

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083022\
 Data File : VV027583.D
 Acq On : 30 Aug 2022 14:00
 Operator : SY/MD
 Sample : N4367-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Aug 31 04:47:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 31 04:45:39 2022
 Response via : Initial Calibration

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

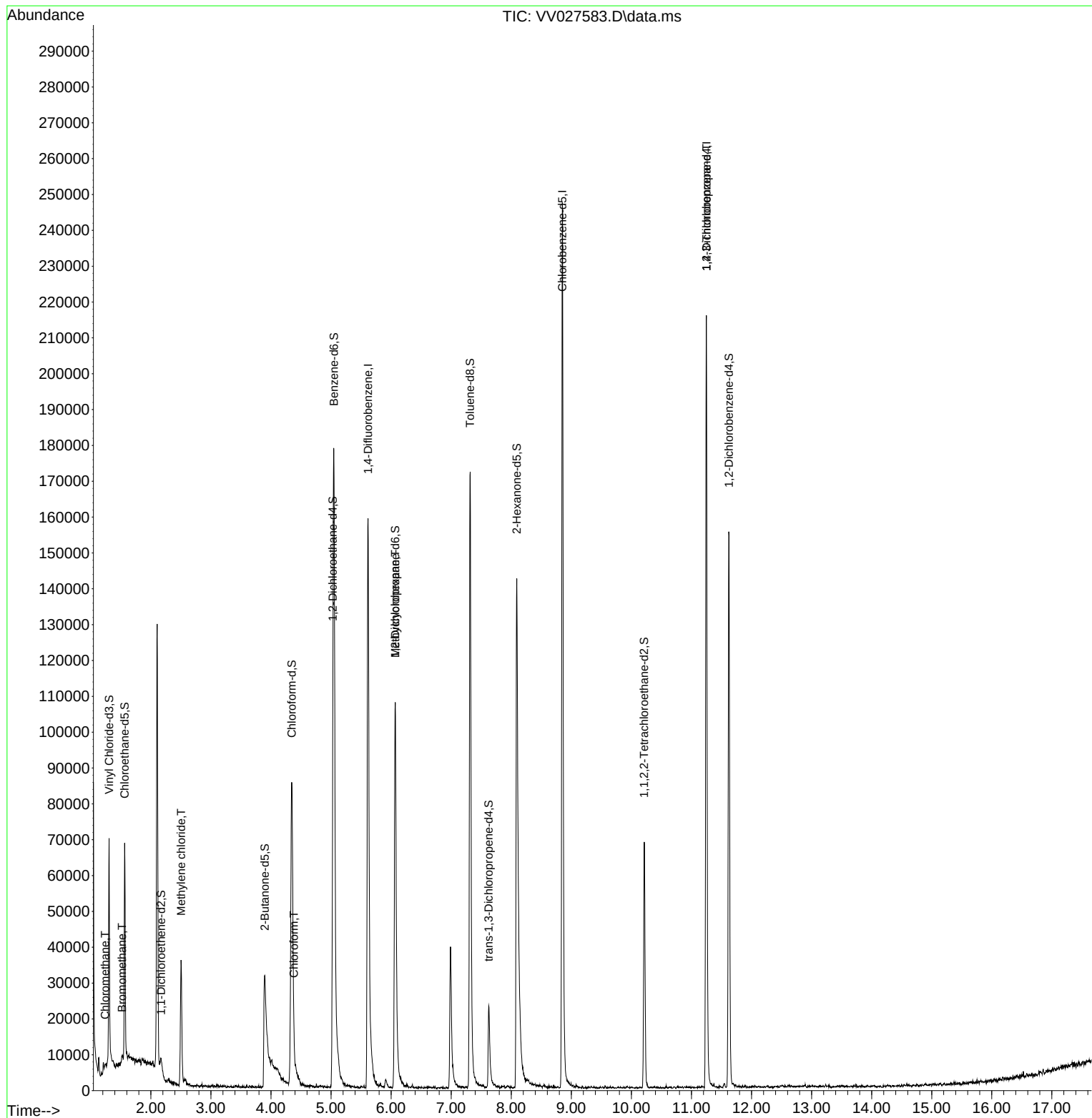
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	139371	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	138973	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57151	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	45261	4.563	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.200%	
7) Chloroethane-d5	1.564	69	39209	5.401	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	108.000%	
11) 1,1-Dichloroethene-d2	2.172	63	3399	0.147	ug/L	0.07
Spiked Amount	5.000	Range 60 - 125	Recovery	=	3.000%#	
20) 2-Butanone-d5	3.895	46	57719	46.758	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	93.520%	
24) Chloroform-d	4.346	84	93304	4.704	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.000%	
26) 1,2-Dichloroethane-d4	5.030	65	44617	5.200	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.000%	
32) Benzene-d6	5.047	84	167313	4.347	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.000%	
36) 1,2-Dichloropropane-d6	6.069	67	54917	4.907	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.200%	
41) Toluene-d8	7.317	98	120506	3.467	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	69.400%#	
43) trans-1,3-Dichloroprop...	7.625	79	15016	3.919	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.400%	
46) 2-Hexanone-d5	8.091	63	56508	44.799	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.600%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	33587	4.713	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	38672	4.565	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.200%	
Target Compounds						
3) Chloromethane	1.236	50	1217	0.094	ug/L	97
6) Bromomethane	1.519	94	725	0.113	ug/L	98
16) Methylene chloride	2.503	84	13752	0.865	ug/L	98
25) Chloroform	4.381	83	4129	0.169	ug/L	96
35) Methylcyclohexane	6.069	83	12815	0.749	ug/L #	15
61) 1,2,3-Trichloropropane	11.249	75	6649	1.326	ug/L #	65

