

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041124\
 Data File : VU058606.D
 Acq On : 11 Apr 2024 14:26
 Operator : MD/SY
 Sample : P1948-20 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 12 02:27:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 12 02:25:12 2024
 Response via : Initial Calibration

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

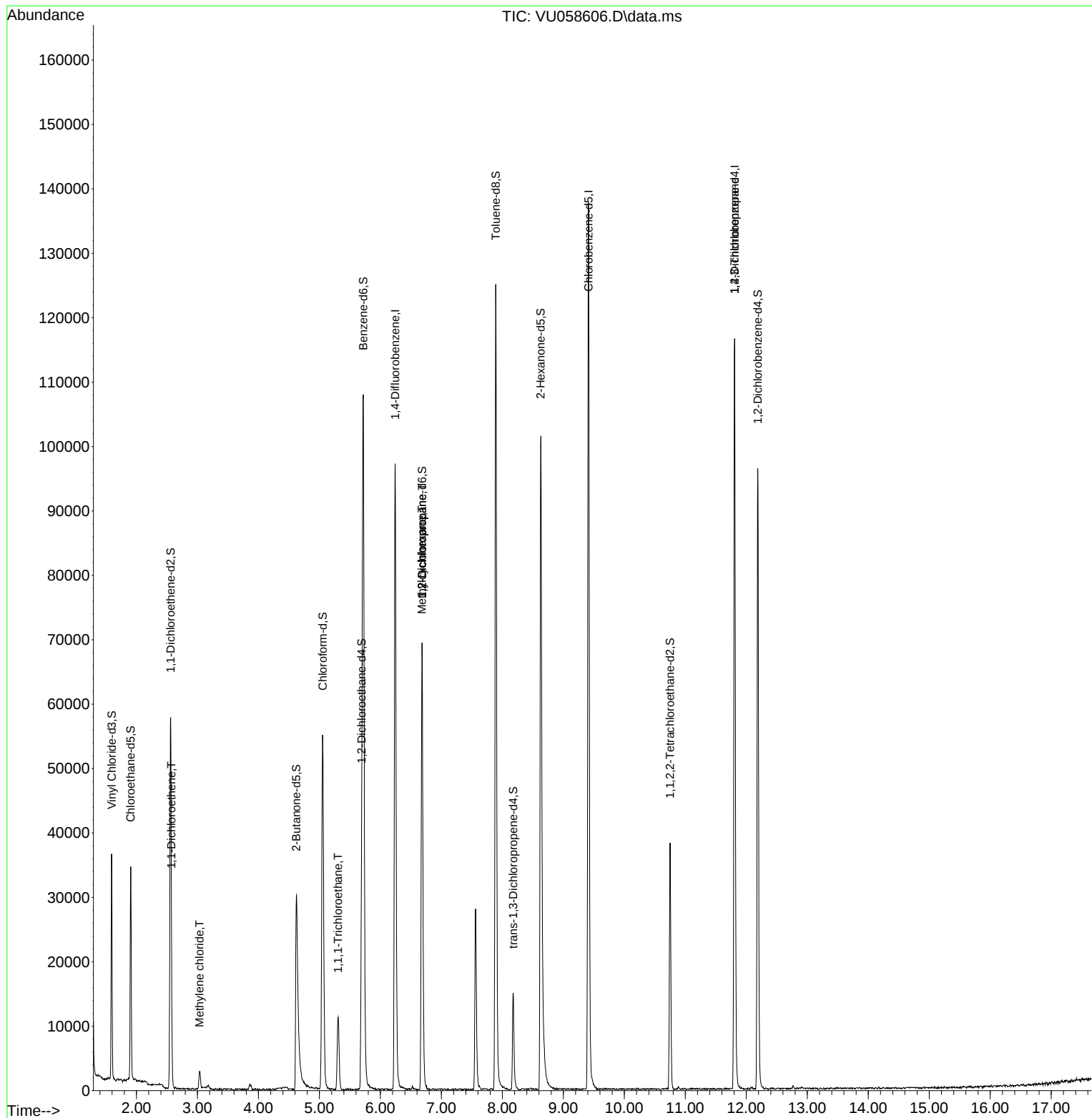
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	74955	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	73654	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	30675	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	23628	4.761	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	95.200%		
7) Chloroethane-d5	1.904	69	22273	5.165	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	103.200%		
11) 1,1-Dichloroethene-d2	2.560	65	11137	4.958	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	99.200%		
20) 2-Butanone-d5	4.621	46	51782	49.515	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	99.020%		
24) Chloroform-d	5.052	84	50851	5.133	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	102.600%		
26) 1,2-Dichloroethane-d4	5.692	65	24776	5.359	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	107.200%		
32) Benzene-d6	5.718	84	98654	4.975	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	99.600%		
36) 1,2-Dichloropropane-d6	6.682	67	31864	5.124	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	102.400%		
41) Toluene-d8	7.891	98	83251	4.734	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	94.600%		
43) trans-1,3-Dichloroprop...	8.177	79	9213	4.773	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	95.400%		
46) 2-Hexanone-d5	8.627	63	35314	44.354	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	88.700%		
56) 1,1,2,2-Tetrachloroeth...	10.750	84	19687	4.484	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	89.600%		
66) 1,2-Dichlorobenzene-d4	12.187	152	25103	4.859	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	97.200%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	1238	0.233	ug/L #	1
16) Methylene chloride	3.033	84	1231	0.175	ug/L	84
29) 1,1,1-Trichloroethane	5.306	97	8069	0.817	ug/L	93
35) Methylcyclohexane	6.679	83	6982	0.689	ug/L #	16
37) 1,2-Dichloropropane	6.682	63	3547	0.505	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	4370	1.396	ug/L #	69

