

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111323\
 Data File : VD077550.D
 Acq On : 13 Nov 2023 15:41
 Operator : JC/SY
 Sample : 05296-03RE
 Misc : 3.33G/10ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BH3R3RE

Quant Time: Nov 16 00:42:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 10 02:07:44 2023
 Response via : Initial Calibration

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

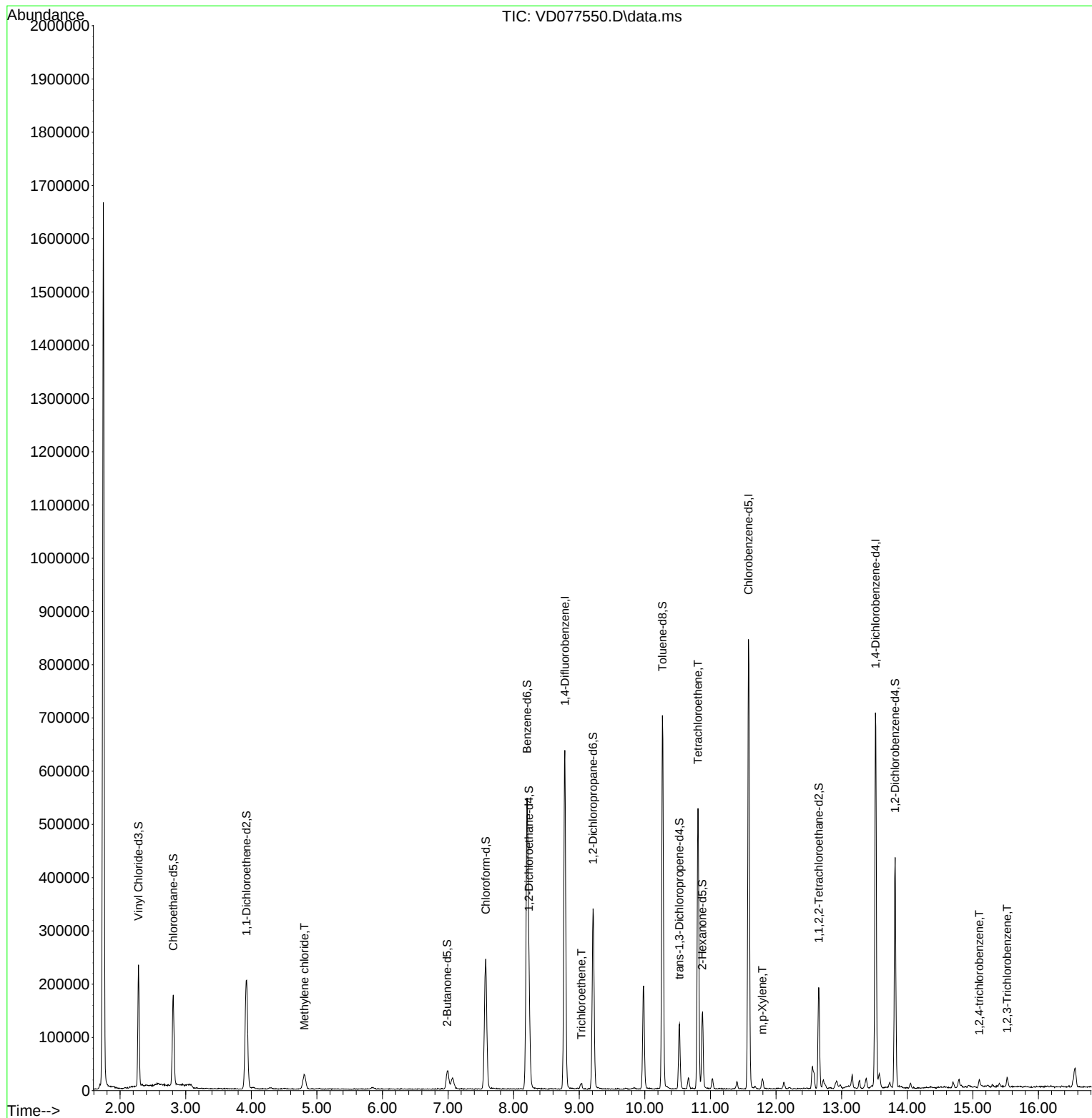
Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	524560	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	452721	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	177339	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	207337	15.538	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.160%
7) Chloroethane-d5	2.811	69	172722	16.477	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.920%
11) 1,1-Dichloroethene-d2	3.928	65	65265	15.817	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	63.280%
21) 2-Butanone-d5	6.987	46	66895	28.955	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	57.900%
24) Chloroform-d	7.575	84	250646	16.541	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	66.160%
26) 1,2-Dichloroethane-d4	8.234	65	132244	16.407	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	65.640%#
32) Benzene-d6	8.204	84	531111	18.075	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	72.320%
36) 1,2-Dichloropropane-d6	9.210	67	167405	17.491	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	69.960%#
41) Toluene-d8	10.269	98	468590	17.648	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	70.600%
43) trans-1,3-Dichloroprop...	10.528	79	67209	16.286	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	65.160%
47) 2-Hexanone-d5	10.875	63	51757	30.229	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.460%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	94399	14.886	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	59.560%
66) 1,2-Dichlorobenzene-d4	13.816	152	105261	16.685	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	66.720%#
Target Compounds						
					Qvalue	
16) Methylene chloride	4.810	84	18847	2.128	ug/L	94
34) Trichloroethene	9.034	95	2999	0.386	ug/L	94
46) Tetrachloroethene	10.810	164	116289	20.316	ug/L	94
53) m,p-Xylene	11.792	106	5792	0.439	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	3817	0.565	ug/L	91
72) 1,2,3-Trichlorobenzene	15.522	180	3618	0.628	ug/L #	82

