

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050322\
 Data File : VU048395.D
 Acq On : 03 May 2022 17:06
 Operator : SY/MD
 Sample : N2668-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXL78

Quant Time: May 04 01:40:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 04 01:37:47 2022
 Response via : Initial Calibration

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

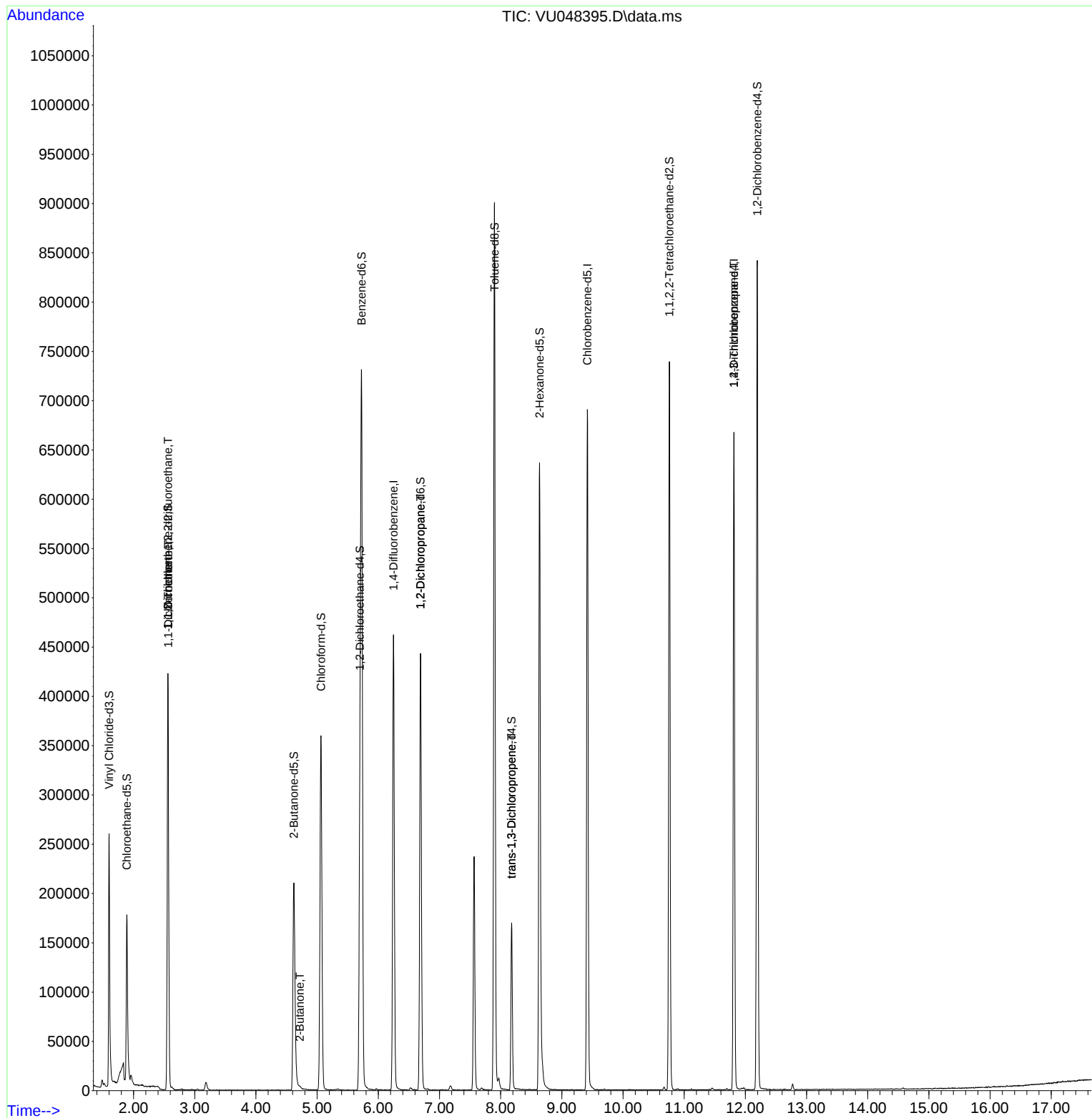
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	403458	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	410396	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	191619	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	208679	56.246	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	112.500%
7) Chloroethane-d5	1.890	69	151729	58.262	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	116.520%
11) 1,1-Dichloroethene-d2	2.562	63	244015	41.048	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.100%
21) 2-Butanone-d5	4.620	46	301082	95.148	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.150%
24) Chloroform-d	5.064	84	328755	48.853	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.700%
26) 1,2-Dichloroethane-d4	5.700	65	207154	51.882	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.760%
32) Benzene-d6	5.726	84	706656	54.596	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.200%
36) 1,2-Dichloropropane-d6	6.690	67	222876	52.085	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.160%
41) Toluene-d8	7.899	98	620950	52.926	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.860%
43) trans-1,3-Dichloroprop...	8.179	79	94147	49.861	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.720%
47) 2-Hexanone-d5	8.636	63	220516	95.516	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.520%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	368163	49.057	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.120%
66) 1,2-Dichlorobenzene-d4	12.195	152	245764	57.015	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.020%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.562	101	2287	0.752	ug/L #	18
12) 1,1-Dichloroethene	2.565	96	1811	0.683	ug/L #	1
22) 2-Butanone	4.716	43	3561	1.185	ug/L	76
37) 1,2-Dichloropropane	6.690	63	22531	6.517	ug/L #	88
44) trans-1,3-Dichloropropene	8.179	75	3731	0.786	ug/L #	75
60) 1,2,3-Trichloropropane	11.812	75	19497	4.362	ug/L #	68

