

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV083022\
 Data File : VV027609.D
 Acq On : 31 Aug 2022 01:04
 Operator : SY/MD
 Sample : N4366-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F5E72

Quant Time: Aug 31 07:13:56 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)

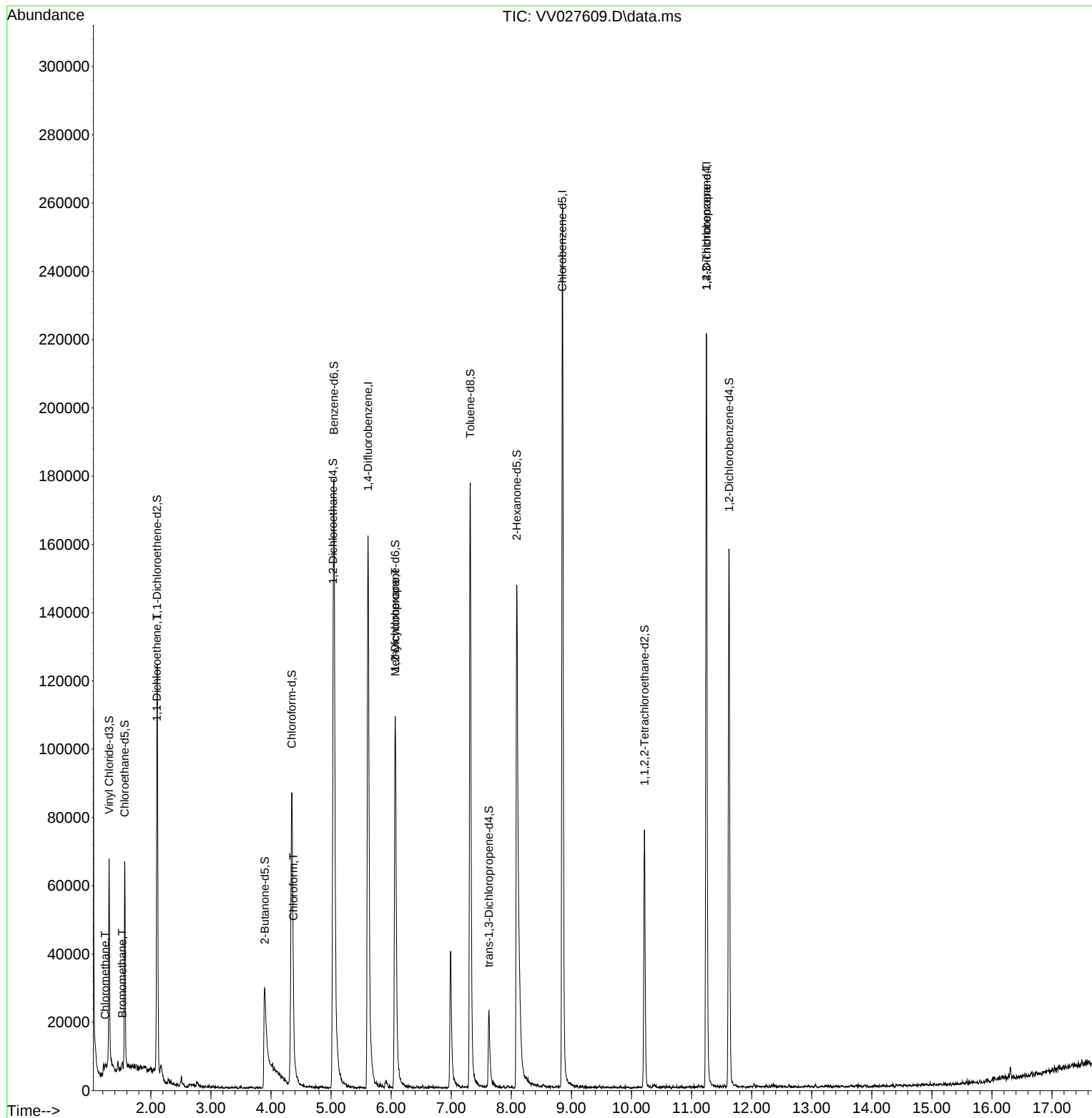
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	144207	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	141077	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	58618	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	45891	4.471	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	89.400%	
7) Chloroethane-d5	1.565	69	37713	5.021	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	100.400%	
11) 1,1-Dichloroethene-d2	2.105	63	63606	2.658	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	53.200%#	
20) 2-Butanone-d5	3.896	46	53143	41.607	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	83.220%	
24) Chloroform-d	4.346	84	91823	4.474	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.400%	
26) 1,2-Dichloroethane-d4	5.034	65	44785	5.045	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.800%	
32) Benzene-d6	5.047	84	165717	4.241	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.800%	
36) 1,2-Dichloropropane-d6	6.069	67	55285	4.866	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	97.400%	
41) Toluene-d8	7.317	98	121472	3.443	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	68.800%#	
43) trans-1,3-Dichloroprop...	7.625	79	13922	3.579	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	71.600%	
46) 2-Hexanone-d5	8.092	63	61711	48.194	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	96.380%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	35997	4.976	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	39895	4.591	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1153	0.086	ug/L	96
6) Bromomethane	1.523	94	973	0.146	ug/L	79
12) 1,1-Dichloroethene	2.098	96	918	0.084	ug/L #	1
25) Chloroform	4.371	83	2892	0.114	ug/L	80
35) Methylcyclohexane	6.066	83	13119	0.756	ug/L #	15
61) 1,2,3-Trichloropropane	11.249	75	6776	1.318	ug/L #	69

