

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042222\
 Data File : VU048235.D
 Acq On : 22 Apr 2022 19:19
 Operator : SY/MD
 Sample : N2486-11DL 2000X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J44DL

Quant Time: Apr 22 22:05:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 21:59:27 2022
 Response via : Initial Calibration

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

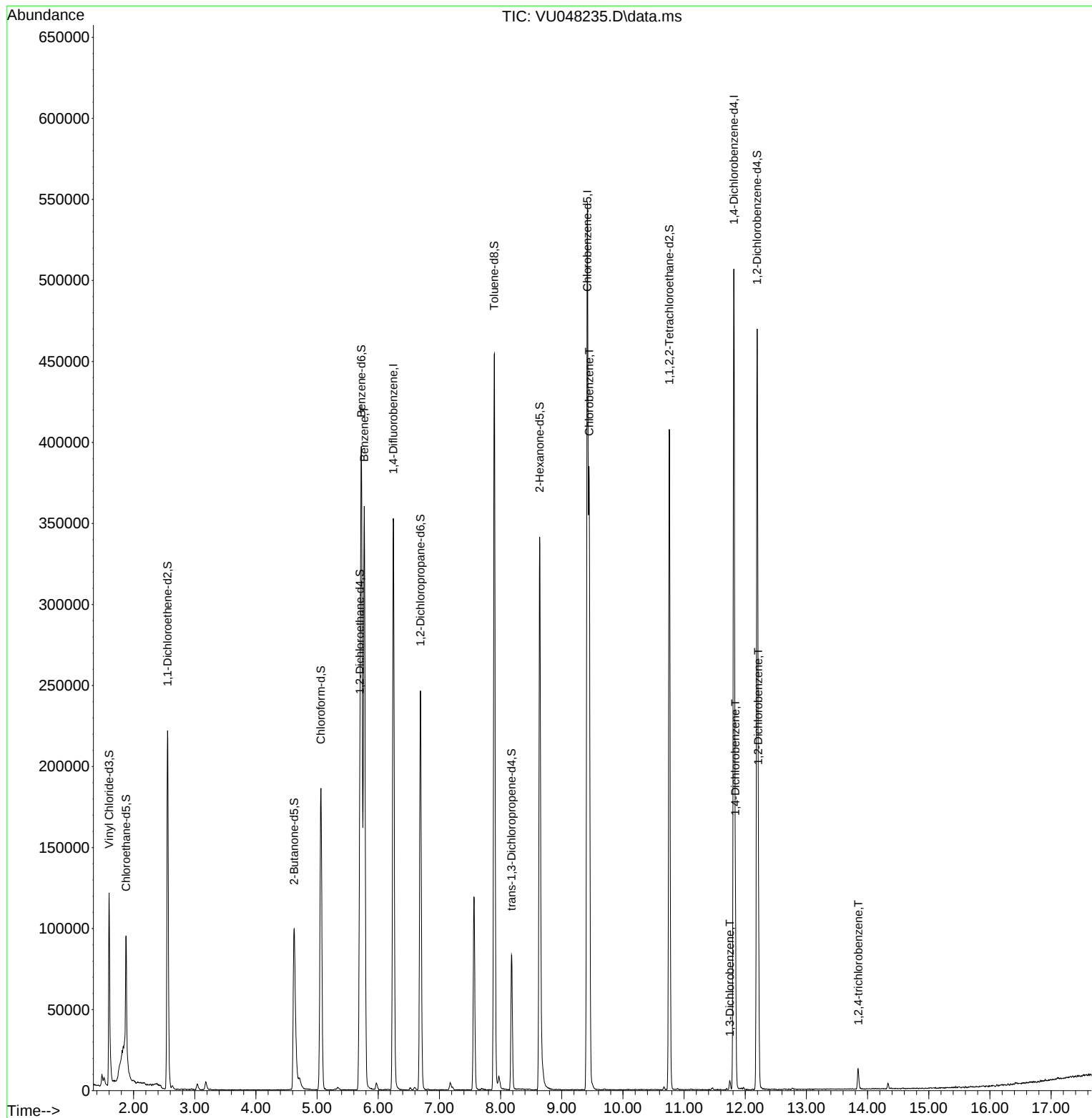
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	303653	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	316402	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	143810	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	103208	46.870	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.740%
7) Chloroethane-d5	1.877	69	53428	30.772	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	61.540%#
11) 1,1-Dichloroethene-d2	2.555	63	129070	32.037	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.080%
21) 2-Butanone-d5	4.623	46	162610	86.037	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.040%
24) Chloroform-d	5.063	84	175972	43.676	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.360%
26) 1,2-Dichloroethane-d4	5.700	65	113982	46.126	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.260%
32) Benzene-d6	5.726	84	370025	46.476	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.960%
36) 1,2-Dichloropropane-d6	6.690	67	120878	49.438	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.880%
41) Toluene-d8	7.896	98	309981	39.962	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.920%#
43) trans-1,3-Dichloroprop...	8.179	79	48844	39.431	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.860%
47) 2-Hexanone-d5	8.639	63	121085	84.595	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.600%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	206951	49.319	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.640%
66) 1,2-Dichlorobenzene-d4	12.195	152	128135	50.082	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.160%
Target Compounds						
					Qvalue	
33) Benzene	5.771	78	351009	38.327	ug/L	100
51) Chlorobenzene	9.449	112	208514	30.560	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	2903	0.672	ug/L	86
65) 1,4-Dichlorobenzene	11.838	146	43404	9.700	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	35768	8.275	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	4921	1.601	ug/L	96

