

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101821\
 Data File : VW020577.D
 Acq On : 18 Oct 2021 21:48
 Operator : SY/VA
 Sample : M4211-13
 Misc : 3.92g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 19 07:53:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Oct 19 07:51:45 2021
 Response via : Initial Calibration

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

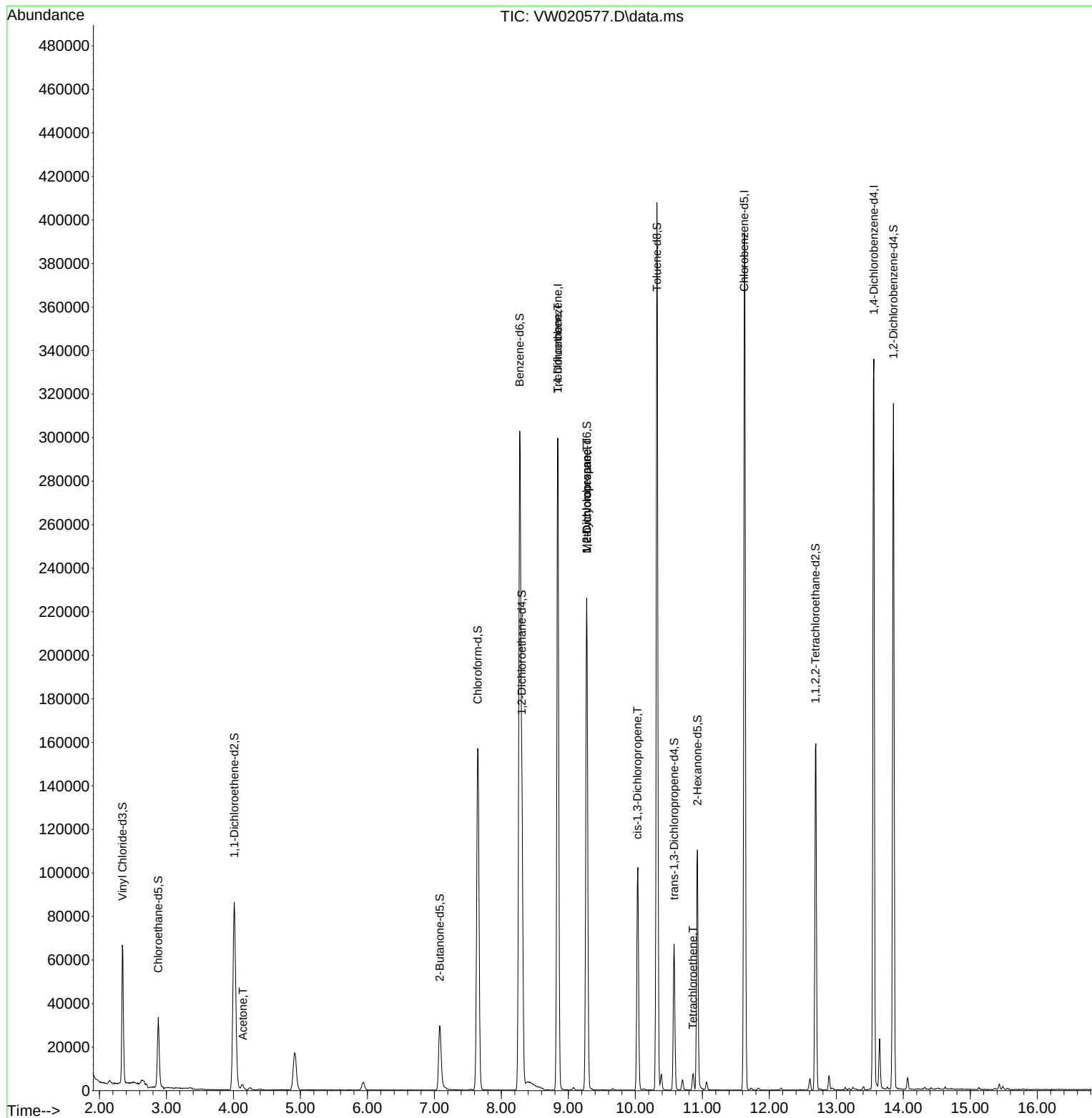
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	226046	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	200946	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	80811	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	60120	18.278	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.120%
7) Chloroethane-d5	2.879	69	32611	18.769	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.080%
11) 1,1-Dichloroethene-d2	4.013	63	89001	13.205	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.840%
21) 2-Butanone-d5	7.080	46	51967	51.914	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.820%
24) Chloroform-d	7.647	84	159188	22.093	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	88.360%
26) 1,2-Dichloroethane-d4	8.305	65	95054	23.098	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	8.274	84	288331	21.814	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.240%
36) 1,2-Dichloropropane-d6	9.274	67	101009	23.447	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.800%
41) Toluene-d8	10.323	98	239966	20.234	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.920%
43) trans-1,3-Dichloroprop...	10.579	79	35011	20.000	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.000%
47) 2-Hexanone-d5	10.926	63	33982	51.278	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.560%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	79703	24.477	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.920%
66) 1,2-Dichlorobenzene-d4	13.853	152	75536	23.895	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.560%
Target Compounds	Qvalue					
13) Acetone	4.141	43	4700	5.114	ug/L	96
34) Trichloroethene	8.841	95	7386	2.095	ug/L #	8
35) Methylcyclohexane	9.274	83	24142	4.001	ug/L #	15
37) 1,2-Dichloropropane	9.274	63	12188	3.288	ug/L #	87
39) cis-1,3-Dichloropropene	10.030	75	2712	0.530	ug/L #	71
46) Tetrachloroethene	10.859	164	1641	0.648	ug/L	88

