

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051421\
 Data File : VU043749.D
 Acq On : 14 May 2021 12:26
 Operator : SY/MD
 Sample : M2320-11
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 14 14:43:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051421WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 14 04:42:41 2021
 Response via : Initial Calibration

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

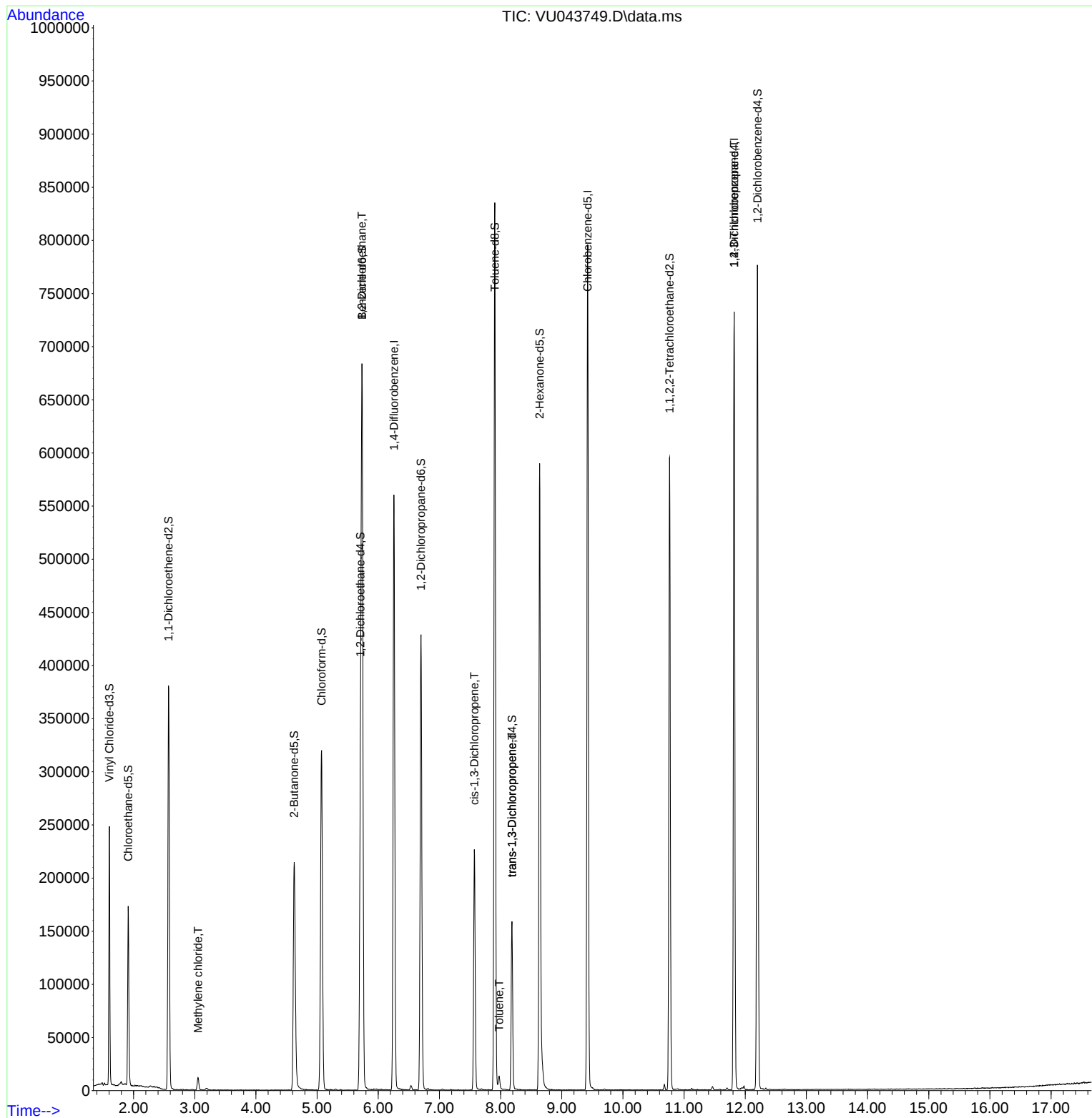
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	453877	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	439613	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	202032	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	168227	44.76	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.52%		
7) Chloroethane-d5	1.912	69	126375	46.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.54%		
11) 1,1-Dichloroethene-d2	2.571	63	221895	34.68	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.36%		
21) 2-Butanone-d5	4.626	46	309275	105.21	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	105.21%		
24) Chloroform-d	5.073	84	299868	47.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.06%		
26) 1,2-Dichloroethane-d4	5.710	65	195401	49.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.86%		
32) Benzene-d6	5.735	84	638276	48.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.98%		
36) 1,2-Dichloropropane-d6	6.700	67	210396	49.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.02%		
41) Toluene-d8	7.906	98	550507	46.96	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.92%		
43) trans-1,3-Dichloroprop...	8.185	79	88034	47.38	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.76%		
47) 2-Hexanone-d5	8.639	63	198713	97.65	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.65%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	304259	47.31	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	94.62%		
66) 1,2-Dichlorobenzene-d4	12.201	152	210955	52.91	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.82%		
Target Compounds						Qvalue
16) Methylene chloride	3.054	84	5605	1.14	ug/L	95
27) 1,2-Dichloroethane	5.732	62	3074	0.61	ug/L #	74
39) cis-1,3-Dichloropropene	7.571	75	4838	0.87	ug/L #	68
42) Toluene	7.976	91	8176	0.53	ug/L	99
44) trans-1,3-Dichloropropene	8.185	75	3398	0.65	ug/L #	75
60) 1,2,3-Trichloropropane	11.819	75	21899	4.64	ug/L #	69

