

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030824\
 Data File : VU058024.D
 Acq On : 08 Mar 2024 17:55
 Operator : MD/SY
 Sample : P1636-18
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 09 00:15:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 09 00:10:03 2024
 Response via : Initial Calibration

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

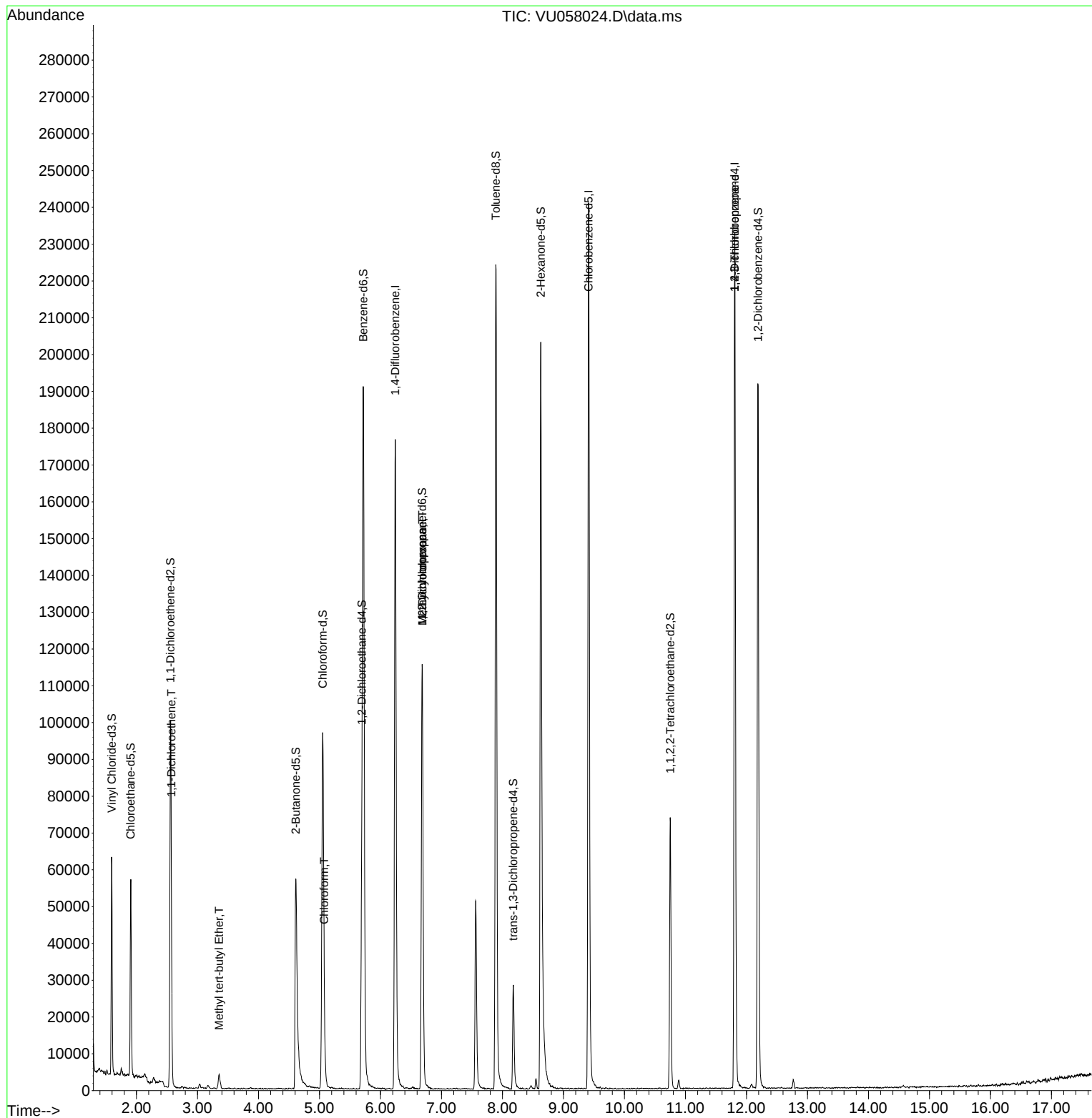
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	143716	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	136983	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	62577	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	41463	4.010	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.200%
7) Chloroethane-d5	1.904	69	36759	4.325	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.557	65	19005	4.247	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.000%
20) 2-Butanone-d5	4.612	46	91302	53.590	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.180%
24) Chloroform-d	5.052	84	91049	4.656	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.695	65	44289	4.998	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
32) Benzene-d6	5.718	84	180361	4.518	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.682	67	58995	4.861	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.200%
41) Toluene-d8	7.891	98	152856	4.226	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	8.177	79	17853	4.278	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.627	63	75182	53.658	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.320%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	37943	5.099	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	50395	4.890	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.570	96	3332	0.384	ug/L #	1
17) Methyl tert-butyl Ether	3.354	73	4209	0.205	ug/L	97
25) Chloroform	5.078	83	5492	0.286	ug/L	94
35) Methylcyclohexane	6.685	83	12984	0.766	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	6285	0.580	ug/L #	89
61) 1,2,3-Trichloropropane	11.807	75	8663	1.690	ug/L #	68

