

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061022\
 Data File : VU049008.D
 Acq On : 10 Jun 2022 19:48
 Operator : SY/MD
 Sample : N3254-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0DG2

Quant Time: Jun 11 02:44:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 10 22:44:31 2022
 Response via : Initial Calibration

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

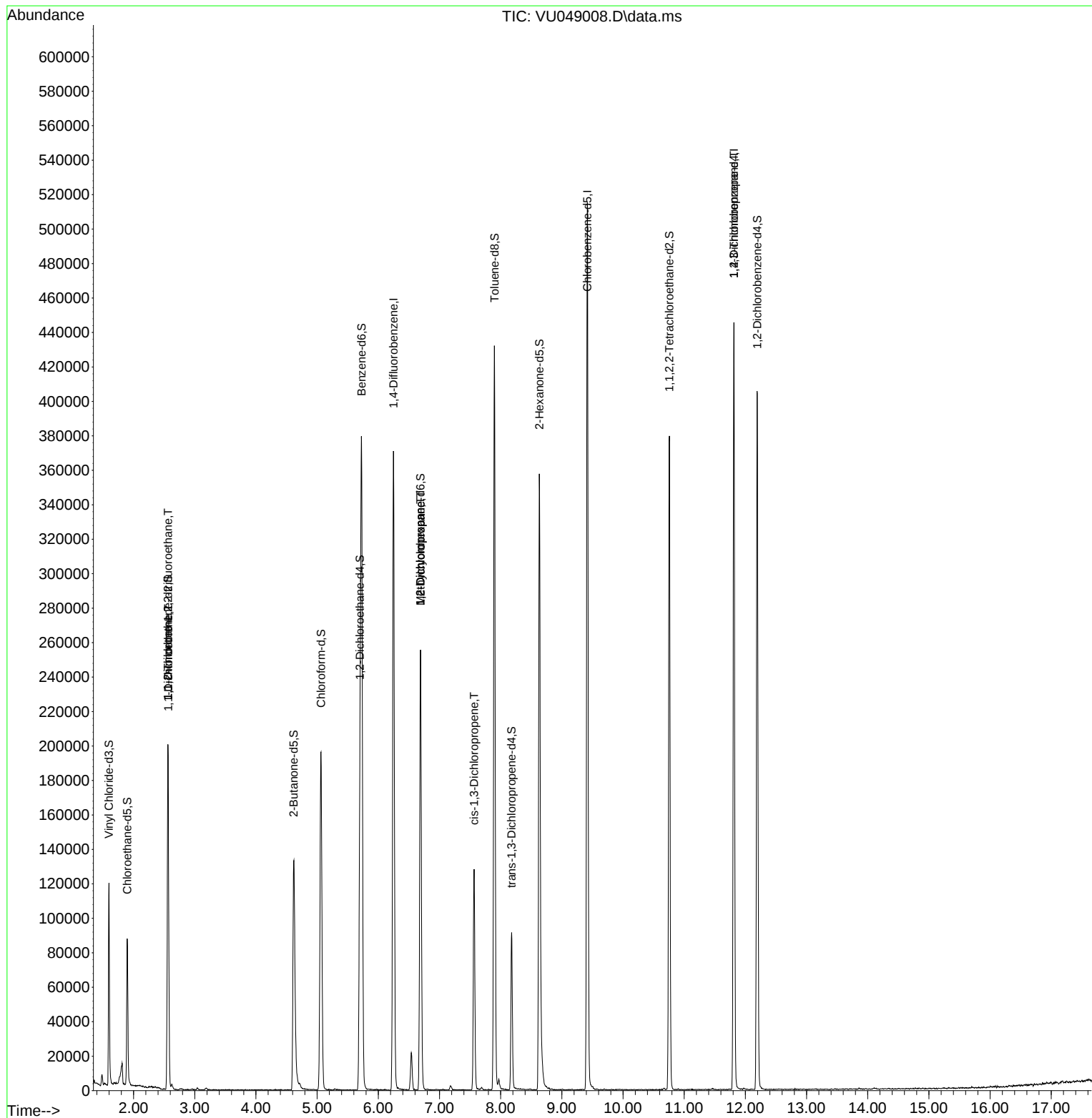
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	299209	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	288986	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	118171	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	83334	45.210	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.420%		
7) Chloroethane-d5	1.896	69	63356	46.812	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.620%		
11) 1,1-Dichloroethene-d2	2.562	63	117146	33.680	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	67.360%		
21) 2-Butanone-d5	4.617	46	196491	97.227	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.230%		
24) Chloroform-d	5.064	84	184266	46.861	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.720%		
26) 1,2-Dichloroethane-d4	5.700	65	125243	49.163	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.320%		
32) Benzene-d6	5.726	84	341541	47.662	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.320%		
36) 1,2-Dichloropropane-d6	6.690	67	118497	49.189	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	98.380%		
41) Toluene-d8	7.899	98	282651	44.725	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.460%		
43) trans-1,3-Dichloroprop...	8.179	79	51819	45.723	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.440%		
47) 2-Hexanone-d5	8.633	63	115334	91.477	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.480%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	182527	45.365	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.720%		
66) 1,2-Dichlorobenzene-d4	12.195	152	108609	52.823	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.640%		
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	1008	0.478	ug/L #	19
12) 1,1-Dichloroethene	2.565	96	1697	0.920	ug/L #	1
35) Methylcyclohexane	6.690	83	27671	8.400	ug/L #	19
37) 1,2-Dichloropropane	6.690	63	12763	4.834	ug/L #	88
39) cis-1,3-Dichloropropene	7.565	75	3046	0.784	ug/L #	54
60) 1,2,3-Trichloropropane	11.812	75	13486	4.499	ug/L #	69