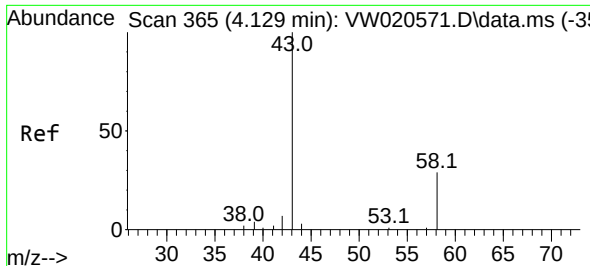
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Tue Oct 19 07:51:45 2021
Response via : Initial Calibration





#13

Acetone

Concen: 5.114 ug/L

RT: 4.141 min Scan# 3

Delta R.T. 0.012 min

Lab File: VW020577.D

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Instrument :

MSVOA_W

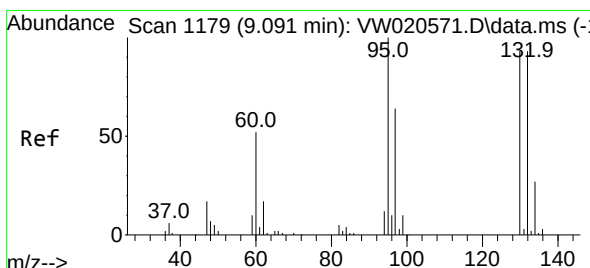
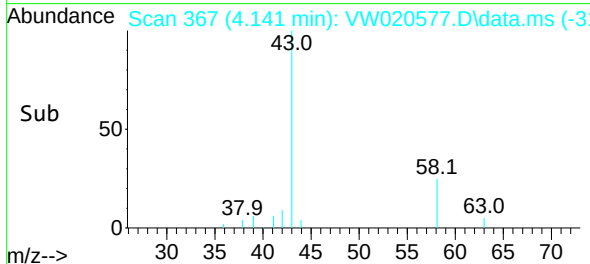
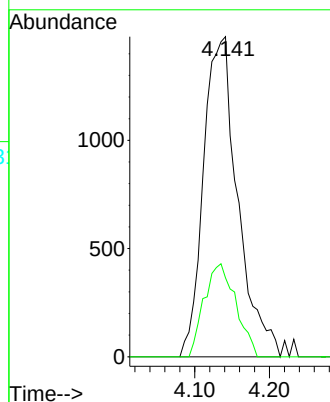
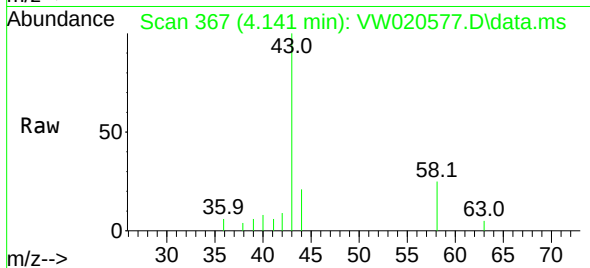
ClientSampleId :

