

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
 Data File : VU051038.D
 Acq On : 30 Sep 2022 16:58
 Operator : JC/MD
 Sample : N4854-16 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 01 01:27:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 01 01:23:58 2022
 Response via : Initial Calibration

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

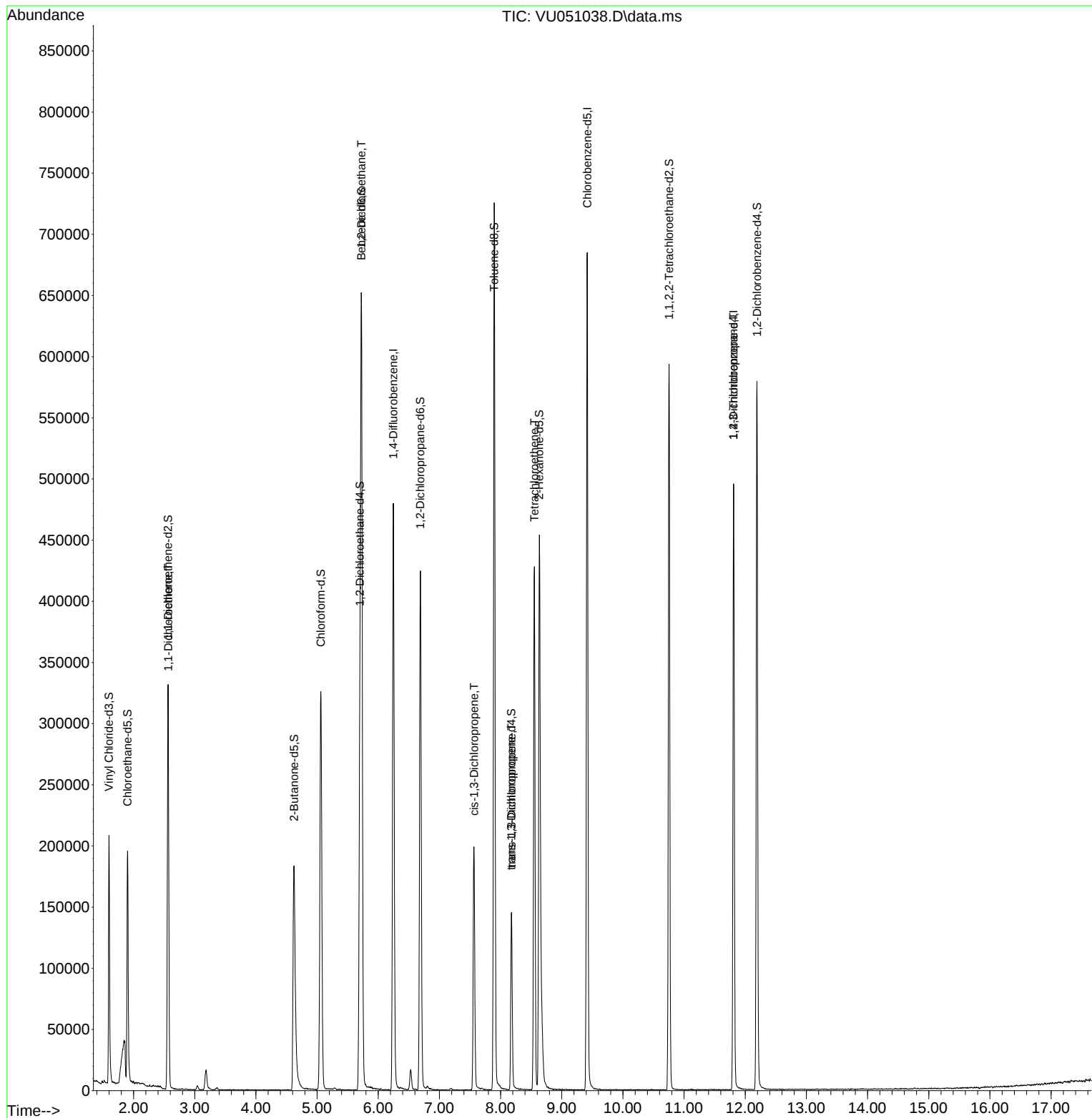
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	374491	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	377936	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	128956	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	154233	40.638	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.280%
7) Chloroethane-d5	1.903	69	144863	41.090	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.180%
11) 1,1-Dichloroethene-d2	2.565	63	195906	34.944	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.880%
21) 2-Butanone-d5	4.623	46	256702	104.284	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.280%
24) Chloroform-d	5.060	84	305284	49.927	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.860%
26) 1,2-Dichloroethane-d4	5.700	65	197457	52.172	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.340%
32) Benzene-d6	5.726	84	593721	53.646	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.300%
36) 1,2-Dichloropropane-d6	6.687	67	205586	57.246	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	114.500%
41) Toluene-d8	7.896	98	474944	46.447	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.900%
43) trans-1,3-Dichloroprop...	8.176	79	79605	46.473	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.940%
47) 2-Hexanone-d5	8.632	63	129352	89.202	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.200%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	300007	47.799	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	151047	54.829	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.660%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.568	96	1552	0.581	ug/L #	1
27) 1,2-Dichloroethane	5.723	62	3445	0.766	ug/L	96
39) cis-1,3-Dichloropropene	7.568	75	4720	1.074	ug/L #	40
44) trans-1,3-Dichloropropene	8.179	75	3505	0.789	ug/L	83
46) Tetrachloroethene	8.552	164	91769	40.577	ug/L	97
60) 1,2,3-Trichloropropane	11.809	75	16258	4.791	ug/L #	67