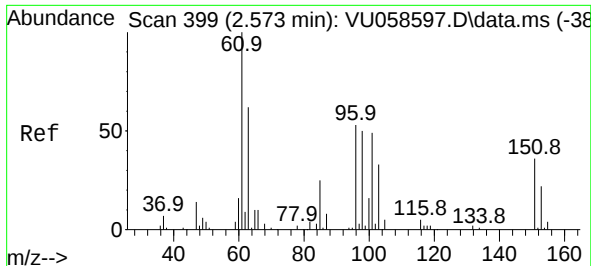
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.233 ug/L

RT: 2.573 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU058606.D

Acq: 11 Apr 2024 14:26

Instrument :

MSVOA_U

ClientSampleId :

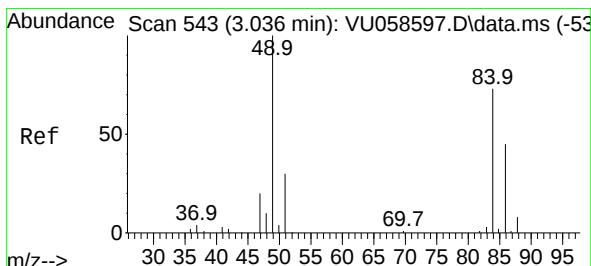
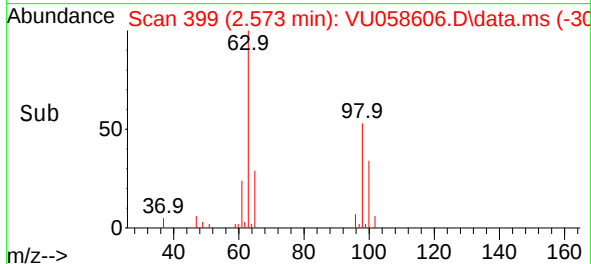
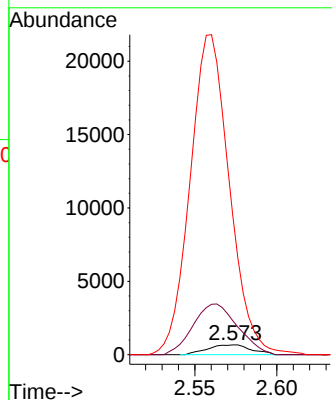
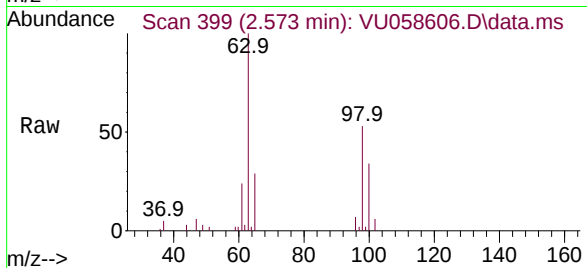
Tgt Ion: 96 Resp: 1238

