

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
 Data File : VU045118.D
 Acq On : 05 Oct 2021 00:31
 Operator : SY/MD
 Sample : M4023-15 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AK4

Quant Time: Oct 05 07:03:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 05 02:41:56 2021
 Response via : Initial Calibration

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

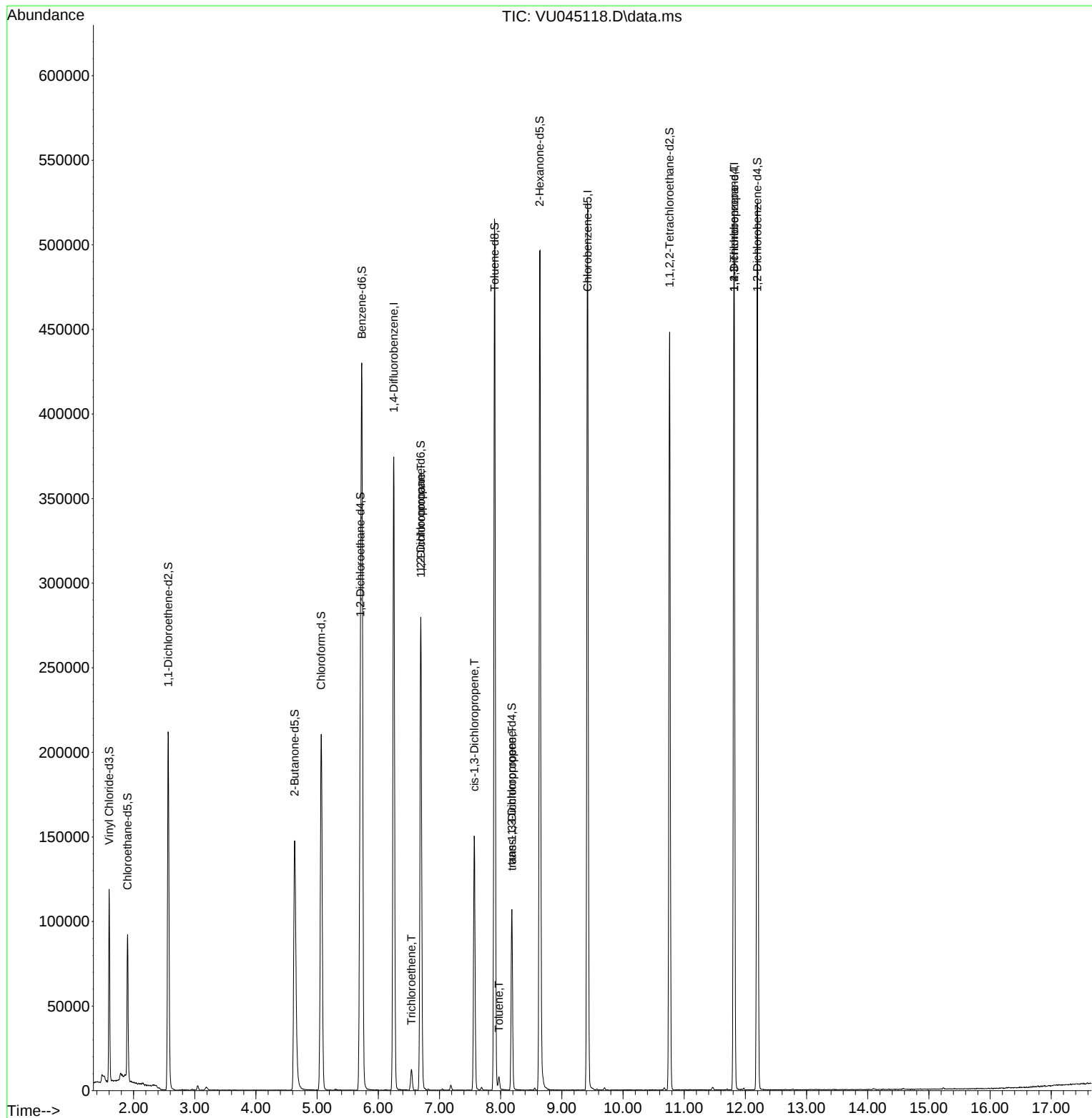
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	292863	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	274964	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	128771	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	81276	25.351	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	50.700%#
7) Chloroethane-d5	1.903	69	60237	23.710	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	47.420%#
11) 1,1-Dichloroethene-d2	2.565	63	127765	23.731	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	47.460%#
21) 2-Butanone-d5	4.633	46	237774	93.812	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.810%
24) Chloroform-d	5.067	84	192037	37.926	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.860%
26) 1,2-Dichloroethane-d4	5.707	65	139709	40.733	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.460%
32) Benzene-d6	5.732	84	378117	39.630	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.260%
36) 1,2-Dichloropropane-d6	6.694	67	125909	40.471	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.940%
41) Toluene-d8	7.899	98	323055	39.235	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.460%#
43) trans-1,3-Dichloroprop...	8.182	79	56389	40.747	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.500%
47) 2-Hexanone-d5	8.639	63	180694	104.808	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.810%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	216923	44.777	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.560%
66) 1,2-Dichlorobenzene-d4	12.195	152	126199	45.032	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.060%
Target Compounds						
					Qvalue	
34) Trichloroethene	6.543	95	3281	1.339	ug/L	95
37) 1,2-Dichloropropane	6.697	63	14551	5.240	ug/L #	88
39) cis-1,3-Dichloropropene	7.568	75	3485	0.877	ug/L #	73
42) Toluene	7.973	91	5539	0.535	ug/L	96
44) trans-1,3-Dichloropropene	8.186	75	2650	0.701	ug/L #	76
60) 1,2,3-Trichloropropane	11.816	75	17381	4.880	ug/L #	68

