

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041922\
 Data File : VU048135.D
 Acq On : 19 Apr 2022 16:37
 Operator : SY/MD
 Sample : N2419-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 20 02:11:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 20 02:08:53 2022
 Response via : Initial Calibration

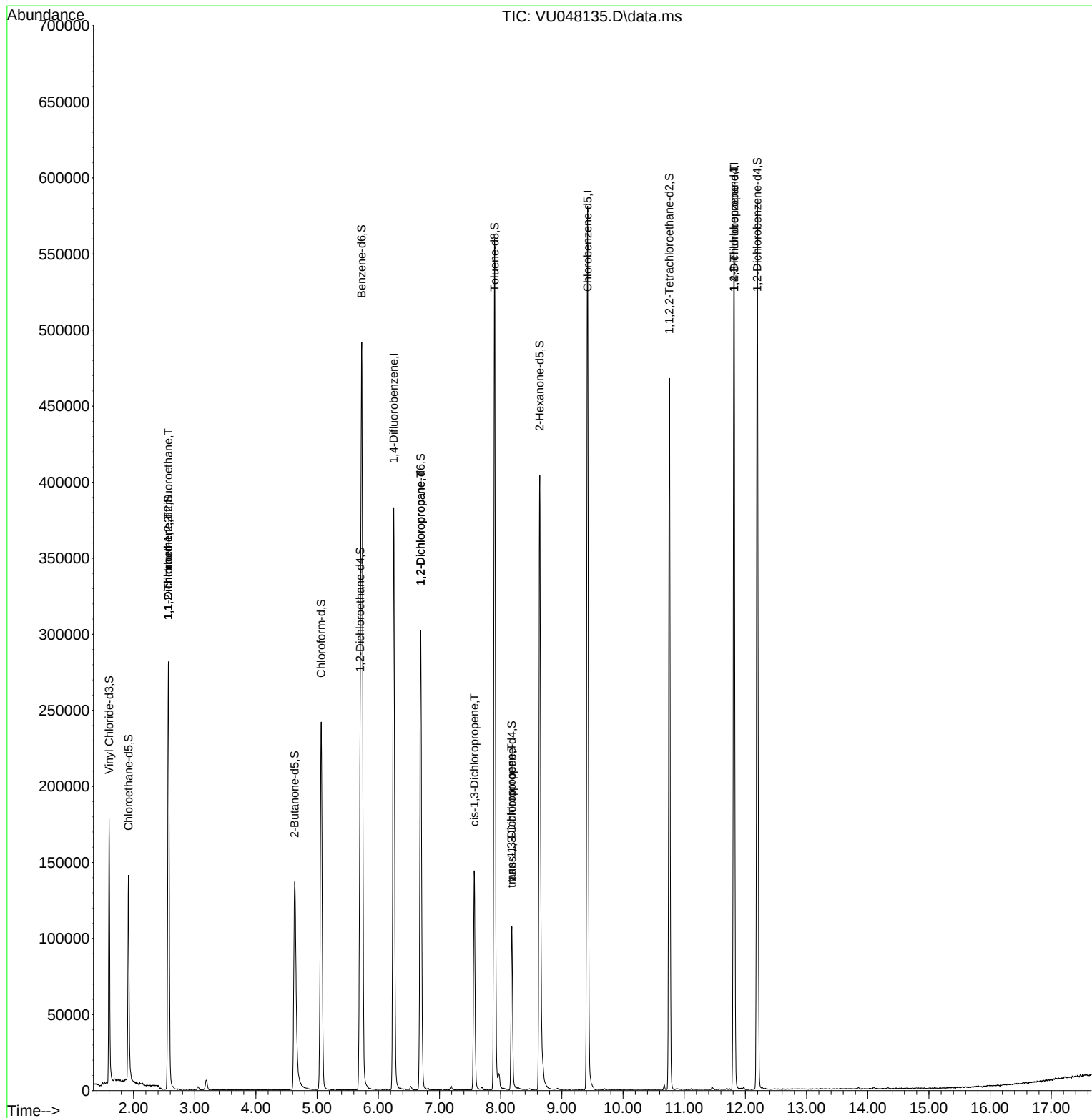
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	329627	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	351347	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	163762	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	130809	54.724	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 109.440%		
7) Chloroethane-d5	1.916	69	107226	56.890	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 113.780%		
11) 1,1-Dichloroethene-d2	2.568	63	165116	37.755	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 75.520%		
21) 2-Butanone-d5	4.632	46	205681	100.250	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 100.250%		
24) Chloroform-d	5.067	84	229470	52.466	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 104.940%		
26) 1,2-Dichloroethane-d4	5.703	65	143123	53.355	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 106.700%		
32) Benzene-d6	5.729	84	466693	52.788	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 105.580%		
36) 1,2-Dichloropropane-d6	6.693	67	150972	55.604	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 111.200%		
41) Toluene-d8	7.899	98	388082	45.054	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 90.100%		
43) trans-1,3-Dichloroprop...	8.182	79	61813	44.938	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 89.880%		
47) 2-Hexanone-d5	8.639	63	141442	88.989	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 88.990%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	230794	49.531	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 99.060%		
66) 1,2-Dichlorobenzene-d4	12.195	152	170139	58.397	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 116.800%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	1646	0.677	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1281	0.567	ug/L #	1
37) 1,2-Dichloropropane	6.693	63	15231	5.891	ug/L #	87
39) cis-1,3-Dichloropropene	7.568	75	3248	0.810	ug/L #	55
44) trans-1,3-Dichloropropene	8.179	75	2794	0.698	ug/L	92
60) 1,2,3-Trichloropropane	11.815	75	17535	5.680	ug/L #	66