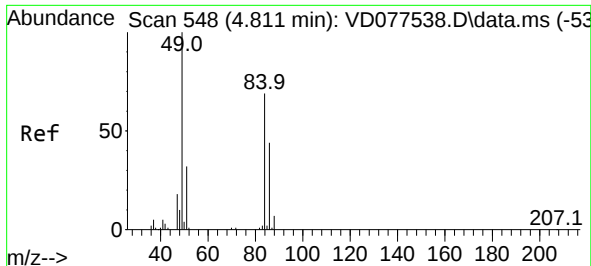
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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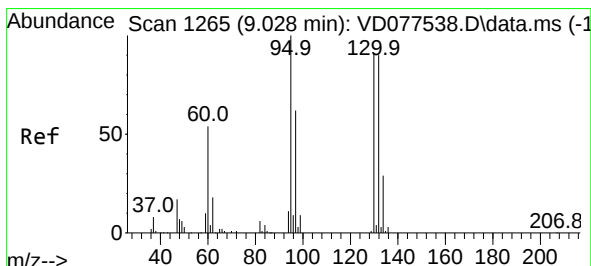
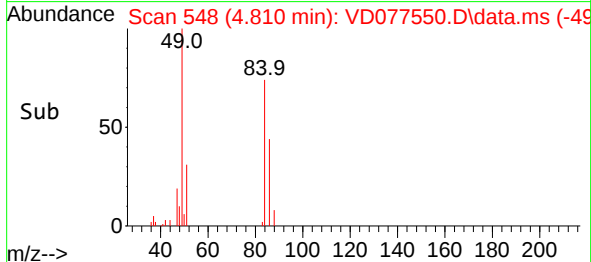
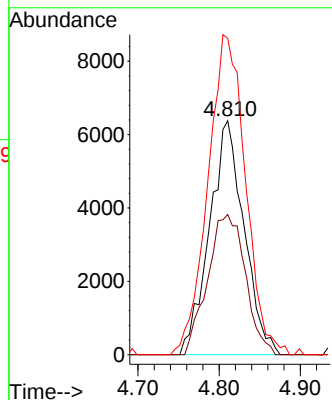
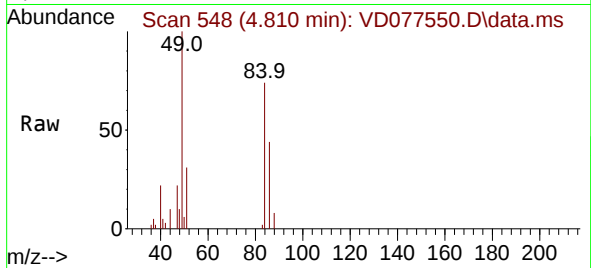




#16
Methylene chloride
Concen: 2.128 ug/L
RT: 4.810 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD077550.D
Acq: 13 Nov 2023 15:41

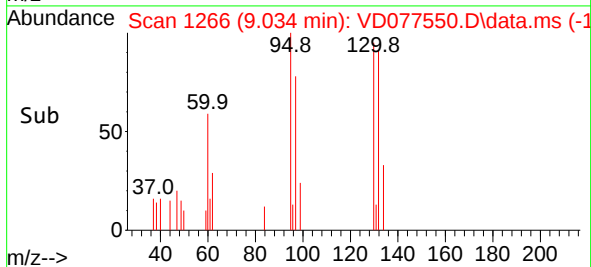
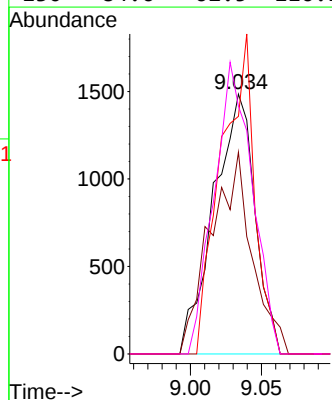
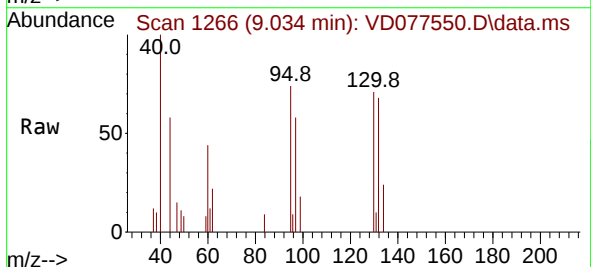
Instrument :
MSVOA_D
ClientSampleId :
BH3R3RE

