22.0 41.0
77	62.1 47.4 71.2





#65

1,4-Dichlorobenzene

Concen: 1.944 ug/L

RT: 11.210 min Scan# 3161

Delta R.T. 0.007 min

Lab File: VV035312.D

Acq: 19 Apr 2024 16:51

Instrument :

MSVOA_V

ClientSampleId :

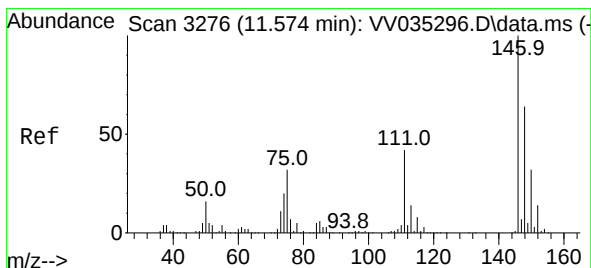
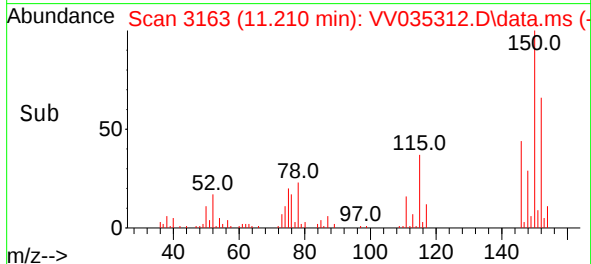
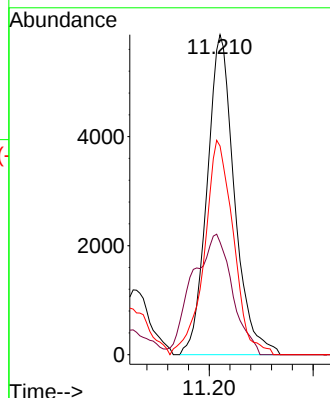
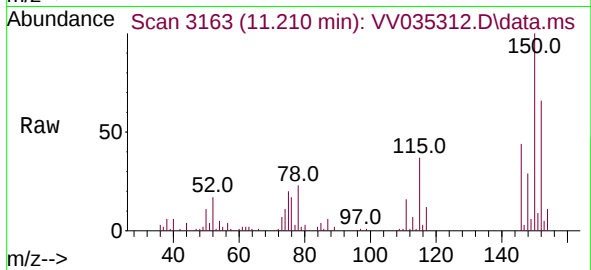
Tgt Ion:146 Resp: 10727

Ion Ratio Lower Upper

146 100

111 35.1 27.4 50.8

148 65.2 44.2 82.2



#67

1,2-Dichlorobenzene

Concen: 1.410 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.003 min

Lab File: VV035312.D

Acq: 19 Apr 2024 16:51

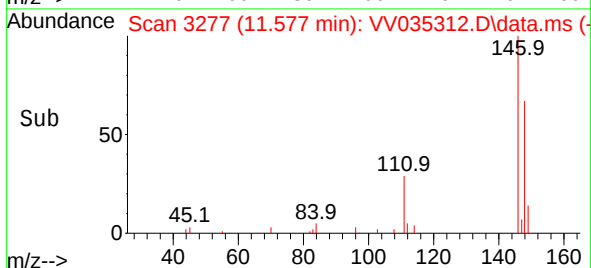
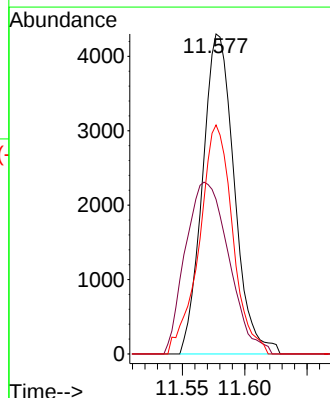
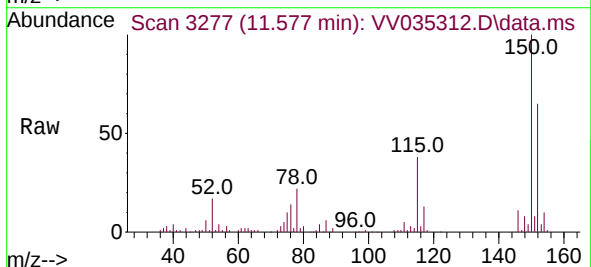
Tgt Ion:146 Resp: 7625

