

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040924\
 Data File : VU058509.D
 Acq On : 09 Apr 2024 12:58
 Operator : MD/SY
 Sample : P2013-20 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 10 01:14:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 10 01:12:33 2024
 Response via : Initial Calibration

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

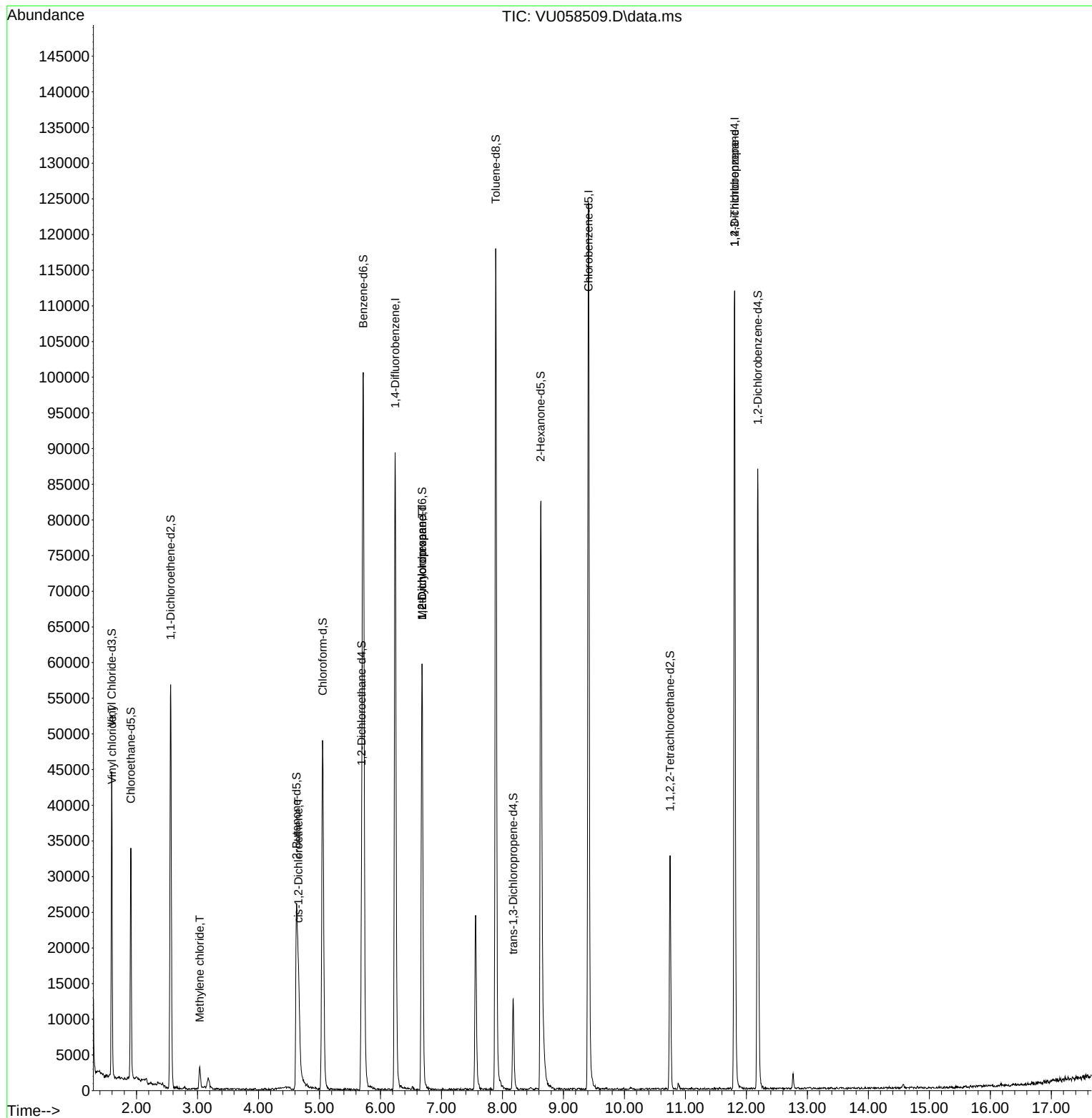
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	70663	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	67307	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	28689	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	25118	5.369	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.400%
7) Chloroethane-d5	1.907	69	21374	5.257	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.200%
11) 1,1-Dichloroethene-d2	2.560	65	11157	5.269	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.400%
20) 2-Butanone-d5	4.624	46	41626	42.221	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.440%
24) Chloroform-d	5.052	84	46545	4.984	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.692	65	22149	5.082	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.718	84	93445	5.157	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
36) 1,2-Dichloropropane-d6	6.682	67	28934	5.092	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.800%
41) Toluene-d8	7.891	98	78673	4.896	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
43) trans-1,3-Dichloroprop...	8.177	79	8233	4.667	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.627	63	29520	40.573	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.140%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	16831	4.195	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	22186	4.592	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	5293	0.735	ug/L	89
16) Methylene chloride	3.036	84	1463	0.220	ug/L	88
22) cis-1,2-Dichloroethene	4.656	96	4765	0.808	ug/L	84
35) Methylcyclohexane	6.682	83	6180	0.667	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3209	0.500	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	3833	1.309	ug/L #	67