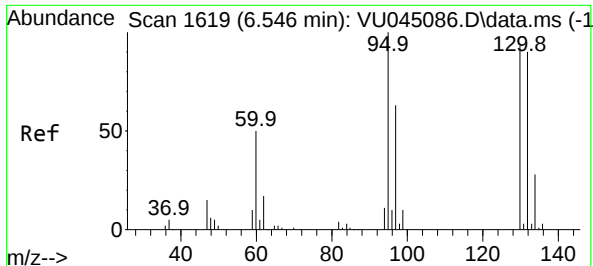
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Oct 05 02:41:56 2021
Response via : Initial Calibration





#34

Trichloroethene

Concen: 1.339 ug/L

RT: 6.543 min Scan# 1618

Delta R.T. -0.003 min

Lab File: VU045118.D

Acq: 05 Oct 2021 00:31

Tgt Ion: 95 Resp: 3281

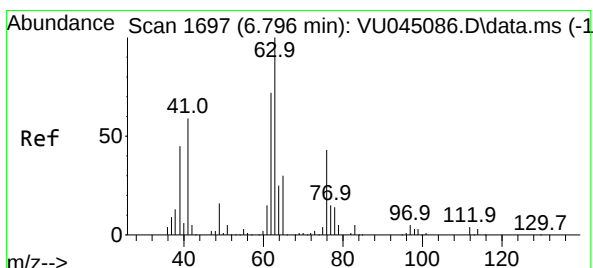
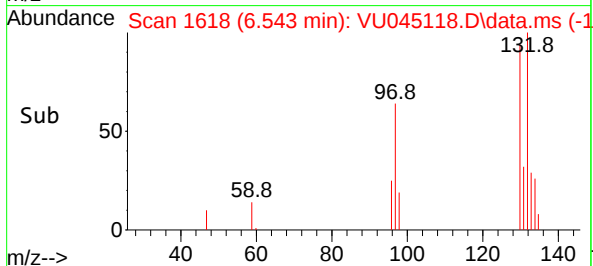
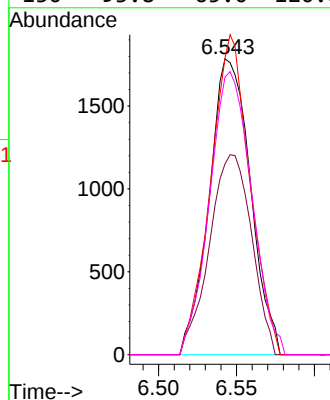
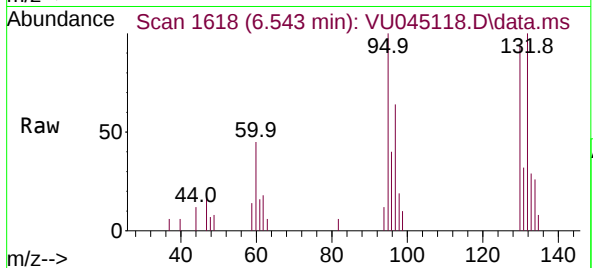
Ion Ratio Lower Upper

95 100

97 64.5 44.4 82.4

132 100.3 62.9 116.9

130 93.8 65.0 120.8



#37

1,2-Dichloropropane

Concen: 5.240 ug/L

RT: 6.697 min Scan# 1666

Delta R.T. -0.100 min

Lab File: VU045118.D

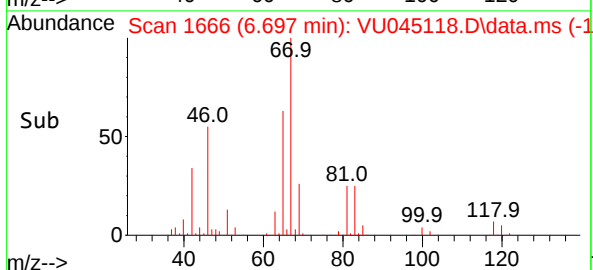
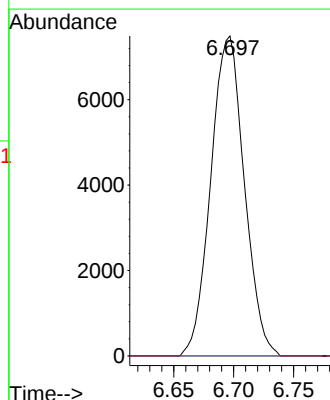
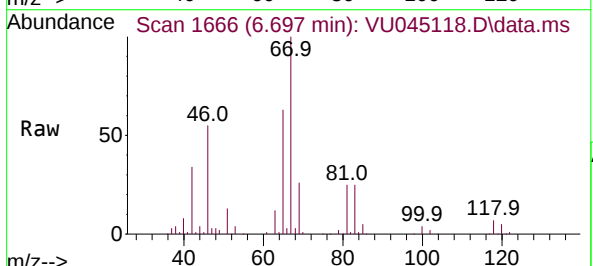
Acq: 05 Oct 2021 00:31

