

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100322\
 Data File : VU051092.D
 Acq On : 03 Oct 2022 19:02
 Operator : JC/MD
 Sample : N4854-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J33

Quant Time: Oct 03 23:33:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 01 03:04:59 2022
 Response via : Initial Calibration

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

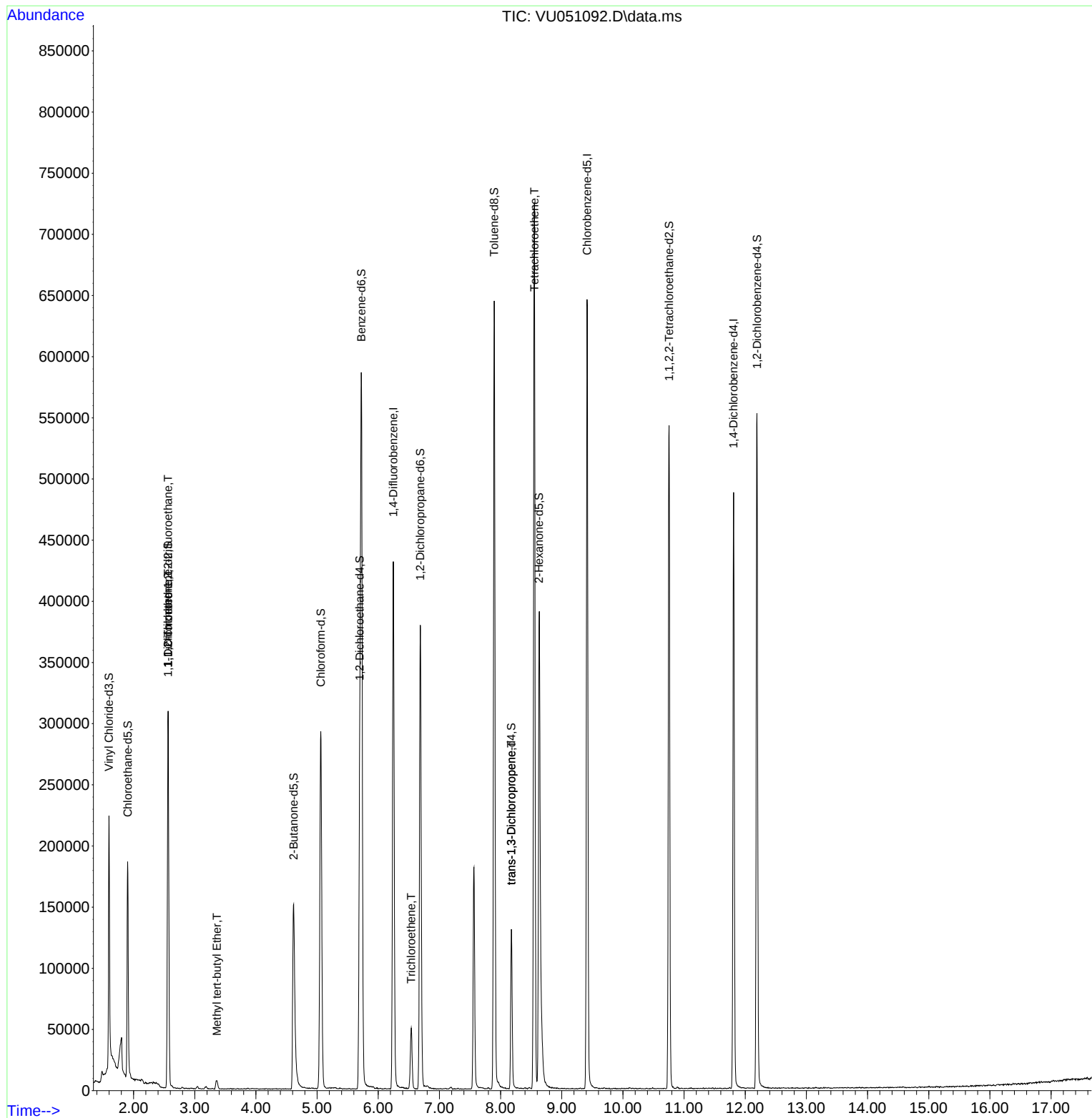
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	344186	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	361269	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	127778	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	147337	42.239	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.480%		
7) Chloroethane-d5	1.903	69	134245	41.431	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	82.860%		
11) 1,1-Dichloroethene-d2	2.565	63	182893	35.496	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.000%		
21) 2-Butanone-d5	4.617	46	218303	96.493	ug/L	-0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.490%		
24) Chloroform-d	5.060	84	274930	48.921	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.840%		
26) 1,2-Dichloroethane-d4	5.697	65	179419	51.580	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.160%		
32) Benzene-d6	5.726	84	545454	51.559	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.120%		
36) 1,2-Dichloropropane-d6	6.687	67	187721	54.683	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	109.360%		
41) Toluene-d8	7.896	98	435485	44.553	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.100%		
43) trans-1,3-Dichloroprop...	8.176	79	73105	44.647	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.300%		
47) 2-Hexanone-d5	8.629	63	113665	82.001	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	82.000%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	282397	47.069	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.140%		
66) 1,2-Dichlorobenzene-d4	12.192	152	144958	53.104	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	106.200%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	1888	0.719	ug/L #	25
12) 1,1-Dichloroethene	2.562	96	1459	0.594	ug/L #	1
18) Methyl tert-butyl Ether	3.363	73	6126	0.772	ug/L #	82
34) Trichloroethene	6.539	95	14988	5.254	ug/L	96
44) trans-1,3-Dichloropropene	8.176	75	3081	0.725	ug/L	98
46) Tetrachloroethene	8.552	164	158700	73.408	ug/L	98

