

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042823\
 Data File : VU053948.D
 Acq On : 27 Apr 2023 20:28
 Operator : JC/MD
 Sample : 02488-05 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE61

Quant Time: Apr 28 07:21:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 27 05:52:18 2023
 Response via : Initial Calibration

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

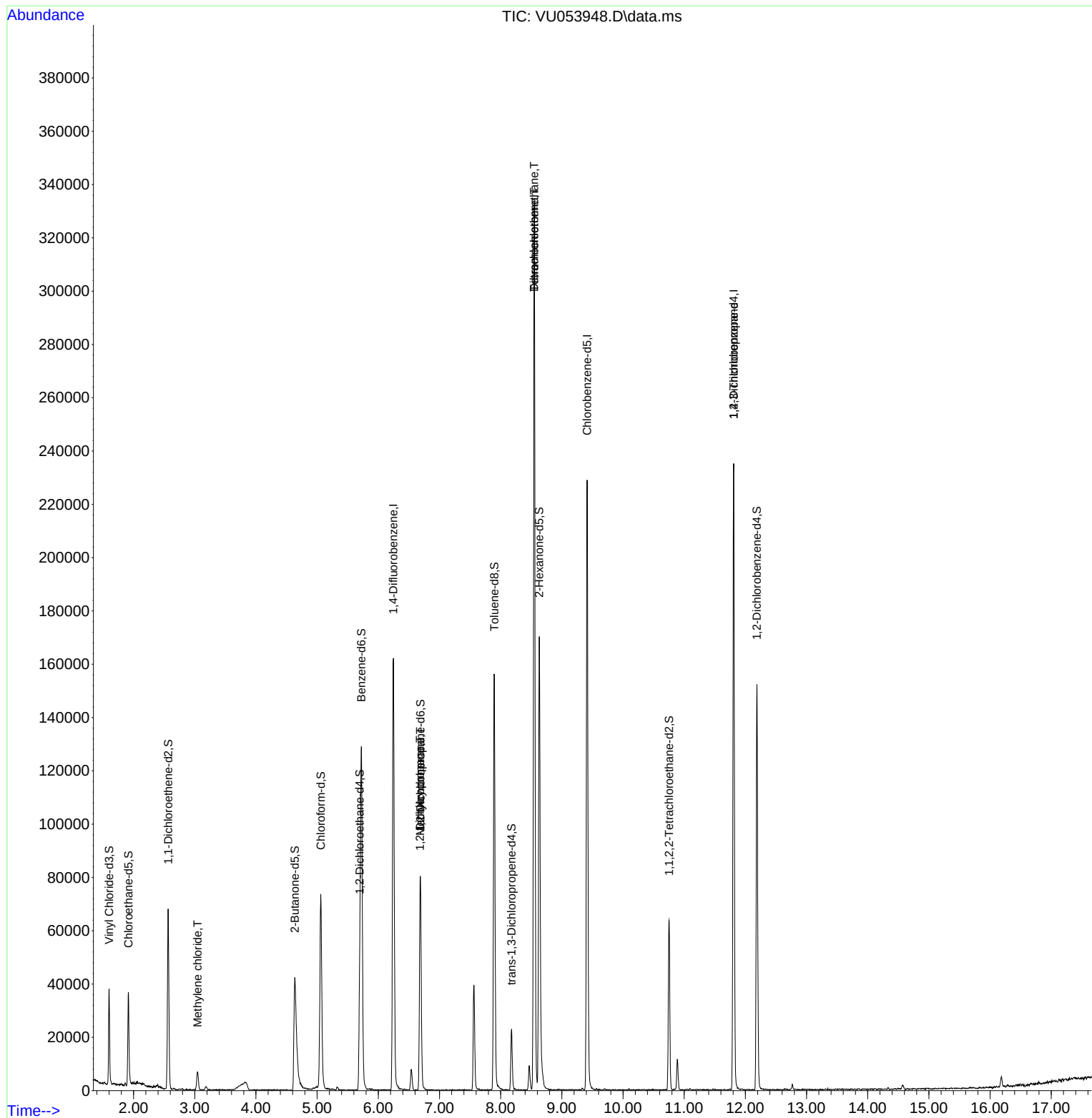
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	143171	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	137713	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	66006	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	27227	3.122	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.400%
7) Chloroethane-d5	1.916	69	26914	3.677	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.600%
11) 1,1-Dichloroethene-d2	2.565	65	13073	3.643	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.800%
20) 2-Butanone-d5	4.636	46	76874	48.130	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.260%
24) Chloroform-d	5.060	84	66951	4.074	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.400%
26) 1,2-Dichloroethane-d4	5.697	65	32217	4.242	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
32) Benzene-d6	5.722	84	130321	4.017	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.400%
36) 1,2-Dichloropropane-d6	6.687	67	41573	4.236	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.800%
41) Toluene-d8	7.896	98	112496	3.716	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.400%
43) trans-1,3-Dichloroprop...	8.179	79	14239	3.689	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.800%
46) 2-Hexanone-d5	8.629	63	61488	45.013	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.020%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	33264	4.194	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.800%
66) 1,2-Dichlorobenzene-d4	12.188	152	43555	4.114	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.200%
Target Compounds						Qvalue
16) Methylene chloride	3.044	84	4166	0.339	ug/L	89
35) Methylcyclohexane	6.684	83	9955	0.609	ug/L #	22
37) 1,2-Dichloropropane	6.681	63	4240	0.440	ug/L #	87
47) Tetrachloroethene	8.549	164	76071	9.073	ug/L	99
49) Dibromochloromethane	8.549	129	74085	9.693	ug/L #	10
61) 1,2,3-Trichloropropane	11.809	75	7651	1.503	ug/L #	66

