

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120621\
 Data File : VU046110.D
 Acq On : 06 Dec 2021 14:34
 Operator : SY/MD
 Sample : M4938-01 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 07 01:10:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

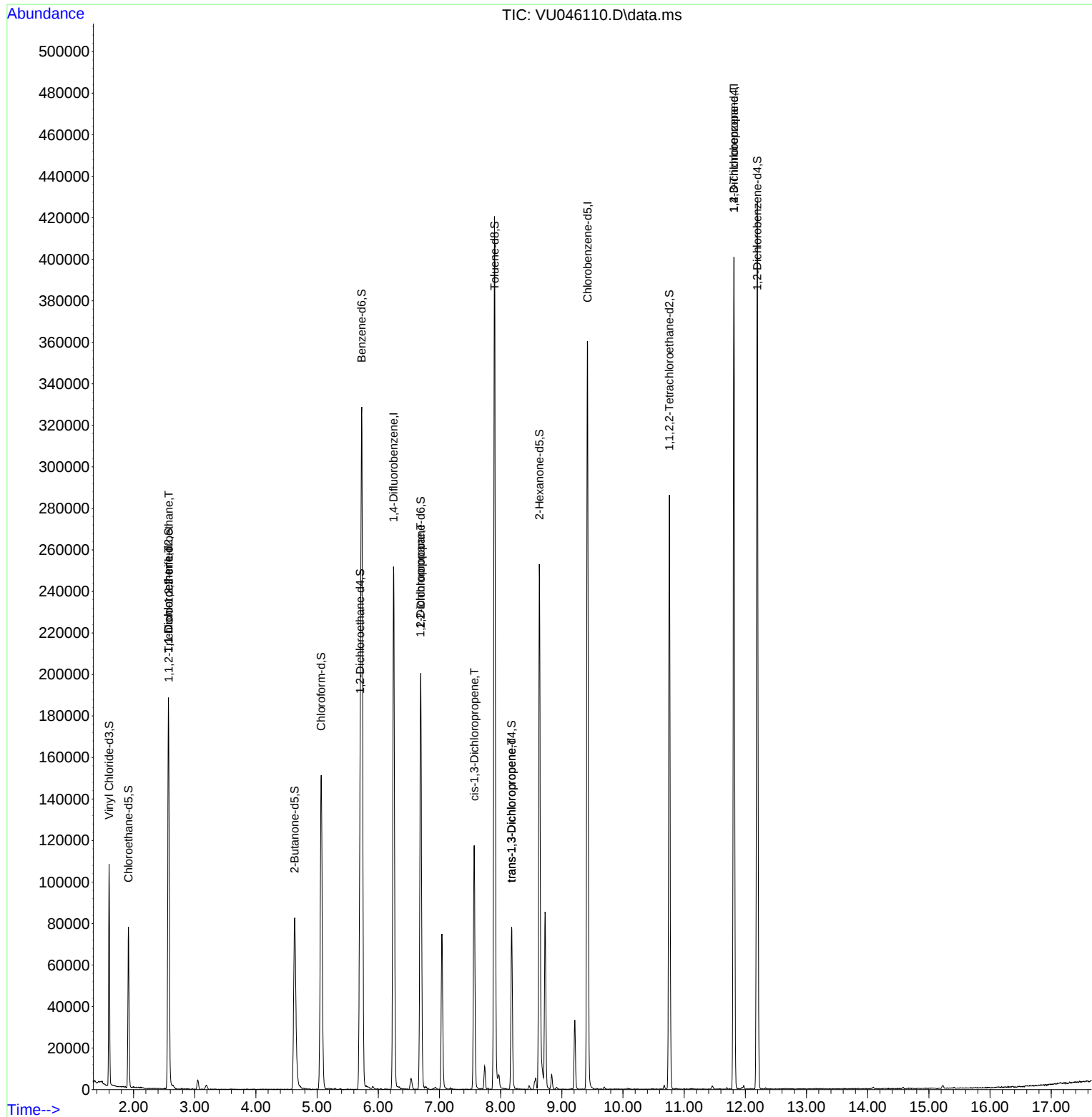
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	211390	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	205534	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	108002	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	73976	42.483	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.960%		
7) Chloroethane-d5	1.916	69	56134	41.986	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.980%		
11) 1,1-Dichloroethene-d2	2.572	63	111538	35.681	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.360%		
21) 2-Butanone-d5	4.633	46	126991	91.739	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.740%		
24) Chloroform-d	5.067	84	143038	49.189	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.380%		
26) 1,2-Dichloroethane-d4	5.704	65	96466	49.431	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.860%		
32) Benzene-d6	5.729	84	314176	53.332	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.660%		
36) 1,2-Dichloropropane-d6	6.694	67	95588	52.357	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	104.720%		
41) Toluene-d8	7.900	98	288259	53.743	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.480%		
43) trans-1,3-Dichloroprop...	8.179	79	46372	52.616	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	105.240%		
47) 2-Hexanone-d5	8.633	63	91839	106.094	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	106.090%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	136571	49.326	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.660%		
66) 1,2-Dichlorobenzene-d4	12.195	152	114926	55.255	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	110.500%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	987	0.642	ug/L #	21
12) 1,1-Dichloroethene	2.572	96	784	0.536	ug/L #	1
37) 1,2-Dichloropropane	6.691	63	10123	6.212	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	2817	1.136	ug/L #	63
44) trans-1,3-Dichloropropene	8.179	75	1809	0.743	ug/L #	79
60) 1,2,3-Trichloropropane	11.813	75	12199	5.153	ug/L #	66