Tgt Ion: 43 Resp: 4700

Ion Ratio Lower Upper

43 100

58 26.9 0.0 58.4



#34

Trichloroethene

Concen: 2.095 ug/L

RT: 8.841 min Scan# 1138

Delta R.T. -0.250 min

Lab File: VW020577.D

Acq: 18 Oct 2021 21:48

Tgt Ion: 95 Resp: 7386

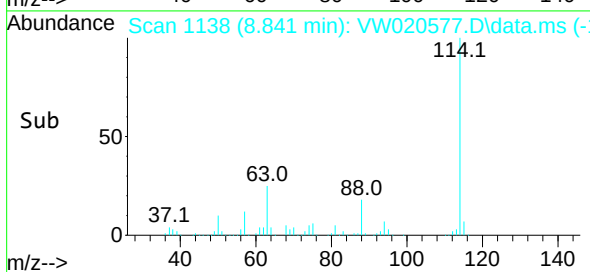
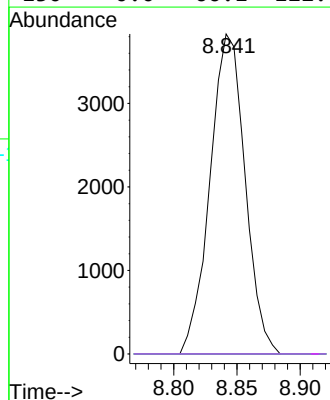
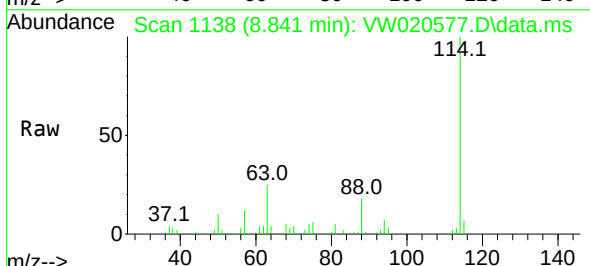
Ion Ratio Lower Upper

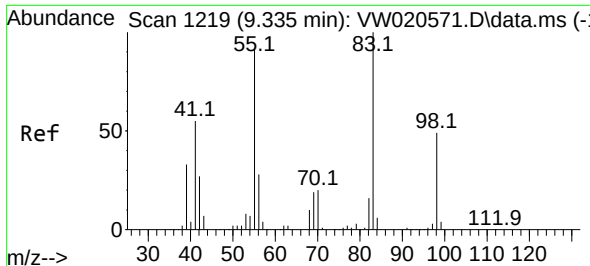
95 100

97 0.0 43.2 80.2#

132 0.0 62.3 115.7#

130 0.0 66.1 122.7#

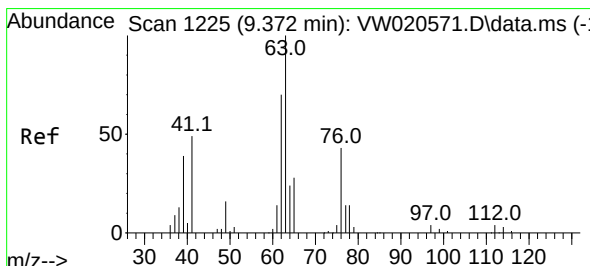
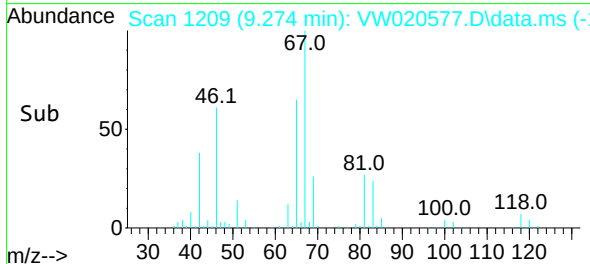
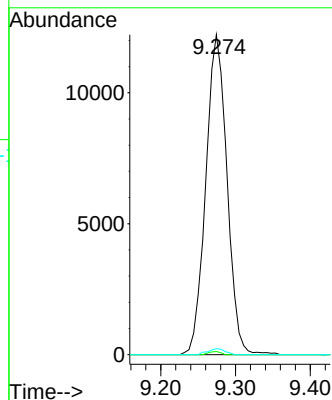
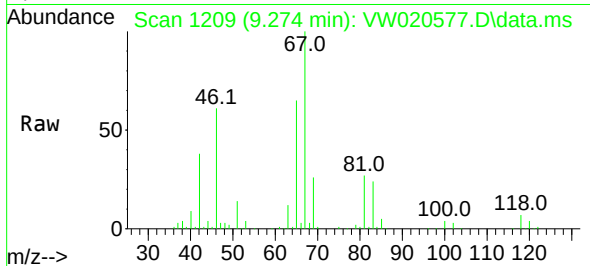




