

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW012825\
 Data File : VW031615.D
 Acq On : 28 Jan 2025 13:51
 Operator : SY/MD
 Sample : Q1190-02RE
 Misc : 13.77g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 29 07:33:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jan 28 00:17:29 2025
 Response via : Initial Calibration

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

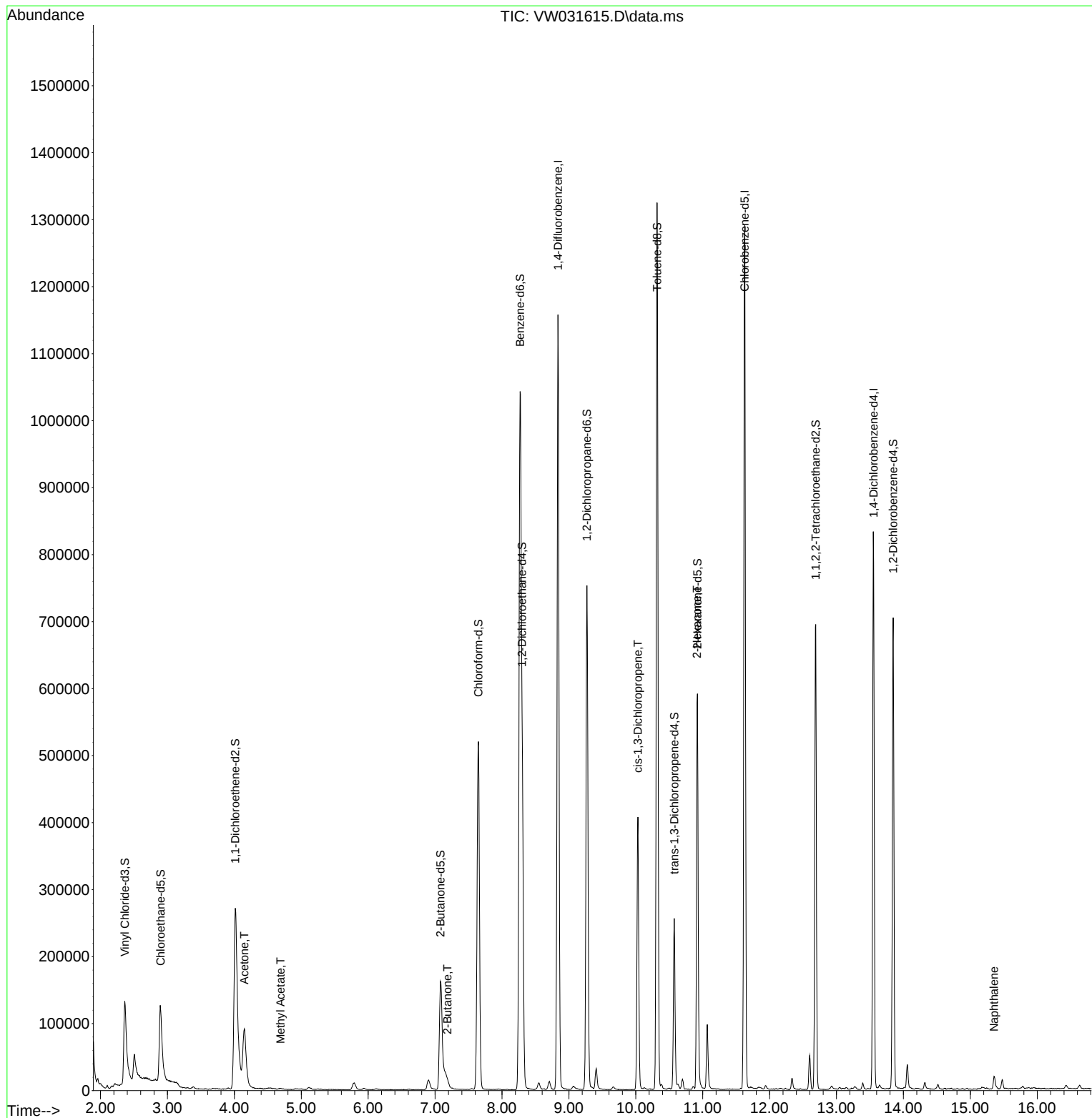
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	952049	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	703696	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	208744	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	256132	17.145	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.560%
7) Chloroethane-d5	2.899	69	190920	17.895	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.560%
11) 1,1-Dichloroethene-d2	4.015	65	119624	17.997	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.000%
21) 2-Butanone-d5	7.081	46	302046	125.773	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	251.540%#
24) Chloroform-d	7.648	84	548394	22.257	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.040%
26) 1,2-Dichloroethane-d4	8.301	65	350524	28.904	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.600%
32) Benzene-d6	8.270	84	1101575	24.921	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	99.680%
36) 1,2-Dichloropropane-d6	9.270	67	361753	27.719	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	110.880%
41) Toluene-d8	10.319	98	877345	21.987	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.960%
43) trans-1,3-Dichloroprop...	10.575	79	145219	27.096	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	108.400%
47) 2-Hexanone-d5	10.922	63	209743	157.483	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	314.960%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	362822	45.460	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	181.840%#
66) 1,2-Dichlorobenzene-d4	13.848	152	176573	24.117	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.480%
Target Compounds						Qvalue
13) Acetone	4.149	43	184509	99.828	ug/L #	57
15) Methyl Acetate	4.691	43	2468	0.510	ug/L #	81
22) 2-Butanone	7.185	43	19280	6.108	ug/L	97
39) cis-1,3-Dichloropropene	10.032	75	9722	0.511	ug/L #	70
48) 2-Hexanone	10.916	43	24524	6.642	ug/L #	66
71) Naphthalene	15.354	128	17066	1.166	ug/L	98

