

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032824\
 Data File : VV034887.D
 Acq On : 28 Mar 2024 15:34
 Operator : SY/MD
 Sample : P1886-22
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 29 00:25:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 29 00:23:40 2024
 Response via : Initial Calibration

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

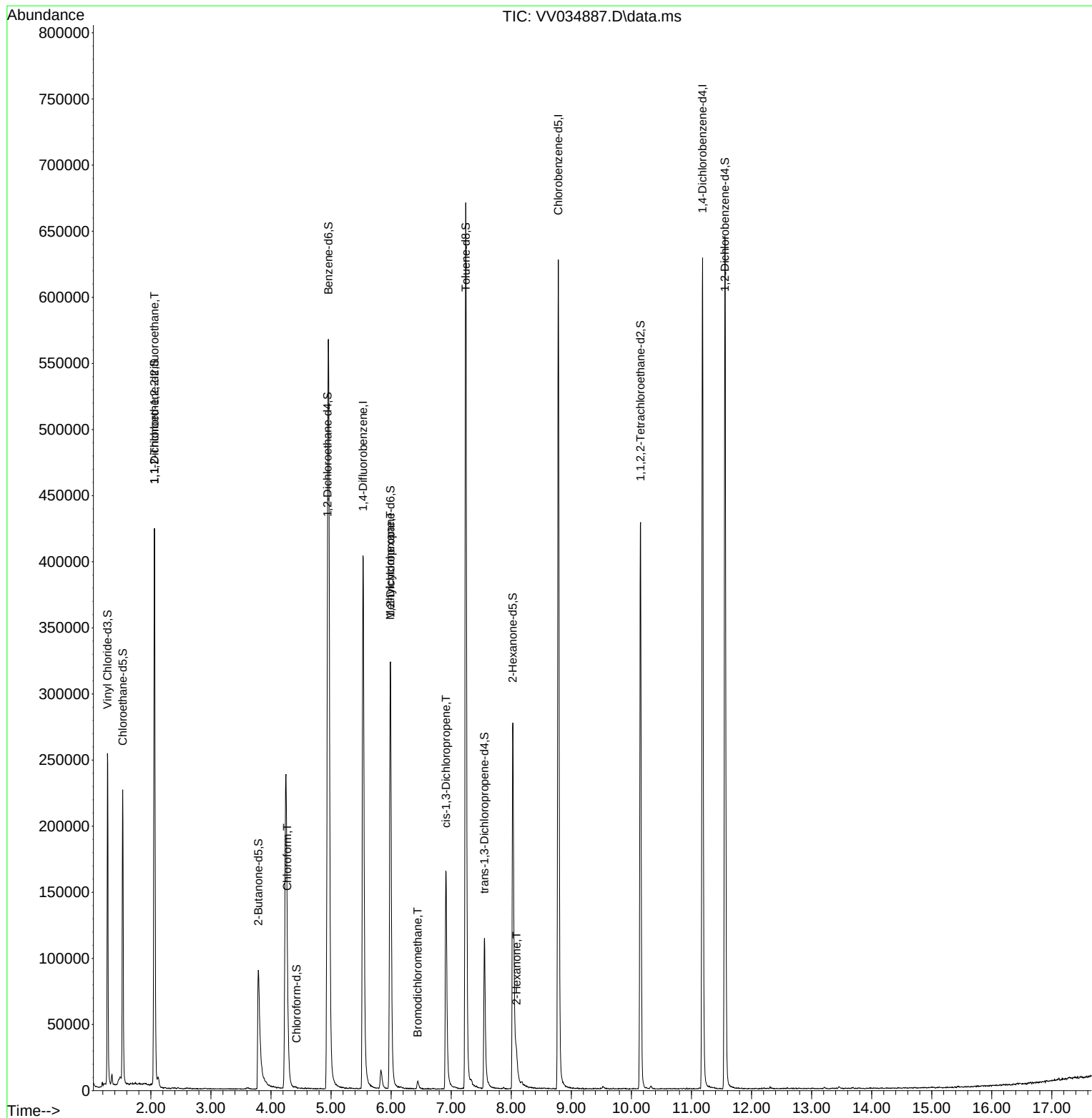
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	355355	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	348030	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	161485	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	160872	46.876	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	93.760%		
7) Chloroethane-d5	1.532	69	140474	47.126	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.260%		
11) 1,1-Dichloroethene-d2	2.059	65	72752	48.361	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.720%		
21) 2-Butanone-d5	3.789	46	156174	76.730	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	76.730%		
24) Chloroform-d	4.426	84	189	0.033	ug/L	0.18
Spiked Amount 50.000	Range 70 - 125		Recovery =	0.060%#		
26) 1,2-Dichloroethane-d4	4.940	65	159927	43.656	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.320%		
32) Benzene-d6	4.956	84	526467	45.034	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.060%		
36) 1,2-Dichloropropane-d6	5.989	67	162905	43.882	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.760%		
41) Toluene-d8	7.243	98	461065	43.793	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.580%		
43) trans-1,3-Dichloroprop...	7.554	79	70591	39.115	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.220%		
47) 2-Hexanone-d5	8.024	63	98392	70.102	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	70.100%		
56) 1,1,2,2-Tetrachloroeth...	10.149	84	208643	40.813	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	81.620%		
66) 1,2-Dichlorobenzene-d4	11.557	152	165287	45.588	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.180%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.059	101	2122	0.761	ug/L #	22
25) Chloroform	4.272	83	27336	5.229	ug/L	97
35) Methylcyclohexane	5.985	83	37539	8.116	ug/L #	20
38) Bromodichloromethane	6.442	83	4582	1.132	ug/L	98
39) cis-1,3-Dichloropropene	6.915	75	4503	0.911	ug/L #	64
48) 2-Hexanone	8.088	43	16206	4.759	ug/L #	92