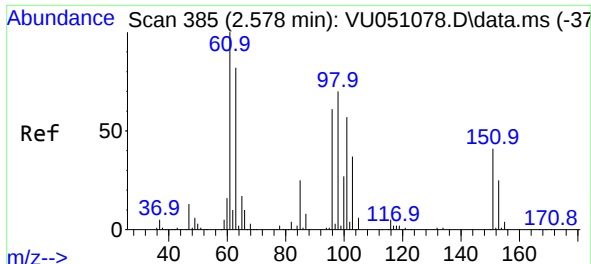
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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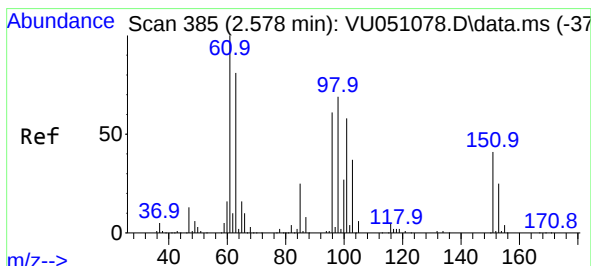
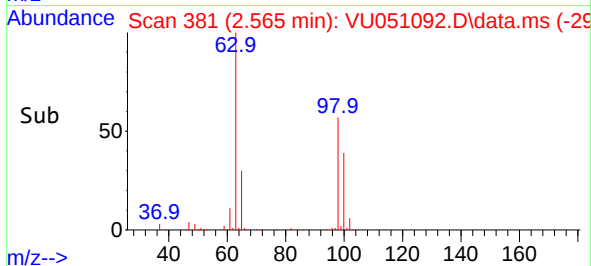
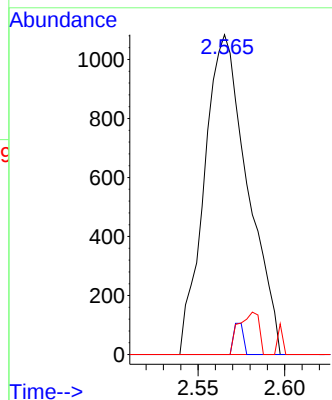
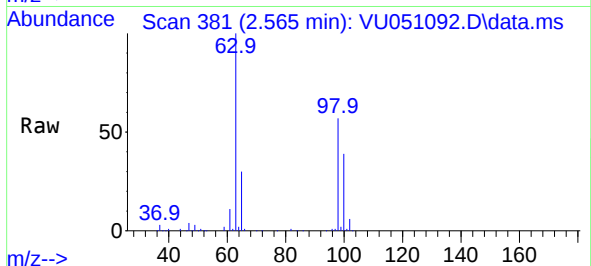




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.719 ug/L
RT: 2.565 min Scan# 31
Delta R.T. -0.013 min
Lab File: VU051092.D
Acq: 03 Oct 2022 19:02

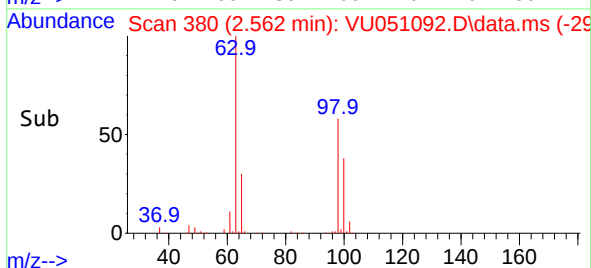
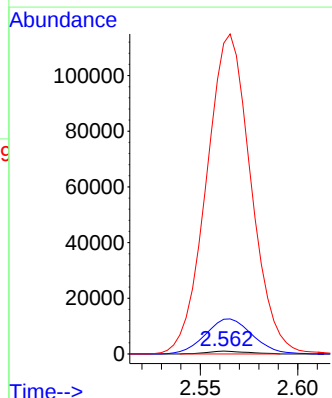
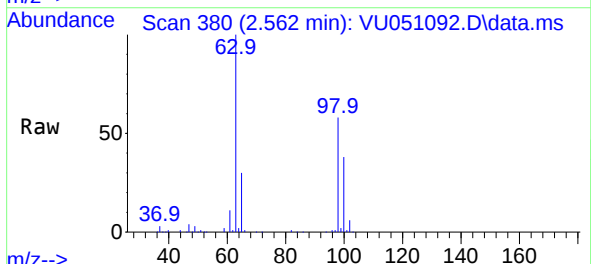
Instrument :
MSVOA_U
ClientSampleId :
F5J33