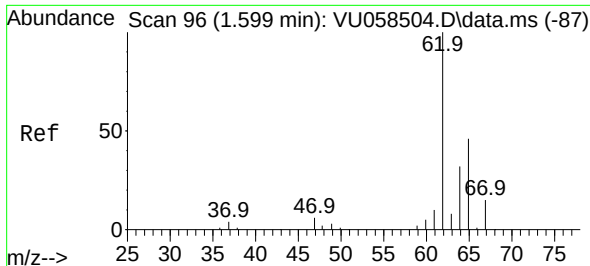
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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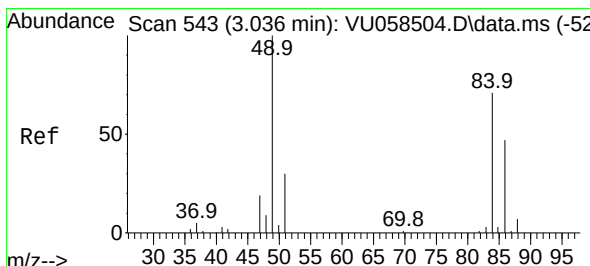
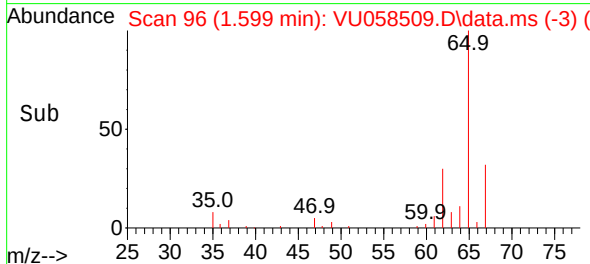
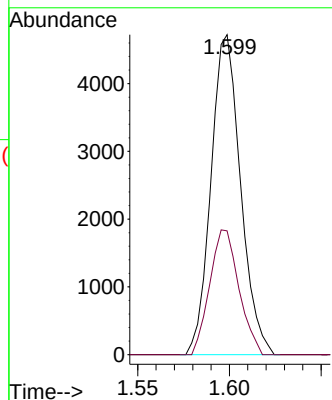
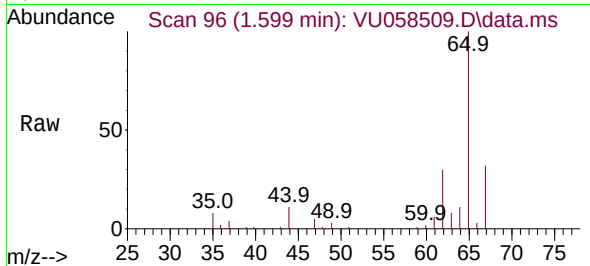




#5
 Vinyl chloride
 Concen: 0.735 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU058509.D
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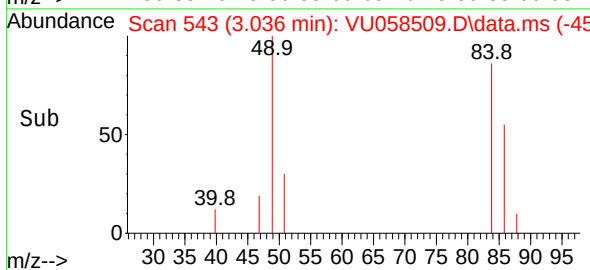
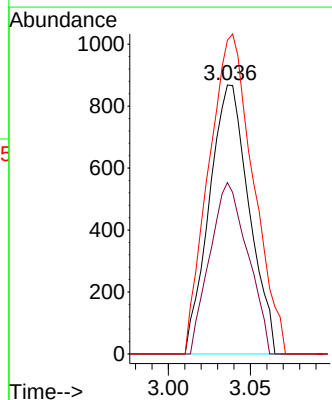
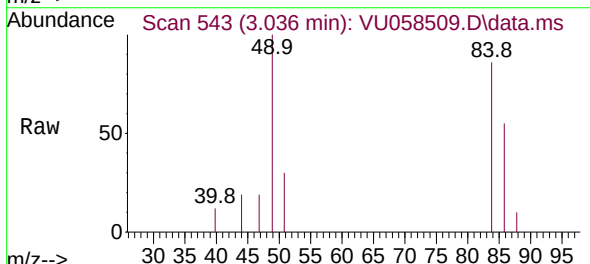
Instrument :
 MSVOA_U
 ClientSampleId :