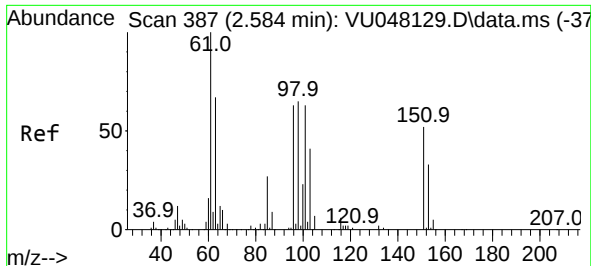
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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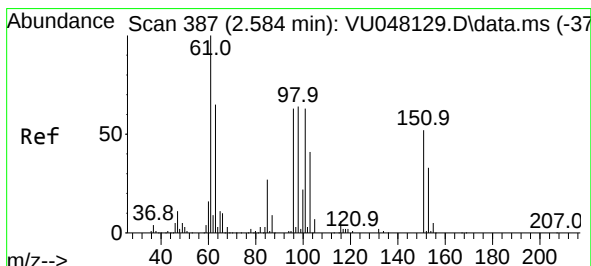
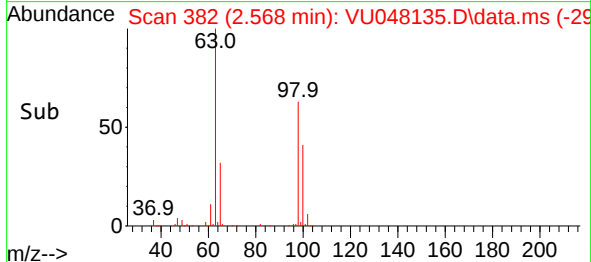
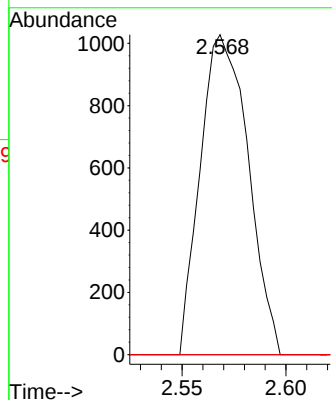
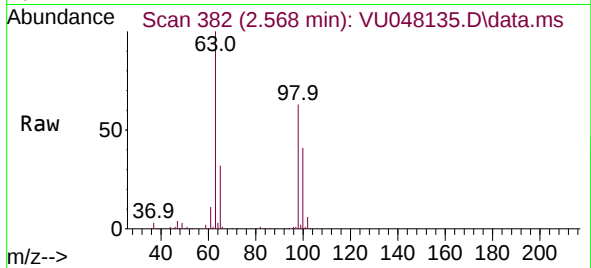




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.677 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.016 min
 Lab File: VU048135.D
 Acq: 19 Apr 2022 16:37

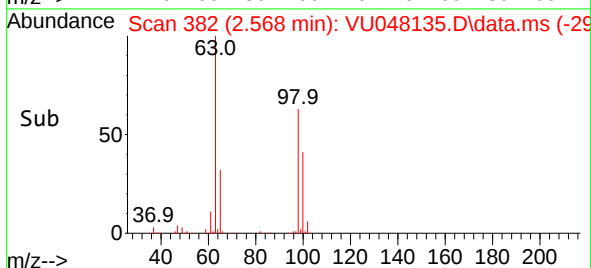
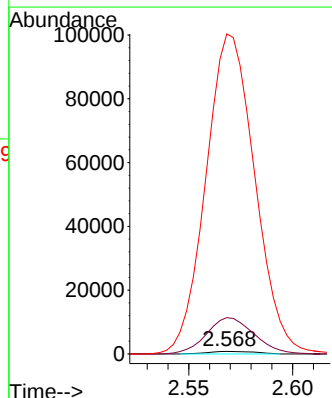
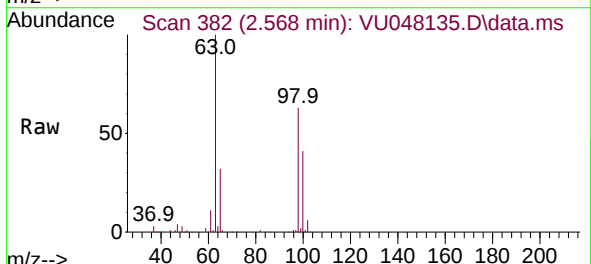
Instrument :
 MSVOA_U
 ClientSampleId :

