

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122821\
 Data File : VX026114.D
 Acq On : 28 Dec 2021 21:55
 Operator : JC/MD
 Sample : M5216-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COHB7

Quant Time: Dec 29 04:34:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 29 04:20:17 2021
 Response via : Initial Calibration

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

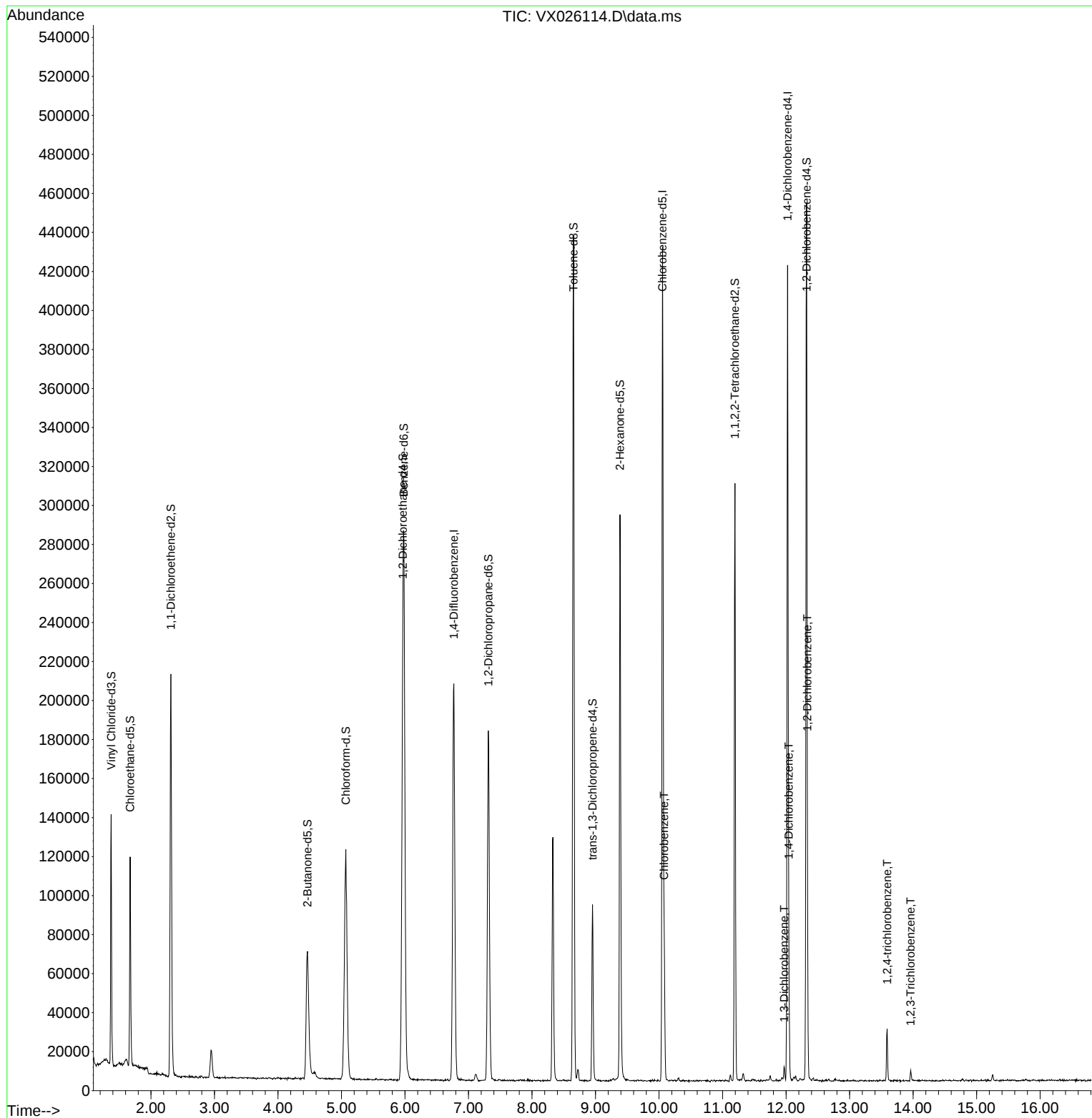
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	199322	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	175144	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	77329	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	82009	53.010	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 106.020%			
7) Chloroethane-d5	1.672	69	61926	55.063	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 110.120%			
11) 1,1-Dichloroethene-d2	2.312	63	115423	40.874	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.740%			
21) 2-Butanone-d5	4.465	46	119897	112.158	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.160%			
24) Chloroform-d	5.068	84	134673	51.259	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.520%			
26) 1,2-Dichloroethane-d4	5.964	65	91333	53.628	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.260%			
32) Benzene-d6	5.983	84	269353	53.342	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.680%			
36) 1,2-Dichloropropane-d6	7.312	67	84678	54.208	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 108.420%			
41) Toluene-d8	8.653	98	241472	52.435	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.880%			
43) trans-1,3-Dichloroprop...	8.952	79	39579	51.905	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 103.800%			
47) 2-Hexanone-d5	9.384	63	80041	109.867	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 109.870%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	109497	52.669	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 105.340%			
66) 1,2-Dichlorobenzene-d4	12.323	152	81969	55.569	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.140%			
Target Compounds						Qvalue
51) Chlorobenzene	10.079	112	26898	7.921	ug/L	96
64) 1,3-Dichlorobenzene	11.969	146	2340	1.033	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	18843	8.119	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	15480	6.860	ug/L	95
70) 1,2,4-trichlorobenzene	13.591	180	5829	4.207	ug/L	95
72) 1,2,3-Trichlorobenzene	13.963	180	1353	0.962	ug/L	95