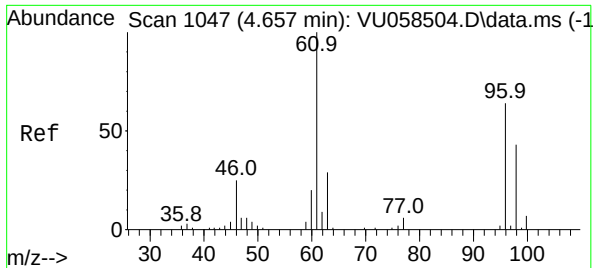
Tgt Ion: 62 Resp: 5293
 Ion Ratio Lower Upper
 62 100
 64 38.7 22.6 42.0



#16
 Methylene chloride
 Concen: 0.220 ug/L
 RT: 3.036 min Scan# 543
 Delta R.T. -0.000 min
 Lab File: VU058509.D
 Acq: 09 Apr 2024 12:58

Tgt Ion: 84 Resp: 1463
 Ion Ratio Lower Upper
 84 100
 86 63.7 44.3 82.3
 49 116.7 96.0 178.2

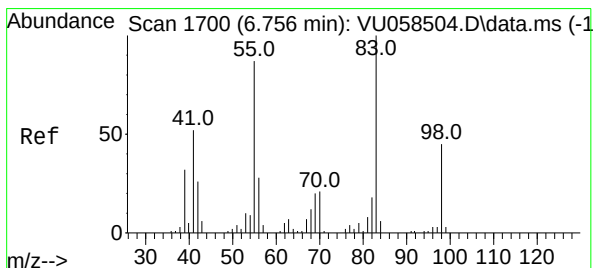
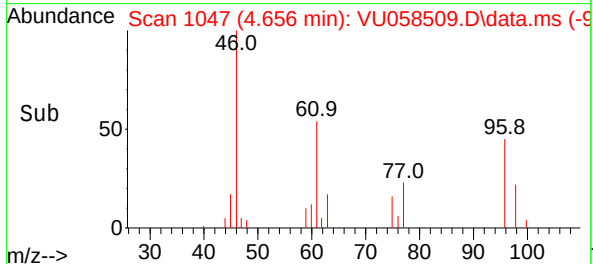
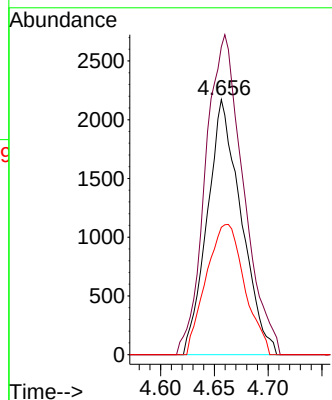
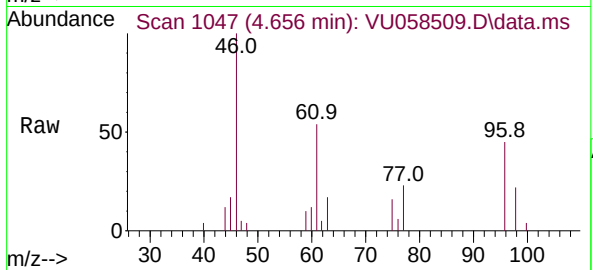




#22
 cis-1,2-Dichloroethene
 Concen: 0.808 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU058509.D
 Acq: 09 Apr 2024 12:58