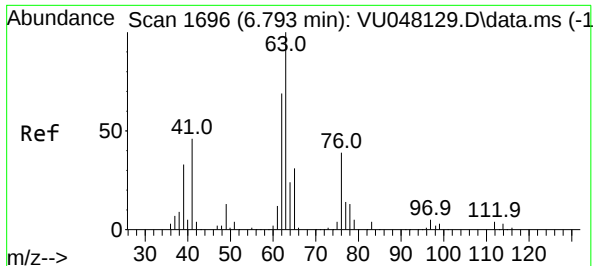
Tgt Ion:101 Resp: 1646
 Ion Ratio Lower Upper
 101 100
 85 0.0 32.8 49.2#
 151 0.0 63.0 94.6#



#12
 1,1-Dichloroethene
 Concen: 0.567 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.016 min
 Lab File: VU048135.D
 Acq: 19 Apr 2022 16:37

Tgt Ion: 96 Resp: 1281
 Ion Ratio Lower Upper
 96 100
 61 1398.9 113.1 210.1#
 63 12341.5 94.8 176.0#





#37

1,2-Dichloropropane

Concen: 5.891 ug/L

RT: 6.693 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU048135.D

Acq: 19 Apr 2022 16:37

Instrument :

MSVOA_U

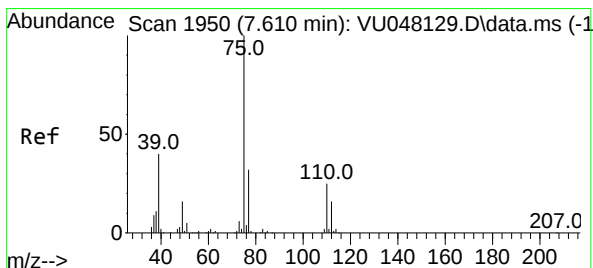
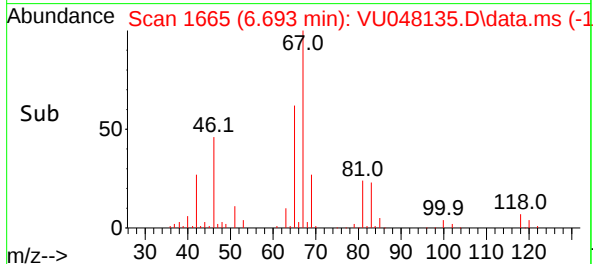
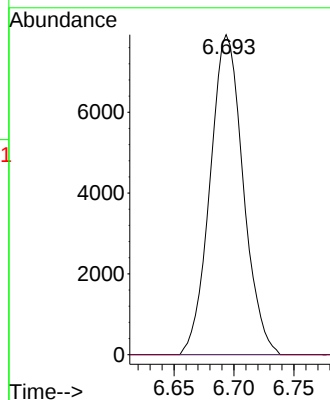
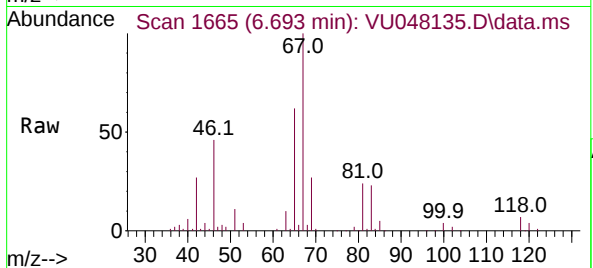
ClientSampleId :