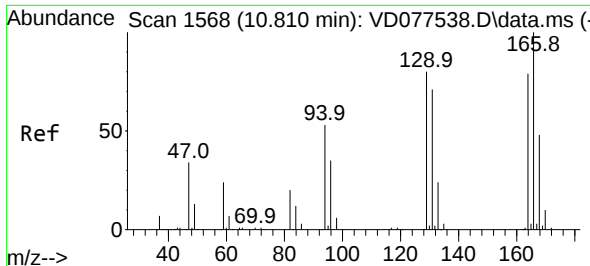
Tgt Ion: 84 Resp: 18847
Ion Ratio Lower Upper
84 100
86 59.9 46.5 86.5
49 135.2 98.3 182.7



#34
Trichloroethene
Concen: 0.386 ug/L
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD077550.D
Acq: 13 Nov 2023 15:41

Tgt Ion: 95 Resp: 2999
Ion Ratio Lower Upper
95 100
97 68.9 42.4 78.6
132 81.1 59.4 110.2
130 84.6 62.5 116.1

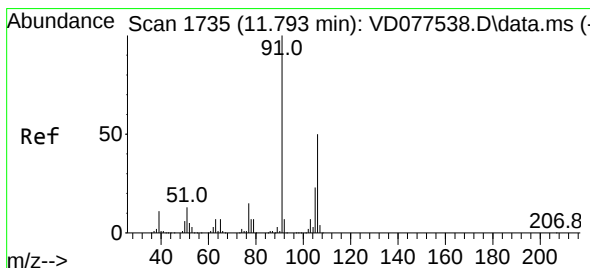
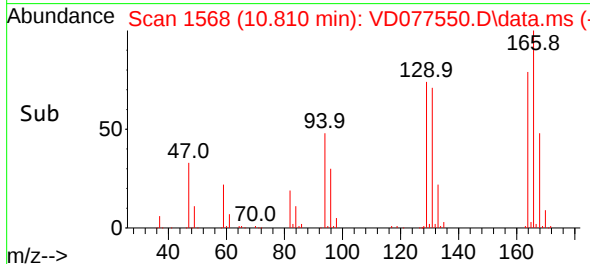
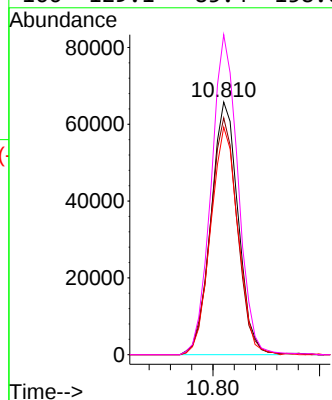
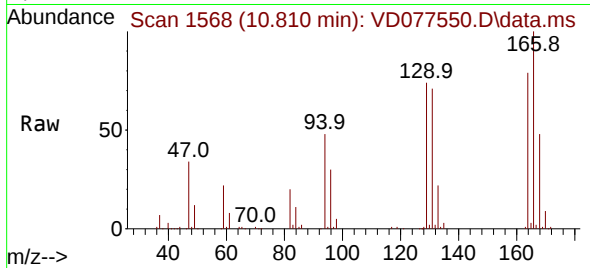




#46
Tetrachloroethene
Concen: 20.316 ug/L
RT: 10.810 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077550.D
Acq: 13 Nov 2023 15:41

