

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031623\
 Data File : VU053228.D
 Acq On : 16 Mar 2023 15:55
 Operator : JC/MD
 Sample : 01929-08DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFD2DL

Quant Time: Mar 17 02:42:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 17 02:34:44 2023
 Response via : Initial Calibration

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

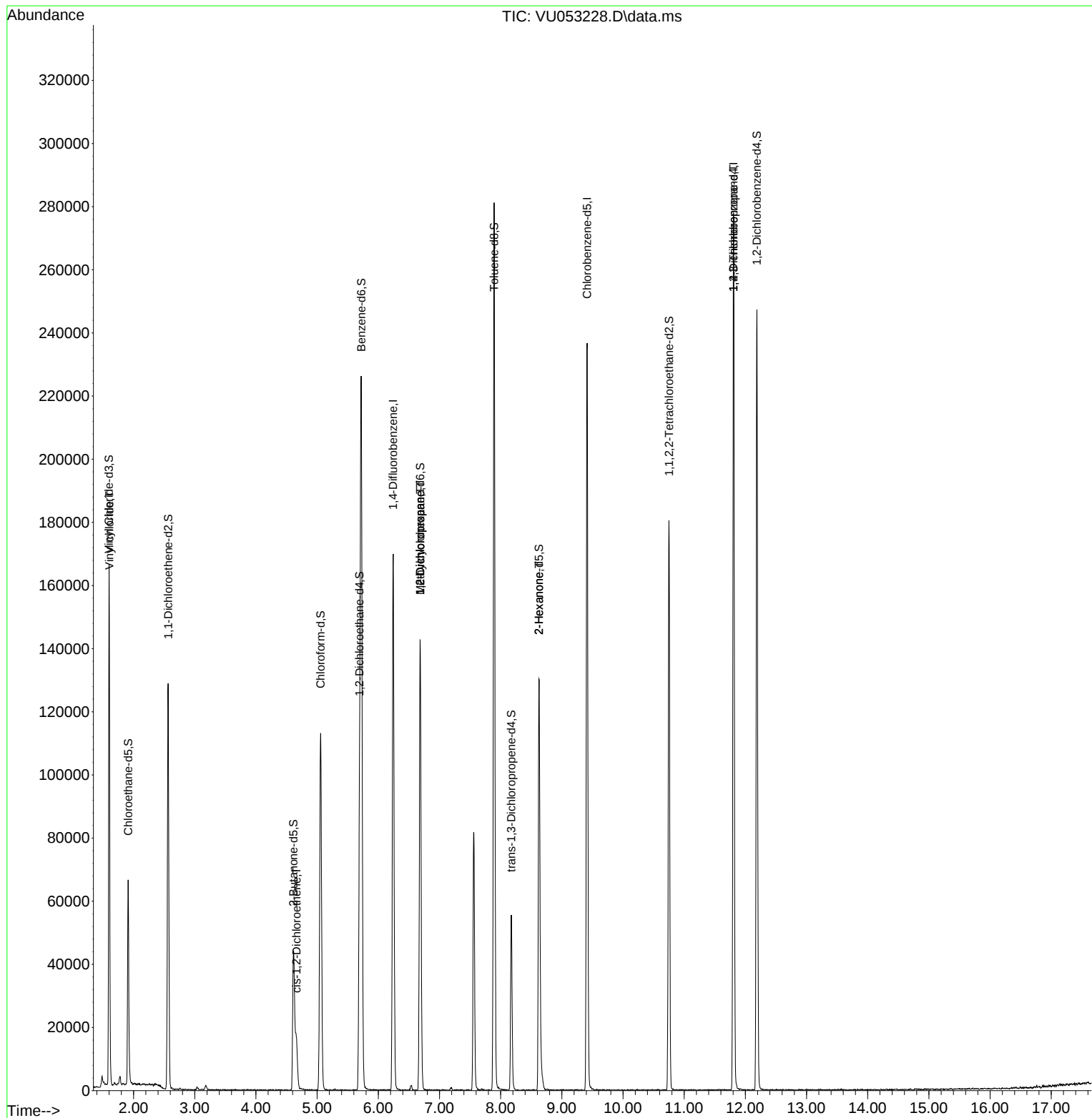
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	132438	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	125985	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	68383	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	56990	46.644	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.280%
7) Chloroethane-d5	1.912	69	47765	48.330	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.660%
11) 1,1-Dichloroethene-d2	2.565	63	74772	35.327	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.660%
21) 2-Butanone-d5	4.613	46	64280	113.432	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.430%
24) Chloroform-d	5.057	84	100650	50.015	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.020%
26) 1,2-Dichloroethane-d4	5.694	65	64428	51.551	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.100%
32) Benzene-d6	5.722	84	211157	51.674	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.340%
36) 1,2-Dichloropropane-d6	6.684	67	70477	53.438	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.880%
41) Toluene-d8	7.893	98	186815	49.103	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.200%
43) trans-1,3-Dichloroprop...	8.173	79	32289	49.622	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.240%
47) 2-Hexanone-d5	8.626	63	48894	118.582	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	118.580%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	89419	52.338	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.680%
66) 1,2-Dichlorobenzene-d4	12.188	152	60250	45.503	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	64157	46.043	ug/L	98
20) cis-1,2-Dichloroethene	4.661	96	7099	6.125	ug/L	98
35) Methylcyclohexane	6.684	83	14866	7.447	ug/L #	21
37) 1,2-Dichloropropane	6.684	63	7150	5.867	ug/L #	90
48) 2-Hexanone	8.626	43	5699	5.434	ug/L #	80
60) 1,2,3-Trichloropropane	11.806	75	9607	7.070	ug/L #	67