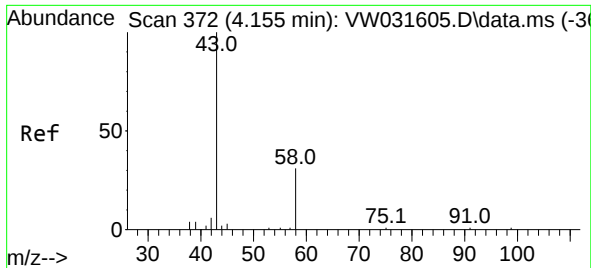
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011025SMA.M
Quant Title : SFAM01.0
QLast Update : Tue Jan 28 00:17:29 2025
Response via : Initial Calibration

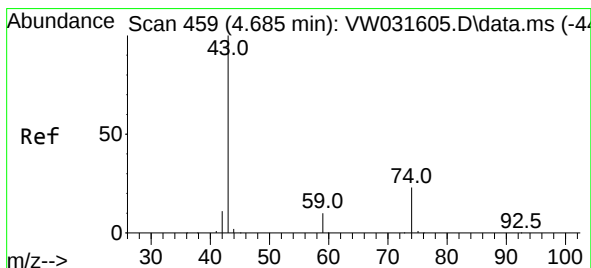
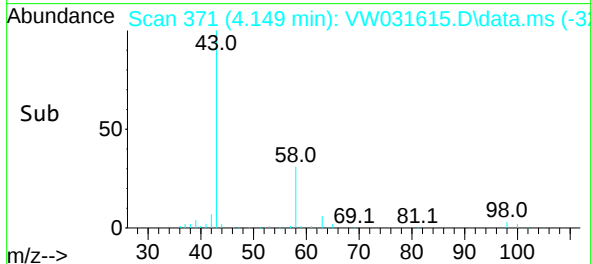
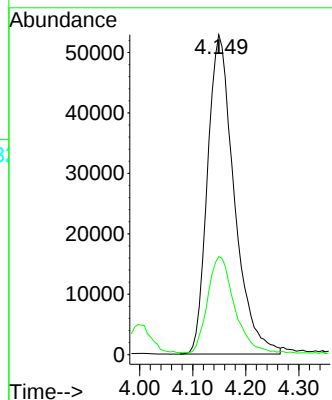
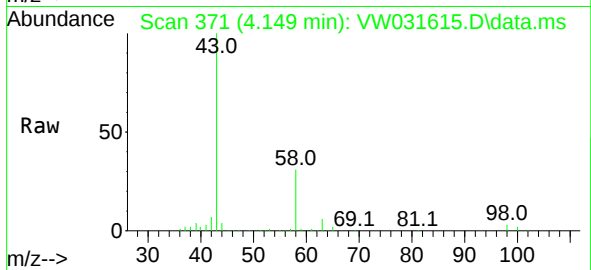