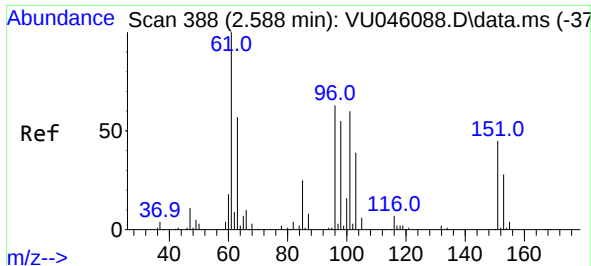
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.642 ug/L

RT: 2.575 min Scan# 388

Delta R.T. -0.013 min

Lab File: VU046110.D

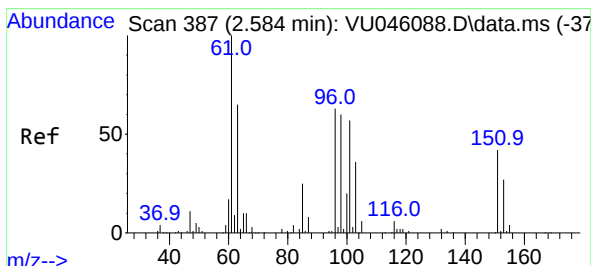
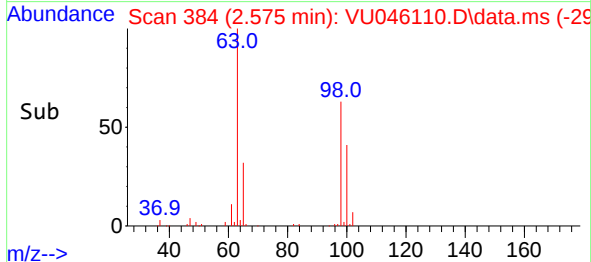
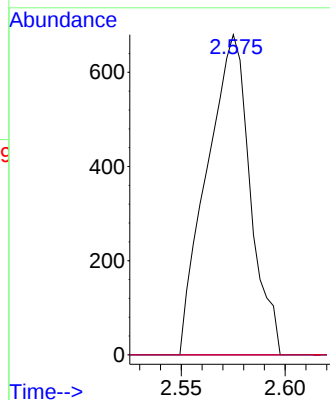
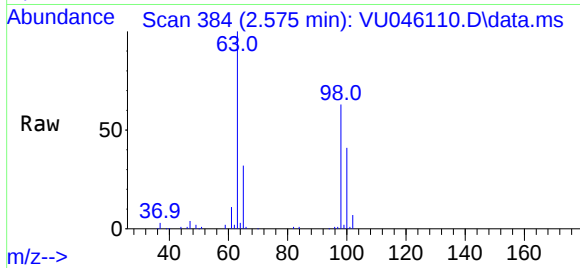
Acq: 06 Dec 2021 14:34

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	987
Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.1	52.7#
151	0.0	56.7	85.1#



#12

1,1-Dichloroethene

Concen: 0.536 ug/L

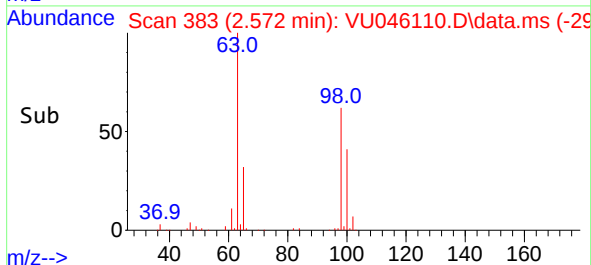
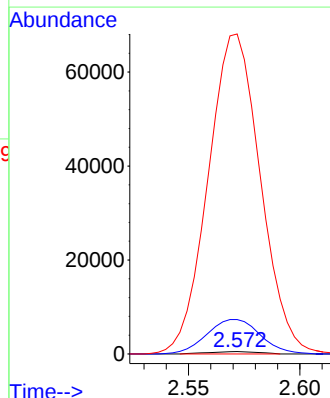
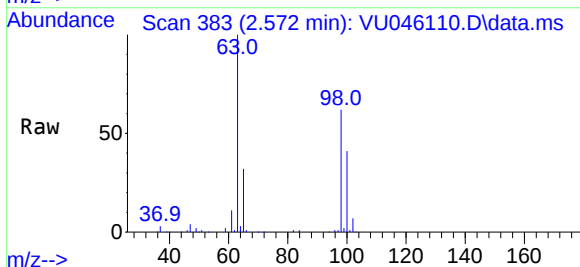
RT: 2.572 min Scan# 383