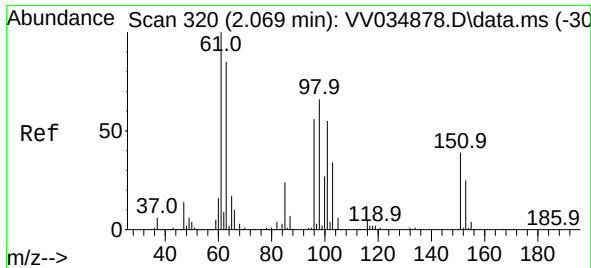
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Mar 29 00:23:40 2024
Response via : Initial Calibration

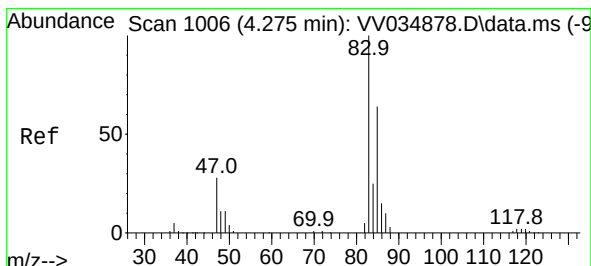
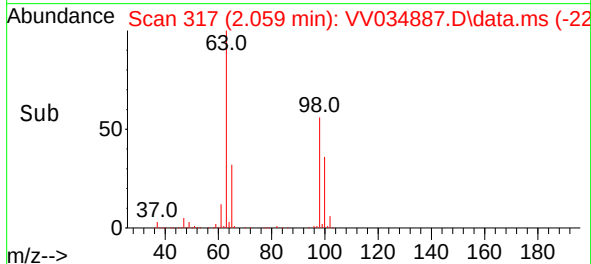
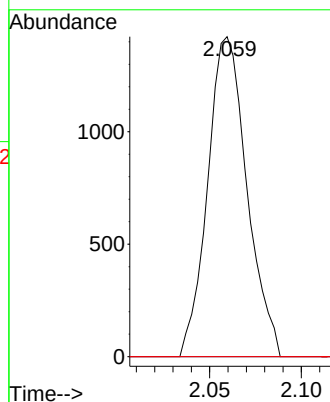
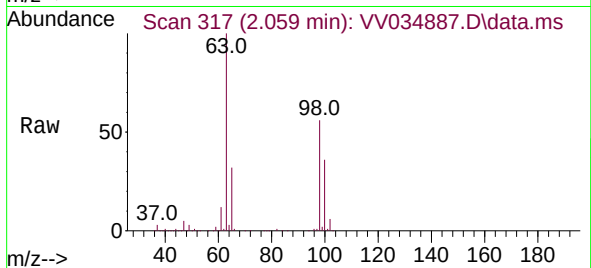




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.761 ug/L
RT: 2.059 min Scan# 317
Delta R.T. -0.010 min
Lab File: VV034887.D
Acq: 28 Mar 2024 15:34