#13
Acetone
Concen: 99.828 ug/L
RT: 4.149 min Scan# 31
Delta R.T. -0.018 min
Lab File: VW031615.D
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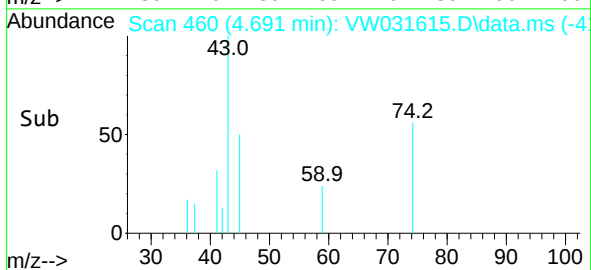
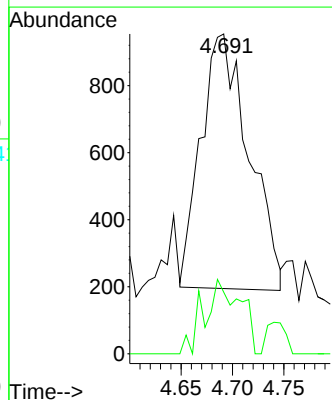
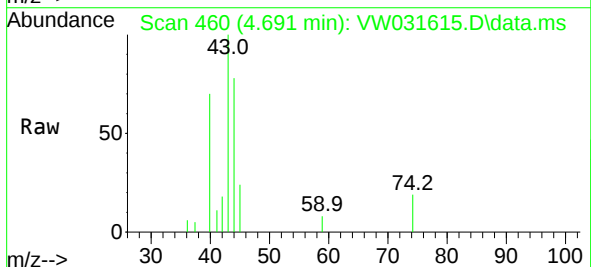
Instrument :
MSVOA_W
ClientSampleId :

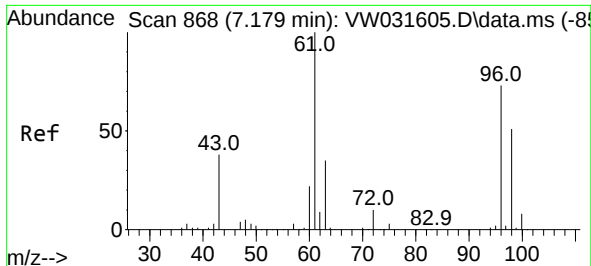
Tgt Ion: 43 Resp: 184509
Ion Ratio Lower Upper
43 100
58 31.6 0.0 28.2#



#15
Methyl Acetate
Concen: 0.510 ug/L
RT: 4.691 min Scan# 460
Delta R.T. 0.006 min
Lab File: VW031615.D
Acq: 28 Jan 2025 13:51

Tgt Ion: 43 Resp: 2468
Ion Ratio Lower Upper
43 100
74 5.5 10.6 15.8#





#22

2-Butanone

Concen: 6.108 ug/L

RT: 7.185 min Scan# 8

Delta R.T. -0.000 min

Lab File: VW031615.D

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Instrument :