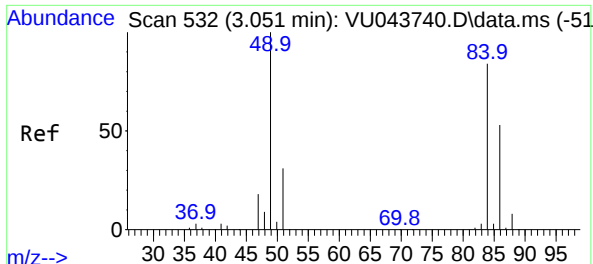
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
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Quant Title : VOC Analysis
QLast Update : Fri May 14 04:42:41 2021
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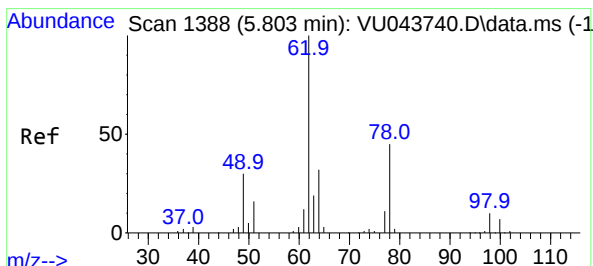
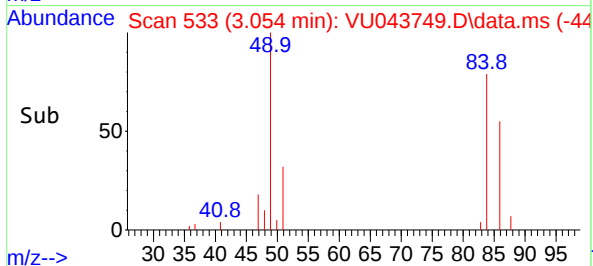
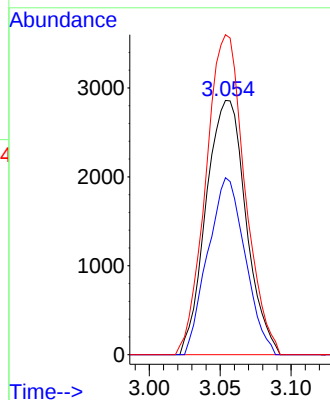
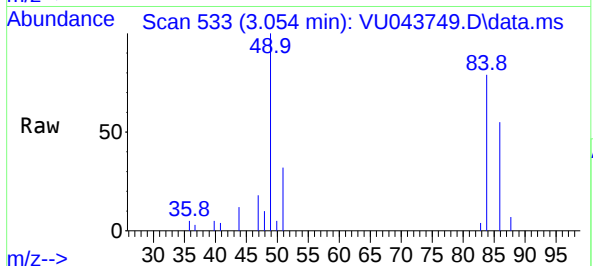




#16
Methylene chloride
Concen: 1.14 ug/L
RT: 3.054 min Scan# 533
Delta R.T. -0.000 min
Lab File: VU043749.D
Acq: 14 May 2021 12:26

