

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040924\
 Data File : VU058525.D
 Acq On : 09 Apr 2024 19:10
 Operator : MD/SY
 Sample : P1997-19 400X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 10 01:17:54 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)

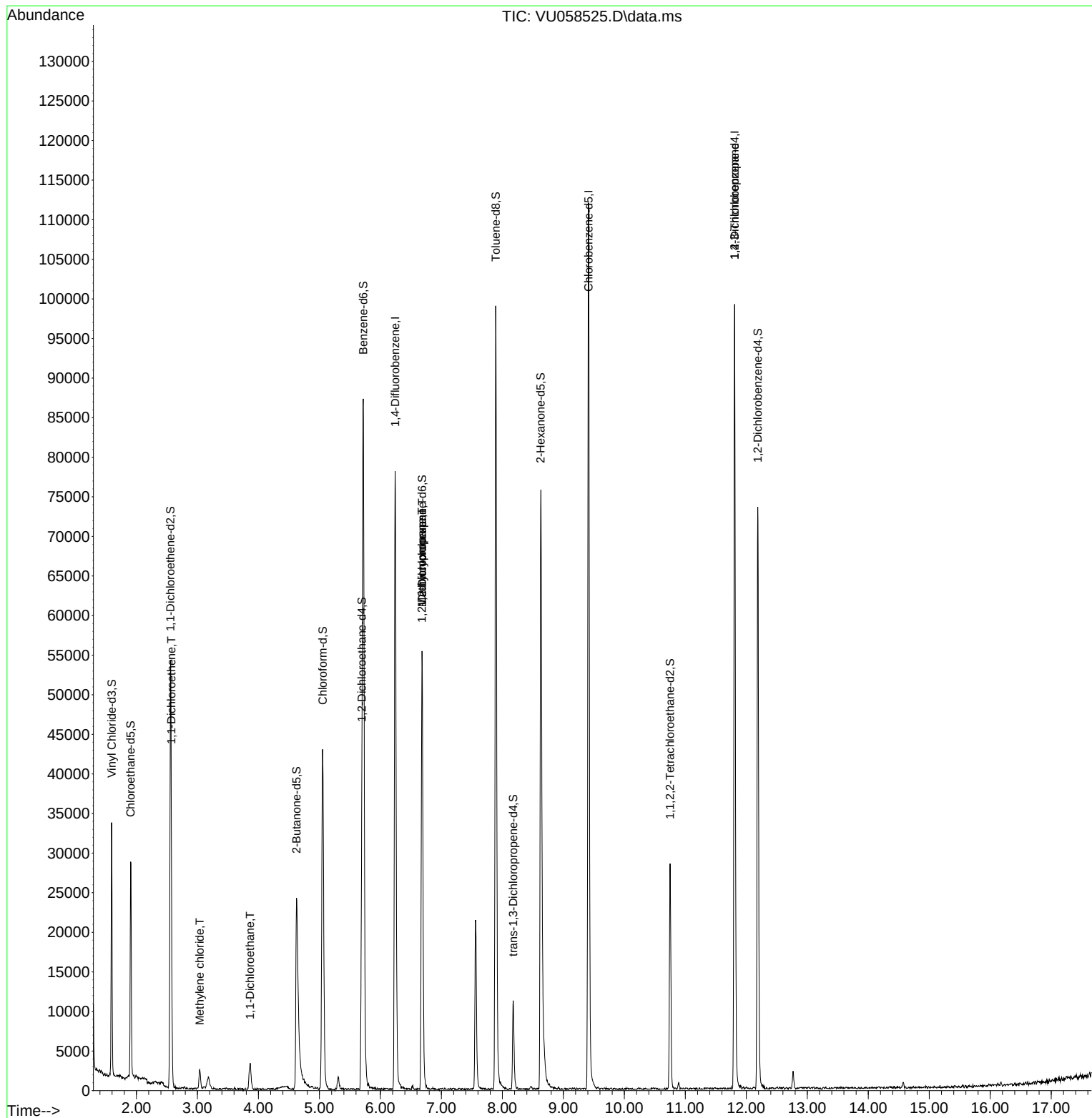
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	62615	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	60819	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	25634	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	21351	5.150	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 103.000%			
7) Chloroethane-d5	1.904	69	18295	5.078	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 101.600%			
11) 1,1-Dichloroethene-d2	2.557	65	9387	5.003	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 100.000%			
20) 2-Butanone-d5	4.624	46	38828	44.445	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 88.880%			
24) Chloroform-d	5.052	84	40208	4.859	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.200%			
26) 1,2-Dichloroethane-d4	5.695	65	18945	4.905	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.200%			
32) Benzene-d6	5.718	84	80575	4.921	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.400%			
36) 1,2-Dichloropropane-d6	6.682	67	26509	5.162	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 103.200%			
41) Toluene-d8	7.891	98	66577	4.585	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.600%			
43) trans-1,3-Dichloroprop...	8.177	79	7103	4.456	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.200%			
46) 2-Hexanone-d5	8.627	63	26953	40.997	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 82.000%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	15269	4.212	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 84.200%			
66) 1,2-Dichlorobenzene-d4	12.187	152	19369	4.486	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.800%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.570	96	3387	0.763	ug/L #	1
16) Methylene chloride	3.036	84	1195	0.203	ug/L	98
19) 1,1-Dichloroethane	3.862	63	4645	0.458	ug/L #	88
35) Methylcyclohexane	6.682	83	5539	0.662	ug/L #	16
37) 1,2-Dichloropropane	6.679	63	2834	0.489	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	3577	1.368	ug/L #	71