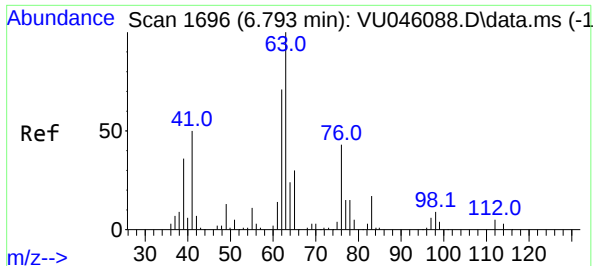
Delta R.T. -0.013 min

Lab File: VU046110.D

Acq: 06 Dec 2021 14:34

Tgt Ion:	96	Resp:	784
Ion	Ratio	Lower	Upper
96	100		
61	1475.8	118.6	220.2#
63	13733.9	93.0	172.8#

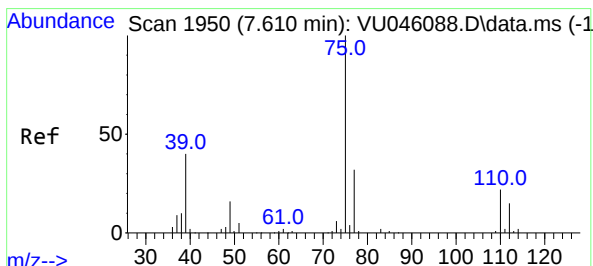
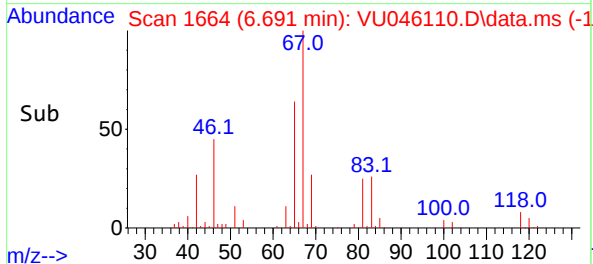
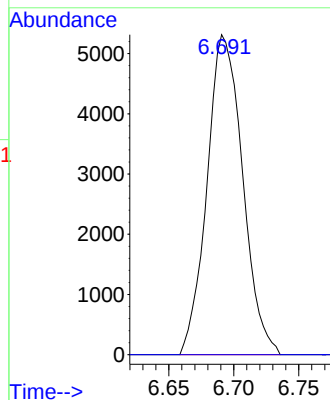
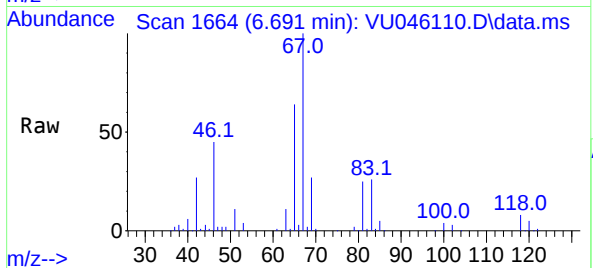




#37
1,2-Dichloropropane
Concen: 6.212 ug/L
RT: 6.691 min Scan# 10
Delta R.T. -0.103 min
Lab File: VU046110.D
Acq: 06 Dec 2021 14:34