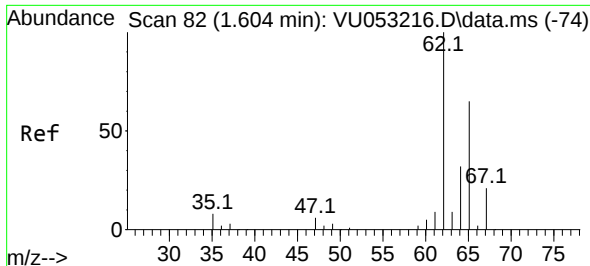
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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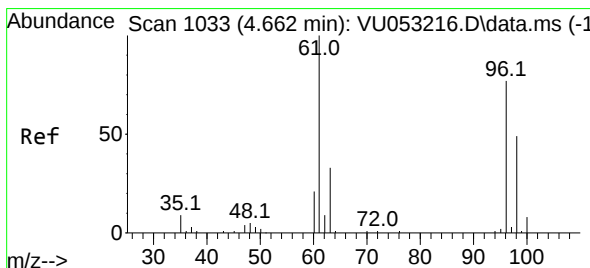
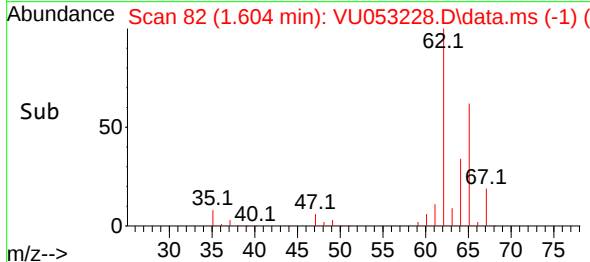
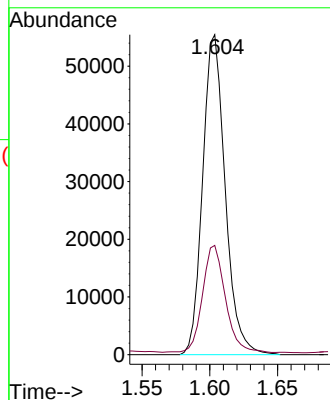
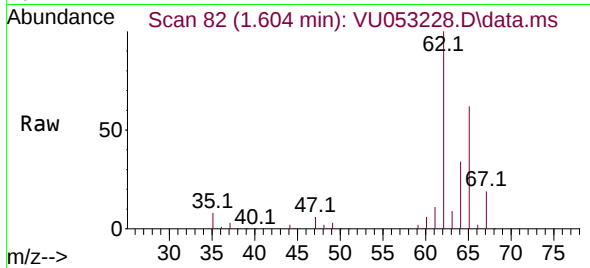




#5
 Vinyl chloride
 Concen: 46.043 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU053228.D
 Acq: 16 Mar 2023 15:55

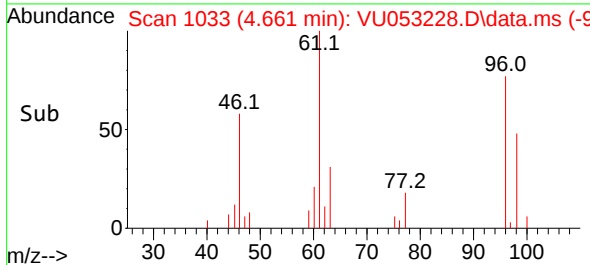
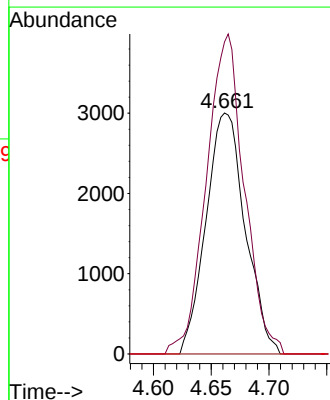
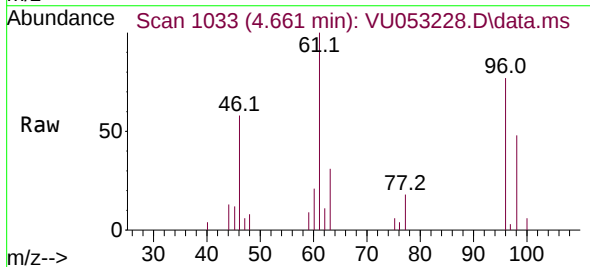
Instrument :
 MSVOA_U
 ClientSampleId :
 EYFD2DL