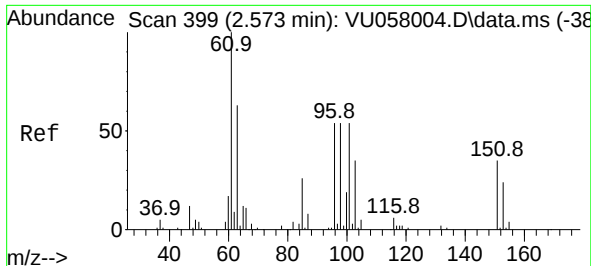
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.384 ug/L

RT: 2.570 min Scan# 399

Delta R.T. -0.003 min

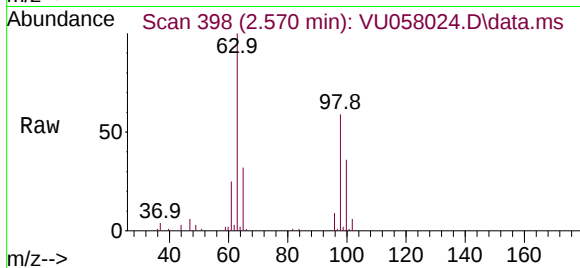
Lab File: VU058024.D

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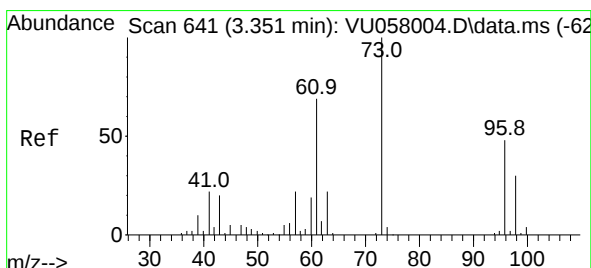
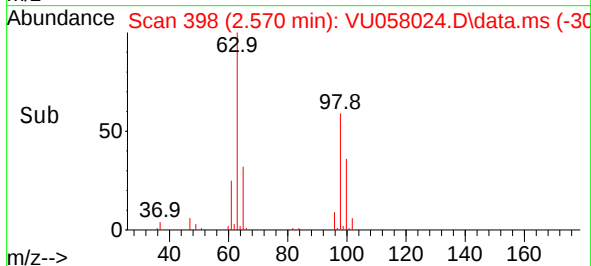
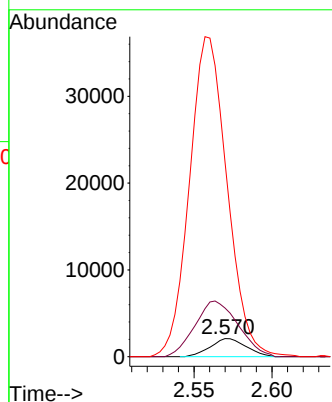
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	96	Resp:	3332
Ion	Ratio	Lower	Upper
96	100		
61	268.1	131.8	244.8#
63	1075.0	98.1	182.1#