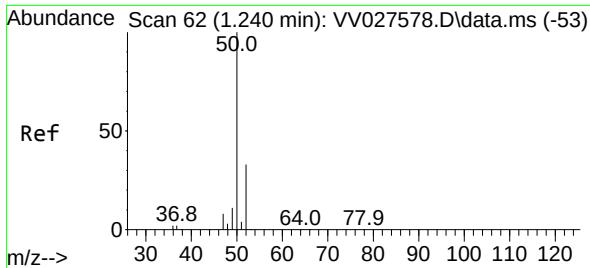
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Aug 31 04:45:39 2022
Response via : Initial Calibration

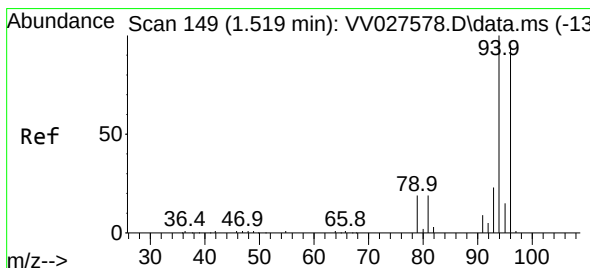
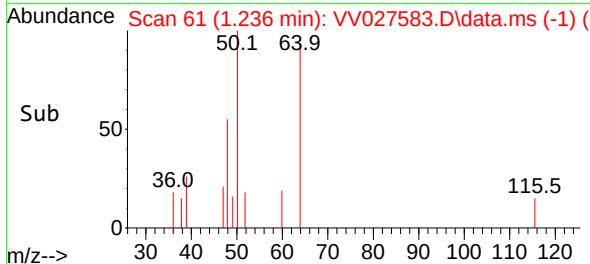
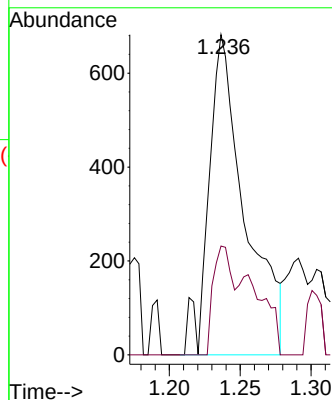
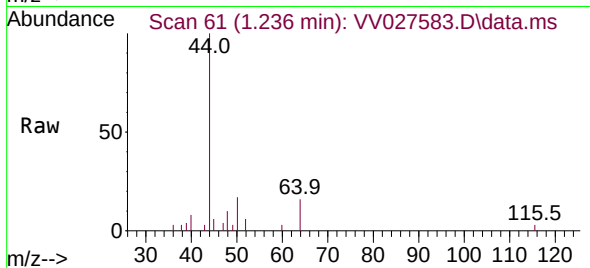




#3
Chloromethane
Concen: 0.094 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV027583.D
Acq: 30 Aug 2022 14:00

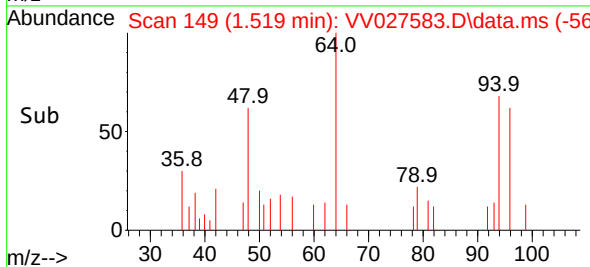
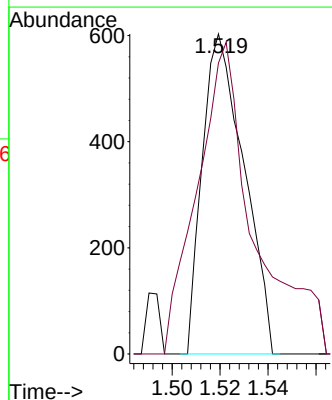
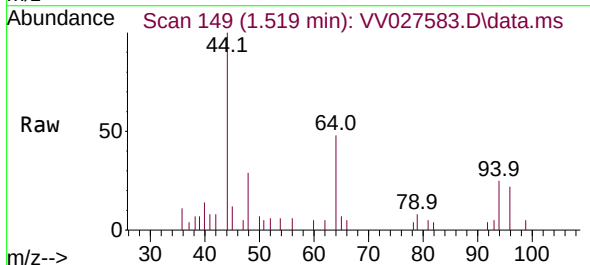
Instrument :
MSVOA_V
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VHBLK001