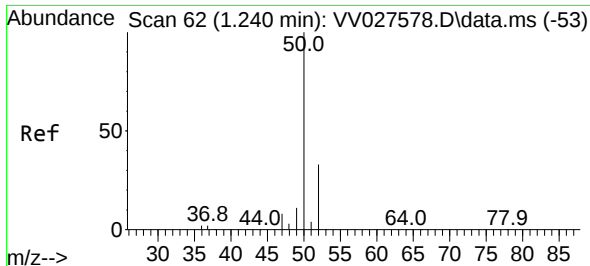
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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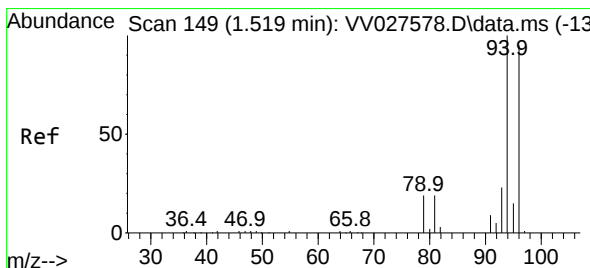
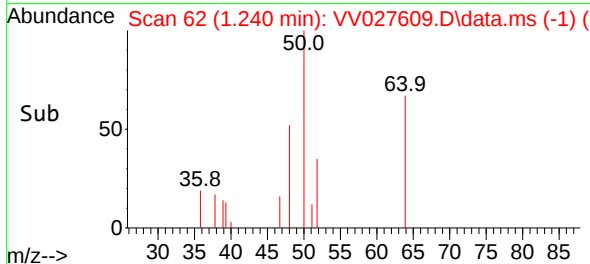
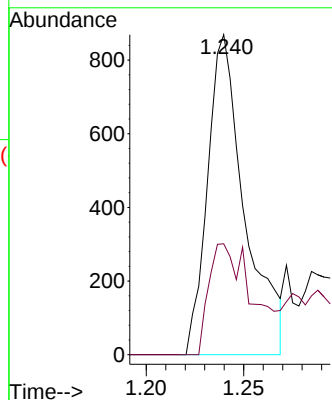
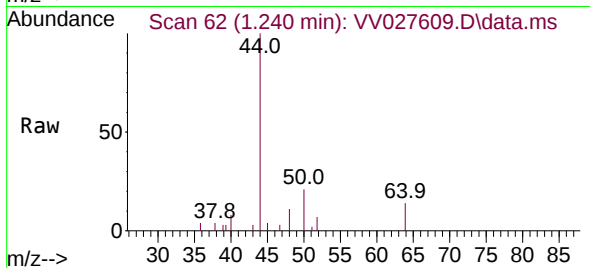




#3
Chloromethane
Concen: 0.086 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV027609.D
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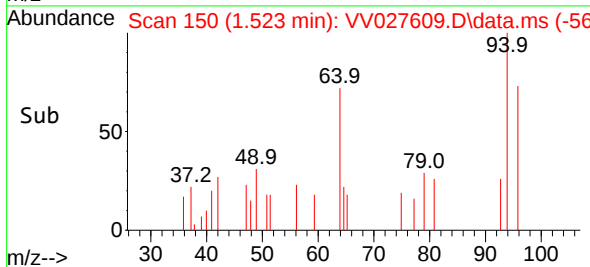
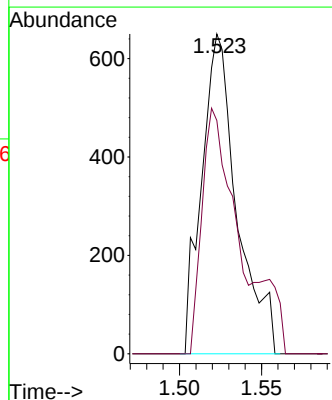
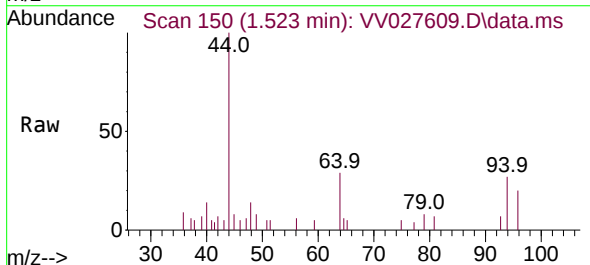
Instrument :
MSVOA_V
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F5E72

