

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042122\
 Data File : VU048204.D
 Acq On : 22 Apr 2022 05:11
 Operator : SY/MD
 Sample : N2488-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JB1

Quant Time: Apr 22 06:38:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 02:51:38 2022
 Response via : Initial Calibration

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

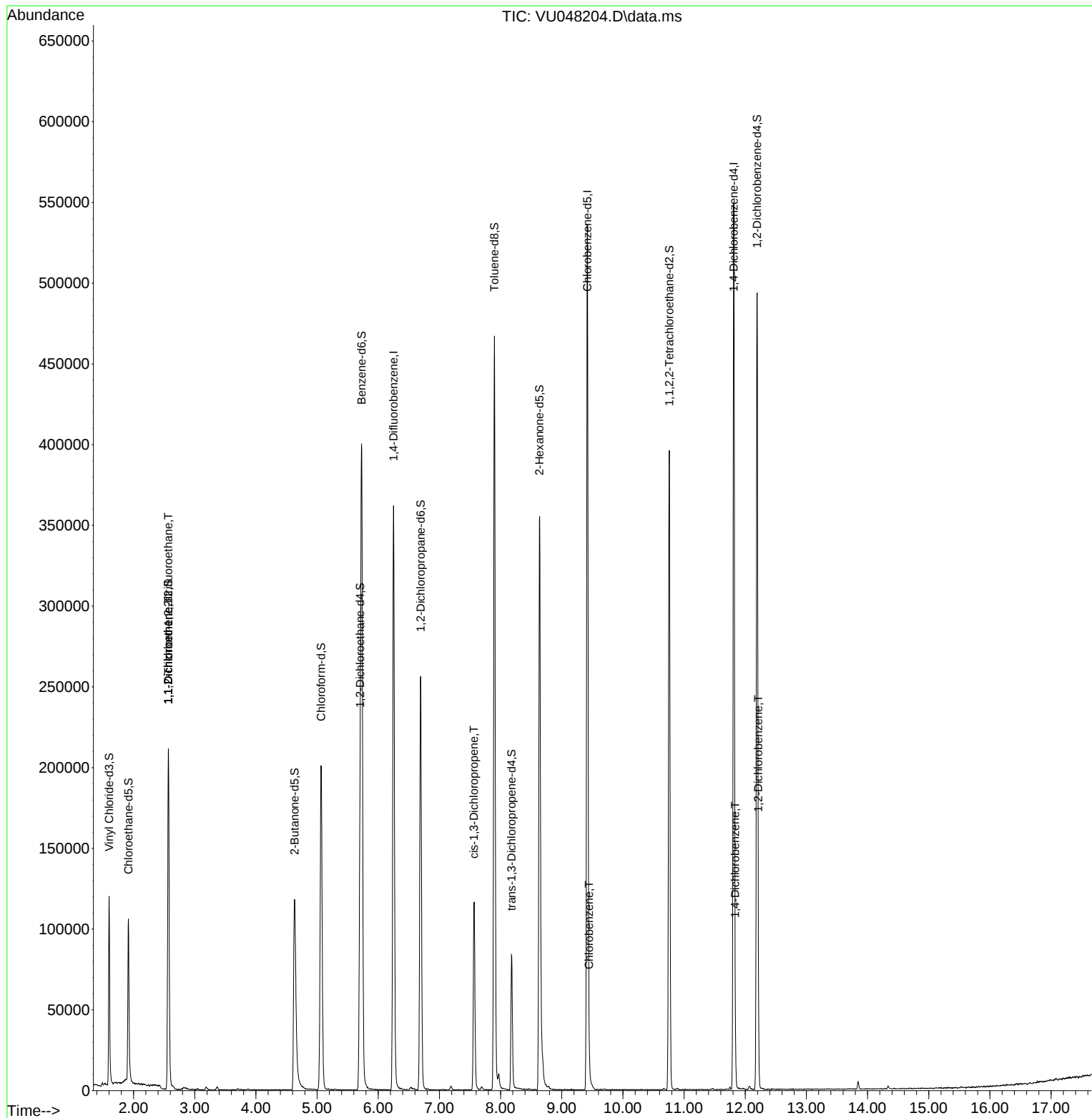
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	310366	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	324460	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	157097	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	90305	40.124	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	80.240%		
7) Chloroethane-d5	1.916	69	79526	44.812	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	89.620%		
11) 1,1-Dichloroethene-d2	2.568	63	124717	30.287	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	60.580%		
21) 2-Butanone-d5	4.633	46	187396	97.006	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.010%		
24) Chloroform-d	5.067	84	192588	46.766	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.540%		
26) 1,2-Dichloroethane-d4	5.703	65	118707	46.999	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.000%		
32) Benzene-d6	5.729	84	381391	46.714	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.420%		
36) 1,2-Dichloropropane-d6	6.694	67	129194	51.526	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	103.060%		
41) Toluene-d8	7.899	98	324702	40.820	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.640%		
43) trans-1,3-Dichloroprop...	8.179	79	49092	38.647	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	77.300%		
47) 2-Hexanone-d5	8.636	63	121855	83.019	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.020%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	202345	47.024	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.040%		
66) 1,2-Dichlorobenzene-d4	12.195	152	139950	50.073	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.140%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1074	0.469	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	946	0.444	ug/L #	1
39) cis-1,3-Dichloropropene	7.565	75	2694	0.727	ug/L #	44
51) Chlorobenzene	9.446	112	5671	0.811	ug/L	93
65) 1,4-Dichlorobenzene	11.835	146	6274	1.284	ug/L	95
67) 1,2-Dichlorobenzene	12.211	146	6245	1.323	ug/L #	93