MSVOA_W

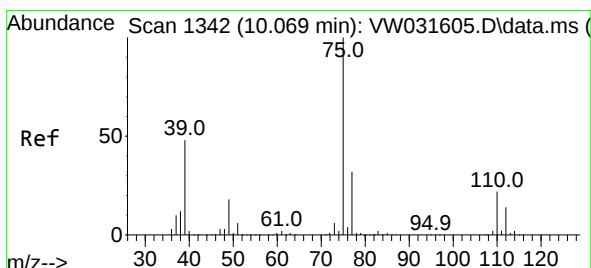
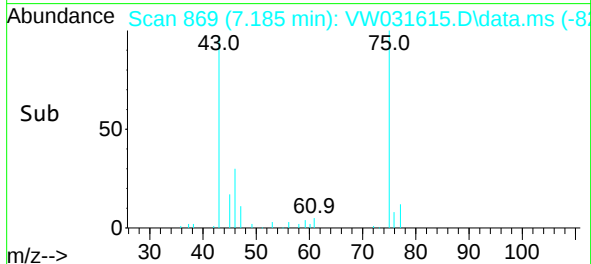
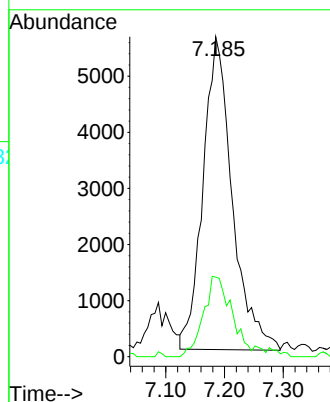
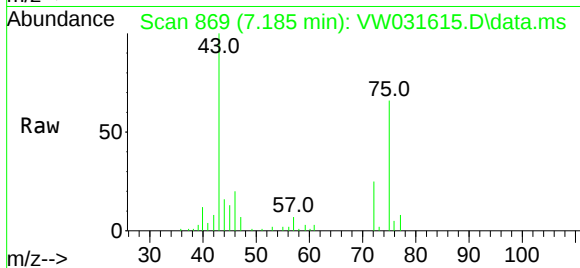
ClientSampleId :

Tgt Ion: 43 Resp: 19280

Ion Ratio Lower Upper

43 100

72 24.7 13.2 39.5



#39

cis-1,3-Dichloropropene

Concen: 0.511 ug/L

RT: 10.032 min Scan# 1336

Delta R.T. -0.037 min

Lab File: VW031615.D

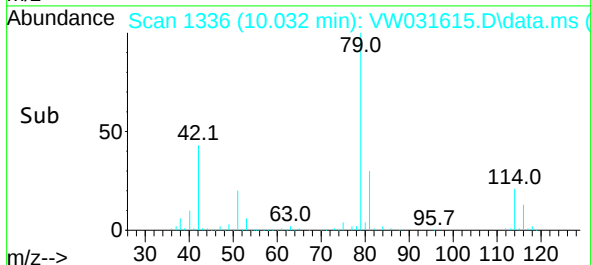
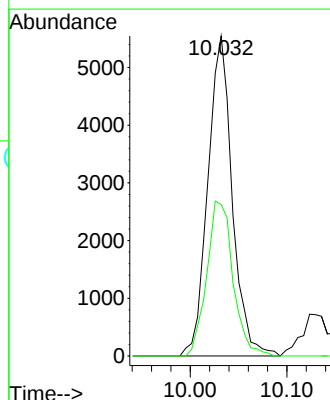
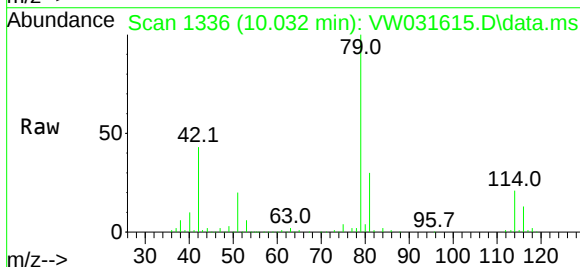
Acq: 28 Jan 2025 13:51