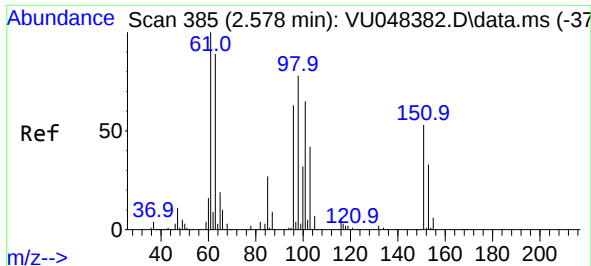
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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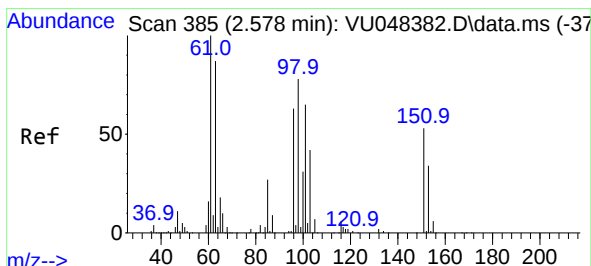
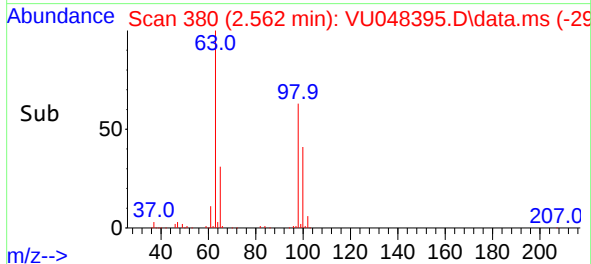
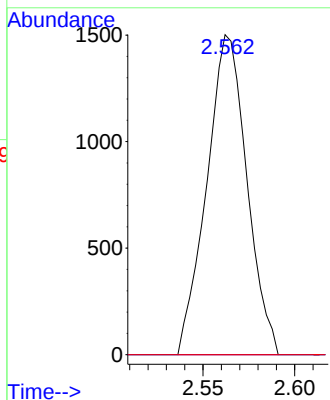
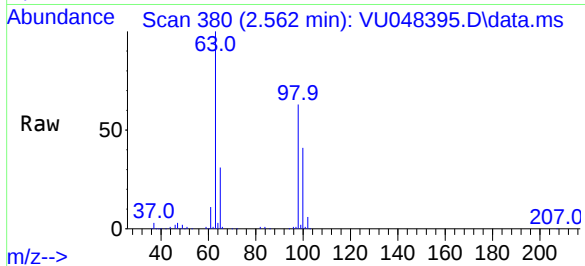




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.752 ug/L
RT: 2.562 min Scan# 31
Delta R.T. -0.016 min
Lab File: VU048395.D
Acq: 03 May 2022 17:06