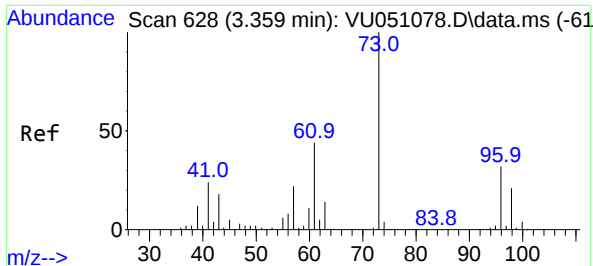
Tgt Ion:101 Resp: 1888
Ion Ratio Lower Upper
101 100
85 2.2 34.6 52.0#
151 4.1 58.6 87.8#



#12
1,1-Dichloroethene
Concen: 0.594 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.016 min
Lab File: VU051092.D
Acq: 03 Oct 2022 19:02

Tgt Ion: 96 Resp: 1459
Ion Ratio Lower Upper
96 100
61 1210.3 113.0 209.9#
63 10837.3 91.7 170.3#



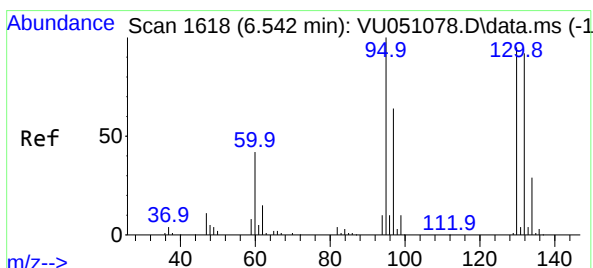
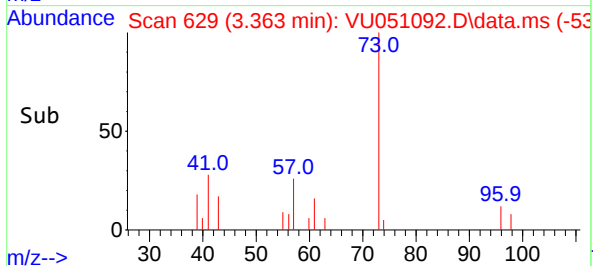
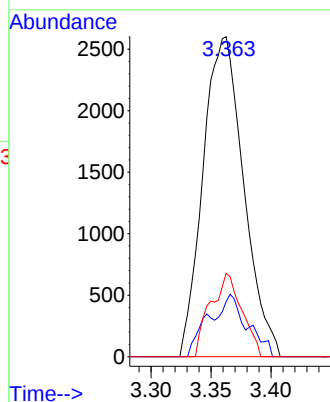
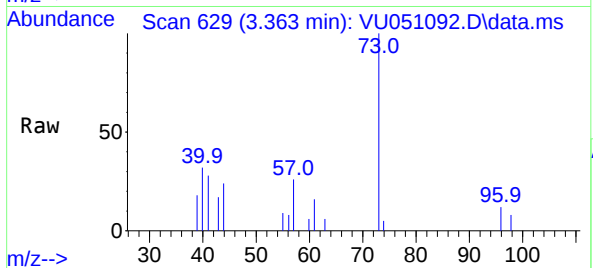


#18
Methyl tert-butyl Ether
Concen: 0.772 ug/L
RT: 3.363 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU051092.D
Acq: 03 Oct 2022 19:02