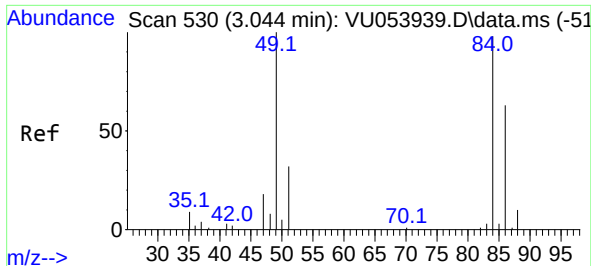
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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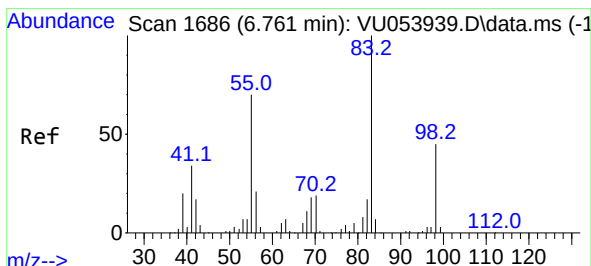
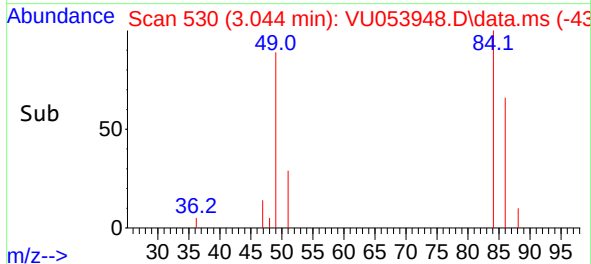
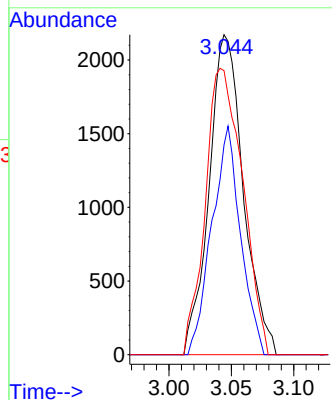
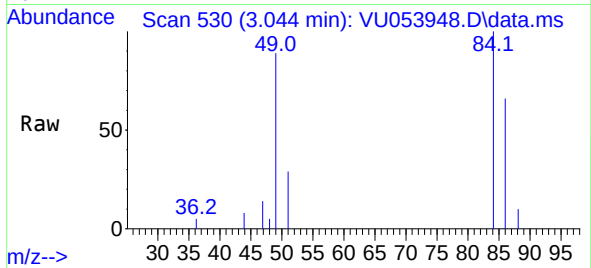




#16
Methylene chloride
Concen: 0.339 ug/L
RT: 3.044 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU053948.D
Acq: 27 Apr 2023 20:28