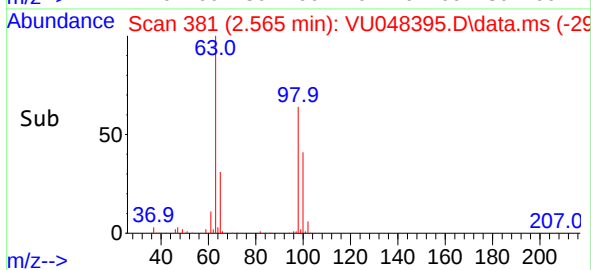
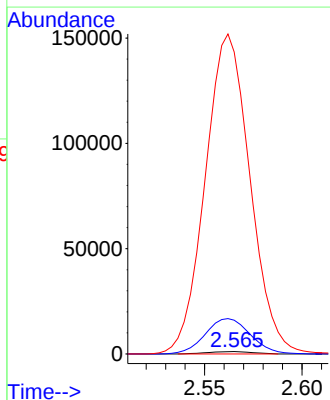
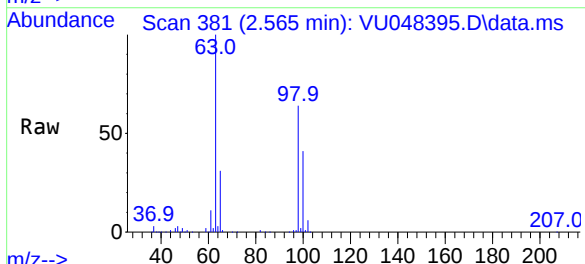
Instrument :
MSVOA_U
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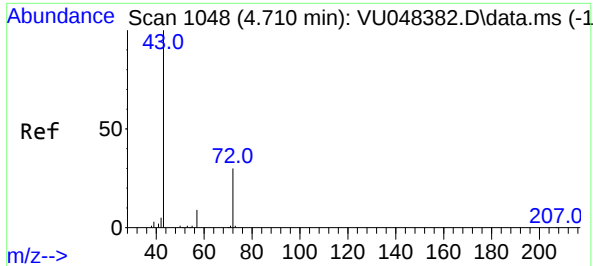
Tgt Ion:101 Resp: 2287
Ion Ratio Lower Upper
101 100
85 0.0 32.6 48.8#
151 0.0 64.1 96.1#



#12
1,1-Dichloroethene
Concen: 0.683 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.013 min
Lab File: VU048395.D
Acq: 03 May 2022 17:06

Tgt Ion: 96 Resp: 1811
Ion Ratio Lower Upper
96 100
61 1426.5 107.9 200.3#
63 12754.4 80.3 149.1#

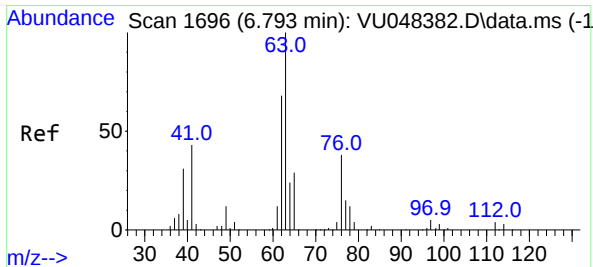
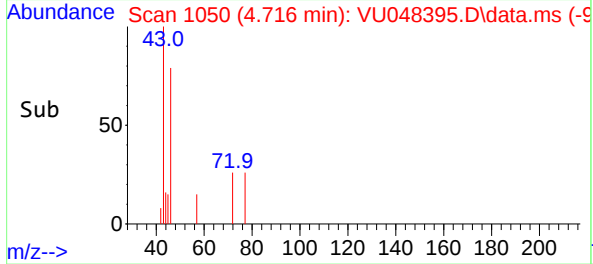
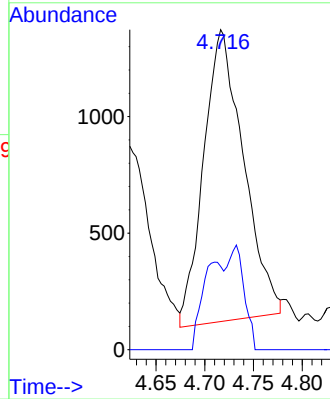
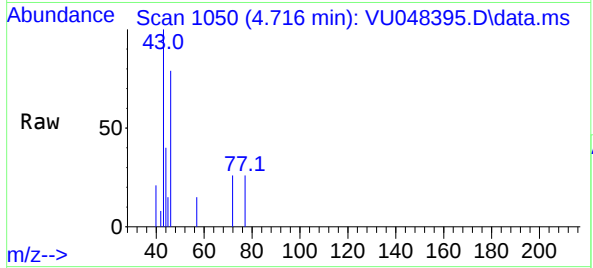




#22
2-Butanone
Concen: 1.185 ug/L
RT: 4.716 min Scan# 1048
Delta R.T. 0.007 min
Lab File: VU048395.D
Acq: 03 May 2022 17:06