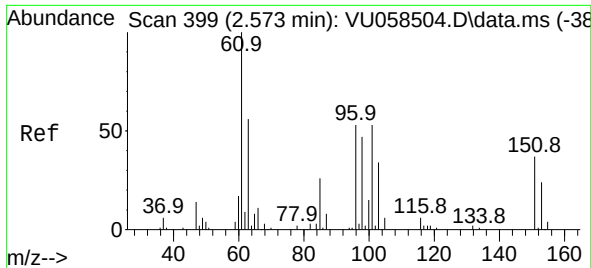
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.763 ug/L

RT: 2.570 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU058525.D

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MSVOA_U

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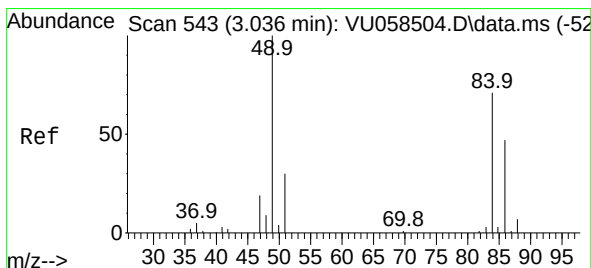
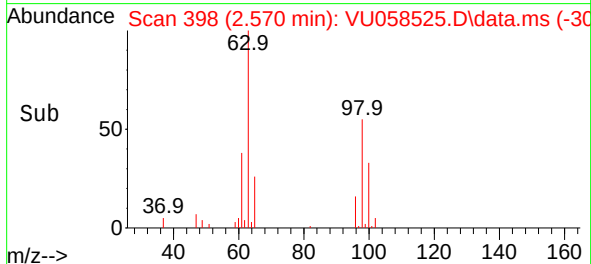
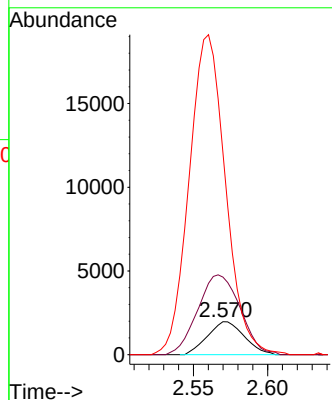
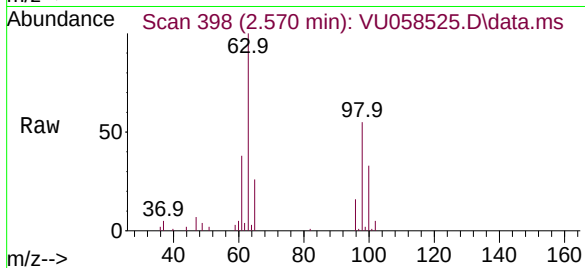
Tgt Ion: 96 Resp: 3387