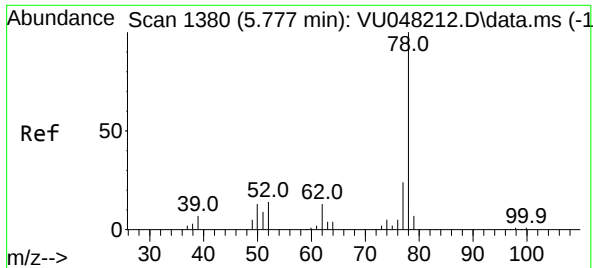
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 22 21:59:27 2022
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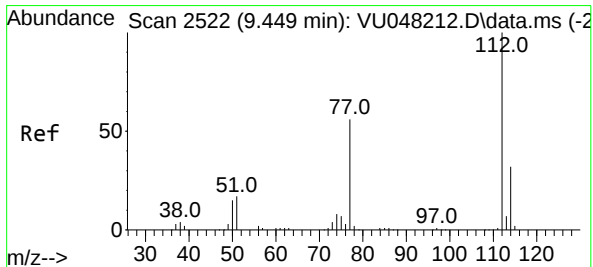
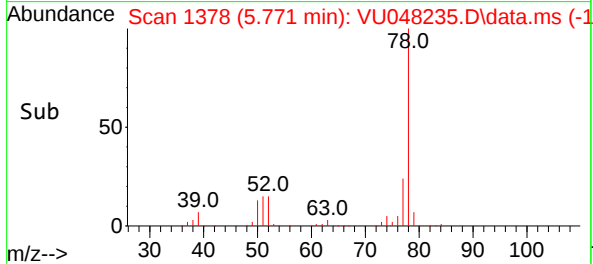
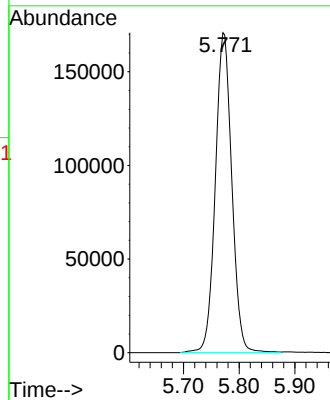
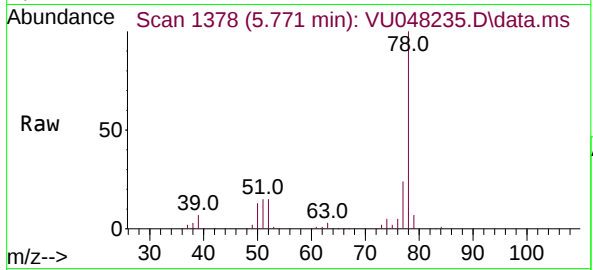




#33
Benzene
Concen: 38.327 ug/L
RT: 5.771 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU048235.D
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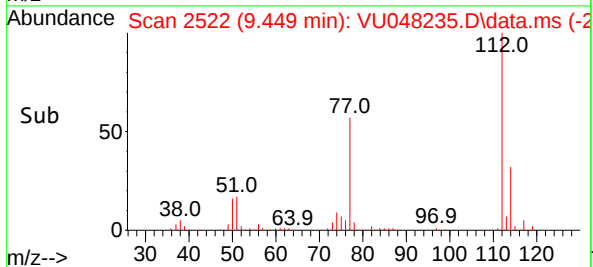
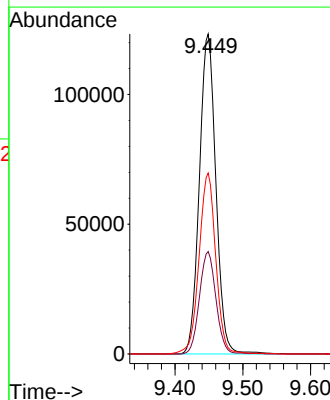
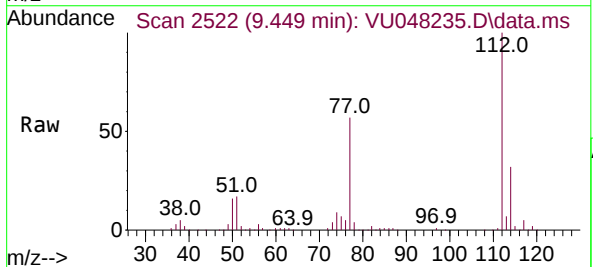
Tgt Ion: 78 Resp: 351009

