

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081222\
 Data File : VX030598.D
 Acq On : 12 Aug 2022 16:44
 Operator : JC/MD
 Sample : N4131-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F5E15

Quant Time: Aug 12 23:31:40 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)

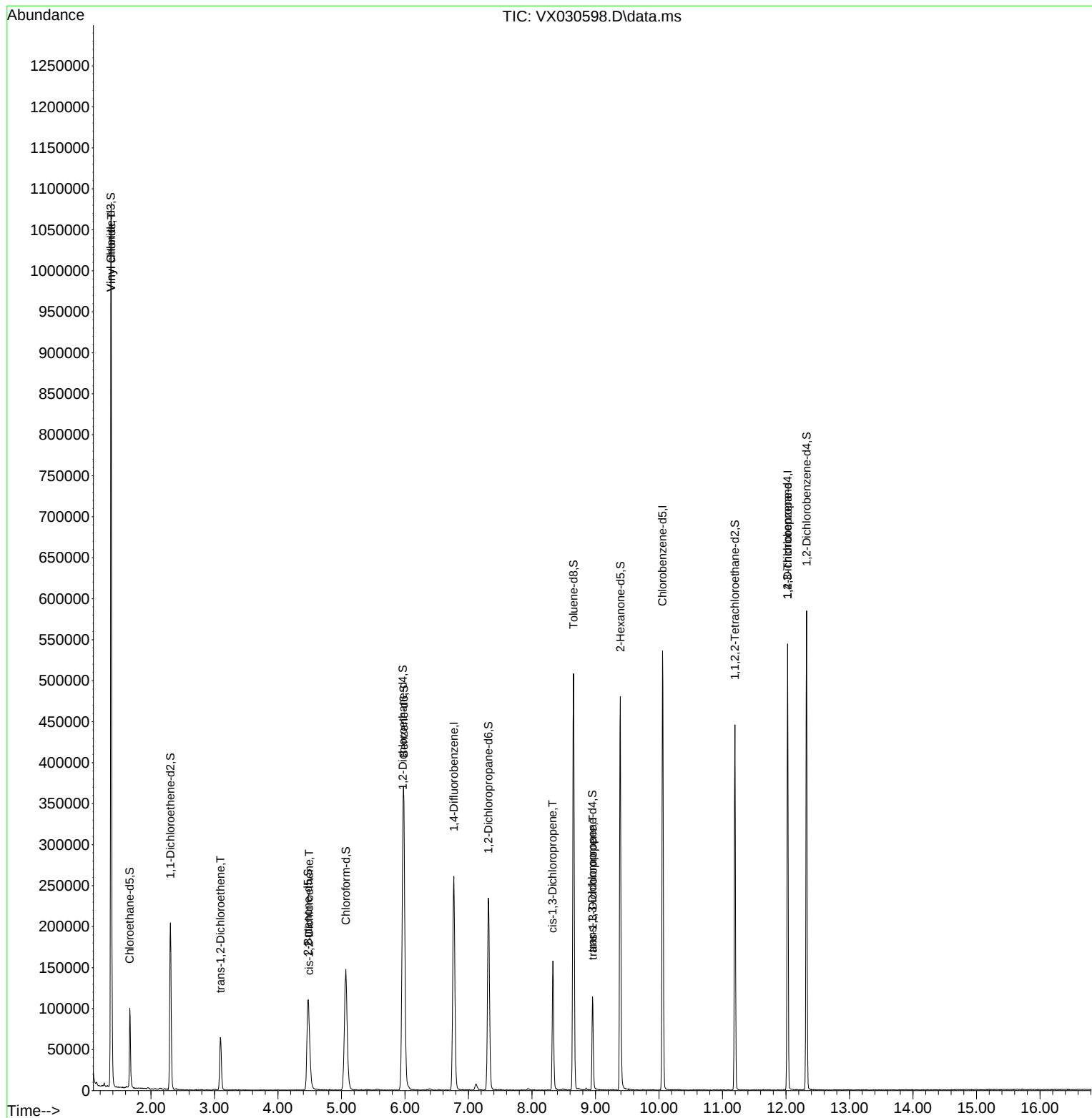
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	245691	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	222372	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	96232	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	72285	45.814	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	91.620%	
7) Chloroethane-d5	1.666	69	60167	54.094	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	108.180%	
11) 1,1-Dichloroethene-d2	2.307	63	119873	40.165	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	80.320%	
21) 2-Butanone-d5	4.471	46	195143	133.486	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	133.490%#	
24) Chloroform-d	5.068	84	172658	53.160	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	106.320%	
26) 1,2-Dichloroethane-d4	5.964	65	131736	59.735	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	119.460%	
32) Benzene-d6	5.983	84	335104	52.609	ug/L	0.01
Spiked Amount	50.000	Range 70 - 125	Recovery	=	105.220%	
36) 1,2-Dichloropropane-d6	7.312	67	115771	56.019	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	112.040%	
41) Toluene-d8	8.653	98	292218	48.669	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	97.340%	
43) trans-1,3-Dichloroprop...	8.952	79	52173	50.746	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	101.500%	
47) 2-Hexanone-d5	9.391	63	128085	121.592	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	121.590%	
56) 1,1,2,2-Tetrachloroeth...	11.195	84	165026	60.786	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	121.580%#	
66) 1,2-Dichlorobenzene-d4	12.323	152	104655	56.070	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	112.140%	
Target Compounds						Qvalue
5) Vinyl chloride	1.374	62	635894	374.491	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	24779	15.553	ug/L	94
20) cis-1,2-Dichloroethene	4.489	96	4200	2.344	ug/L	81
39) cis-1,3-Dichloropropene	8.324	75	3887	1.375	ug/L	83
44) trans-1,3-Dichloropropene	8.958	75	2604	0.941	ug/L	99
61) 1,2,3-Trichloropropane	12.024	75	13318	6.444	ug/L #	68