Ion Ratio Lower Upper

96 100

61 235.9 132.5 246.1

63 614.9 87.7 162.9#



#16

Methylene chloride

Concen: 0.203 ug/L

RT: 3.036 min Scan# 543

Delta R.T. -0.000 min

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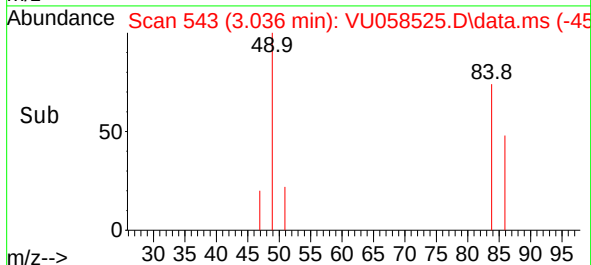
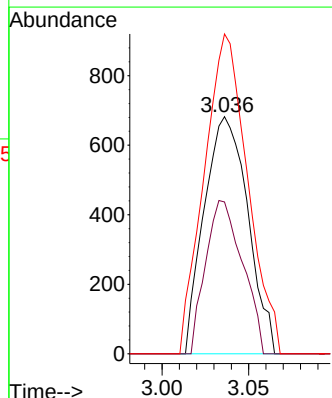
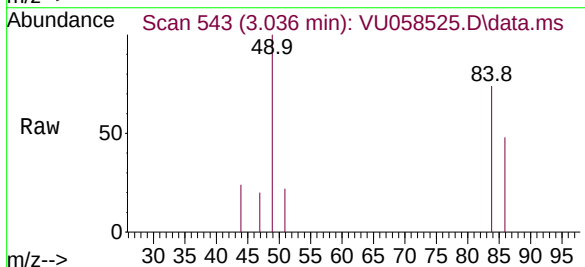
Tgt Ion: 84 Resp: 1195

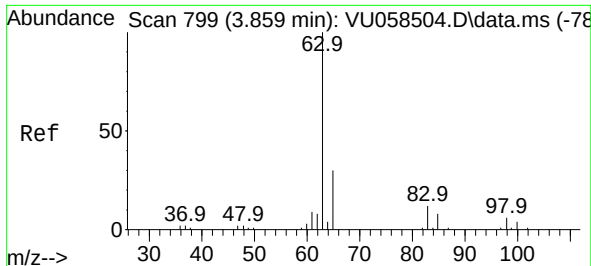
Ion Ratio Lower Upper

84 100

86 64.1 44.3 82.3

49 134.9 96.0 178.2

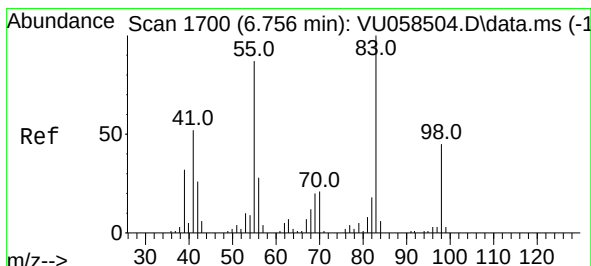
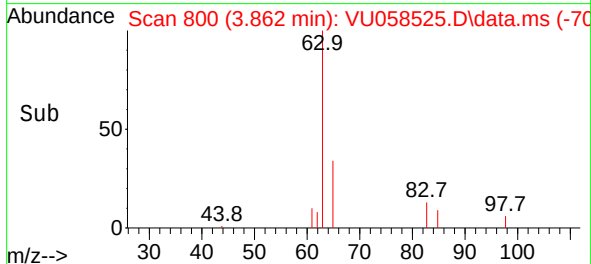
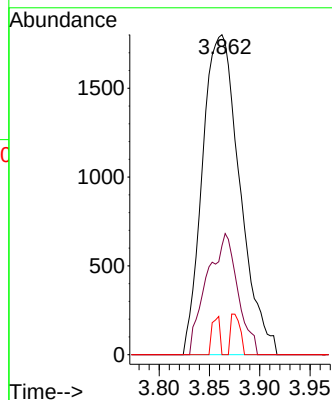
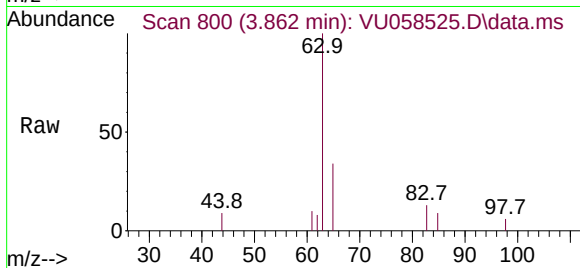