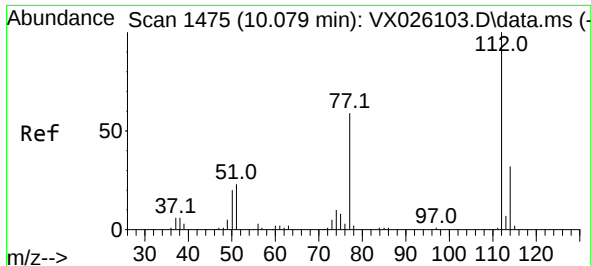
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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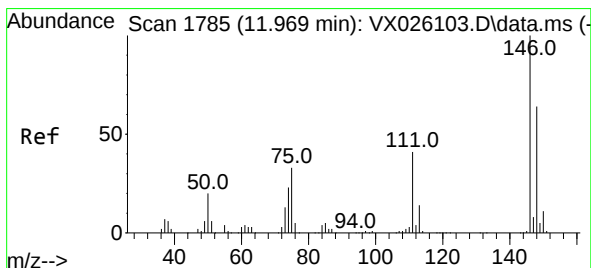
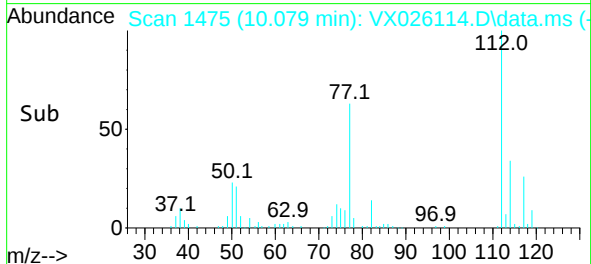
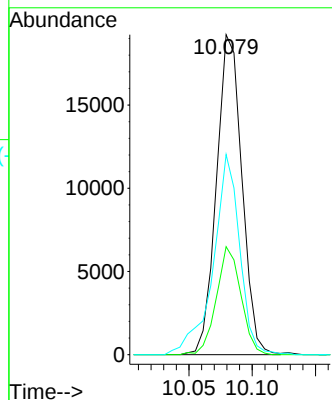
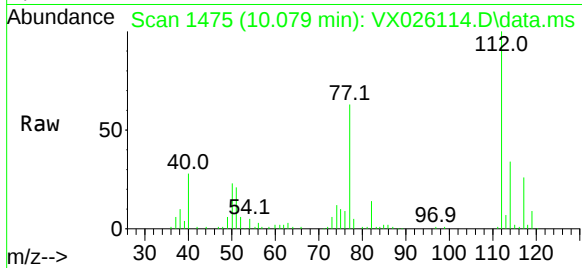




#51
Chlorobenzene
Concen: 7.921 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX026114.D
Acq: 28 Dec 2021 21:55