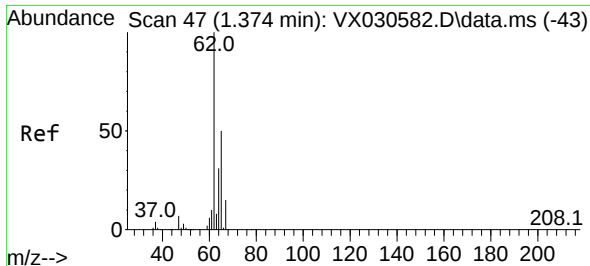
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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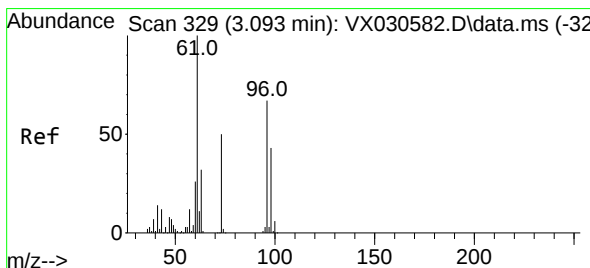
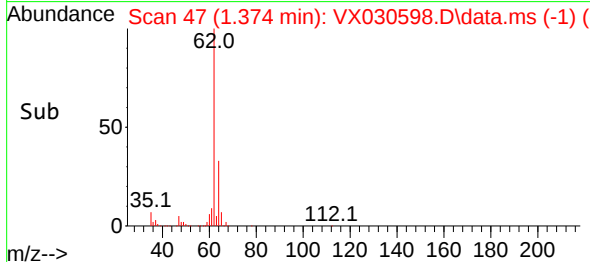
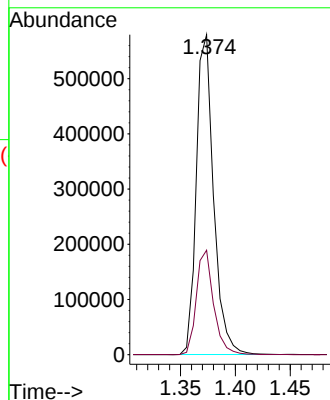
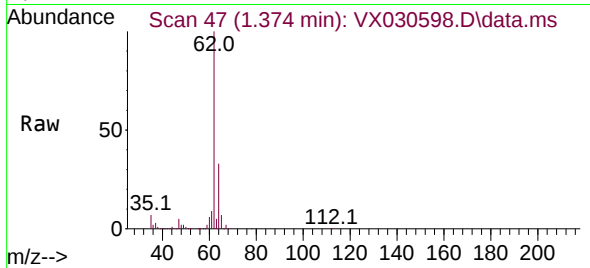