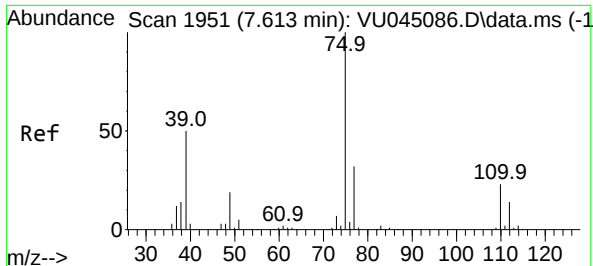
Tgt Ion: 63 Resp: 14551

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



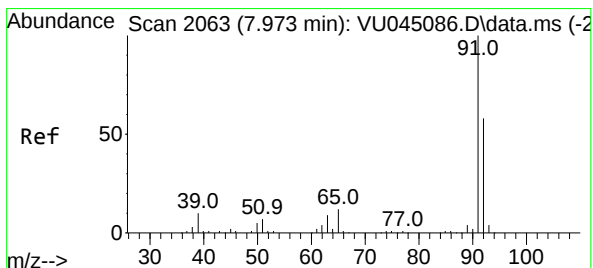
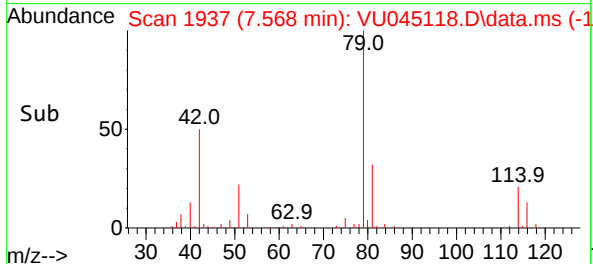
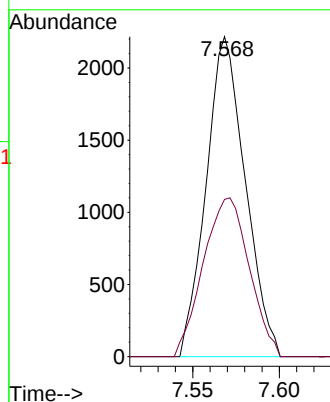
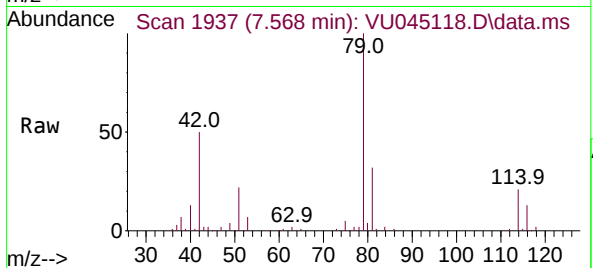


#39

cis-1,3-Dichloropropene
 Concen: 0.877 ug/L
 RT: 7.568 min Scan# 1937
 Delta R.T. -0.045 min
 Lab File: VU045118.D
 Acq: 05 Oct 2021 00:31

Instrument :
 MSVOA_U
 ClientSampled :
 C0AK4

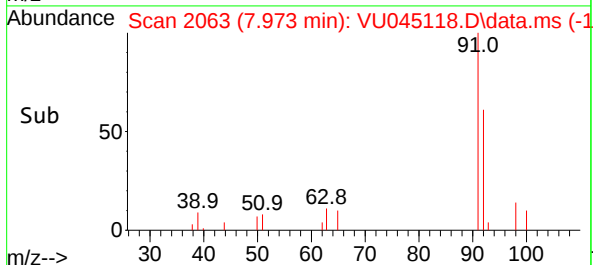
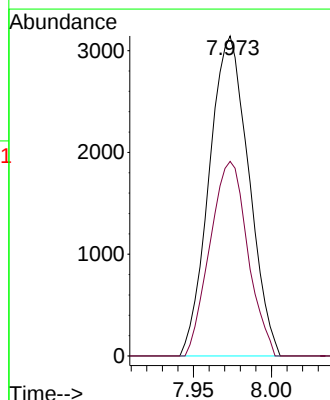
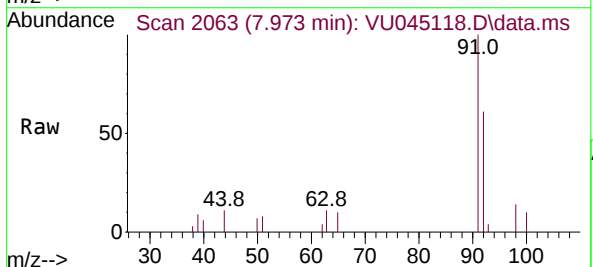
Tgt Ion: 75 Resp: 3485
 Ion Ratio Lower Upper
 75 100
 77 46.8 22.4 41.6#