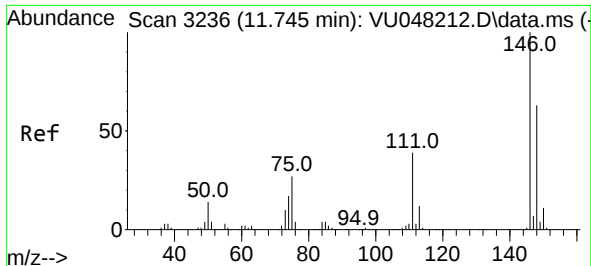


#51
Chlorobenzene
Concen: 30.560 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU048235.D
Acq: 22 Apr 2022 19:19

Tgt Ion: 112 Resp: 208514

Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.1	41.1
77	56.6	43.4	65.0

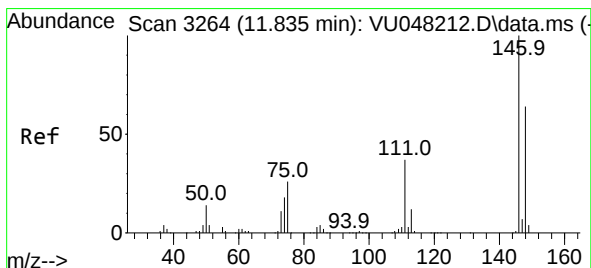
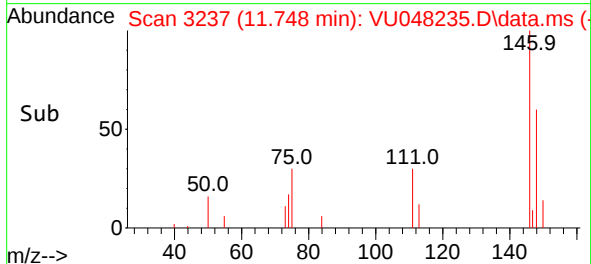
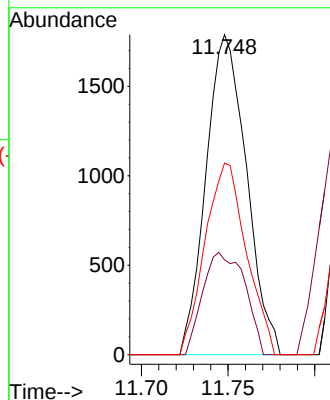
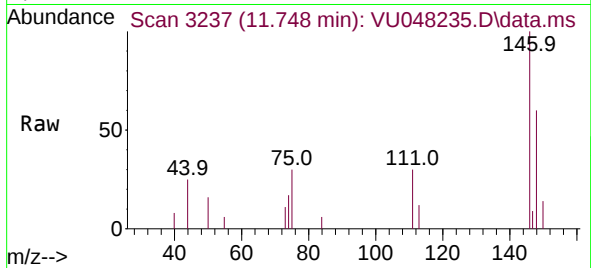




#64
1,3-Dichlorobenzene
Concen: 0.672 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048235.D
Acq: 22 Apr 2022 19:19

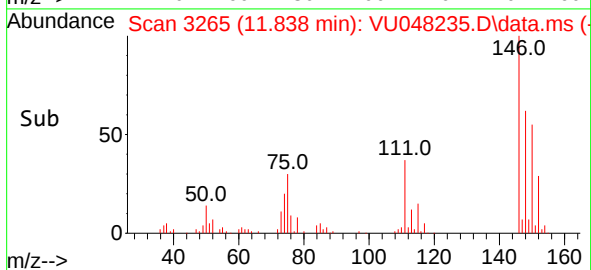
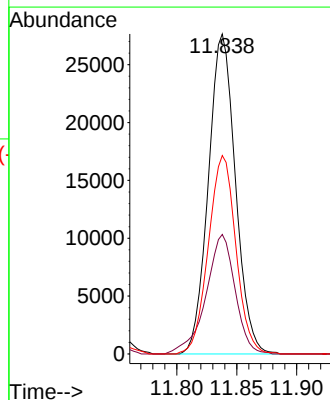
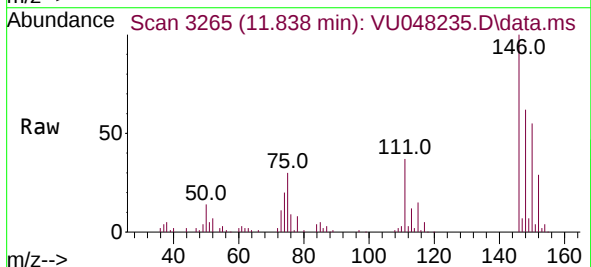
Instrument :
MSVOA_U
ClientSampleId :
C0J44DL

