

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081222\
 Data File : VX030593.D
 Acq On : 12 Aug 2022 14:47
 Operator : JC/MD
 Sample : N4131-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5D35

Quant Time: Aug 12 23:30:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 12 23:28:07 2022
 Response via : Initial Calibration

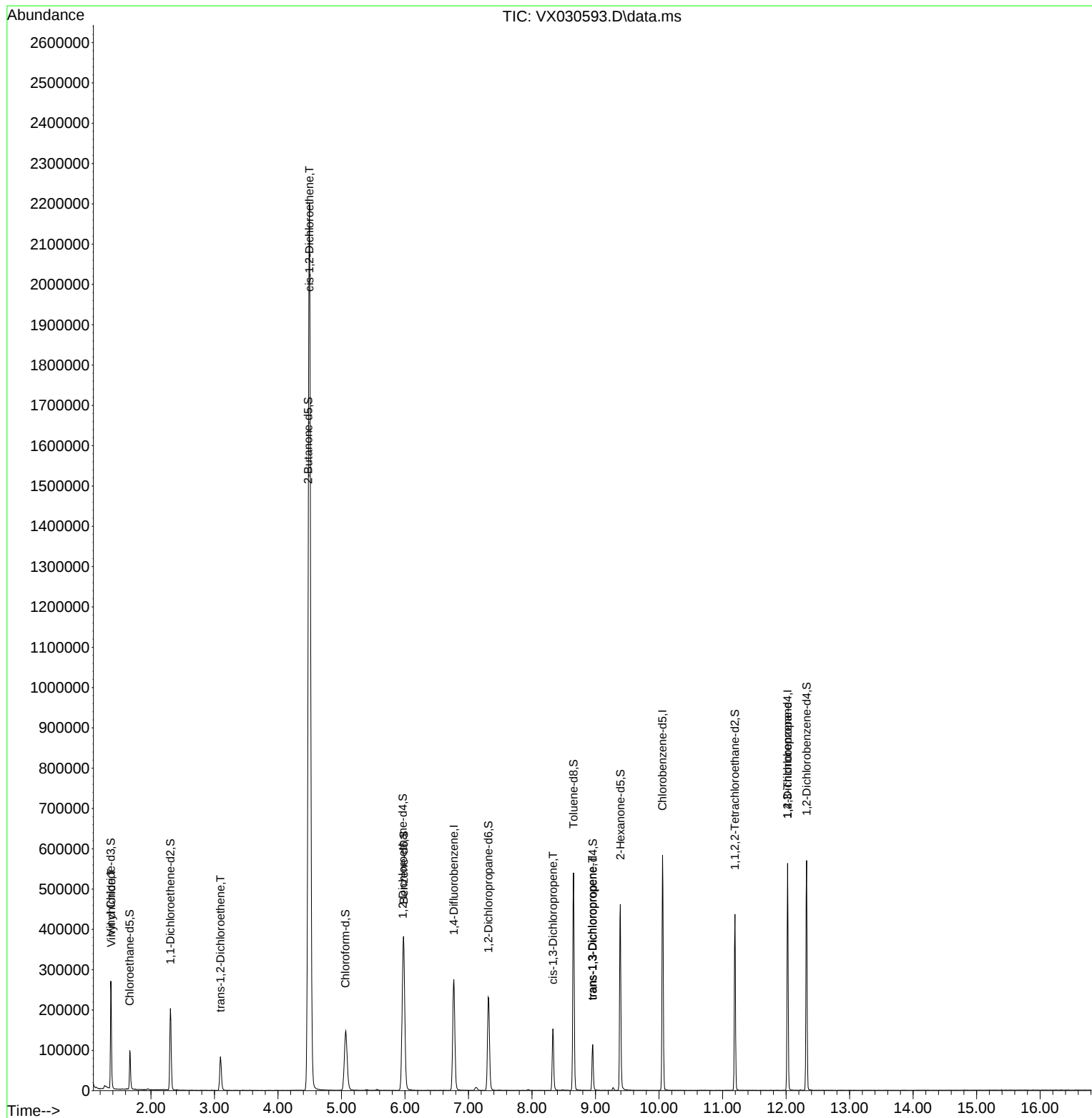
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	260428	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	238388	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	104887	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	71556	42.786	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	85.580%	
7) Chloroethane-d5	1.666	69	59884	50.793	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	101.580%	
11) 1,1-Dichloroethene-d2	2.307	63	112010	35.406	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	70.820%	
21) 2-Butanone-d5	4.477	46	198057	127.813	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	127.810%	
24) Chloroform-d	5.062	84	176853	51.370	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	102.740%	
26) 1,2-Dichloroethane-d4	5.964	65	132635	56.739	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	113.480%	
32) Benzene-d6	5.983	84	341911	50.071	ug/L	0.01
Spiked Amount	50.000	Range 70 - 125	Recovery	=	100.140%	
36) 1,2-Dichloropropane-d6	7.312	67	118214	53.358	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	106.720%	
41) Toluene-d8	8.653	98	297980	46.294	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	92.580%	
43) trans-1,3-Dichloroprop...	8.958	79	51631	46.845	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	93.700%	
47) 2-Hexanone-d5	9.391	63	123220	109.114	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	109.110%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	164329	56.462	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	112.920%	
66) 1,2-Dichlorobenzene-d4	12.323	152	103603	50.926	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	101.860%	
Target Compounds						
5) Vinyl chloride	1.374	62	111104	61.729	ug/L	96
17) trans-1,2-Dichloroethene	3.093	96	30682	18.169	ug/L	97
20) cis-1,2-Dichloroethene	4.495	96	1236749	651.042	ug/L	94
39) cis-1,3-Dichloropropene	8.330	75	3491	1.152	ug/L #	74
44) trans-1,3-Dichloropropene	8.952	75	2522	0.850	ug/L	93
61) 1,2,3-Trichloropropane	12.024	75	13977	6.205	ug/L #	66