#5
 Vinyl chloride
 Concen: 374.491 ug/L
 RT: 1.374 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX030598.D
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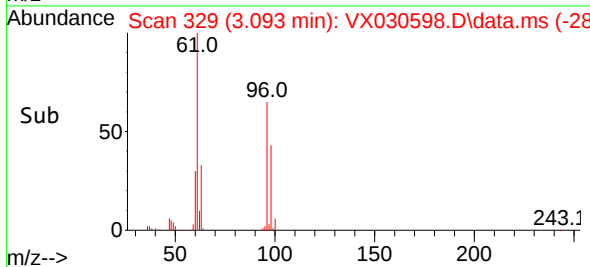
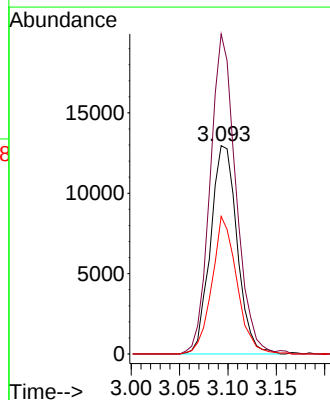
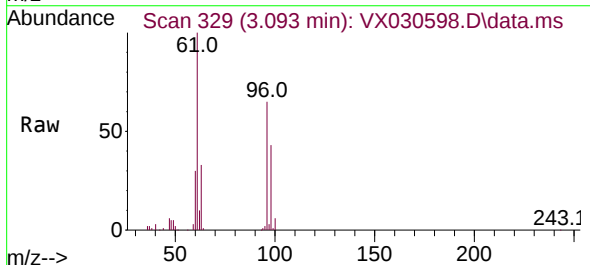
Instrument :
 MSVOA_X
 ClientSampleId :
 F5E15

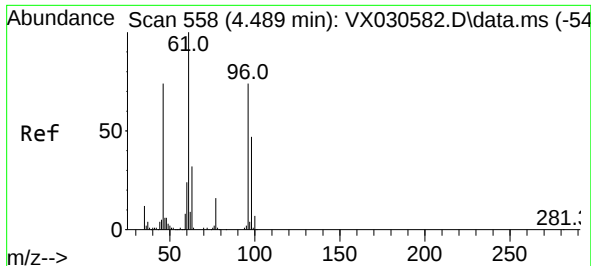
Tgt Ion: 62 Resp: 635894
 Ion Ratio Lower Upper
 62 100
 64 32.6 23.8 44.2



#17
 trans-1,2-Dichloroethene
 Concen: 15.553 ug/L
 RT: 3.093 min Scan# 329
 Delta R.T. 0.000 min
 Lab File: VX030598.D
 Acq: 12 Aug 2022 16:44

Tgt Ion: 96 Resp: 24779
 Ion Ratio Lower Upper
 96 100
 61 153.6 103.7 192.5
 98 66.1 41.5 77.1





#20

cis-1,2-Dichloroethene

Concen: 2.344 ug/L

RT: 4.489 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX030598.D

Acq: 12 Aug 2022 16:44

Instrument :