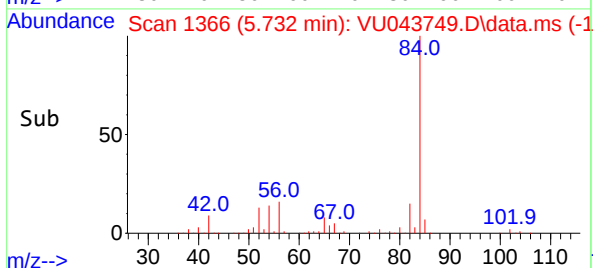
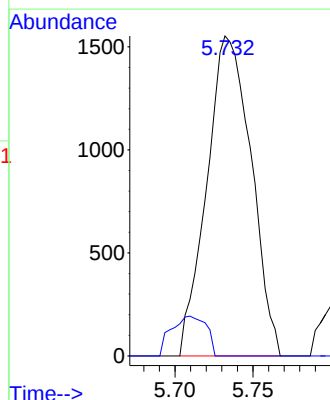
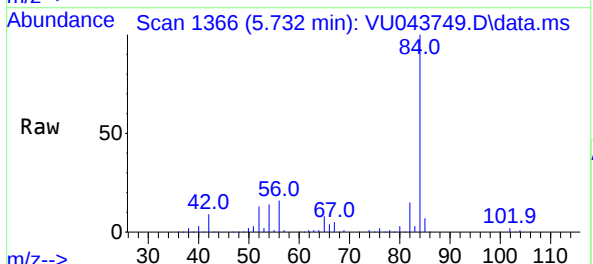
Instrument :
MSVOA_U
ClientSampleId :

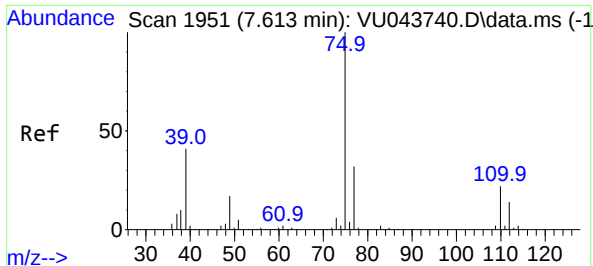
Tgt Ion: 84 Resp: 5605
Ion Ratio Lower Upper
84 100
86 69.6 44.9 83.5
49 125.9 84.9 157.7



#27
1,2-Dichloroethane
Concen: 0.61 ug/L
RT: 5.732 min Scan# 1366
Delta R.T. -0.071 min
Lab File: VU043749.D
Acq: 14 May 2021 12:26

Tgt Ion: 62 Resp: 3074
Ion Ratio Lower Upper
62 100
98 0.0 7.6 11.4#



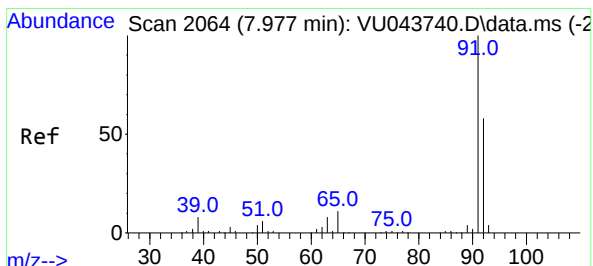
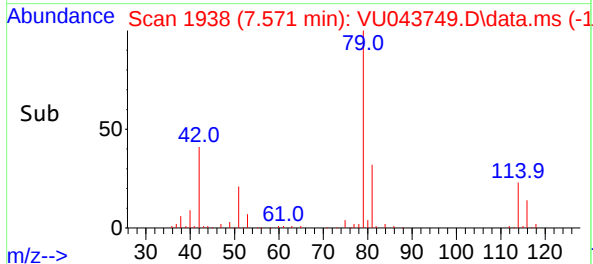
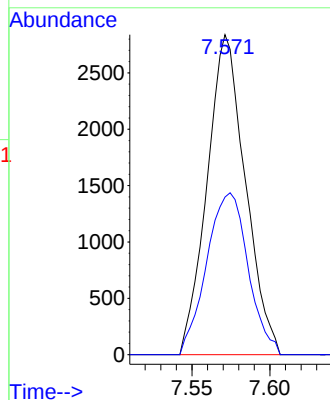
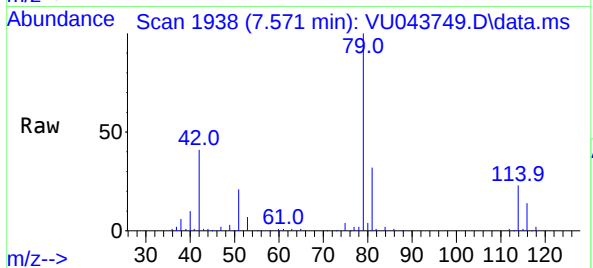


#39

cis-1,3-Dichloropropene
Concen: 0.87 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU043749.D
Acq: 14 May 2021 12:26

Instrument :
MSVOA_U
ClientSampled :