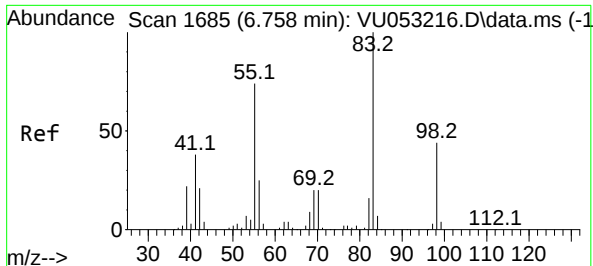
Tgt Ion: 62 Resp: 64157
 Ion Ratio Lower Upper
 62 100
 64 34.2 23.2 43.0



#20
 cis-1,2-Dichloroethene
 Concen: 6.125 ug/L
 RT: 4.661 min Scan# 1033
 Delta R.T. -0.000 min
 Lab File: VU053228.D
 Acq: 16 Mar 2023 15:55

Tgt Ion: 96 Resp: 7099
 Ion Ratio Lower Upper
 96 100
 61 129.5 92.5 171.7
 68 0.0 0.0 0.0





#35

Methylcyclohexane

Concen: 7.447 ug/L

RT: 6.684 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU053228.D

Acq: 16 Mar 2023 15:55

Instrument :

MSVOA_U

ClientSampleId :

EYFD2DL

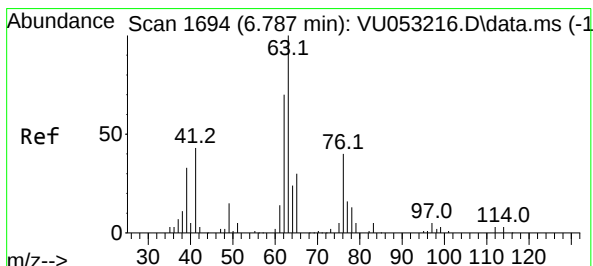
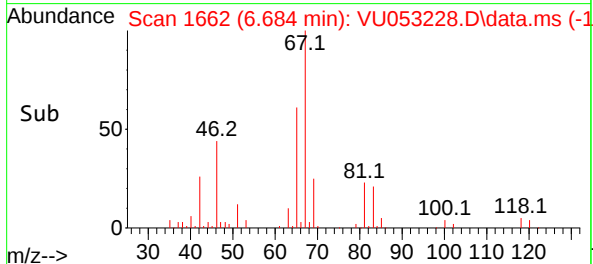
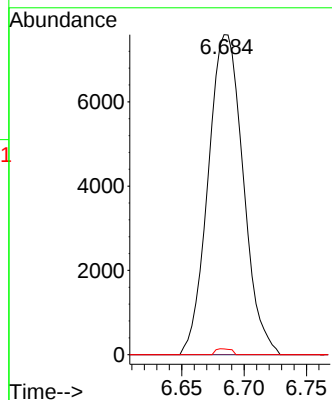
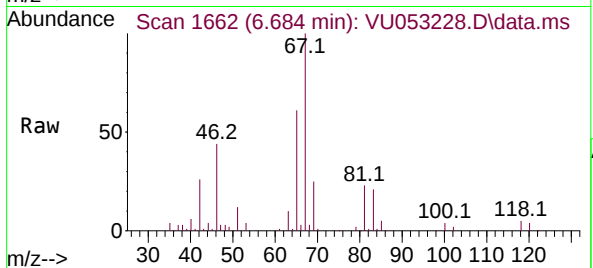
Tgt Ion: 83 Resp: 14866