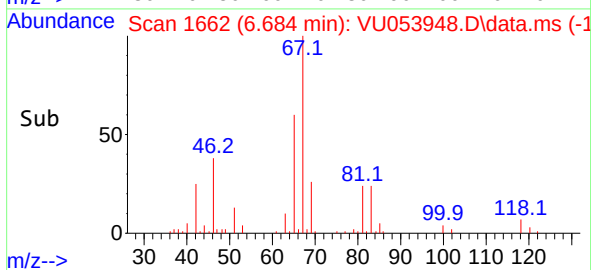
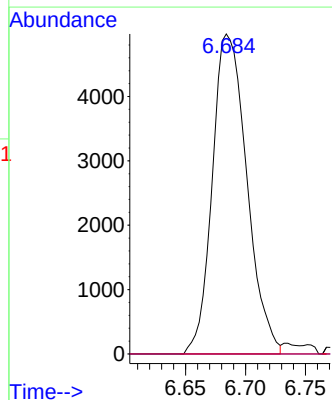
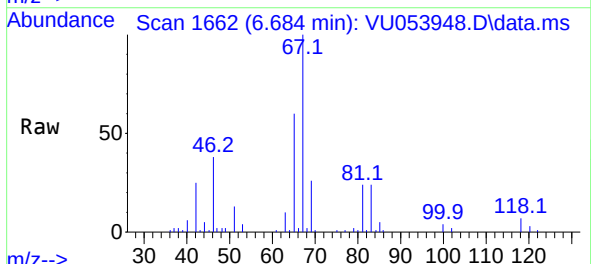
Instrument :
MSVOA_U
ClientSampleId :
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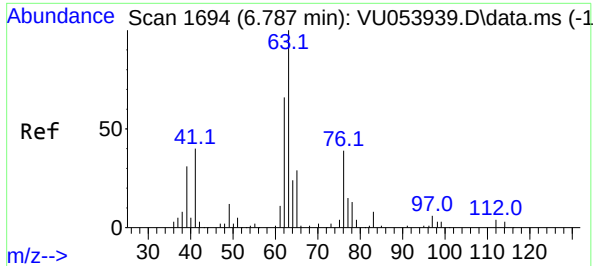
Tgt Ion:	84	Resp:	4166
Ion	Ratio	Lower	Upper
84	100		
86	65.6	45.0	83.6
49	88.8	74.8	138.8



#35
Methylcyclohexane
Concen: 0.609 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.074 min
Lab File: VU053948.D
Acq: 27 Apr 2023 20:28

Tgt Ion:	83	Resp:	9955
Ion	Ratio	Lower	Upper
83	100		
55	0.0	55.4	83.2#
98	1.3	37.3	55.9#

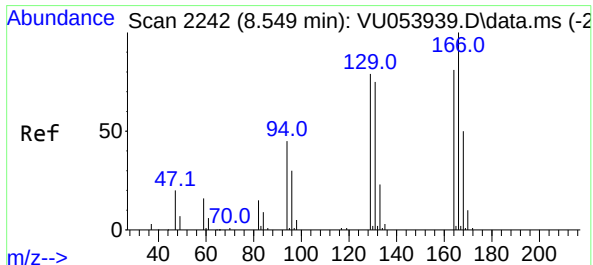
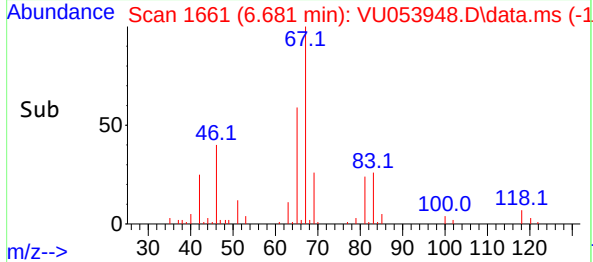
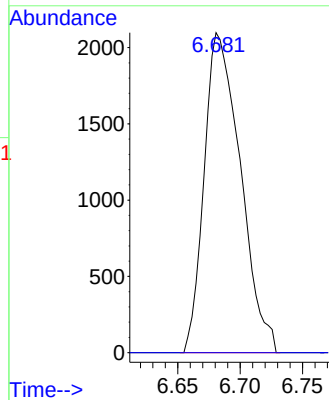
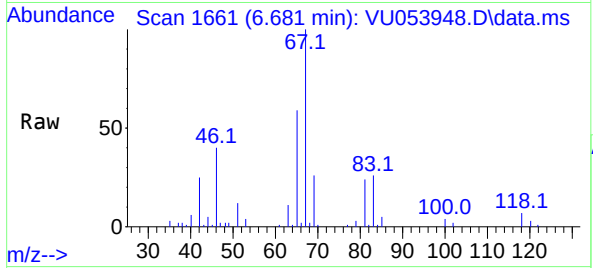




#37
1,2-Dichloropropane
Concen: 0.440 ug/L
RT: 6.681 min Scan# 1
Delta R.T. -0.106 min
Lab File: VU053948.D
Acq: 27 Apr 2023 20:28