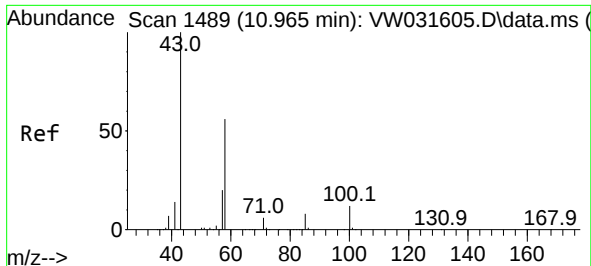
Tgt Ion: 75 Resp: 9722

Ion Ratio Lower Upper

75 100

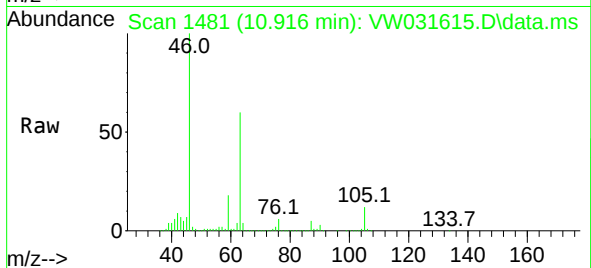
77 47.3 21.6 40.2#



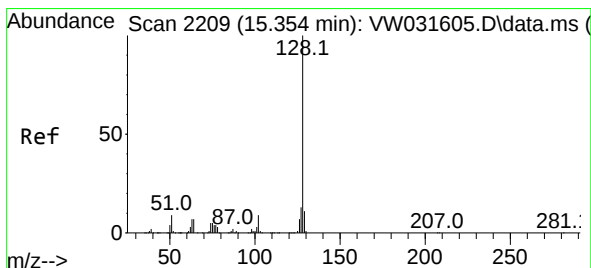
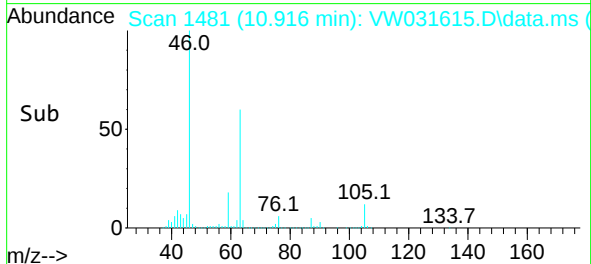
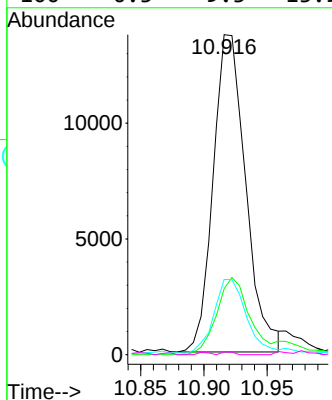


#48
2-Hexanone
Concen: 6.642 ug/L
RT: 10.916 min Scan# 1481
Delta R.T. -0.049 min
Lab File: VW031615.D
Acq: 28 Jan 2025 13:51

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 24524
Ion Ratio Lower Upper
43 100
58 24.4 44.8 67.2#
57 24.1 15.6 23.4#
100 0.3 9.3 13.9#



#71
Naphthalene
Concen: 1.166 ug/L
RT: 15.354 min Scan# 2209
Delta R.T. -0.000 min
Lab File: VW031615.D
Acq: 28 Jan 2025 13:51

Tgt Ion: 128 Resp: 17066
Ion Ratio Lower Upper
128 100
127 12.4 10.4 15.6
129 10.3 8.7 13.1