Ion Ratio Lower Upper

96 100

61 346.9 132.5 246.1#

63 1423.7 87.7 162.9#



#16

Methylene chloride

Concen: 0.175 ug/L

RT: 3.033 min Scan# 542

Delta R.T. -0.003 min

Lab File: VU058606.D

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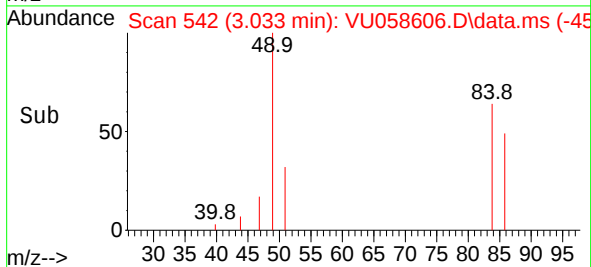
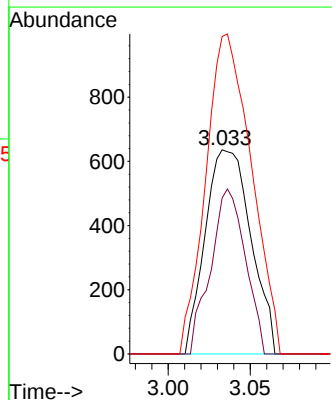
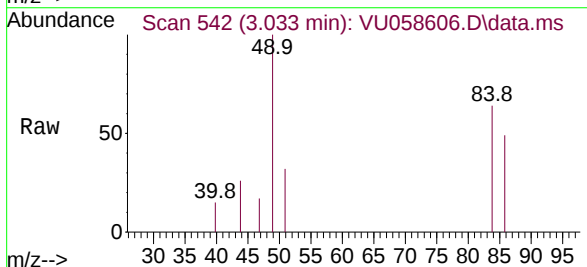
Tgt Ion: 84 Resp: 1231

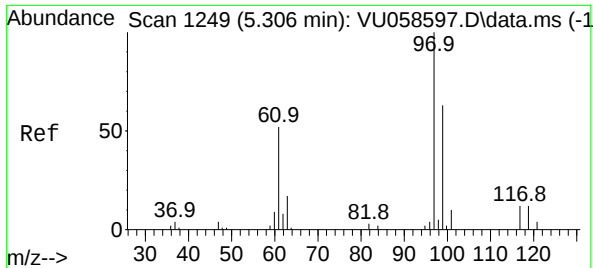
Ion Ratio Lower Upper

84 100

86 76.4 44.3 82.3

49 155.5 96.0 178.2

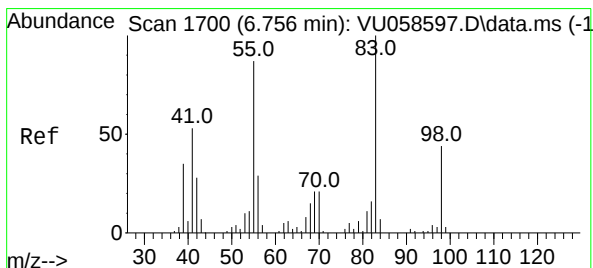
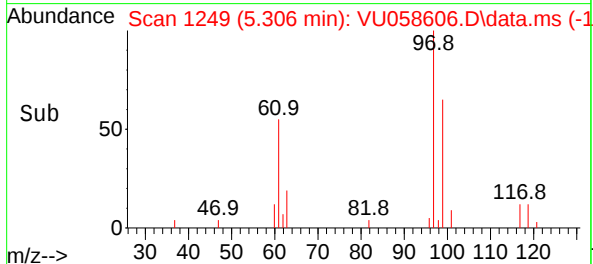
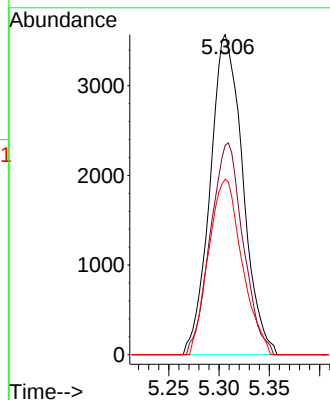
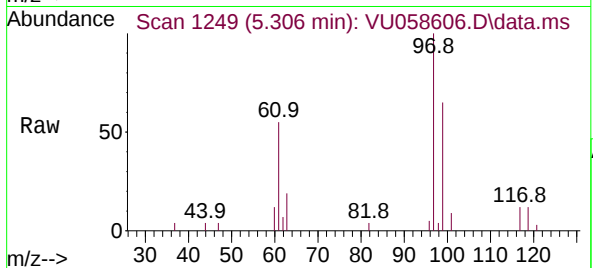