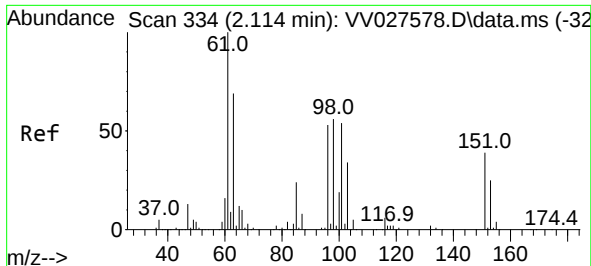
Tgt Ion: 50 Resp: 1153
Ion Ratio Lower Upper
50 100
52 34.6 22.8 42.4



#6
Bromomethane
Concen: 0.146 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV027609.D
Acq: 31 Aug 2022 01:04

Tgt Ion: 94 Resp: 973
Ion Ratio Lower Upper
94 100
96 72.9 65.2 121.0

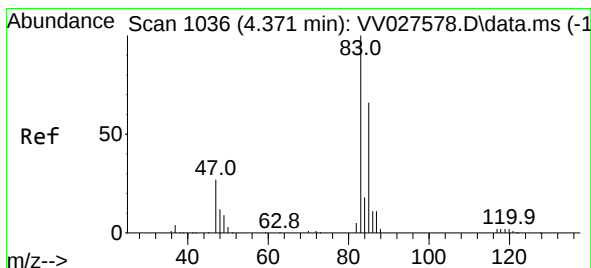
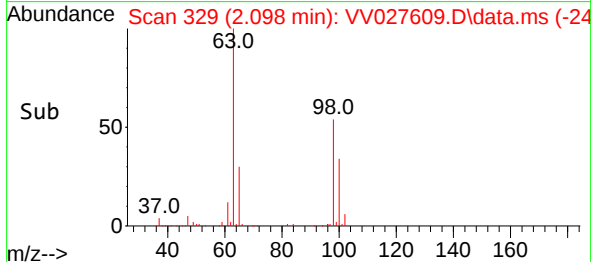
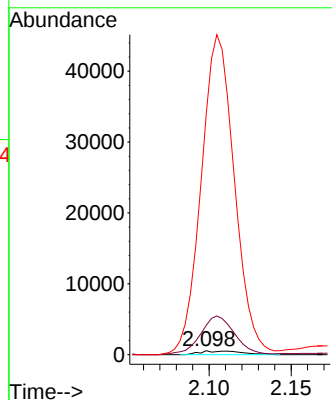
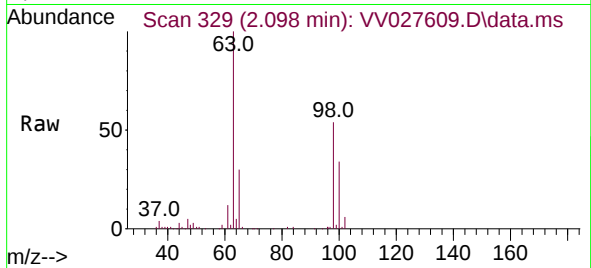




#12
1,1-Dichloroethene
Concen: 0.084 ug/L
RT: 2.098 min Scan# 31
Delta R.T. -0.016 min
Lab File: VV027609.D
Acq: 31 Aug 2022 01:04