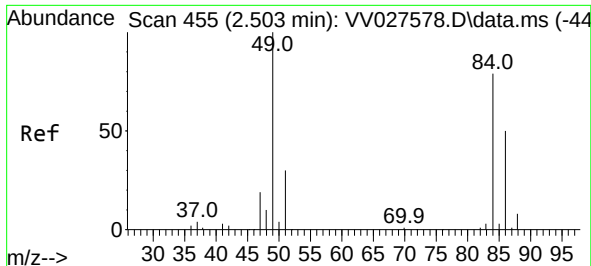
Tgt Ion: 50 Resp: 1217
Ion Ratio Lower Upper
50 100
52 34.0 22.8 42.4



#6
Bromomethane
Concen: 0.113 ug/L
RT: 1.519 min Scan# 149
Delta R.T. -0.000 min
Lab File: VV027583.D
Acq: 30 Aug 2022 14:00

Tgt Ion: 94 Resp: 725
Ion Ratio Lower Upper
94 100
96 90.9 65.2 121.0

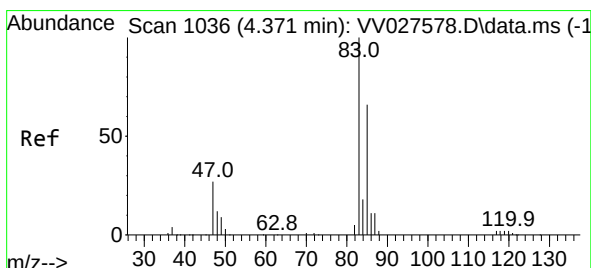
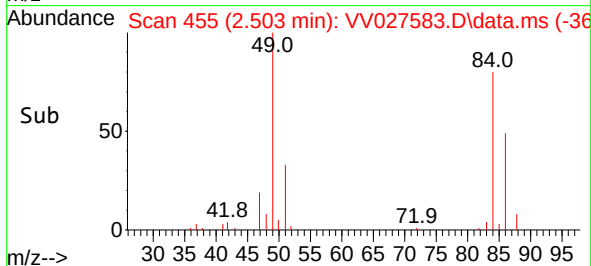
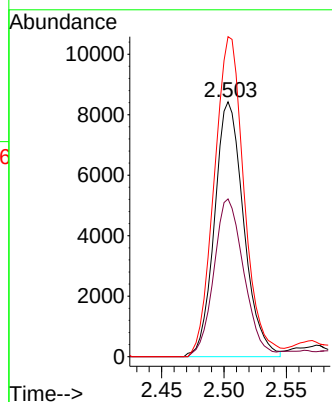
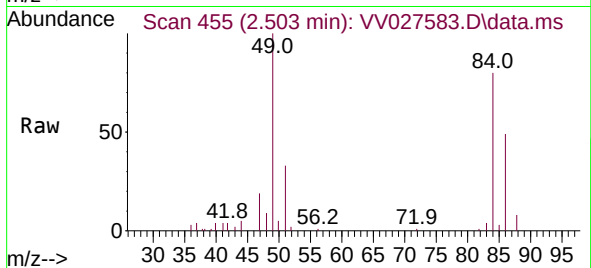




#16
Methylene chloride
Concen: 0.865 ug/L
RT: 2.503 min Scan# 416
Delta R.T. -0.000 min
Lab File: VV027583.D
Acq: 30 Aug 2022 14:00