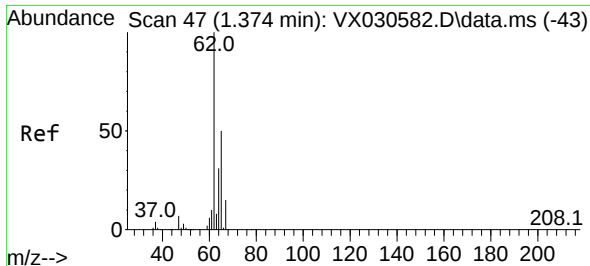
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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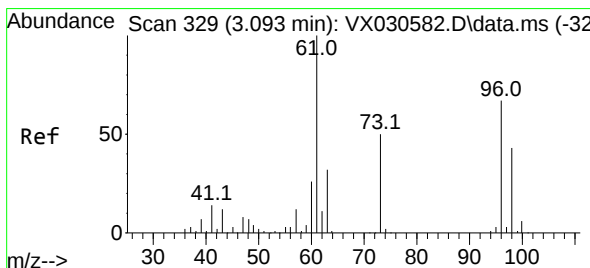
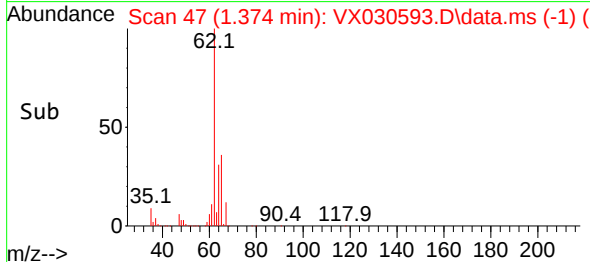
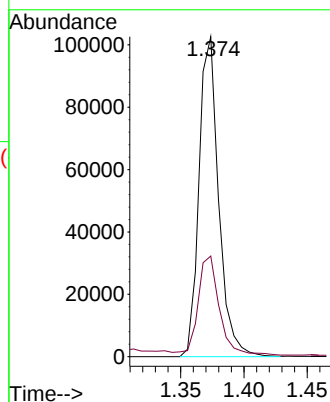
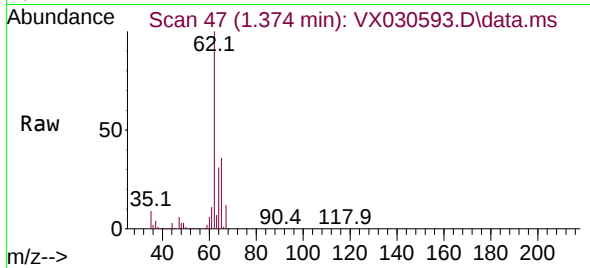