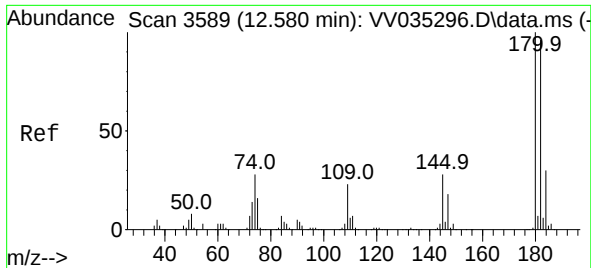
Ion Ratio Lower Upper

146 100

111 48.3 34.6 52.0

148 71.6 51.5 77.3





#69

1,3,5-Trichlorobenzene

Concen: 1.187 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.624 min

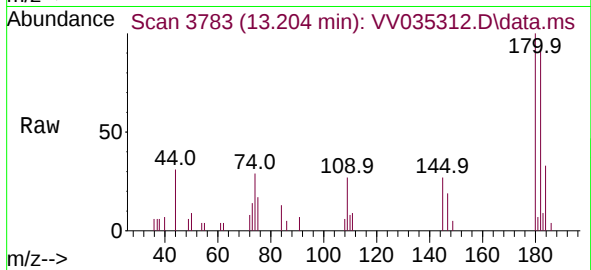
Lab File: VV035312.D

Acq: 19 Apr 2024 16:51

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 4642

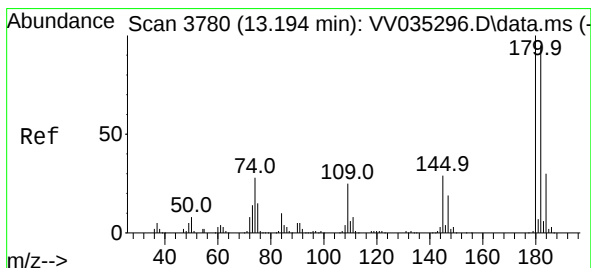
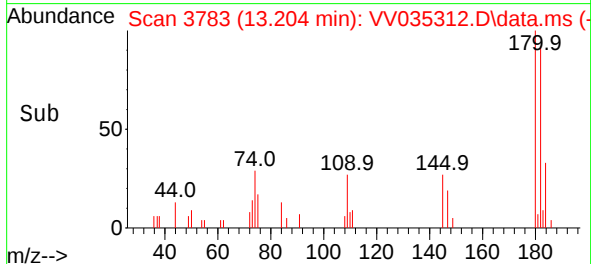
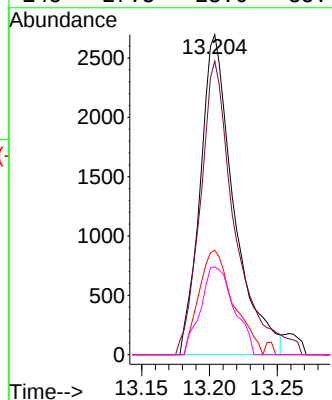
Ion Ratio Lower Upper

180 100

182 94.1 74.7 112.1

184 33.4 24.0 36.0

145 27.3 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 1.292 ug/L

RT: 13.204 min Scan# 3783

Delta R.T. 0.010 min

Lab File: VV035312.D

Acq: 19 Apr 2024 16:51

Tgt Ion:180 Resp: 4642

Ion Ratio Lower Upper

180 100

182 94.1 75.6 113.4

145 27.3 24.1 36.1