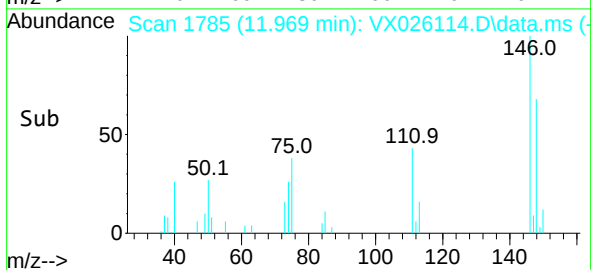
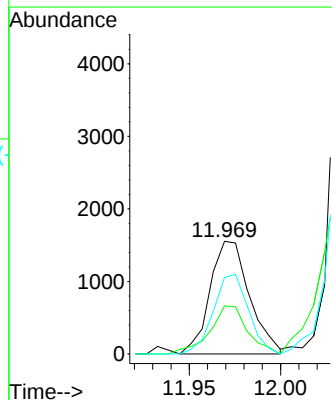
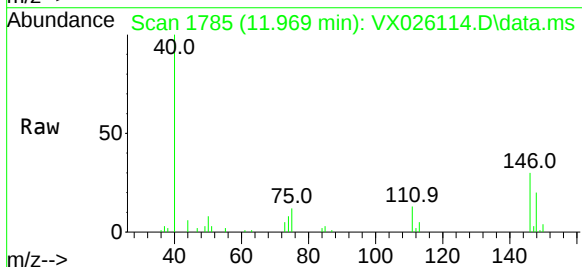
Instrument :
MSVOA_X
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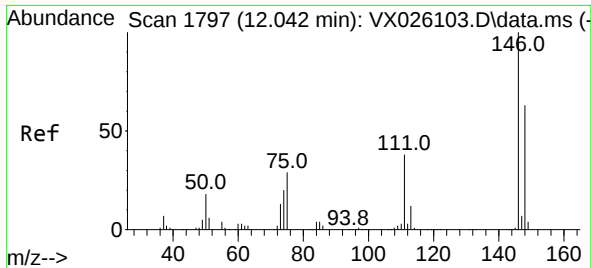
Tgt Ion:112 Resp: 26898
Ion Ratio Lower Upper
112 100
114 33.7 22.2 41.2
77 62.5 47.8 71.8



#64
1,3-Dichlorobenzene
Concen: 1.033 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX026114.D
Acq: 28 Dec 2021 21:55

Tgt Ion:146 Resp: 2340
Ion Ratio Lower Upper
146 100
111 42.7 29.4 54.6
148 67.9 45.1 83.9

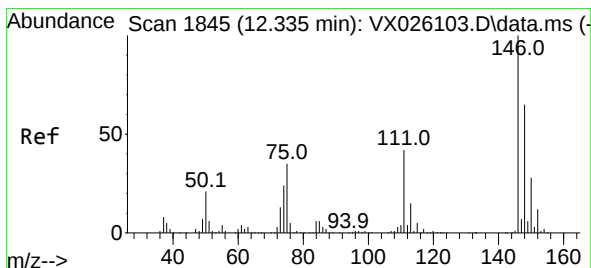
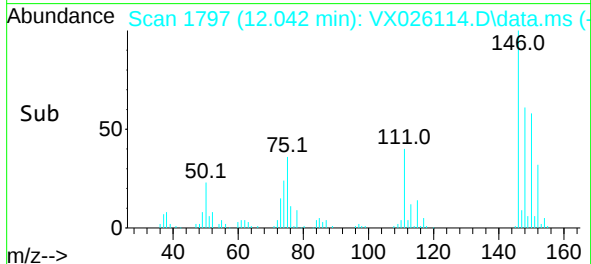
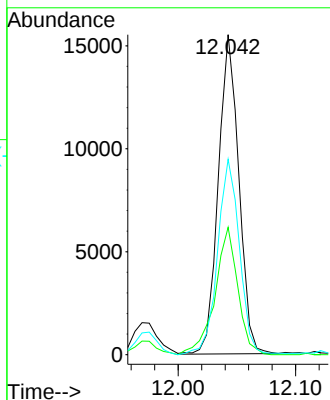
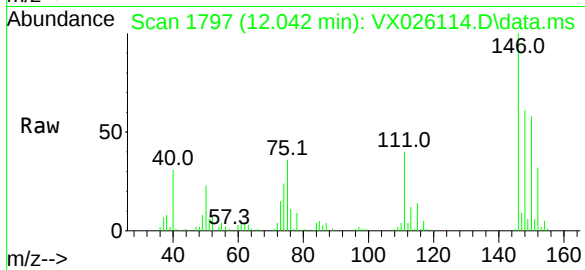




#65
1,4-Dichlorobenzene
Concen: 8.119 ug/L
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX026114.D
Acq: 28 Dec 2021 21:55