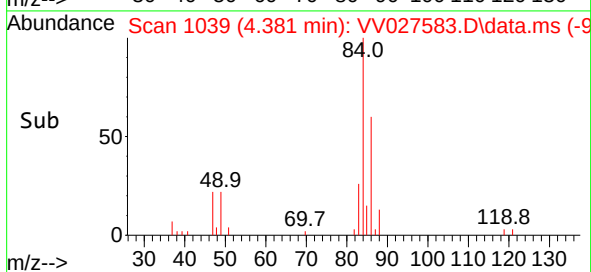
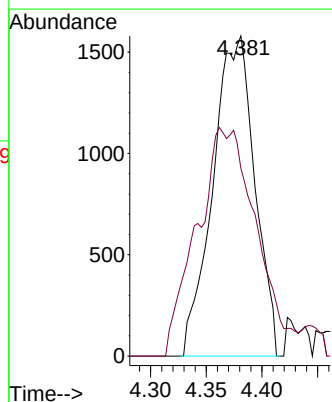
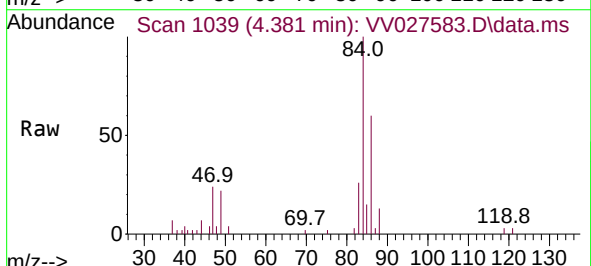
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

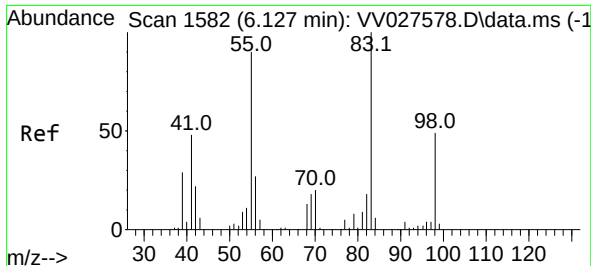
Tgt Ion: 84 Resp: 13752
Ion Ratio Lower Upper
84 100
86 61.9 44.0 81.6
49 125.5 89.4 166.0



#25
Chloroform
Concen: 0.169 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.010 min
Lab File: VV027583.D
Acq: 30 Aug 2022 14:00

Tgt Ion: 83 Resp: 4129
Ion Ratio Lower Upper
83 100
85 58.7 43.3 80.5





#35

Methylcyclohexane

Concen: 0.749 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.058 min

Lab File: VV027583.D

Acq: 30 Aug 2022 14:00

Instrument :

MSVOA_V

ClientSampleId :

VHBLK001

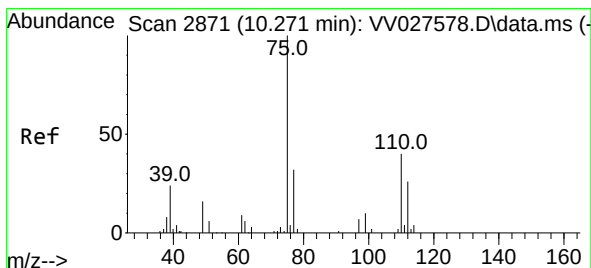
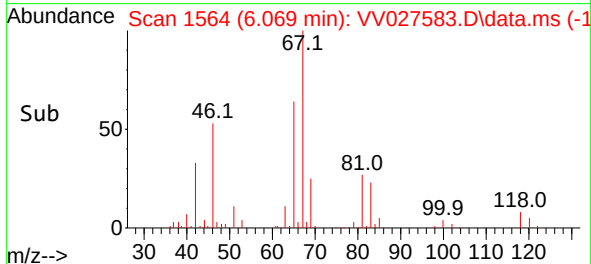
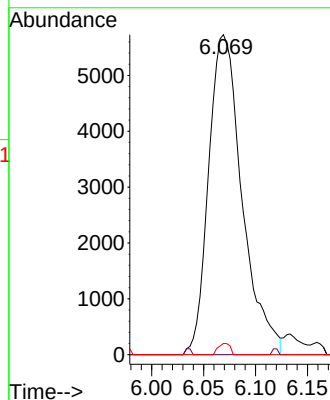
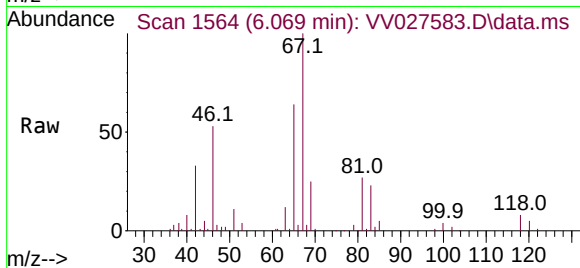
Tgt Ion: 83 Resp: 12815

Ion Ratio Lower Upper

83 100

55 0.3 68.2 102.4#

98 1.2 39.0 58.4#



#61

1,2,3-Trichloropropane

Concen: 1.326 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.977 min

Lab File: VV027583.D

Acq: 30 Aug 2022 14:00

Tgt Ion: 75 Resp: 6649

Ion Ratio Lower Upper

75 100

77 37.8 26.2 39.2

110 2.5 29.9 44.9#