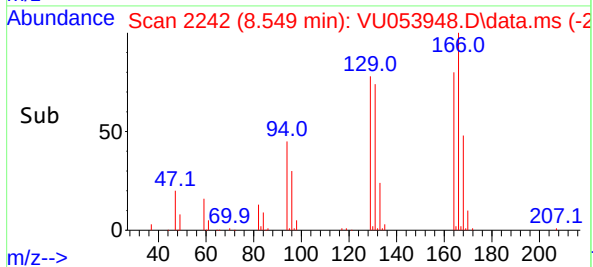
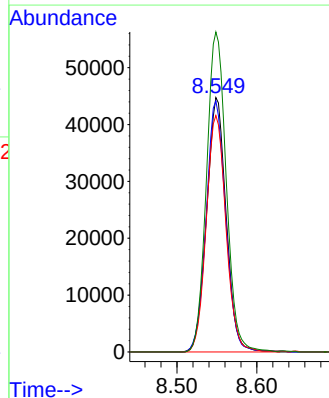
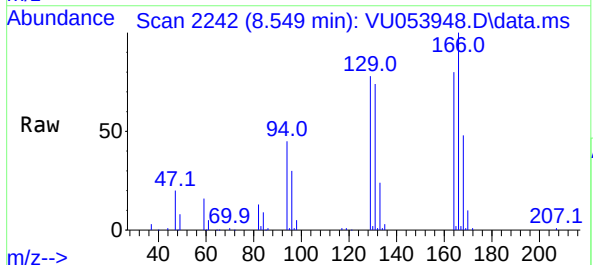
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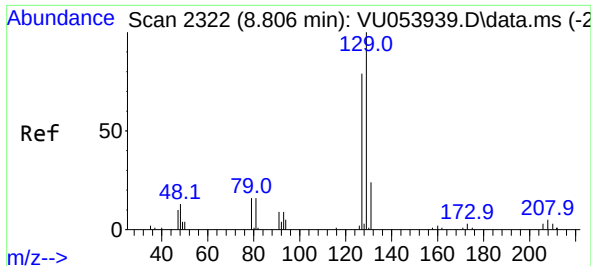
Tgt Ion: 63 Resp: 4240
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#47
Tetrachloroethene
Concen: 9.073 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU053948.D
Acq: 27 Apr 2023 20:28

Tgt Ion:164 Resp: 76071
Ion Ratio Lower Upper
164 100
129 98.7 68.3 126.8
131 92.9 64.4 119.6
166 125.8 88.3 163.9

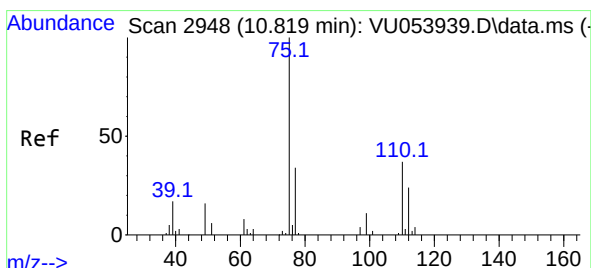
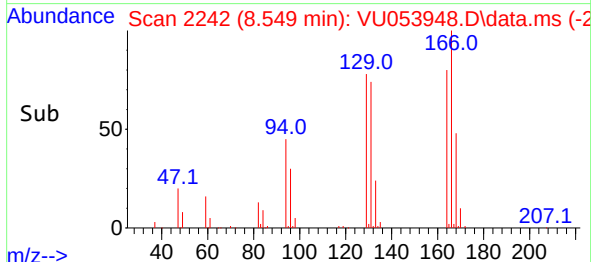
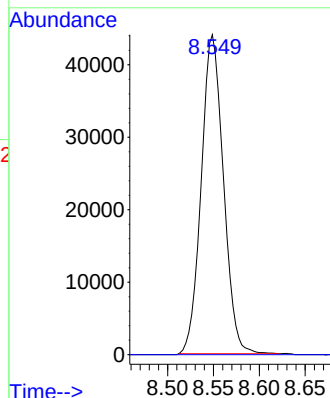
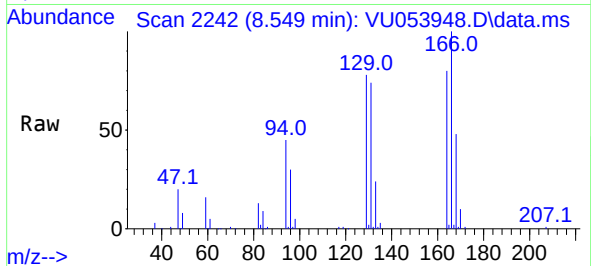




#49
Dibromochloromethane
Concen: 9.693 ug/L
RT: 8.549 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU053948.D
Acq: 27 Apr 2023 20:28

Instrument :
MSVOA_U
ClientSampleId :
BHE61

Tgt Ion:129 Resp: 74085
Ion Ratio Lower Upper
129 100
127 0.0 55.7 103.5#



#61
1,2,3-Trichloropropane
Concen: 1.503 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU053948.D
Acq: 27 Apr 2023 20:28

Tgt Ion: 75 Resp: 7651
Ion Ratio Lower Upper
75 100
110 2.2 30.7 46.1#
77 34.5 26.2 39.4