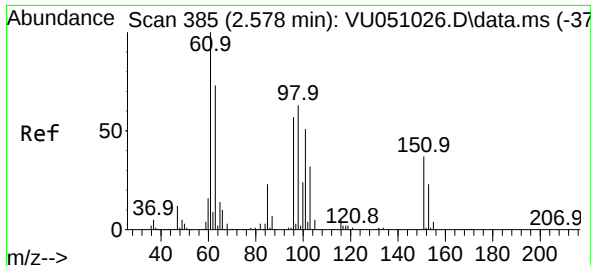
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Oct 01 01:23:58 2022
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.581 ug/L

RT: 2.568 min Scan# 385

Delta R.T. -0.010 min

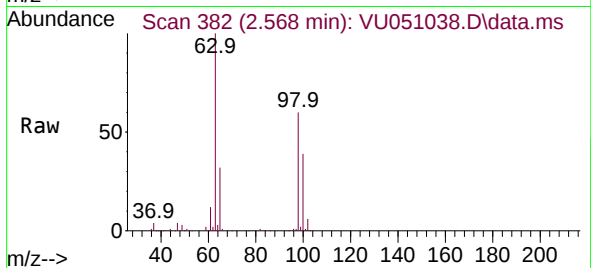
Lab File: VU051038.D

Acq: 30 Sep 2022 16:58

Instrument :

MSVOA_U

ClientSampleId :



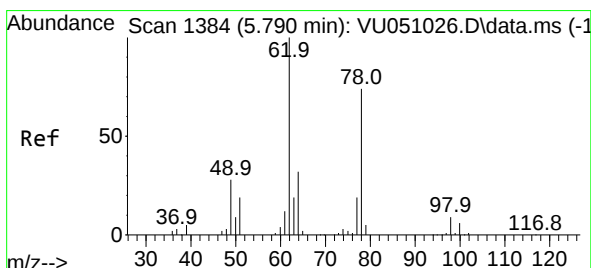
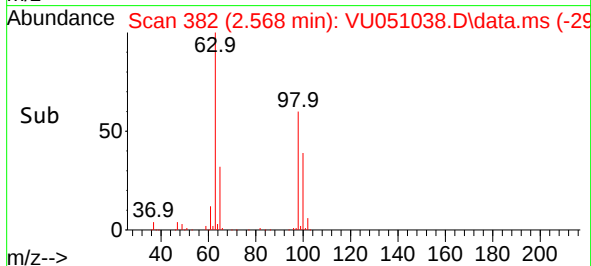
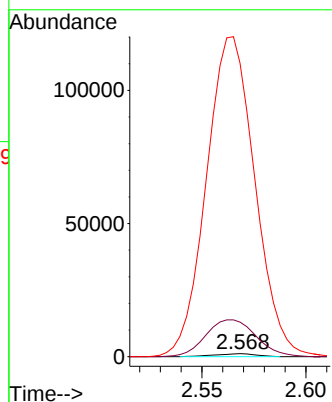
Tgt Ion: 96 Resp: 1552