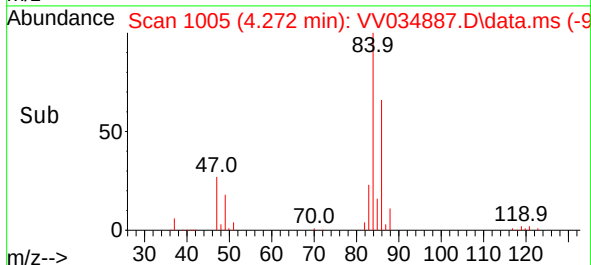
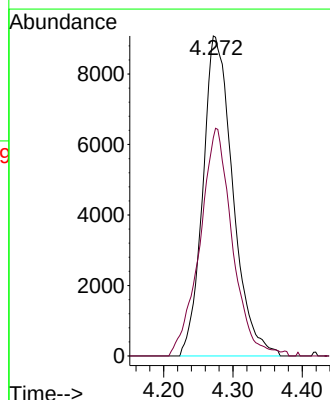
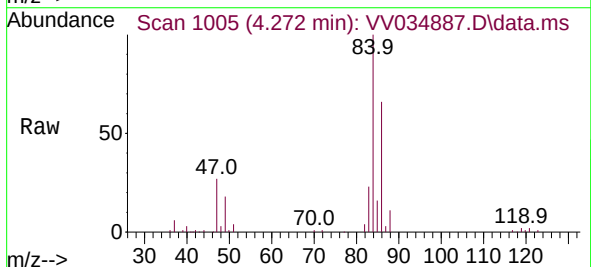
Instrument :
MSVOA_V
ClientSampleId :

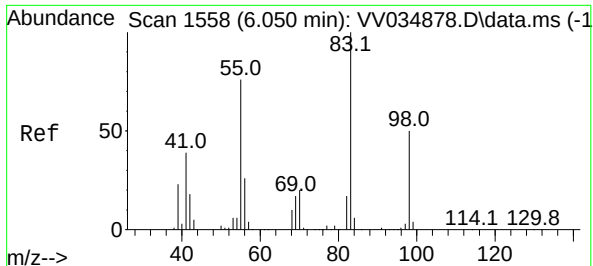
Tgt Ion:101 Resp: 2122
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 55.0 82.4#



#25
Chloroform
Concen: 5.229 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. -0.003 min
Lab File: VV034887.D
Acq: 28 Mar 2024 15:34

Tgt Ion: 83 Resp: 27336
Ion Ratio Lower Upper
83 100
85 68.2 46.0 85.4





#35

Methylcyclohexane

Concen: 8.116 ug/L

RT: 5.985 min Scan# 1

Delta R.T. -0.064 min

Lab File: VV034887.D

Acq: 28 Mar 2024 15:34

Instrument :

MSVOA_V

ClientSampleId :

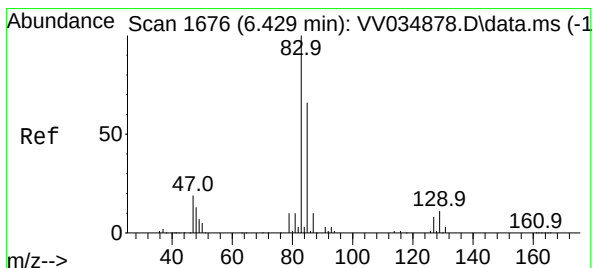
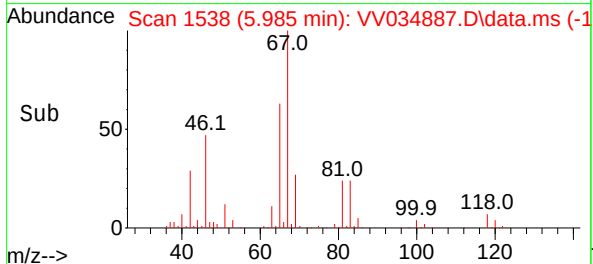
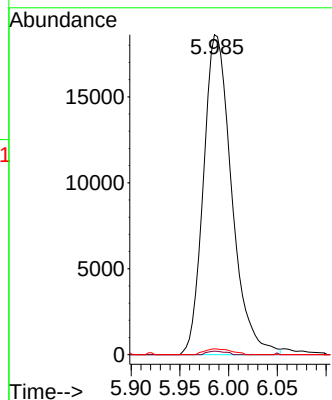
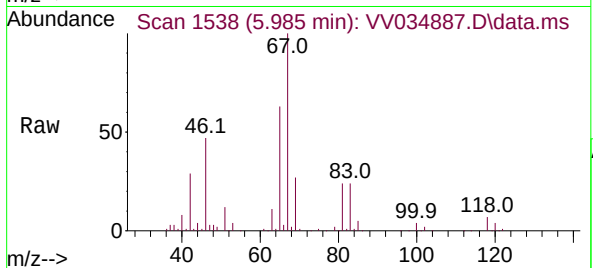
Tgt Ion: 83 Resp: 37539