#29
1,1,1-Trichloroethane
Concen: 0.817 ug/L
RT: 5.306 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU058606.D
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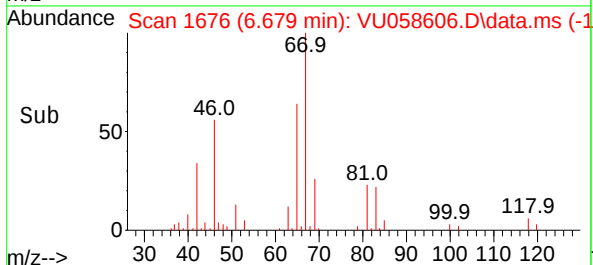
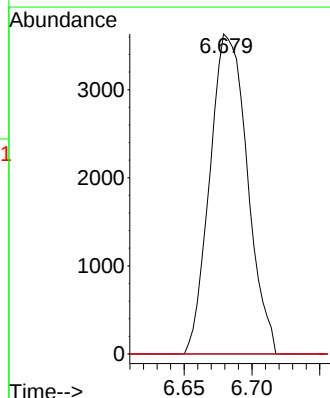
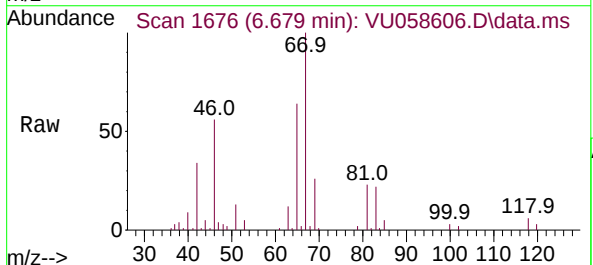
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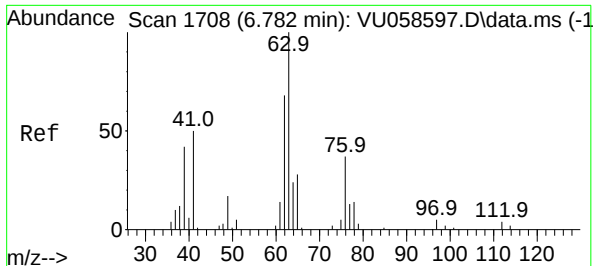
Tgt Ion:	97	Resp:	8069
Ion	Ratio	Lower	Upper
97	100		
99	66.3	50.4	75.6
61	56.2	39.4	59.0



#35
Methylcyclohexane
Concen: 0.689 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.077 min
Lab File: VU058606.D
Acq: 11 Apr 2024 14:26

Tgt Ion:	83	Resp:	6982
Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.2	99.4#
98	0.0	34.6	52.0#

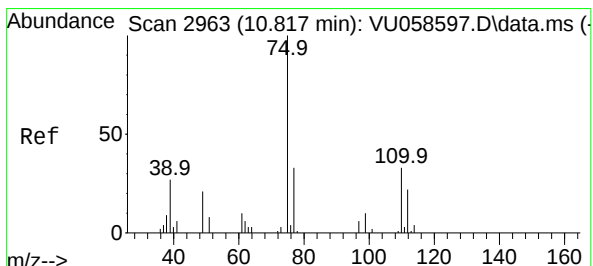
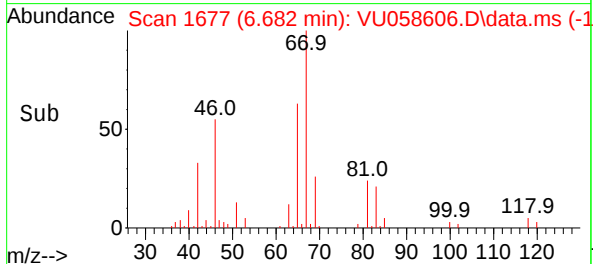
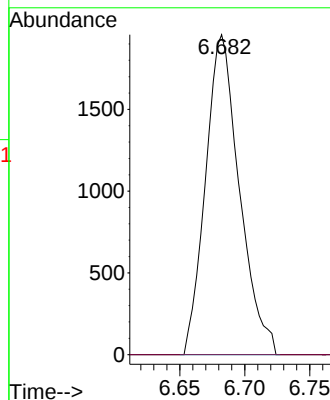
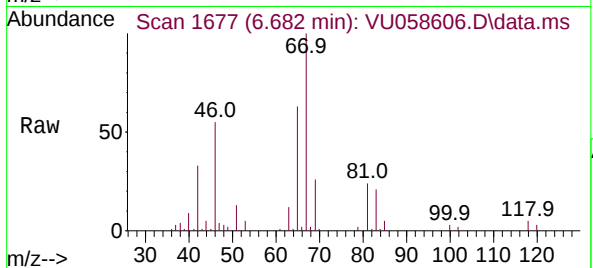




#37
1,2-Dichloropropane
Concen: 0.505 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU058606.D
Acq: 11 Apr 2024 14:26

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 3547
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#61
1,2,3-Trichloropropane
Concen: 1.396 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU058606.D
Acq: 11 Apr 2024 14:26

Tgt Ion: 75 Resp: 4370
Ion Ratio Lower Upper
75 100
110 0.0 25.8 38.6#
77 29.2 25.1 37.7