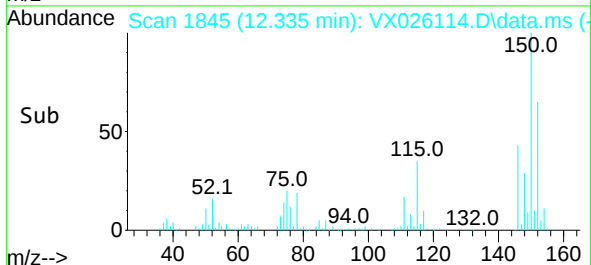
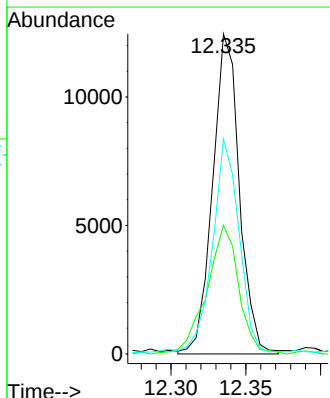
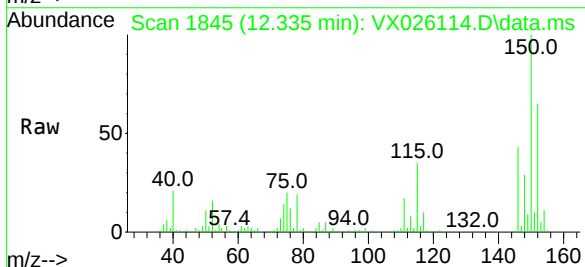
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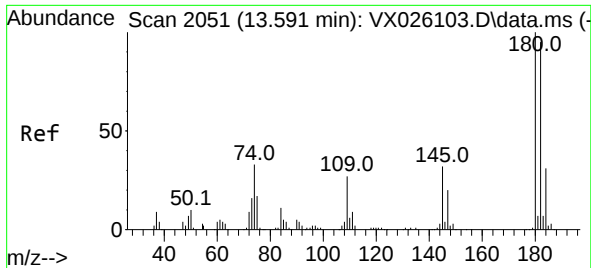
Tgt Ion:146 Resp: 18843
Ion Ratio Lower Upper
146 100
111 39.8 27.4 51.0
148 61.1 44.3 82.3



#67
1,2-Dichlorobenzene
Concen: 6.860 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX026114.D
Acq: 28 Dec 2021 21:55

Tgt Ion:146 Resp: 15480
Ion Ratio Lower Upper
146 100
111 40.2 33.1 49.7
148 67.2 49.6 74.4

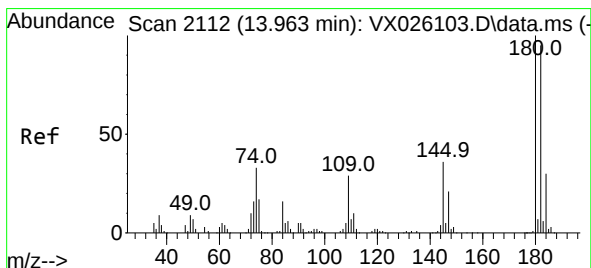
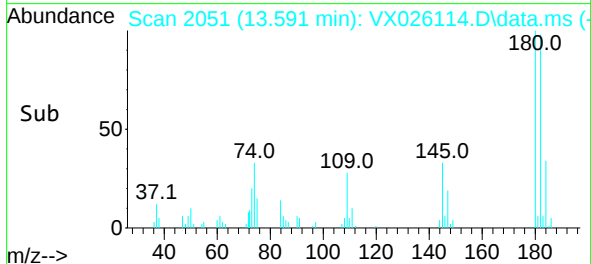
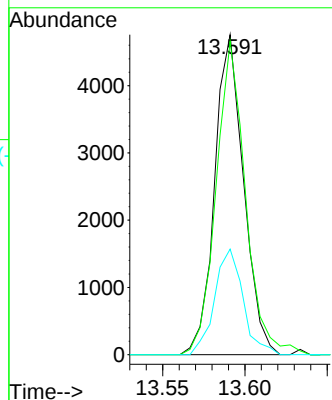
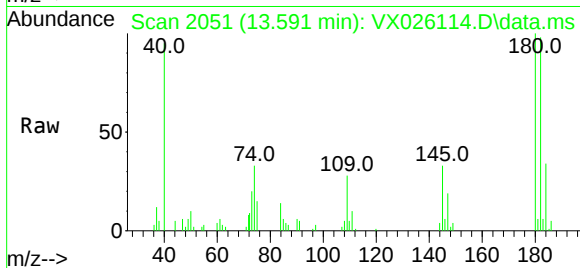




#70
1,2,4-trichlorobenzene
Concen: 4.207 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX026114.D
Acq: 28 Dec 2021 21:55

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:180 Resp: 5829
Ion Ratio Lower Upper
180 100
182 99.6 74.8 112.2
145 32.5 24.9 37.3



#72
1,2,3-Trichlorobenzene
Concen: 0.962 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX026114.D
Acq: 28 Dec 2021 21:55

Tgt Ion:180 Resp: 1353
Ion Ratio Lower Upper
180 100
182 92.8 76.6 115.0
145 39.2 26.6 39.8