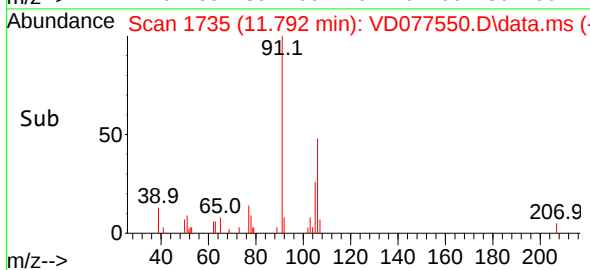
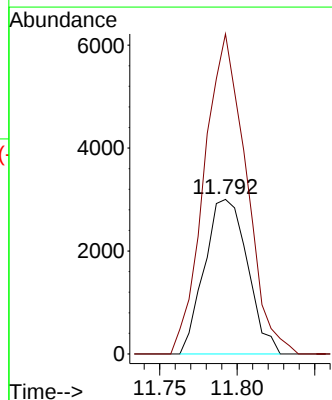
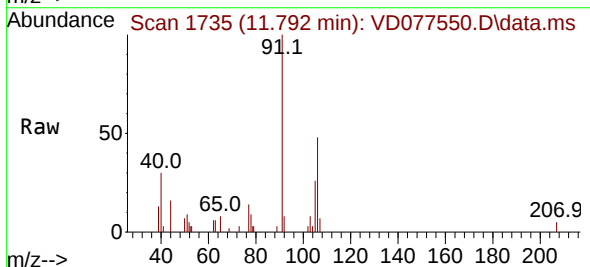
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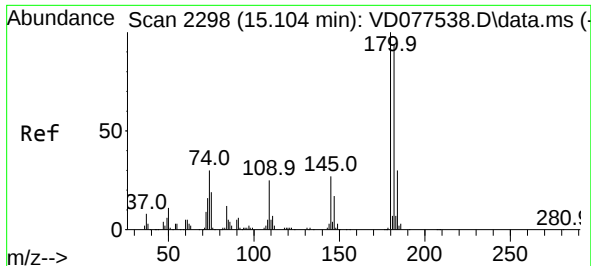
Tgt Ion:164 Resp: 116289
Ion Ratio Lower Upper
164 100
129 93.8 60.6 112.6
131 90.1 61.6 114.4
166 129.1 85.4 158.6



#53
m,p-Xylene
Concen: 0.439 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD077550.D
Acq: 13 Nov 2023 15:41

Tgt Ion:106 Resp: 5792
Ion Ratio Lower Upper
106 100
91 207.0 146.7 272.4

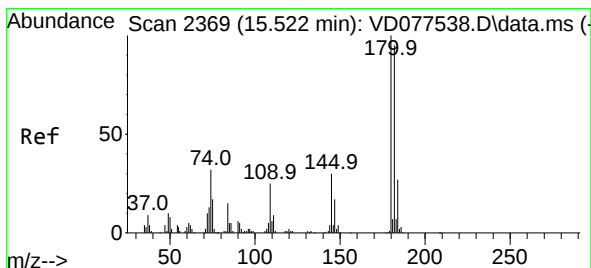
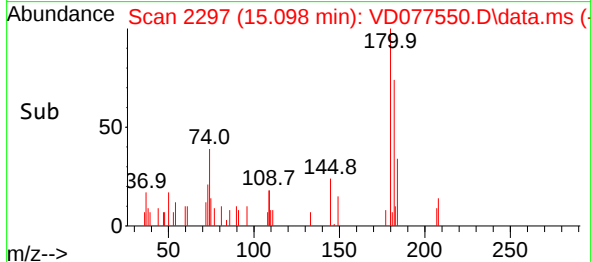
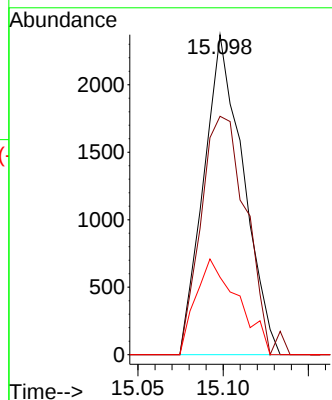
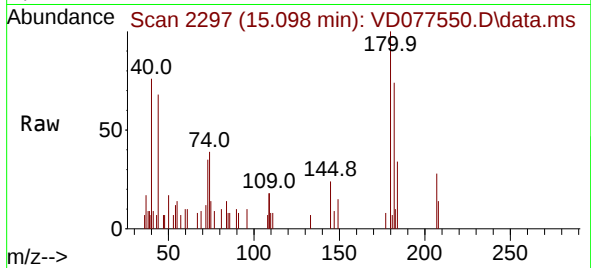




#70
1,2,4-trichlorobenzene
Concen: 0.565 ug/L
RT: 15.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD077550.D
Acq: 13 Nov 2023 15:41

Instrument :
MSVOA_D
ClientSampleId :
BH3R3RE

Tgt Ion:180 Resp: 3817
Ion Ratio Lower Upper
180 100
182 84.2 75.8 113.6
145 32.1 24.1 36.1



#72
1,2,3-Trichlorobenzene
Concen: 0.628 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077550.D
Acq: 13 Nov 2023 15:41

Tgt Ion:180 Resp: 3618
Ion Ratio Lower Upper
180 100
182 80.7 76.8 115.2
145 18.9 26.0 39.0#