#5
 Vinyl chloride
 Concen: 61.729 ug/L
 RT: 1.374 min Scan# 47
 Delta R.T. 0.000 min
 Lab File: VX030593.D
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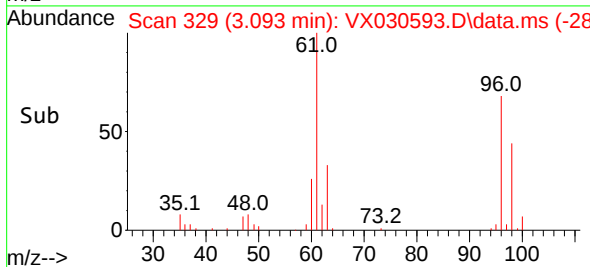
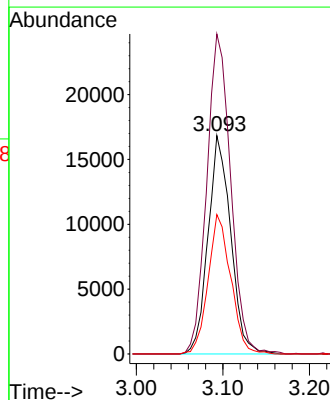
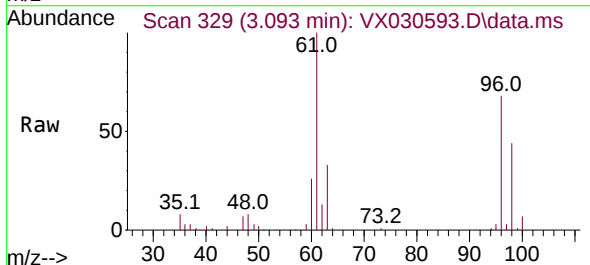
Instrument :
 MSVOA_X
 ClientSampleId :
 F5D35

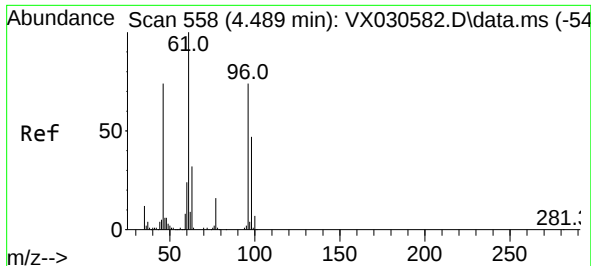
Tgt Ion: 62 Resp: 111104
 Ion Ratio Lower Upper
 62 100
 64 31.4 23.8 44.2



#17
 trans-1,2-Dichloroethene
 Concen: 18.169 ug/L
 RT: 3.093 min Scan# 329
 Delta R.T. 0.000 min
 Lab File: VX030593.D
 Acq: 12 Aug 2022 14:47

Tgt Ion: 96 Resp: 30682
 Ion Ratio Lower Upper
 96 100
 61 146.6 103.7 192.5
 98 63.8 41.5 77.1