#19
1,1-Dichloroethane
Concen: 0.458 ug/L
RT: 3.862 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU058525.D
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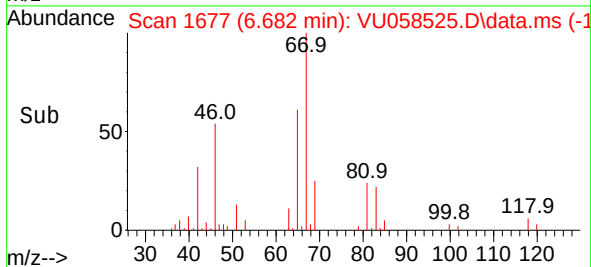
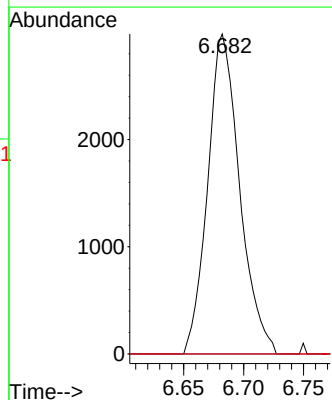
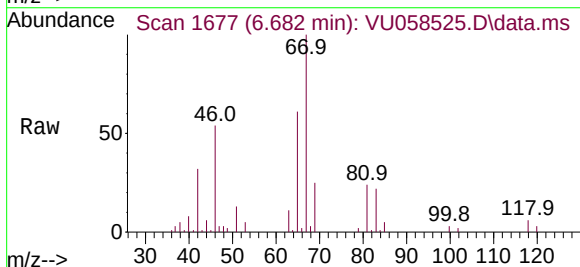
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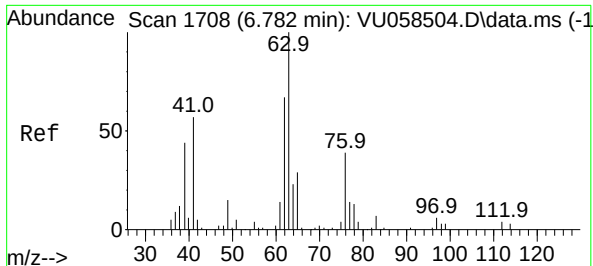
Tgt Ion: 63 Resp: 4645
Ion Ratio Lower Upper
63 100
65 34.1 22.9 42.5
83 0.0 9.6 17.8#



#35
Methylcyclohexane
Concen: 0.662 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU058525.D
Acq: 09 Apr 2024 19:10

Tgt Ion: 83 Resp: 5539
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.4#
98 0.0 34.6 52.0#

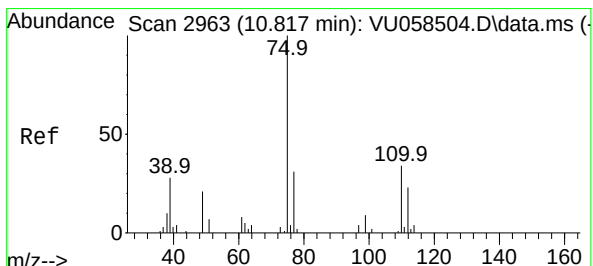
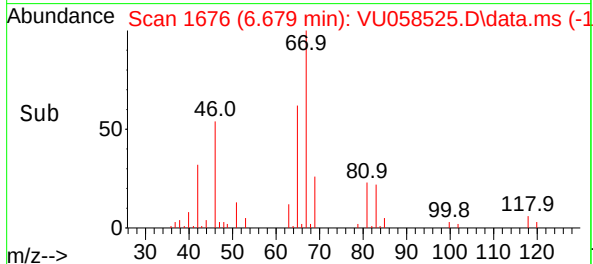
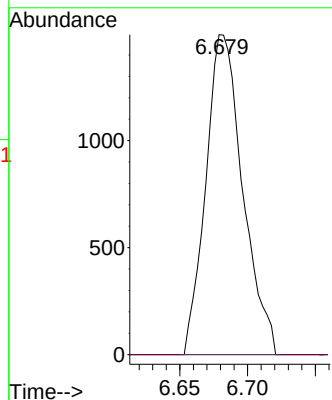
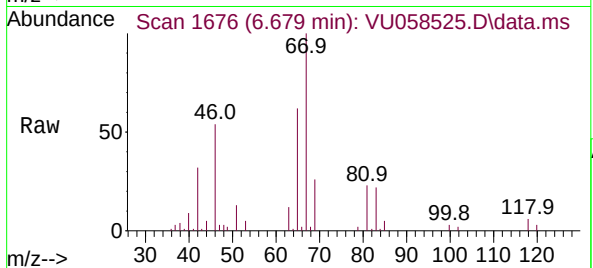




#37
1,2-Dichloropropane
Concen: 0.489 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU058525.D
Acq: 09 Apr 2024 19:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 2834
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#61
1,2,3-Trichloropropane
Concen: 1.368 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU058525.D
Acq: 09 Apr 2024 19:10

Tgt Ion: 75 Resp: 3577
Ion Ratio Lower Upper
75 100
110 0.0 25.8 38.6#
77 31.4 25.1 37.7