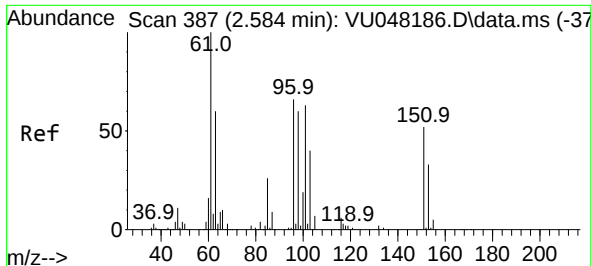
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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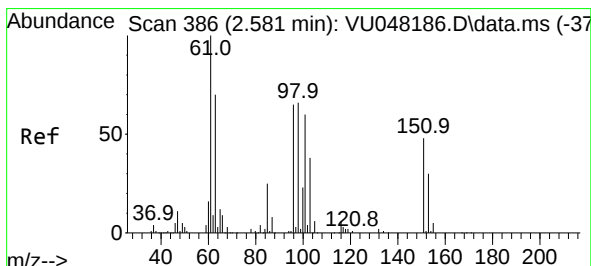
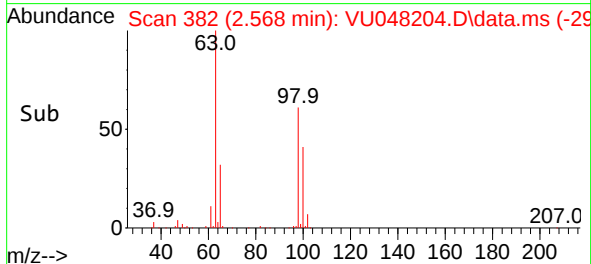
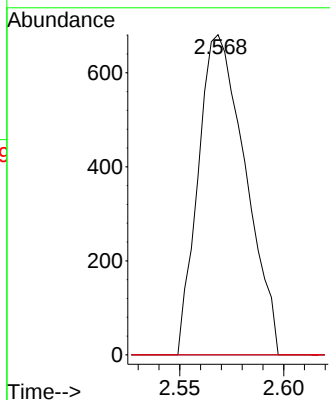
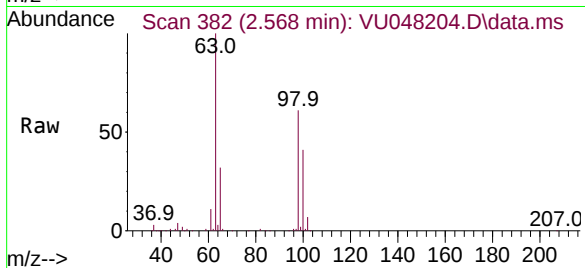




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.469 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.016 min
 Lab File: VU048204.D
 Acq: 22 Apr 2022 05:11

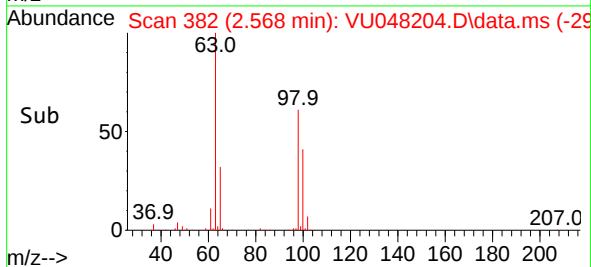
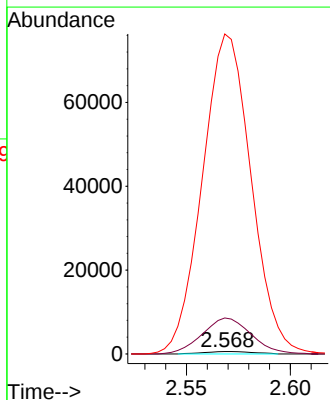
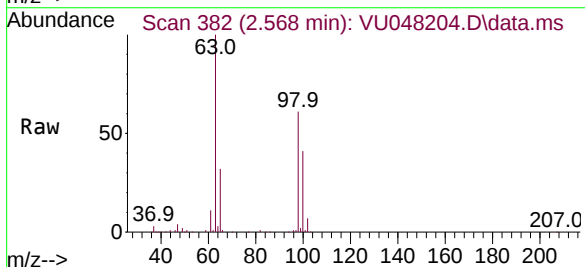
Instrument :
 MSVOA_V
 ClientSampleId :
 C0JB1