Ion Ratio Lower Upper

83 100

55 0.0 58.2 87.4#

98 0.8 35.4 53.2#



#37

1,2-Dichloropropane

Concen: 5.867 ug/L

RT: 6.684 min Scan# 1662

Delta R.T. -0.103 min

Lab File: VU053228.D

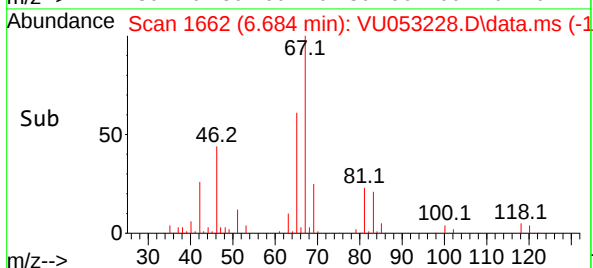
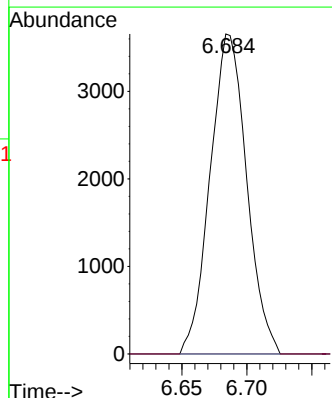
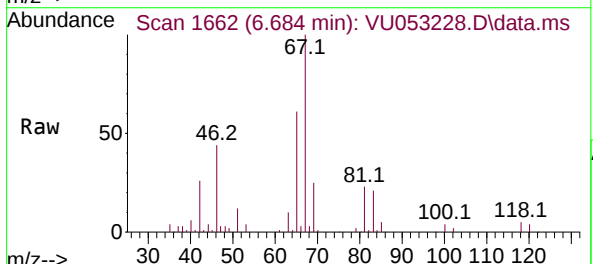
Acq: 16 Mar 2023 15:55

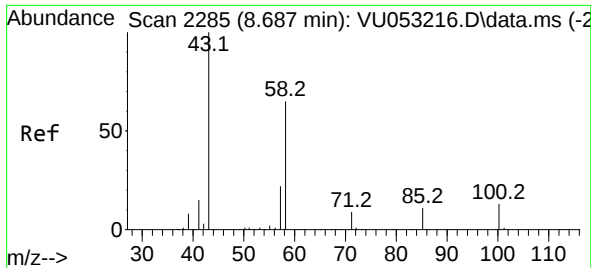
Tgt Ion: 63 Resp: 7150

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#

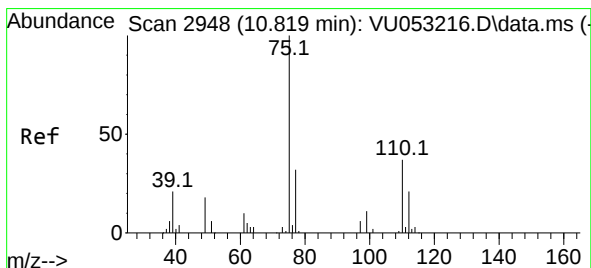
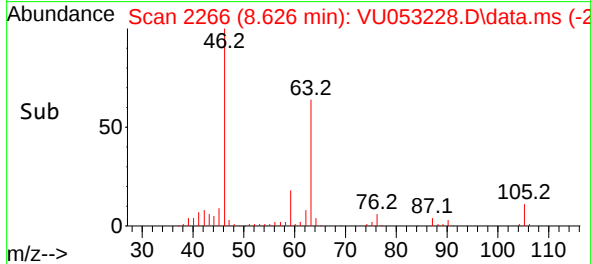
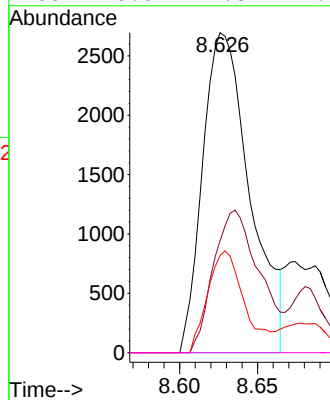
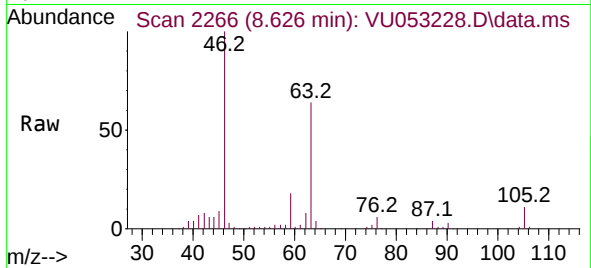




#48
2-Hexanone
Concen: 5.434 ug/L
RT: 8.626 min Scan# 21
Delta R.T. -0.061 min
Lab File: VU053228.D
Acq: 16 Mar 2023 15:55

Instrument :
MSVOA_U
ClientSampleId :
EYFD2DL

Tgt Ion: 43 Resp: 5699
Ion Ratio Lower Upper
43 100
58 44.2 49.4 74.0#
57 23.3 16.9 25.3
100 0.0 9.8 14.8#



#60
1,2,3-Trichloropropane
Concen: 7.070 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU053228.D
Acq: 16 Mar 2023 15:55

Tgt Ion: 75 Resp: 9607
Ion Ratio Lower Upper
75 100
77 35.6 26.6 40.0
110 1.1 28.6 42.8#