MSVOA_X

ClientSampleId :

F5E15

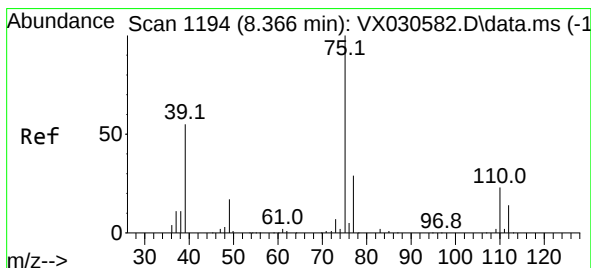
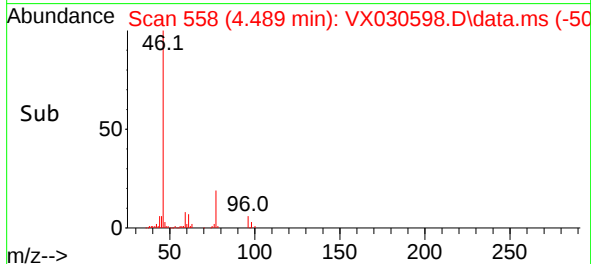
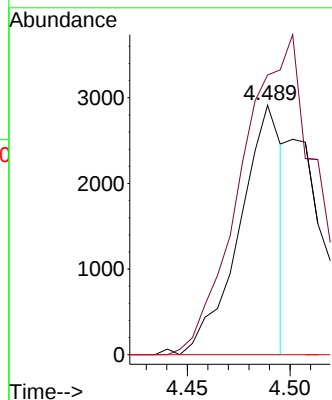
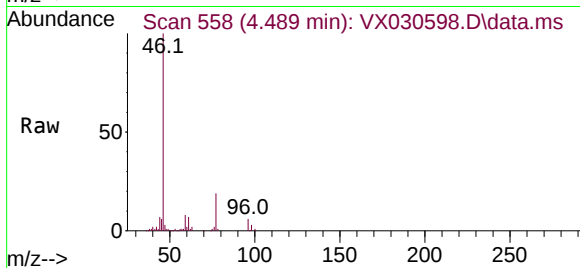
Tgt Ion: 96 Resp: 4200

Ion Ratio Lower Upper

96 100

61 112.1 94.0 174.6

68 0.0 0.0 0.0



#39

cis-1,3-Dichloropropene

Concen: 1.375 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.043 min

Lab File: VX030598.D

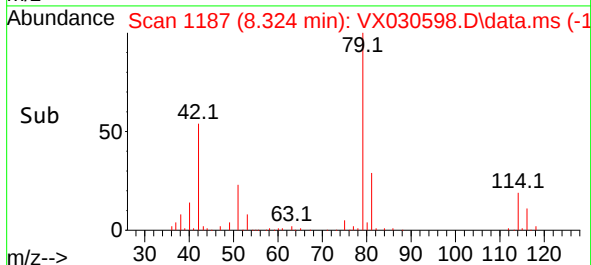
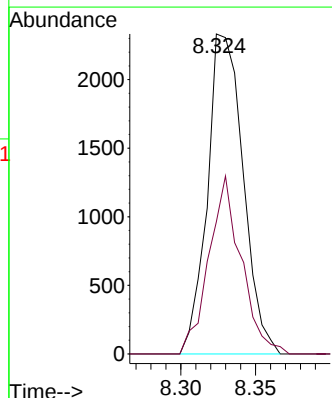
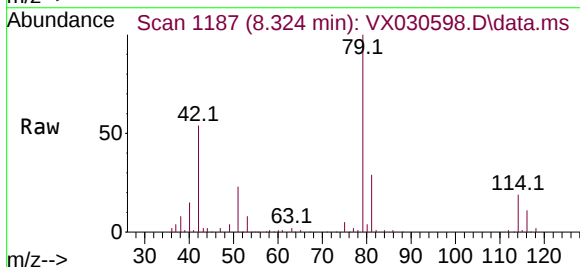
Acq: 12 Aug 2022 16:44