#20

cis-1,2-Dichloroethene

Concen: 651.042 ug/L

RT: 4.495 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX030593.D

Acq: 12 Aug 2022 14:47

Instrument :

MSVOA_X

ClientSampleId :

F5D35

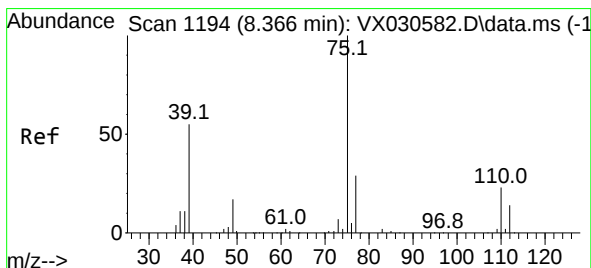
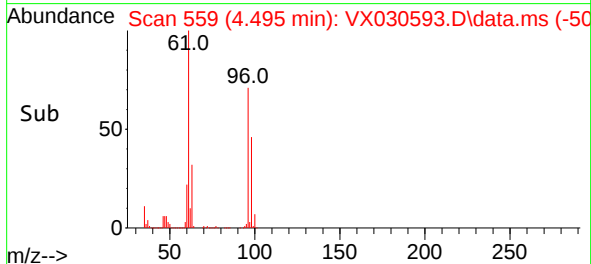
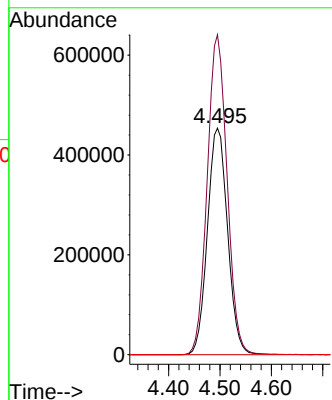
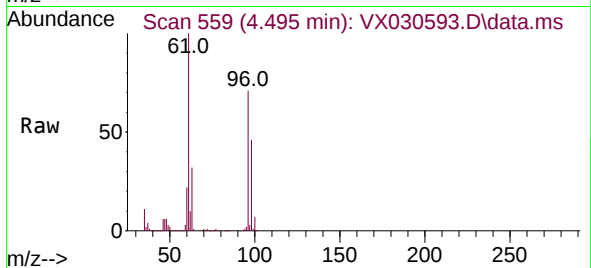
Tgt Ion: 96 Resp: 1236749

Ion Ratio Lower Upper

96 100

61 141.2 94.0 174.6

68 0.0 0.0 0.0



#39

cis-1,3-Dichloropropene

Concen: 1.152 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.037 min

Lab File: VX030593.D

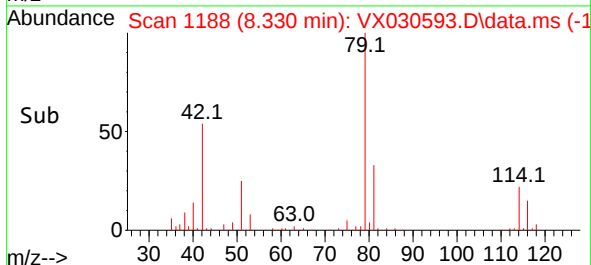
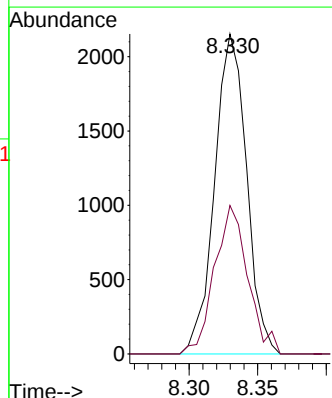
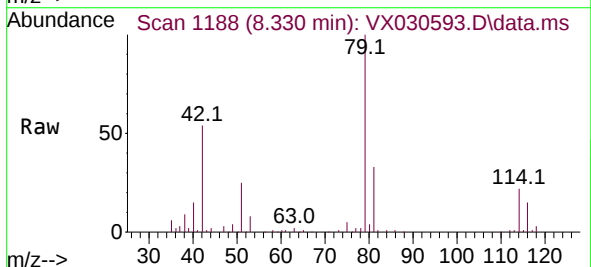
Acq: 12 Aug 2022 14:47