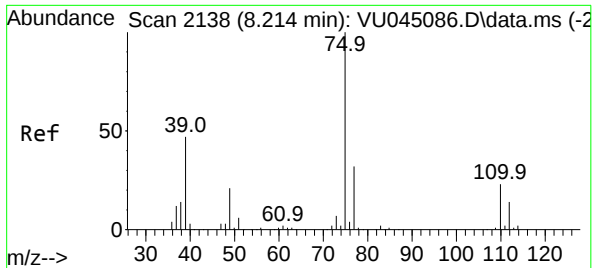


#42

Toluene
 Concen: 0.535 ug/L
 RT: 7.973 min Scan# 2063
 Delta R.T. 0.000 min
 Lab File: VU045118.D
 Acq: 05 Oct 2021 00:31

Tgt Ion: 91 Resp: 5539
 Ion Ratio Lower Upper
 91 100
 92 60.8 40.5 75.1

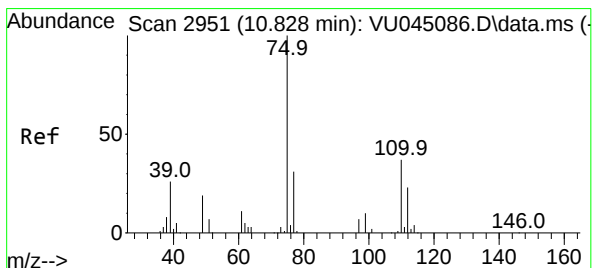
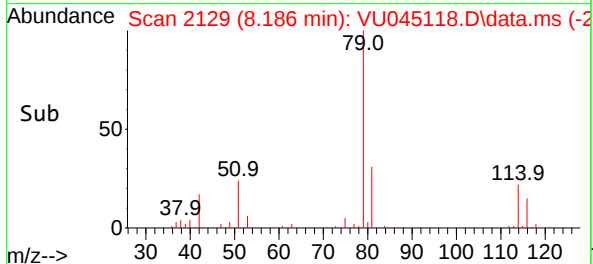
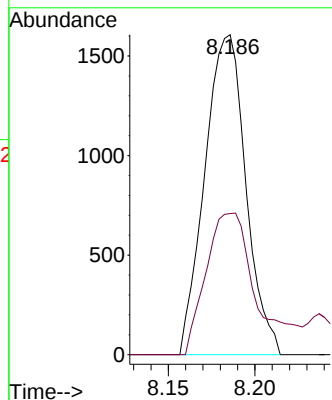
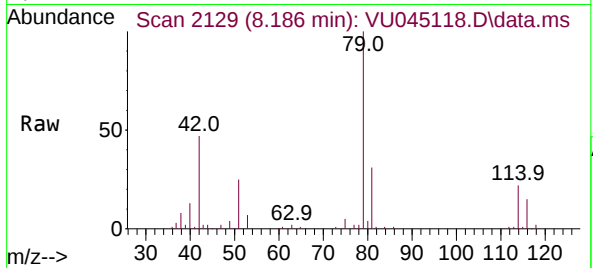




#44
trans-1,3-Dichloropropene
Concen: 0.701 ug/L
RT: 8.186 min Scan# 2129
Delta R.T. -0.029 min
Lab File: VU045118.D
Acq: 05 Oct 2021 00:31

Instrument :
MSVOA_U
ClientSampleId :
C0AK4

Tgt Ion: 75 Resp: 2650
Ion Ratio Lower Upper
75 100
77 44.1 21.7 40.3#



#60
1,2,3-Trichloropropane
Concen: 4.880 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU045118.D
Acq: 05 Oct 2021 00:31

Tgt Ion: 75 Resp: 17381
Ion Ratio Lower Upper
75 100
77 33.1 25.5 38.3
110 1.9 29.0 43.4#