Ion Ratio Lower Upper

96 100

61 1146.6 113.0 209.9#

63 9707.8 91.7 170.3#



#27

1,2-Dichloroethane

Concen: 0.766 ug/L

RT: 5.723 min Scan# 1363

Delta R.T. -0.068 min

Lab File: VU051038.D

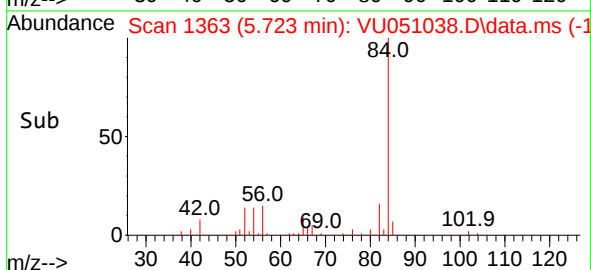
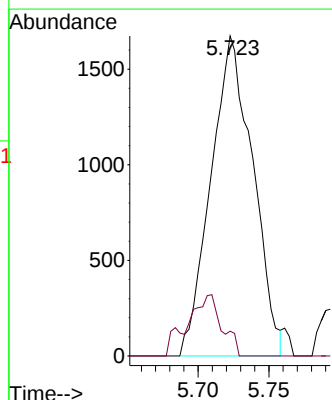
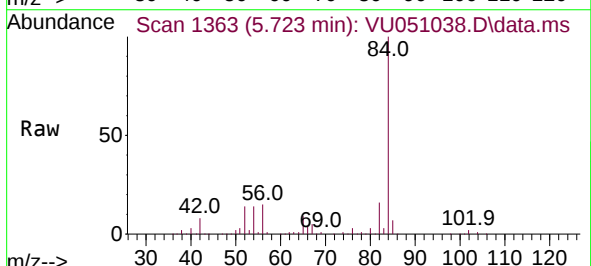
Acq: 30 Sep 2022 16:58

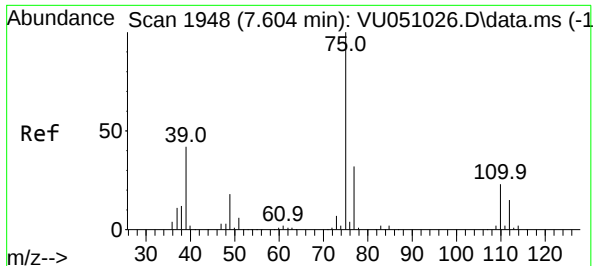
Tgt Ion: 62 Resp: 3445

Ion Ratio Lower Upper

62 100

98 7.8 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 1.074 ug/L

RT: 7.568 min Scan# 1948

Delta R.T. -0.035 min

Lab File: VU051038.D

Acq: 30 Sep 2022 16:58

Instrument :

MSVOA_U

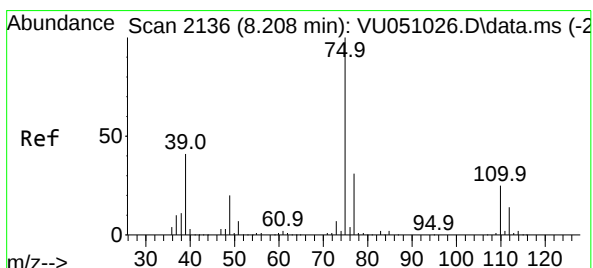
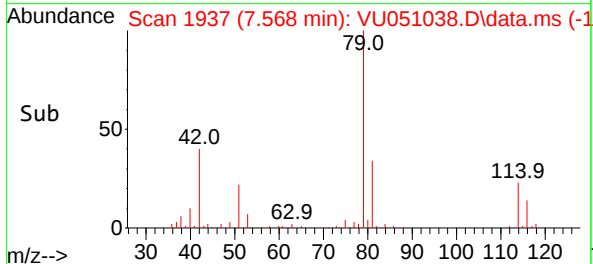
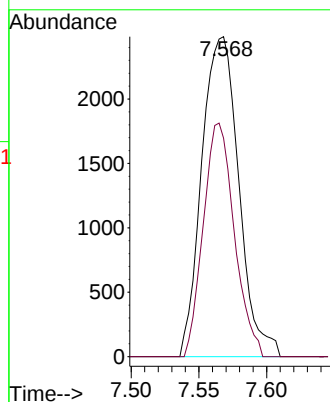
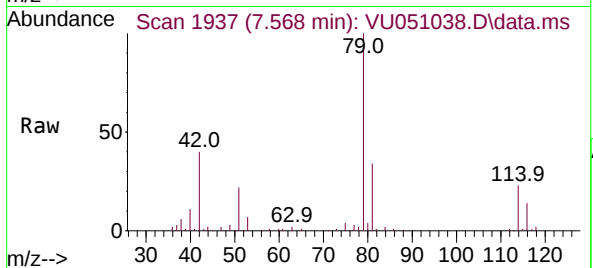
ClientSampleId :