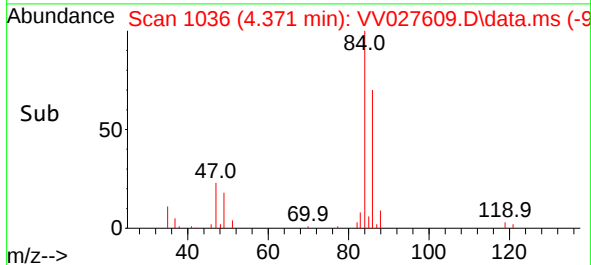
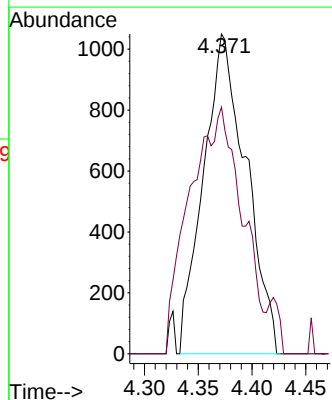
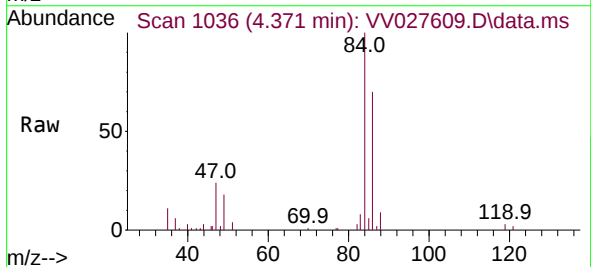
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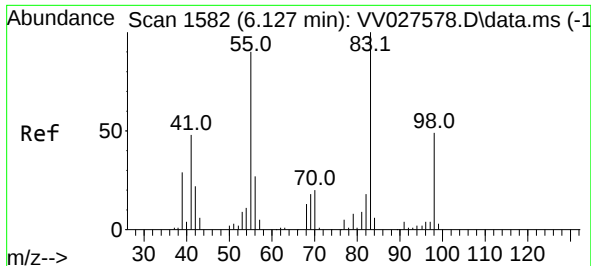
Tgt Ion: 96 Resp: 918
Ion Ratio Lower Upper
96 100
61 735.4 130.2 241.8#
63 6023.4 87.4 162.4#



#25
Chloroform
Concen: 0.114 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VV027609.D
Acq: 31 Aug 2022 01:04

Tgt Ion: 83 Resp: 2892
Ion Ratio Lower Upper
83 100
85 77.1 43.3 80.5

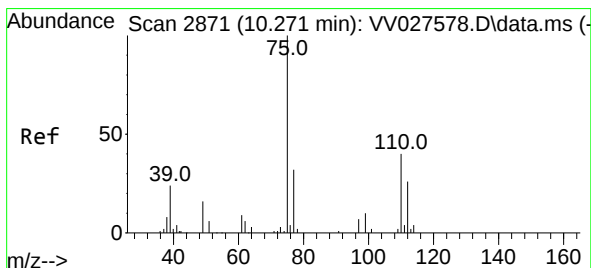
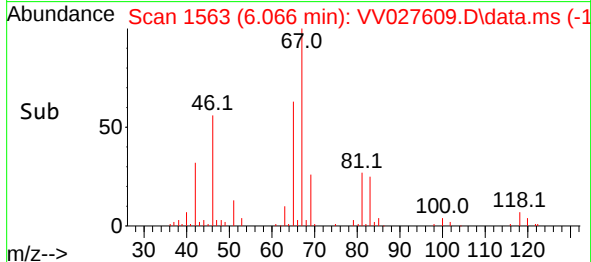
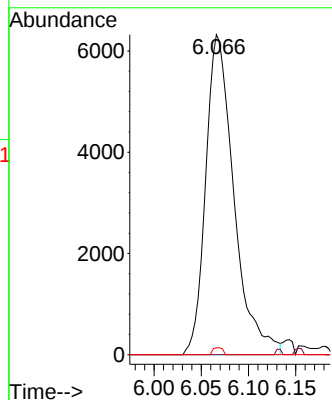
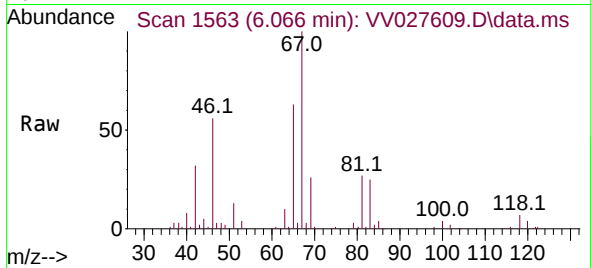




#35
Methylcyclohexane
Concen: 0.756 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.061 min
Lab File: VV027609.D
Acq: 31 Aug 2022 01:04

Instrument :
MSVOA_V
ClientSampleId :
F5E72

Tgt Ion: 83 Resp: 13119
Ion Ratio Lower Upper
83 100
55 0.3 68.2 102.4#
98 0.8 39.0 58.4#



#61
1,2,3-Trichloropropane
Concen: 1.318 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.978 min
Lab File: VV027609.D
Acq: 31 Aug 2022 01:04

Tgt Ion: 75 Resp: 6776
Ion Ratio Lower Upper
75 100
77 32.1 26.2 39.2
110 3.0 29.9 44.9#