Instrument :
MSVOA_U
ClientSampleId :
F5J33

Tgt Ion: 73 Resp: 6126

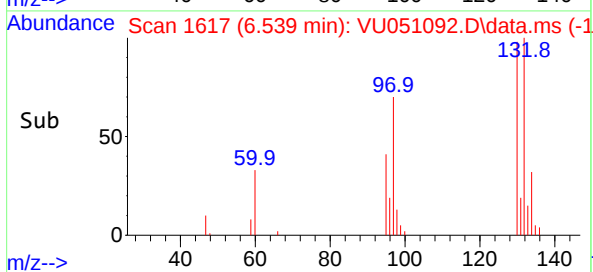
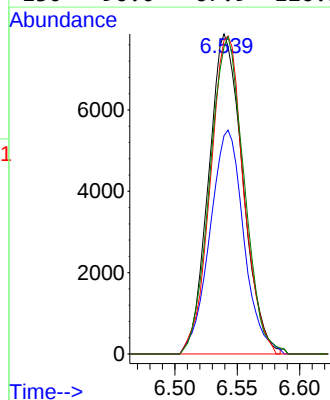
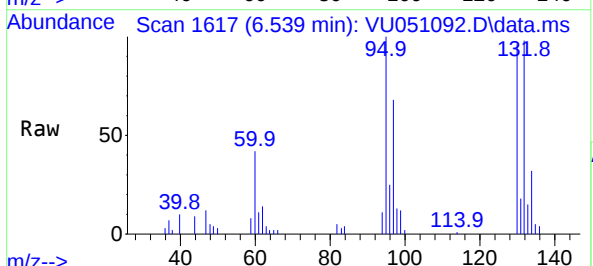
Ion	Ratio	Lower	Upper
73	100		
43	9.4	14.7	22.1#
57	14.4	17.5	26.3#

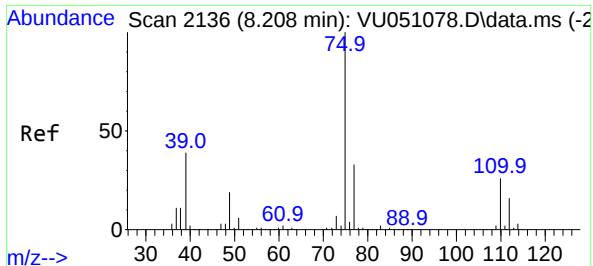


#34
Trichloroethene
Concen: 5.254 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU051092.D
Acq: 03 Oct 2022 19:02

Tgt Ion: 95 Resp: 14988

Ion	Ratio	Lower	Upper
95	100		
97	68.2	45.9	85.3
132	98.0	64.0	119.0
130	96.0	67.9	126.1

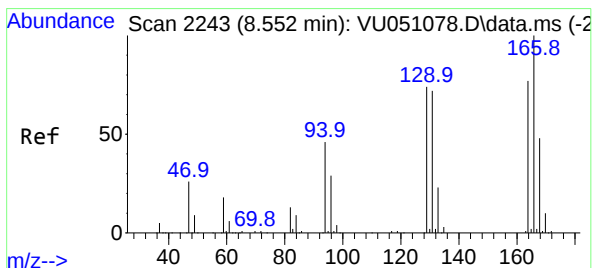
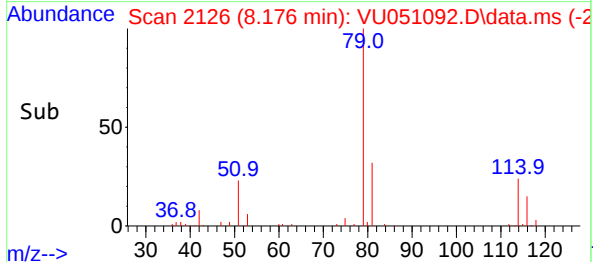
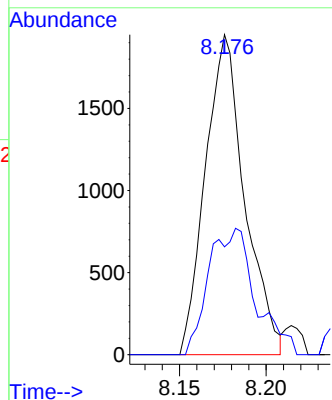
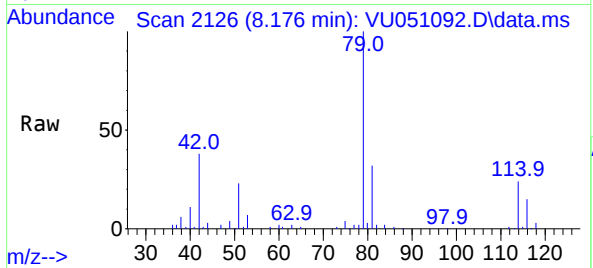




#44
trans-1,3-Dichloropropene
Concen: 0.725 ug/L
RT: 8.176 min Scan# 2136
Delta R.T. -0.032 min
Lab File: VU051092.D
Acq: 03 Oct 2022 19:02

Instrument :
MSVOA_U
ClientSampleId :
F5J33

Tgt Ion: 75 Resp: 3081
Ion Ratio Lower Upper
75 100
77 31.1 22.7 42.3



#46
Tetrachloroethene
Concen: 73.408 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051092.D
Acq: 03 Oct 2022 19:02

Tgt Ion: 164 Resp: 158700
Ion Ratio Lower Upper
164 100
129 100.3 68.1 126.5
131 97.5 67.8 126.0
166 131.5 90.5 168.1