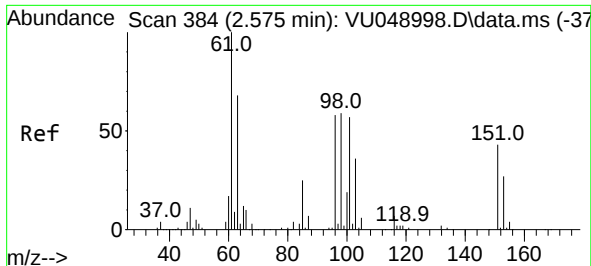
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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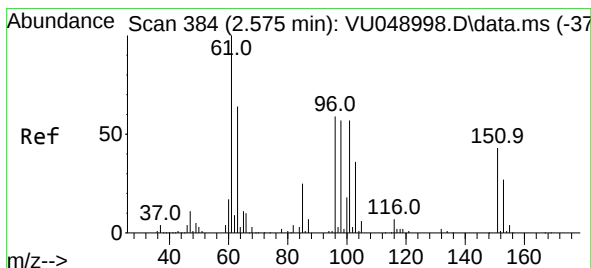
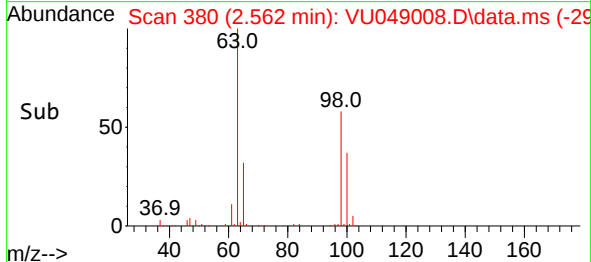
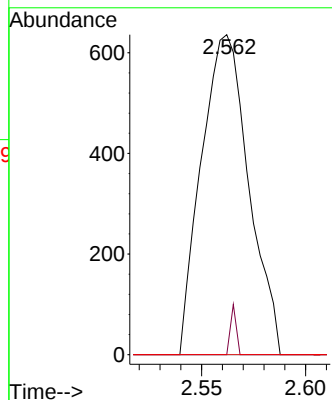
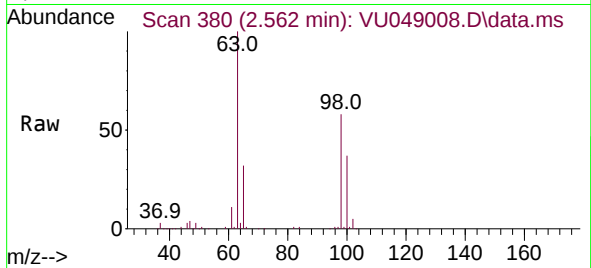




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.478 ug/L
RT: 2.562 min Scan# 380
Delta R.T. -0.013 min
Lab File: VU049008.D
Acq: 10 Jun 2022 19:48

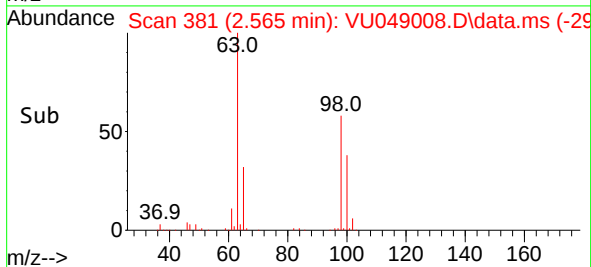
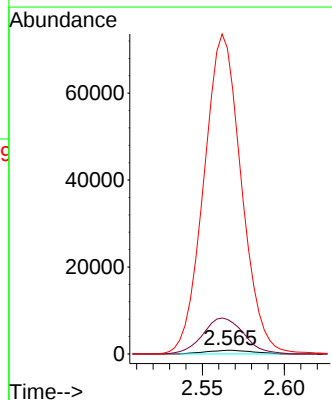
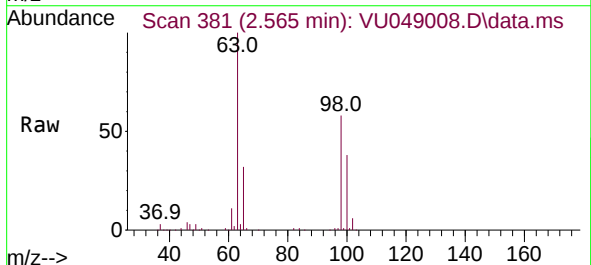
Instrument :
MSVOA_U
ClientSampleId :
C0DG2