Tgt Ion: 75 Resp: 4720

Ion Ratio Lower Upper

75 100

77 64.5 22.0 41.0#



#44

trans-1,3-Dichloropropene

Concen: 0.789 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.029 min

Lab File: VU051038.D

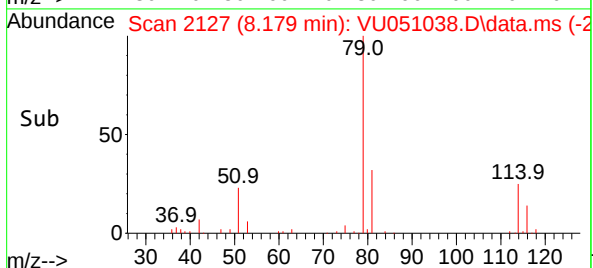
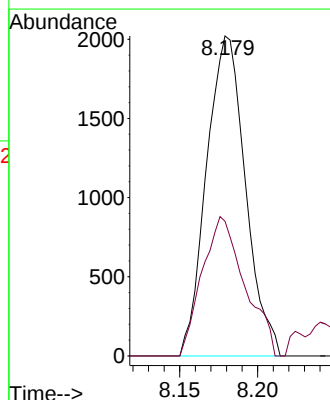
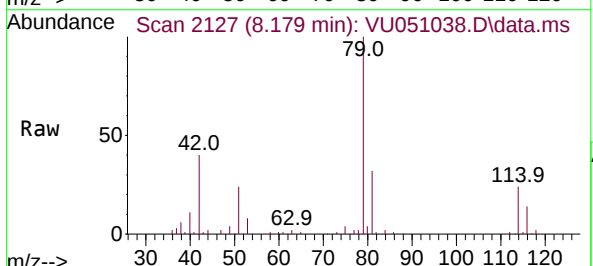
Acq: 30 Sep 2022 16:58

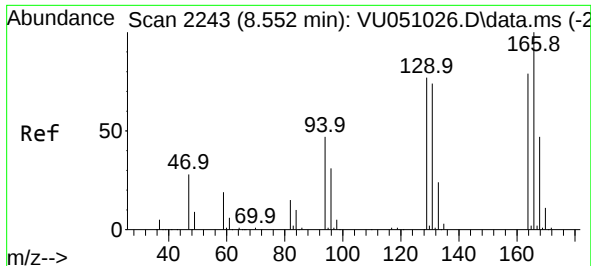
Tgt Ion: 75 Resp: 3505

Ion Ratio Lower Upper

75 100

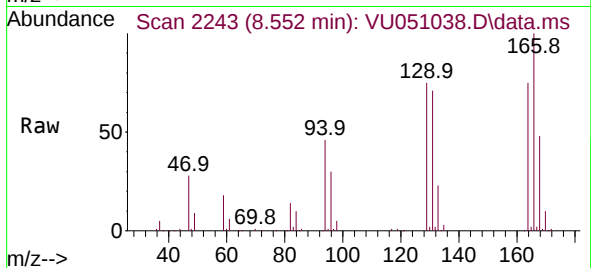
77 42.1 22.7 42.3



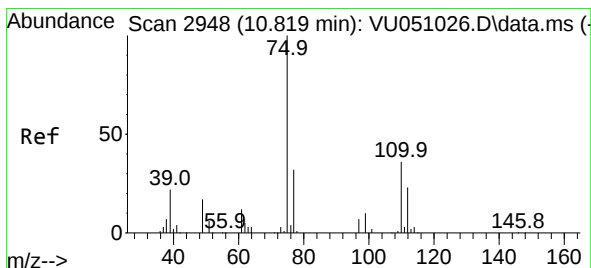
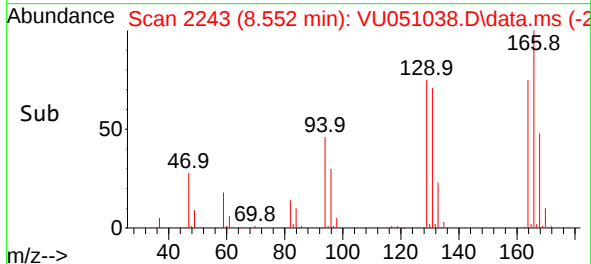
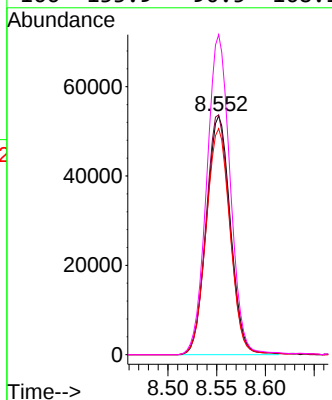


#46
Tetrachloroethene
Concen: 40.577 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051038.D
Acq: 30 Sep 2022 16:58

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:164 Resp: 91769
Ion Ratio Lower Upper
164 100
129 100.4 68.1 126.5
131 94.6 67.8 126.0
166 133.9 90.5 168.1



#60
1,2,3-Trichloropropane
Concen: 4.791 ug/L
RT: 11.809 min Scan# 3256
Delta R.T. 0.990 min
Lab File: VU051038.D
Acq: 30 Sep 2022 16:58

Tgt Ion: 75 Resp: 16258
Ion Ratio Lower Upper
75 100
77 31.2 26.1 39.1
110 2.1 30.0 45.0#