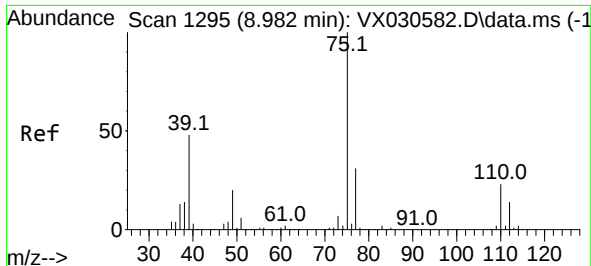
Tgt Ion: 75 Resp: 3491

Ion Ratio Lower Upper

75 100

77 46.4 22.4 41.6#

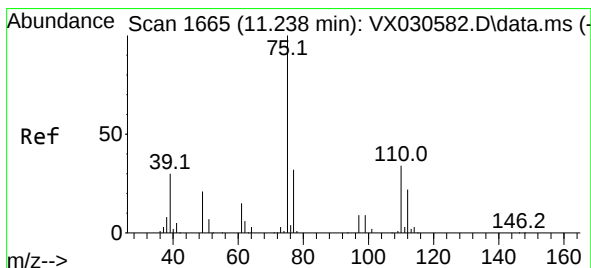
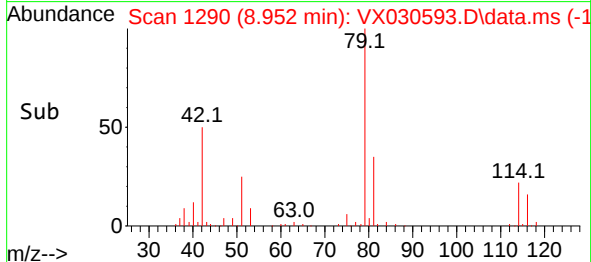
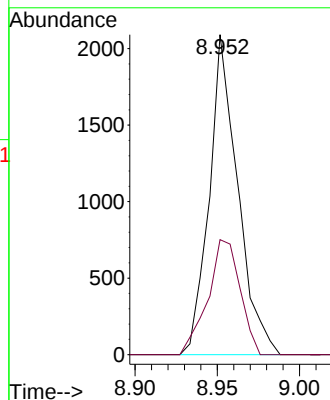
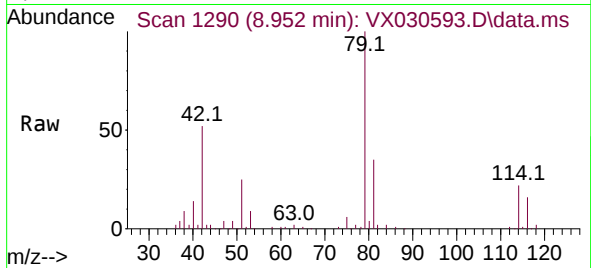




#44
trans-1,3-Dichloropropene
Concen: 0.850 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.030 min
Lab File: VX030593.D
Acq: 12 Aug 2022 14:47

Instrument :
MSVOA_X
ClientSampleId :
F5D35

Tgt Ion: 75 Resp: 2522
Ion Ratio Lower Upper
75 100
77 36.0 22.5 41.7



#61
1,2,3-Trichloropropane
Concen: 6.205 ug/L
RT: 12.024 min Scan# 1794
Delta R.T. 0.787 min
Lab File: VX030593.D
Acq: 12 Aug 2022 14:47

Tgt Ion: 75 Resp: 13977
Ion Ratio Lower Upper
75 100
77 35.0 26.1 39.1
110 2.7 30.5 45.7#