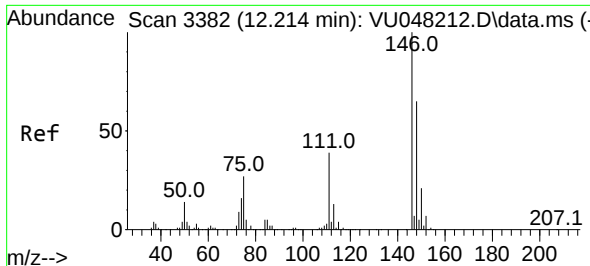
Tgt Ion:146 Resp: 2903
Ion Ratio Lower Upper
146 100
111 27.2 26.7 49.7
148 55.0 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 9.700 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU048235.D
Acq: 22 Apr 2022 19:19

Tgt Ion:146 Resp: 43404
Ion Ratio Lower Upper
146 100
111 37.4 25.3 47.1
148 62.0 44.5 82.7

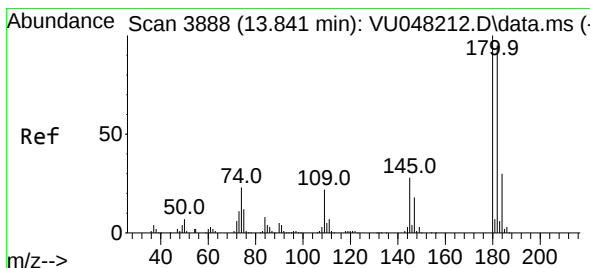
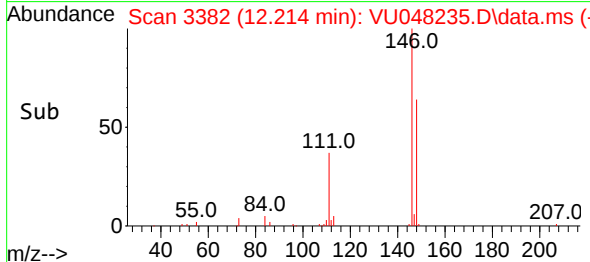
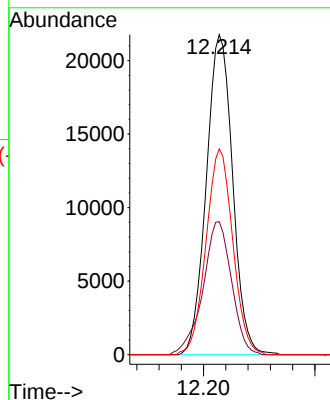
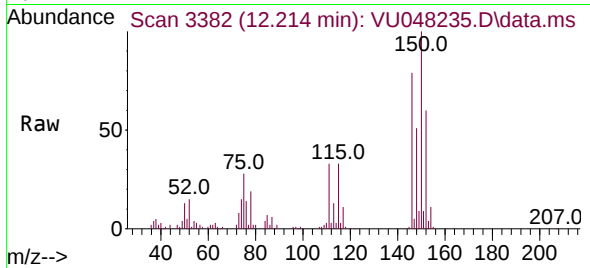




#67
1,2-Dichlorobenzene
Concen: 8.275 ug/L
RT: 12.214 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU048235.D
Acq: 22 Apr 2022 19:19

Instrument :
MSVOA_U
ClientSampleId :
C0J44DL

Tgt Ion:146 Resp: 35768
Ion Ratio Lower Upper
146 100
111 41.5 31.7 47.5
148 64.3 51.4 77.2



#70
1,2,4-trichlorobenzene
Concen: 1.601 ug/L
RT: 13.848 min Scan# 3890
Delta R.T. 0.006 min
Lab File: VU048235.D
Acq: 22 Apr 2022 19:19

Tgt Ion:180 Resp: 4921
Ion Ratio Lower Upper
180 100
182 98.1 76.2 114.2
145 32.2 21.8 32.8