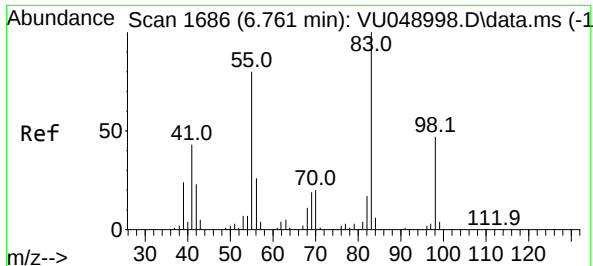
Tgt Ion:101 Resp: 1008
Ion Ratio Lower Upper
101 100
85 0.0 35.2 52.8#
151 0.0 61.4 92.2#



#12
1,1-Dichloroethene
Concen: 0.920 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.010 min
Lab File: VU049008.D
Acq: 10 Jun 2022 19:48

Tgt Ion: 96 Resp: 1697
Ion Ratio Lower Upper
96 100
61 921.1 123.5 229.3#
63 8142.6 86.0 159.8#





#35

Methylcyclohexane

Concen: 8.400 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.071 min

Lab File: VU049008.D

Acq: 10 Jun 2022 19:48

Instrument :

MSVOA_U

ClientSampleId :

C0DG2

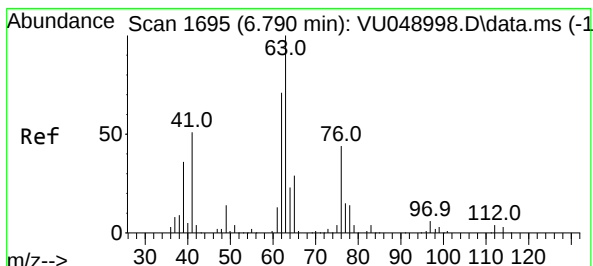
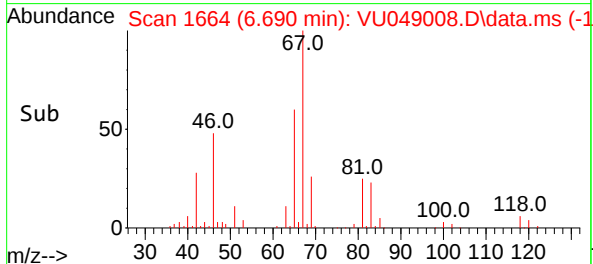
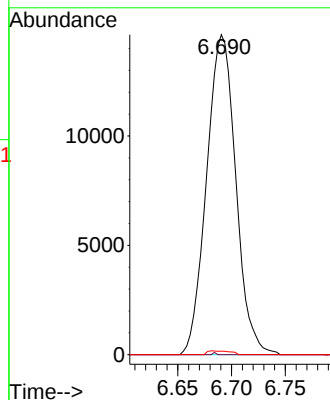
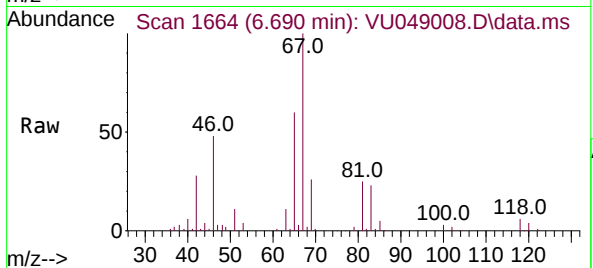
Tgt Ion: 83 Resp: 27671