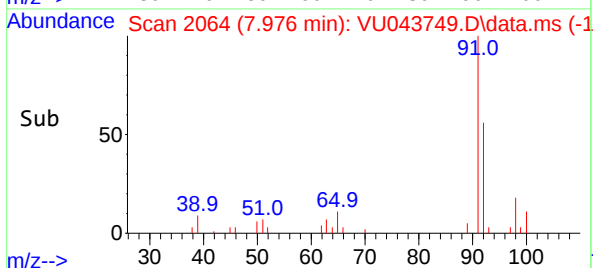
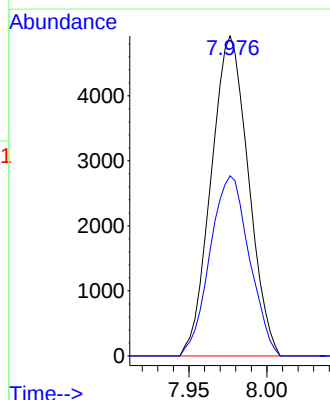
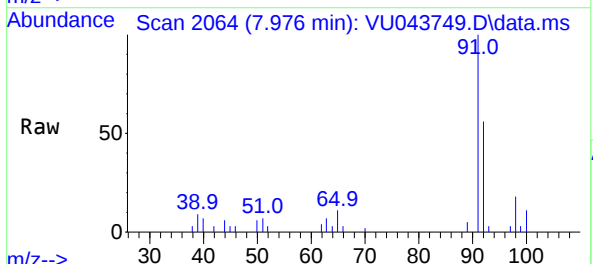
Tgt Ion: 75 Resp: 4838
Ion Ratio Lower Upper
75 100
77 49.2 22.0 41.0#

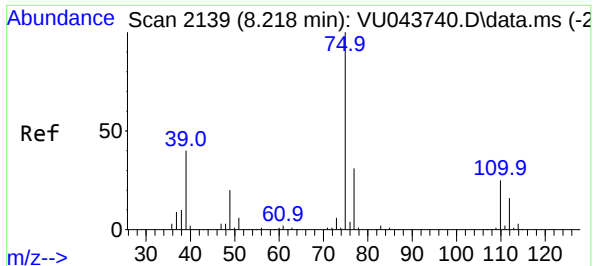


#42

Toluene
Concen: 0.53 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043749.D
Acq: 14 May 2021 12:26

Tgt Ion: 91 Resp: 8176
Ion Ratio Lower Upper
91 100
92 56.3 39.7 73.7

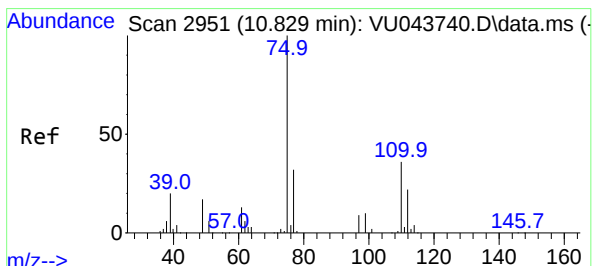
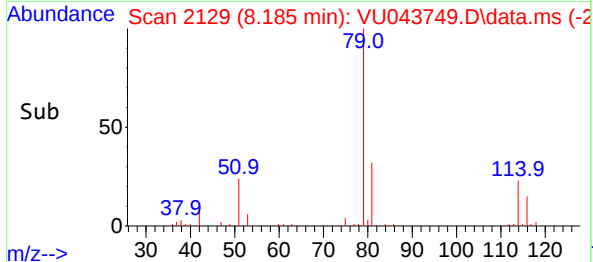
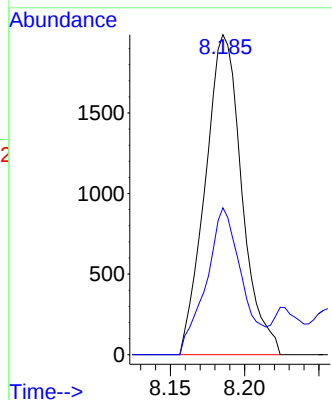
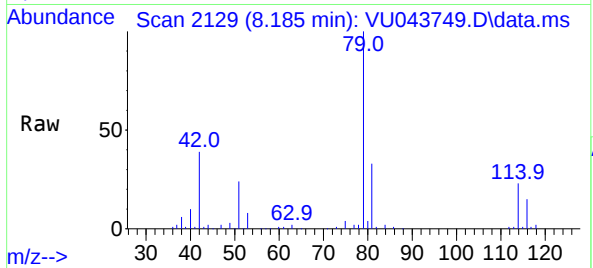




#44
trans-1,3-Dichloropropene
Concen: 0.65 ug/L
RT: 8.185 min Scan# 2129
Delta R.T. -0.032 min
Lab File: VU043749.D
Acq: 14 May 2021 12:26

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 75 Resp: 3398
Ion Ratio Lower Upper
75 100
77 45.9 22.4 41.6#



#60
1,2,3-Trichloropropane
Concen: 4.64 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.990 min
Lab File: VU043749.D
Acq: 14 May 2021 12:26

Tgt Ion: 75 Resp: 21899
Ion Ratio Lower Upper
75 100
77 31.8 25.8 38.6
110 2.2 28.9 43.3#