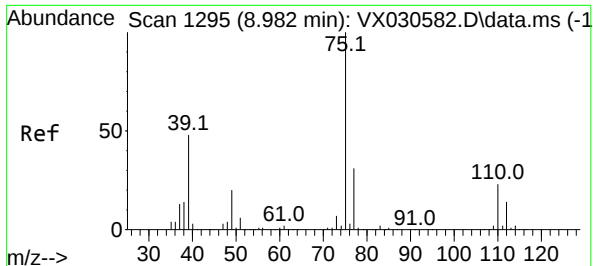
Tgt Ion: 75 Resp: 3887

Ion Ratio Lower Upper

75 100

77 41.3 22.4 41.6

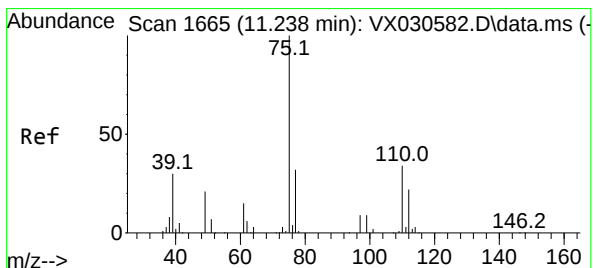
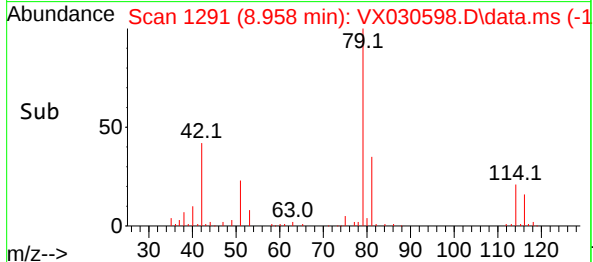
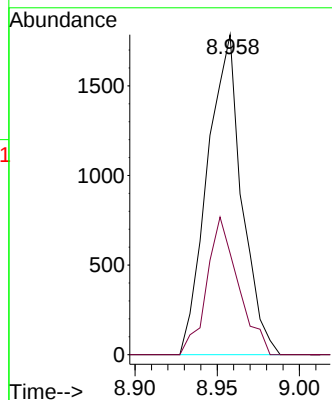
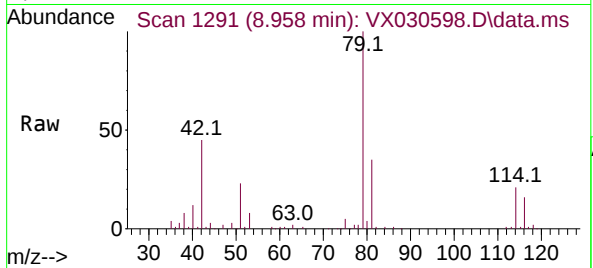




#44
trans-1,3-Dichloropropene
Concen: 0.941 ug/L
RT: 8.958 min Scan# 1794
Delta R.T. -0.024 min
Lab File: VX030598.D
Acq: 12 Aug 2022 16:44

Instrument :
MSVOA_X
ClientSampleId :
F5E15

Tgt Ion: 75 Resp: 2604
Ion Ratio Lower Upper
75 100
77 31.6 22.5 41.7



#61
1,2,3-Trichloropropane
Concen: 6.444 ug/L
RT: 12.024 min Scan# 1794
Delta R.T. 0.787 min
Lab File: VX030598.D
Acq: 12 Aug 2022 16:44

Tgt Ion: 75 Resp: 13318
Ion Ratio Lower Upper
75 100
77 31.3 26.1 39.1
110 3.0 30.5 45.7#