Ion Ratio Lower Upper

83 100

55 0.0 61.0 91.6#

98 0.4 36.8 55.2#



#37

1,2-Dichloropropane

Concen: 4.834 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.100 min

Lab File: VU049008.D

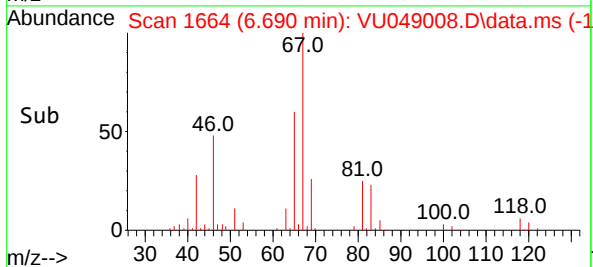
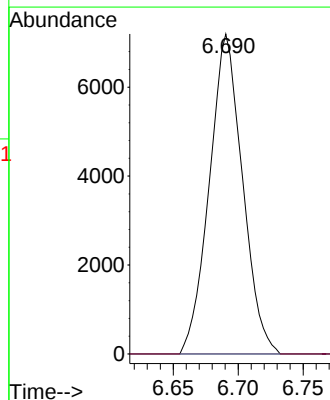
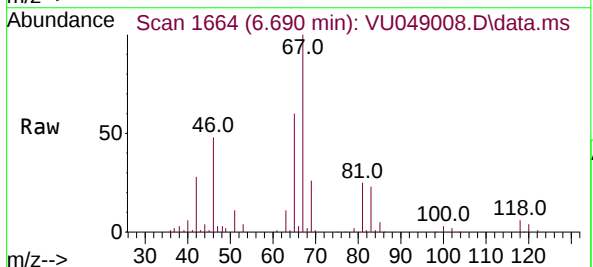
Acq: 10 Jun 2022 19:48

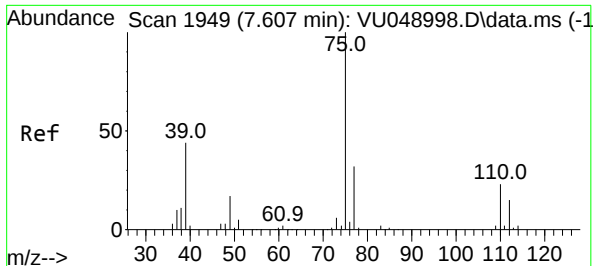
Tgt Ion: 63 Resp: 12763

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#





#39

cis-1,3-Dichloropropene

Concen: 0.784 ug/L

RT: 7.565 min Scan# 11

Delta R.T. -0.042 min

Lab File: VU049008.D

Acq: 10 Jun 2022 19:48

Instrument :

MSVOA_U

ClientSampleId :

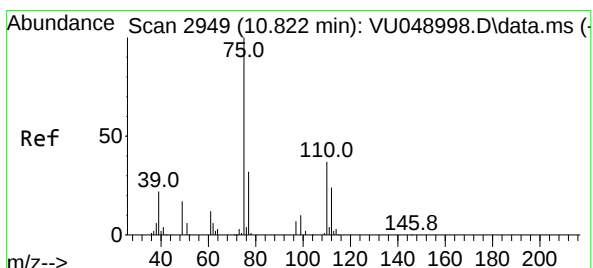
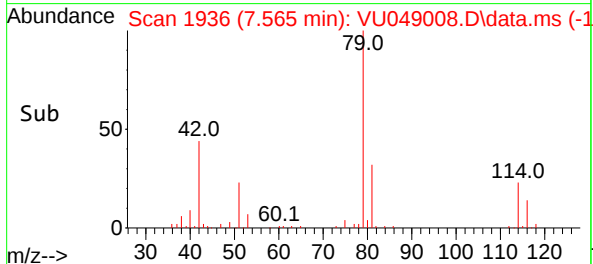
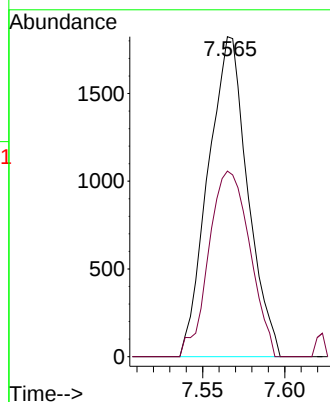
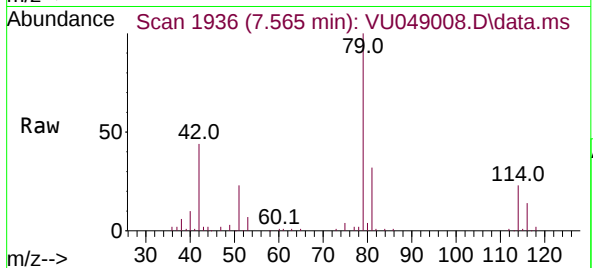
C0DG2

Tgt Ion: 75 Resp: 3046

Ion Ratio Lower Upper

75 100

77 58.0 22.6 42.0#



#60

1,2,3-Trichloropropane

Concen: 4.499 ug/L

RT: 11.812 min Scan# 3257

Delta R.T. 0.990 min

Lab File: VU049008.D

Acq: 10 Jun 2022 19:48

Tgt Ion: 75 Resp: 13486

Ion Ratio Lower Upper

75 100

77 32.4 26.6 40.0

110 3.7 30.2 45.4#