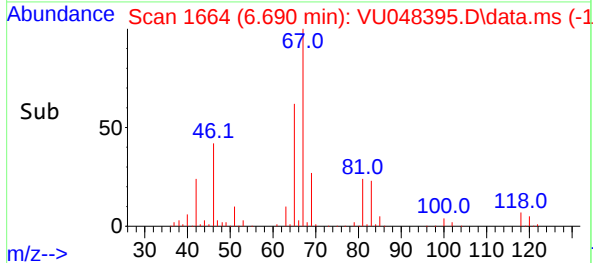
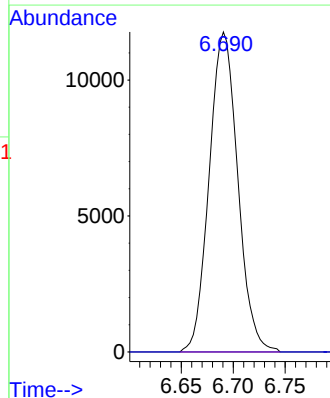
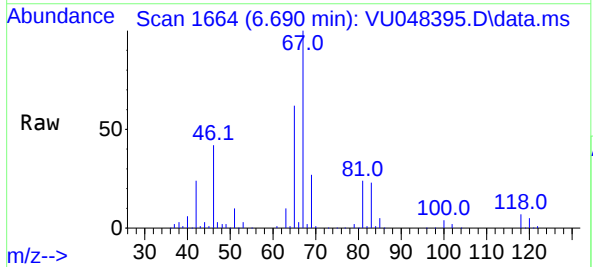
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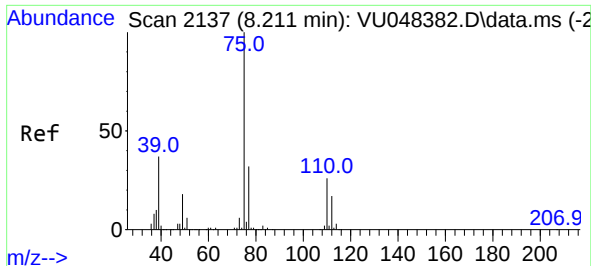
Tgt Ion: 43 Resp: 3561
Ion Ratio Lower Upper
43 100
72 16.2 14.6 43.8



#37
1,2-Dichloropropane
Concen: 6.517 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.103 min
Lab File: VU048395.D
Acq: 03 May 2022 17:06

Tgt Ion: 63 Resp: 22531
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

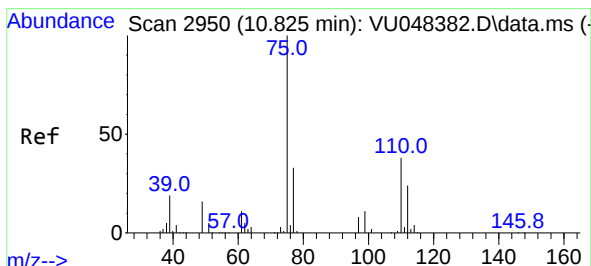
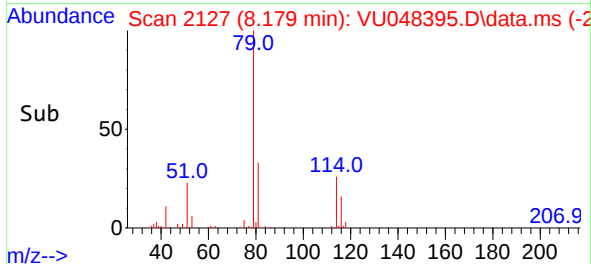
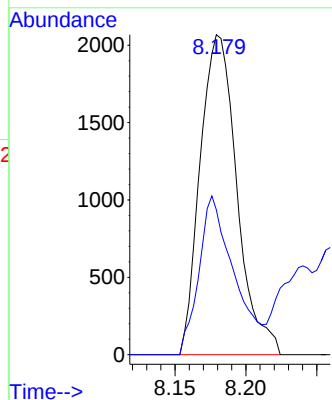
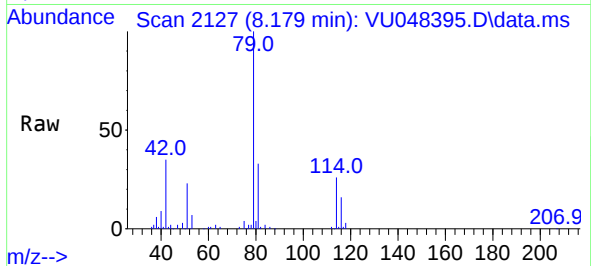




#44
trans-1,3-Dichloropropene
Concen: 0.786 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU048395.D
Acq: 03 May 2022 17:06

Instrument :
MSVOA_U
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Tgt Ion: 75 Resp: 3731
Ion Ratio Lower Upper
75 100
77 45.3 22.1 41.1#



#60
1,2,3-Trichloropropane
Concen: 4.362 ug/L
RT: 11.812 min Scan# 3257
Delta R.T. 0.987 min
Lab File: VU048395.D
Acq: 03 May 2022 17:06

Tgt Ion: 75 Resp: 19497
Ion Ratio Lower Upper
75 100
77 31.3 25.8 38.8
110 2.6 29.9 44.9#