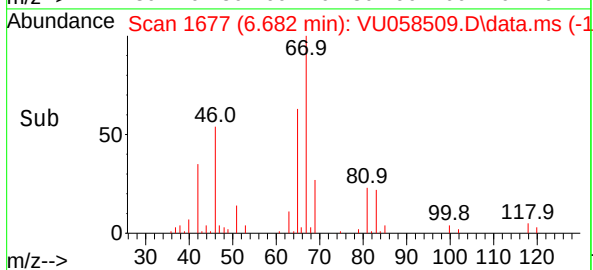
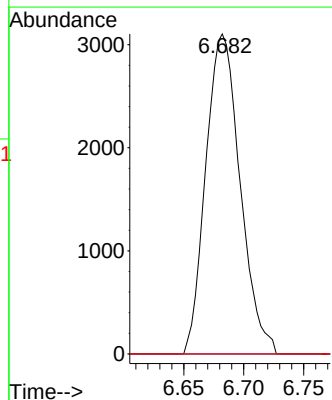
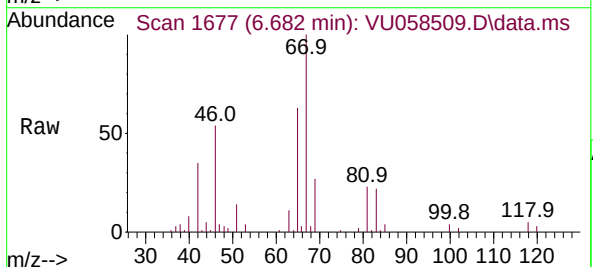
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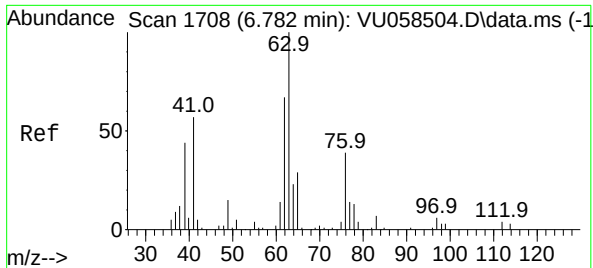
Tgt Ion: 96 Resp: 4765
 Ion Ratio Lower Upper
 96 100
 61 120.7 98.1 182.3
 98 49.9 43.6 81.0



#35
 Methylcyclohexane
 Concen: 0.667 ug/L
 RT: 6.682 min Scan# 1677
 Delta R.T. -0.074 min
 Lab File: VU058509.D
 Acq: 09 Apr 2024 12:58

Tgt Ion: 83 Resp: 6180
 Ion Ratio Lower Upper
 83 100
 55 0.0 66.2 99.4#
 98 0.0 34.6 52.0#

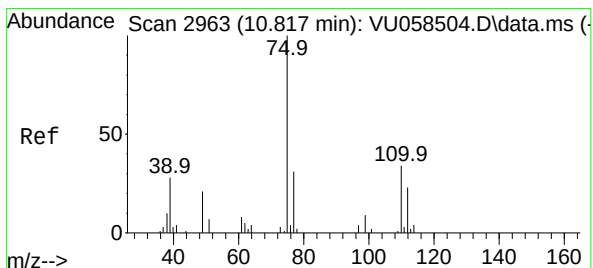
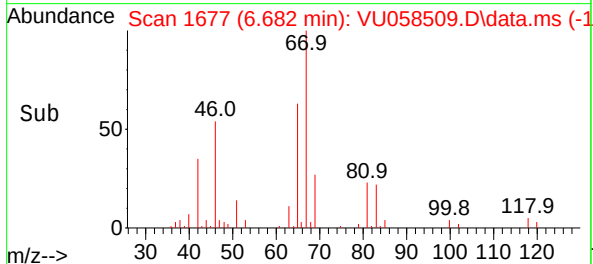
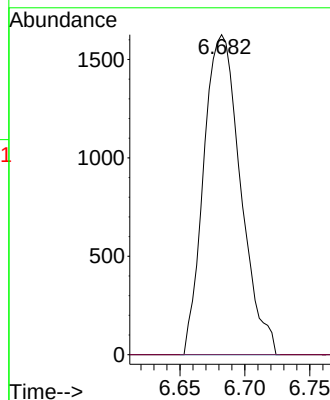
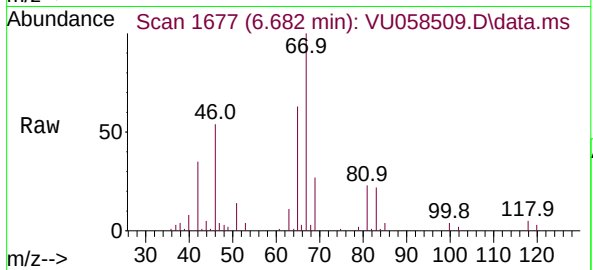




#37
1,2-Dichloropropane
Concen: 0.500 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058509.D
Acq: 09 Apr 2024 12:58

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3209
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#61
1,2,3-Trichloropropane
Concen: 1.309 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU058509.D
Acq: 09 Apr 2024 12:58

Tgt Ion: 75 Resp: 3833
Ion Ratio Lower Upper
75 100
110 0.0 25.8 38.6#
77 36.2 25.1 37.7