#35
Methylcyclohexane
Concen: 4.001 ug/L
RT: 9.274 min Scan# 11
Delta R.T. -0.061 min
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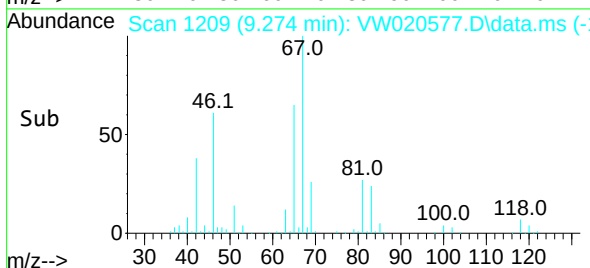
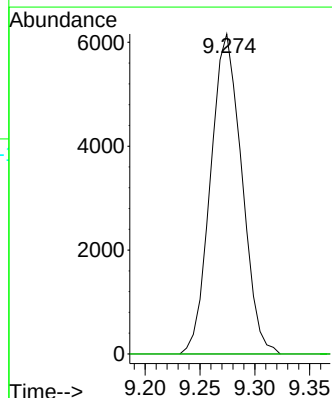
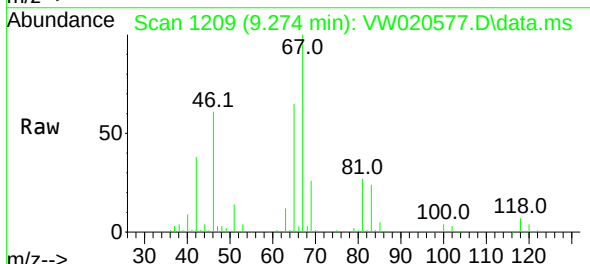
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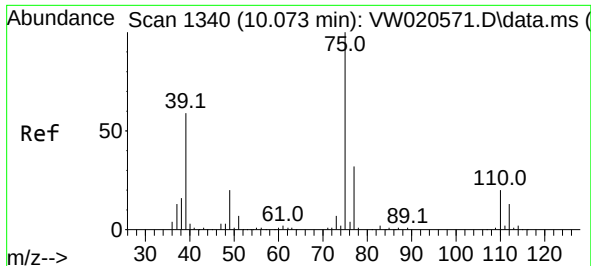
Tgt Ion: 83 Resp: 24142
Ion Ratio Lower Upper
83 100
55 0.5 69.7 104.5#
98 1.5 38.2 57.2#



#37
1,2-Dichloropropane
Concen: 3.288 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.098 min
Lab File: VW020577.D
Acq: 18 Oct 2021 21:48

Tgt Ion: 63 Resp: 12188
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#

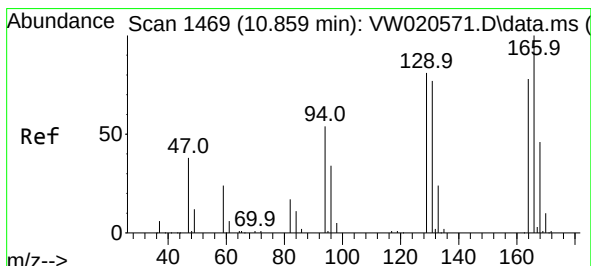
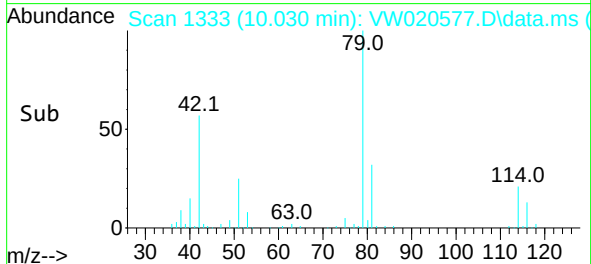
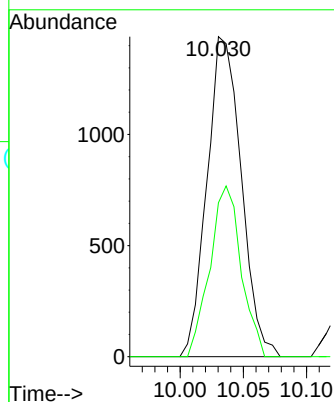
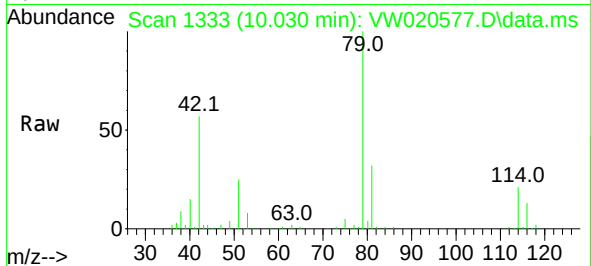




#39
cis-1,3-Dichloropropene
Concen: 0.530 ug/L
RT: 10.030 min Scan# 11
Delta R.T. -0.043 min
Lab File: VW020577.D
Acq: 18 Oct 2021 21:48

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 75 Resp: 2712
Ion Ratio Lower Upper
75 100
77 48.1 22.4 41.6#



#46
Tetrachloroethene
Concen: 0.648 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW020577.D
Acq: 18 Oct 2021 21:48

Tgt Ion: 164 Resp: 1641
Ion Ratio Lower Upper
164 100
129 84.3 69.1 128.3
131 90.0 58.3 108.3
166 114.7 90.4 168.0