#17

Methyl tert-butyl Ether

Concen: 0.205 ug/L

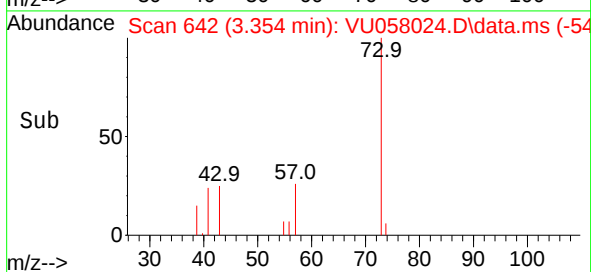
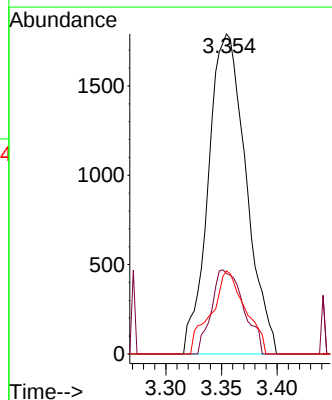
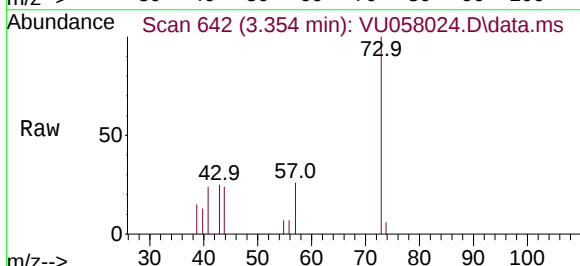
RT: 3.354 min Scan# 642

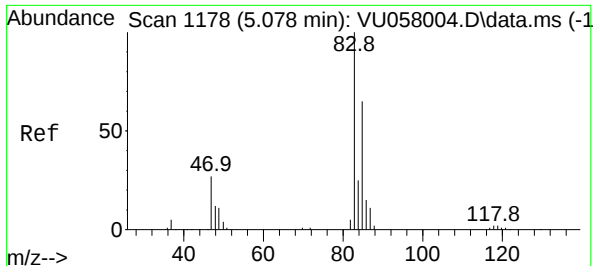
Delta R.T. 0.003 min

Lab File: VU058024.D

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Tgt Ion:	73	Resp:	4209
Ion	Ratio	Lower	Upper
73	100		
43	22.3	16.2	24.4
57	23.6	17.9	26.9





#25

Chloroform

Concen: 0.286 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. 0.000 min

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Instrument :

MSVOA_U

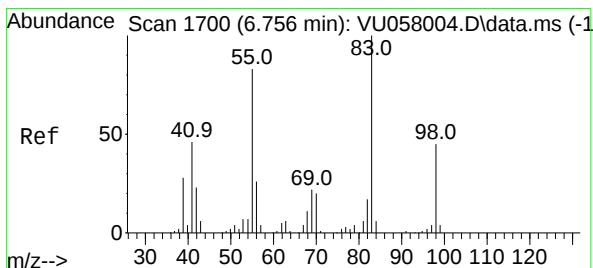
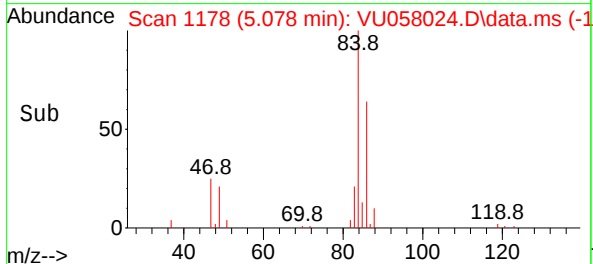
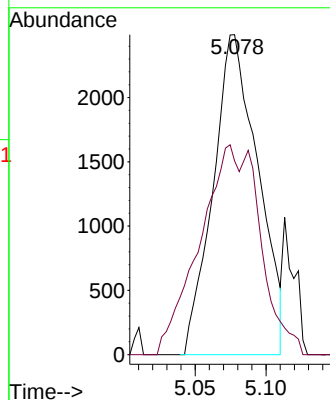
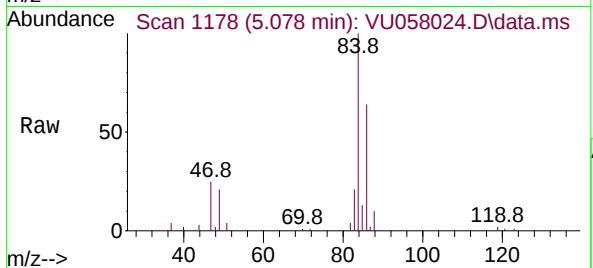
ClientSampleId :