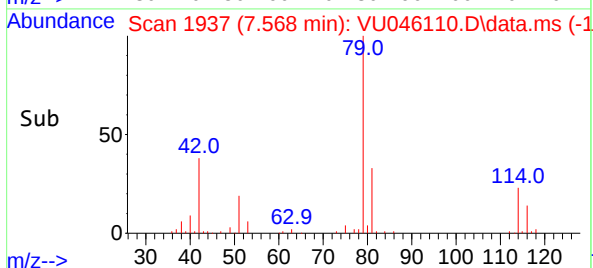
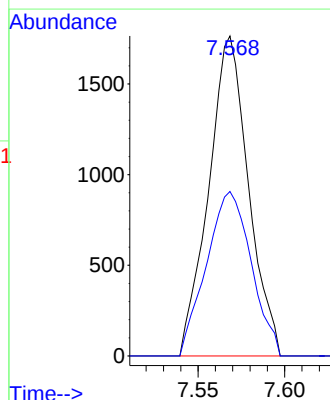
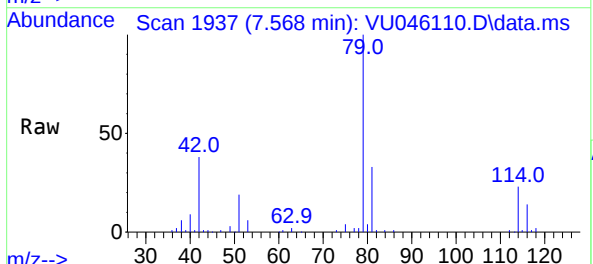
Instrument :
MSVOA_U
ClientSampleId :

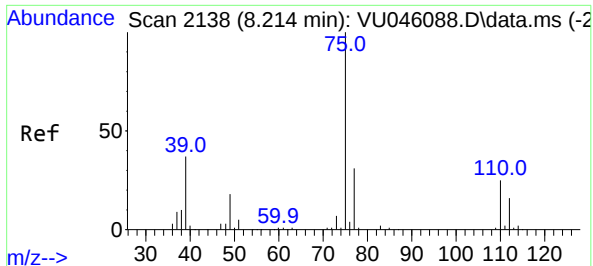
Tgt Ion: 63 Resp: 10123
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



#39
cis-1,3-Dichloropropene
Concen: 1.136 ug/L
RT: 7.568 min Scan# 1937
Delta R.T. -0.042 min
Lab File: VU046110.D
Acq: 06 Dec 2021 14:34

Tgt Ion: 75 Resp: 2817
Ion Ratio Lower Upper
75 100
77 51.4 21.8 40.6#

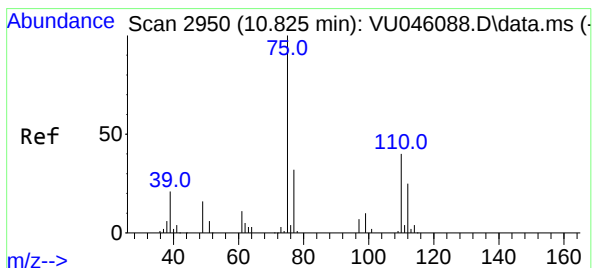
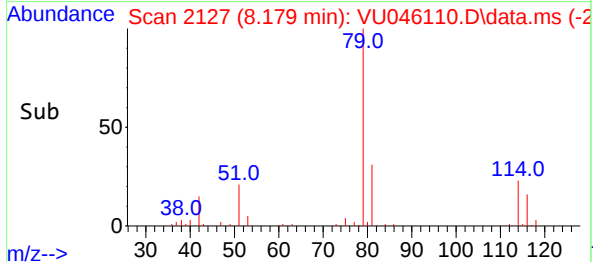
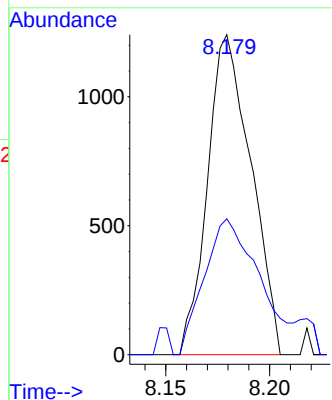
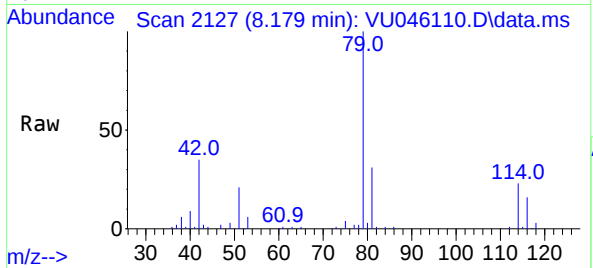




#44
trans-1,3-Dichloropropene
Concen: 0.743 ug/L
RT: 8.179 min Scan# 2138
Delta R.T. -0.035 min
Lab File: VU046110.D
Acq: 06 Dec 2021 14:34

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 1809
Ion Ratio Lower Upper
75 100
77 42.5 21.7 40.3#



#60
1,2,3-Trichloropropane
Concen: 5.153 ug/L
RT: 11.813 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU046110.D
Acq: 06 Dec 2021 14:34

Tgt Ion: 75 Resp: 12199
Ion Ratio Lower Upper
75 100
77 32.0 26.4 39.6
110 2.5 32.4 48.6#