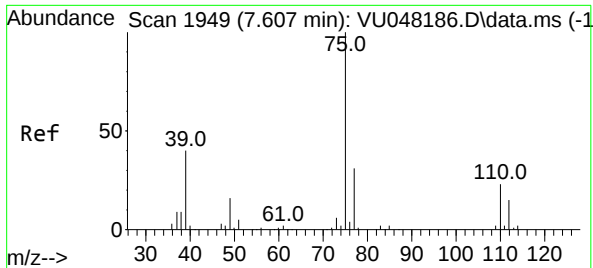
Tgt Ion:101 Resp: 1074
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.444 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.013 min
 Lab File: VU048204.D
 Acq: 22 Apr 2022 05:11

Tgt Ion: 96 Resp: 946
 Ion Ratio Lower Upper
 96 100
 61 1496.0 113.1 210.1#
 63 13274.4 94.8 176.0#





#39

cis-1,3-Dichloropropene

Concen: 0.727 ug/L

RT: 7.565 min Scan# 1949

Delta R.T. -0.042 min

Lab File: VU048204.D

Acq: 22 Apr 2022 05:11

Instrument :

MSVOA_V

ClientSampleId :

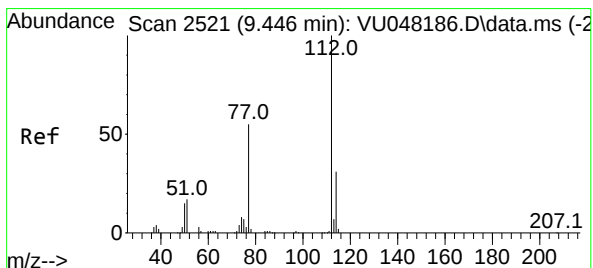
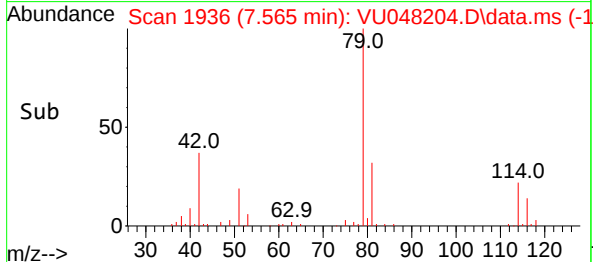
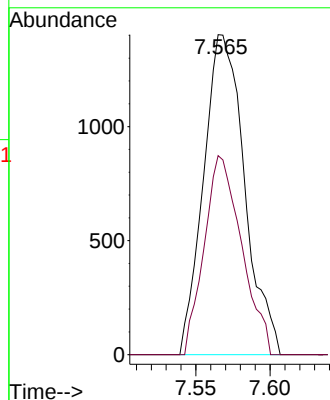
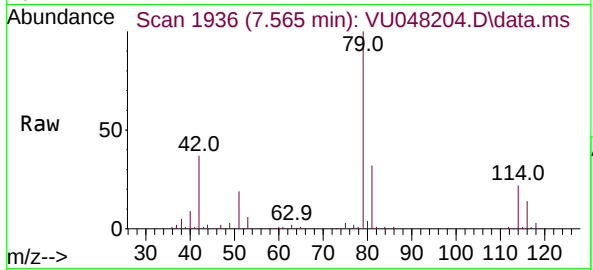
C0JB1