Tgt Ion: 63 Resp: 15231

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#39

cis-1,3-Dichloropropene

Concen: 0.810 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU048135.D

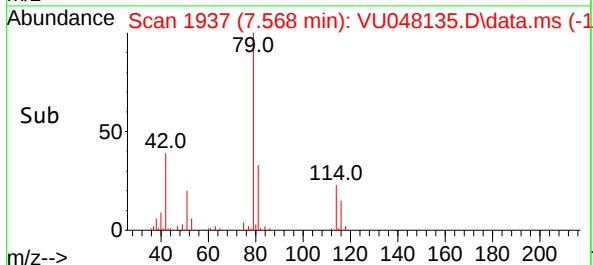
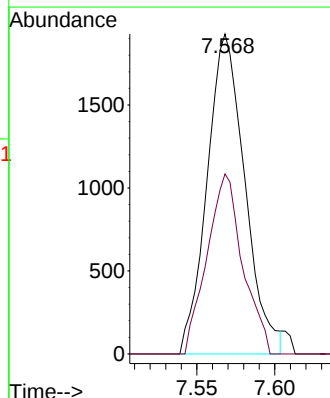
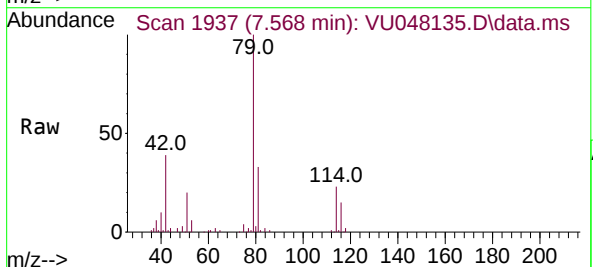
Acq: 19 Apr 2022 16:37

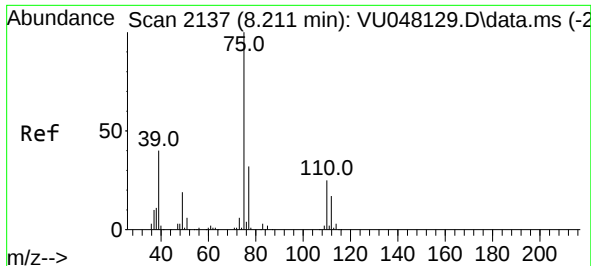
Tgt Ion: 75 Resp: 3248

Ion Ratio Lower Upper

75 100

77 56.2 21.8 40.6#

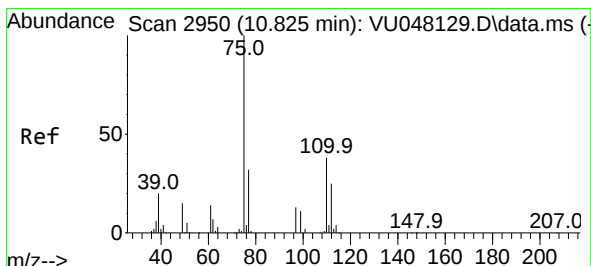
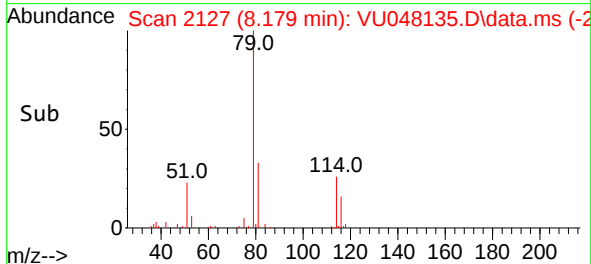
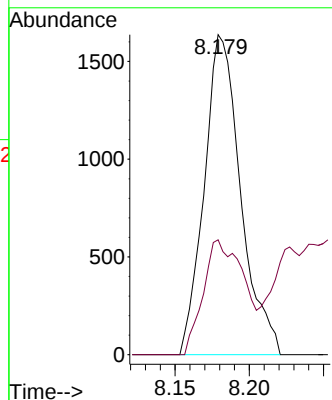
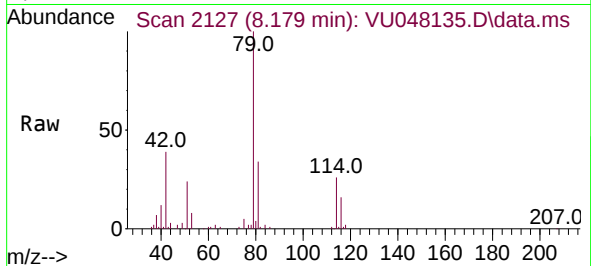




#44
trans-1,3-Dichloropropene
Concen: 0.698 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU048135.D
Acq: 19 Apr 2022 16:37

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 2794
Ion Ratio Lower Upper
75 100
77 35.9 22.0 40.8



#60
1,2,3-Trichloropropane
Concen: 5.680 ug/L
RT: 11.815 min Scan# 3258
Delta R.T. 0.990 min
Lab File: VU048135.D
Acq: 19 Apr 2022 16:37

Tgt Ion: 75 Resp: 17535
Ion Ratio Lower Upper
75 100
77 31.7 26.0 39.0
110 2.4 31.4 47.2#