Tgt Ion: 83 Resp: 5492

Ion Ratio Lower Upper

83 100

85 60.5 45.4 84.4



#35

Methylcyclohexane

Concen: 0.766 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.071 min

Lab File: VU058024.D

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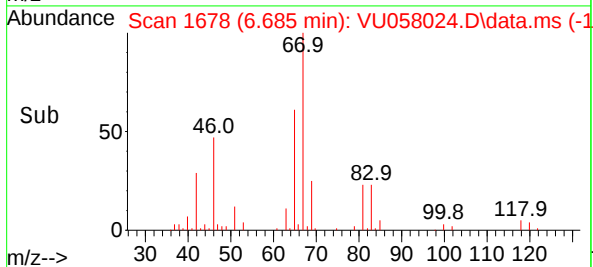
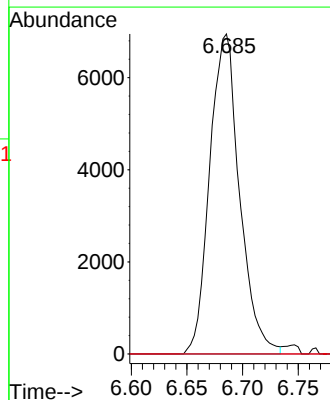
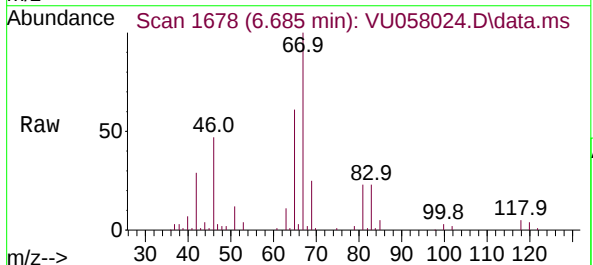
Tgt Ion: 83 Resp: 12984

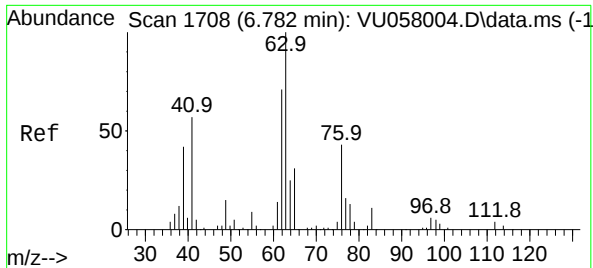
Ion Ratio Lower Upper

83 100

55 0.0 63.0 94.6#

98 0.0 36.2 54.4#

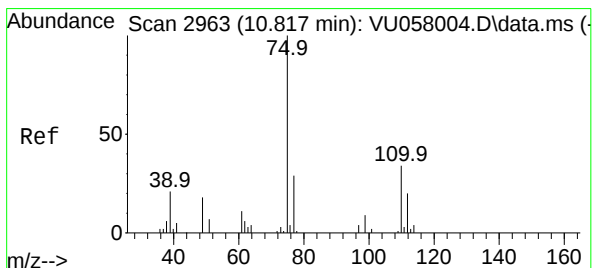
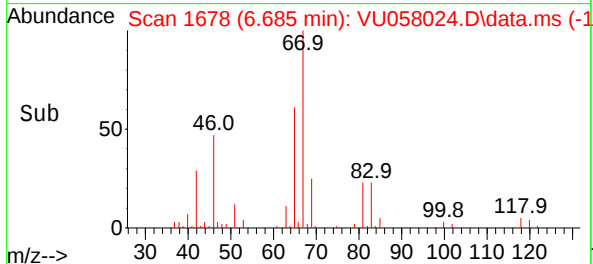
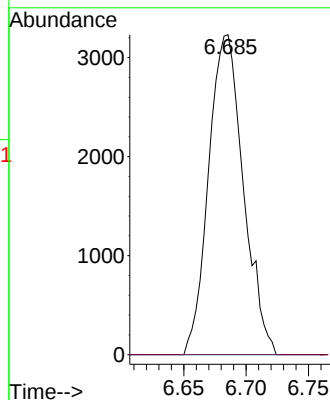
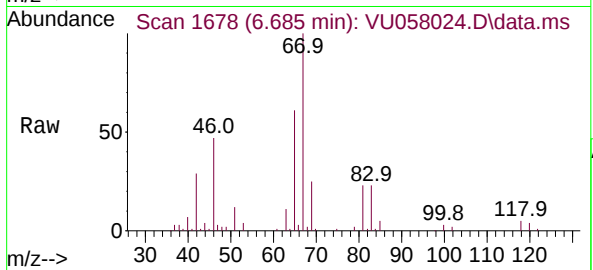




#37
1,2-Dichloropropane
Concen: 0.580 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU058024.D
Acq: 08 Mar 2024 17:55

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 63 Resp: 6285
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#61
1,2,3-Trichloropropane
Concen: 1.690 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU058024.D
Acq: 08 Mar 2024 17:55

Tgt Ion: 75 Resp: 8663
Ion Ratio Lower Upper
75 100
110 1.8 28.0 42.0#
77 28.9 24.7 37.1