Tgt Ion: 75 Resp: 2694

Ion Ratio Lower Upper

75 100

77 62.2 21.8 40.6#



#51

Chlorobenzene

Concen: 0.811 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU048204.D

Acq: 22 Apr 2022 05:11

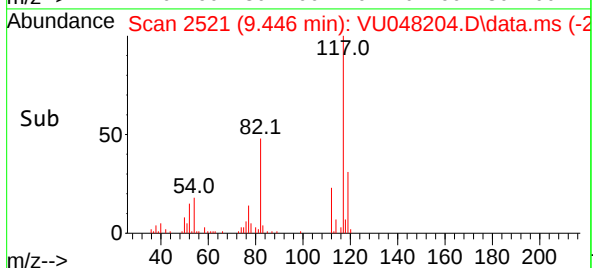
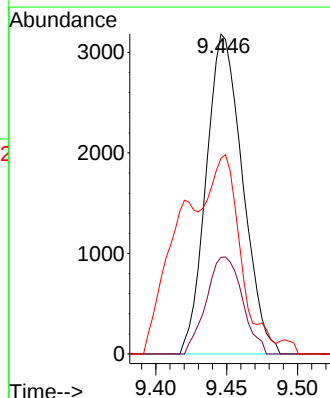
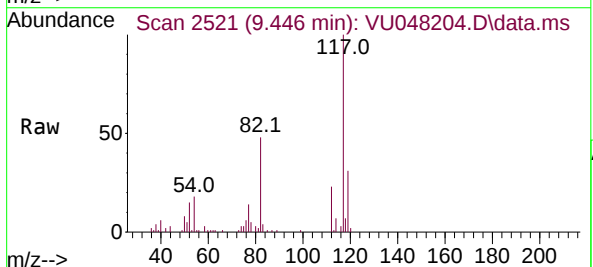
Tgt Ion: 112 Resp: 5671

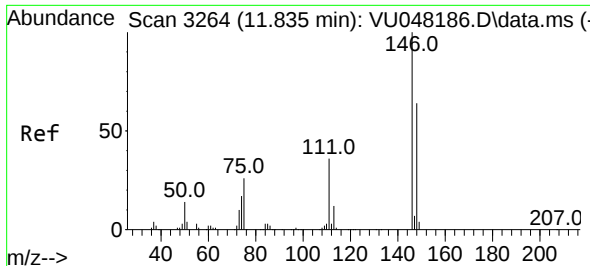
Ion Ratio Lower Upper

112 100

114 30.2 22.1 41.1

77 61.2 43.4 65.0

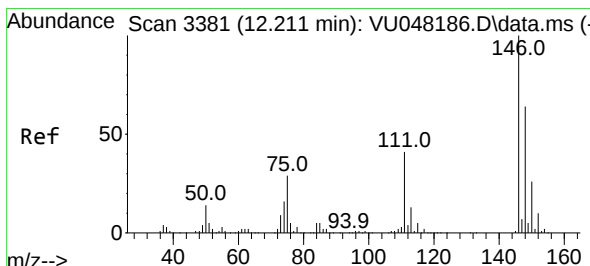
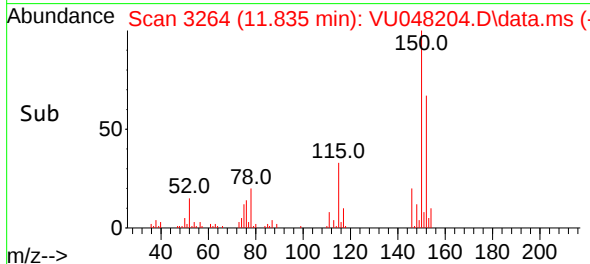
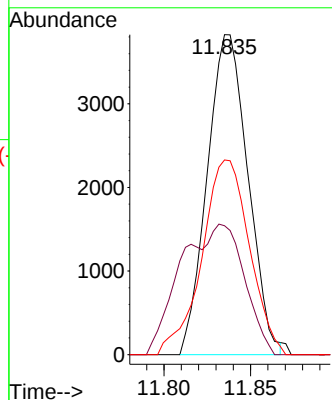
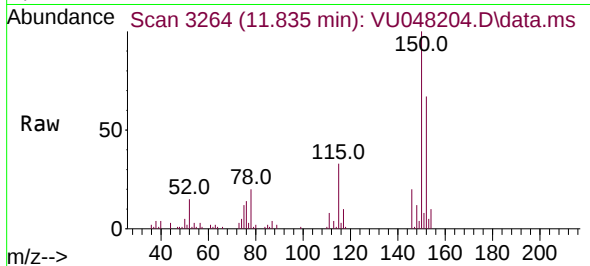




#65
1,4-Dichlorobenzene
Concen: 1.284 ug/L
RT: 11.835 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU048204.D
Acq: 22 Apr 2022 05:11

Instrument :
MSVOA_V
ClientSampleId :
C0JB1

Tgt Ion:146 Resp: 6274
Ion Ratio Lower Upper
146 100
111 40.3 25.3 47.1
148 60.9 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 1.323 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. 0.000 min
Lab File: VU048204.D
Acq: 22 Apr 2022 05:11

Tgt Ion:146 Resp: 6245
Ion Ratio Lower Upper
146 100
111 49.4 31.7 47.5#
148 65.2 51.4 77.2