Ion Ratio Lower Upper

83 100

55 0.7 60.0 90.0#

98 1.7 37.6 56.4#



#38

Bromodichloromethane

Concen: 1.132 ug/L

RT: 6.442 min Scan# 1680

Delta R.T. 0.013 min

Lab File: VV034887.D

Acq: 28 Mar 2024 15:34

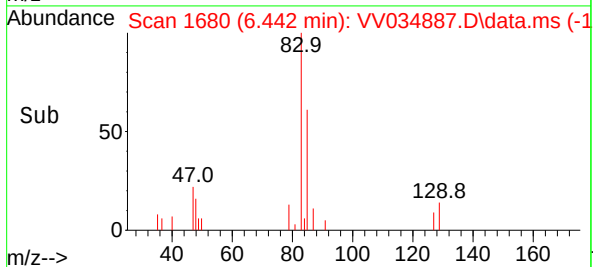
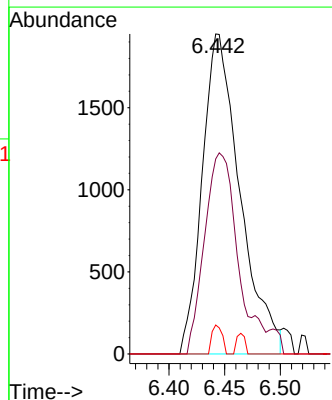
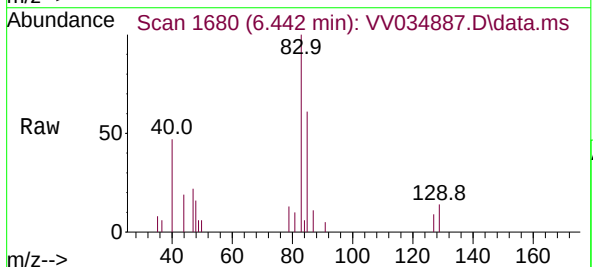
Tgt Ion: 83 Resp: 4582

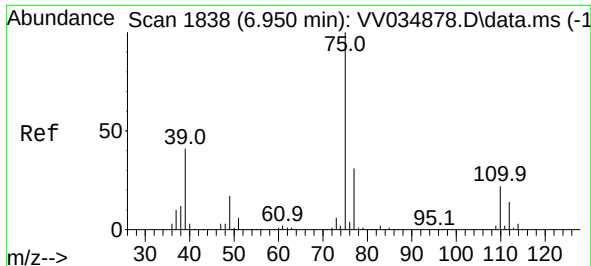
Ion Ratio Lower Upper

83 100

85 61.0 43.7 81.1

127 9.1 6.4 9.6





#39

cis-1,3-Dichloropropene

Concen: 0.911 ug/L

RT: 6.915 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV034887.D

Acq: 28 Mar 2024 15:34

Instrument :

MSVOA_V

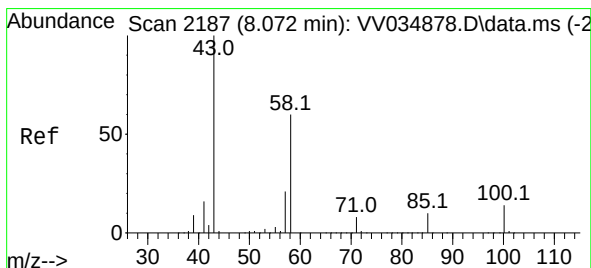
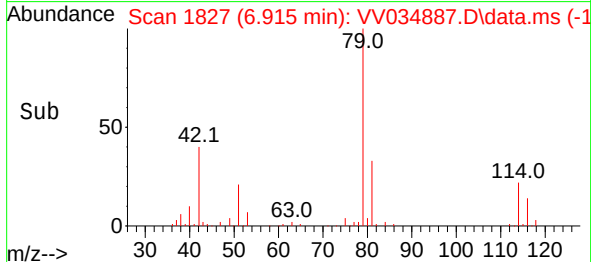
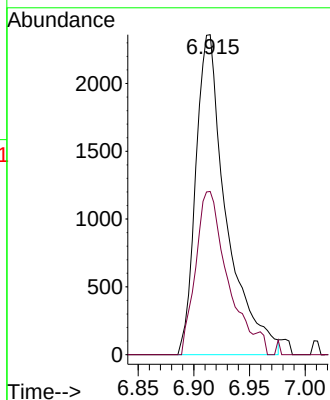
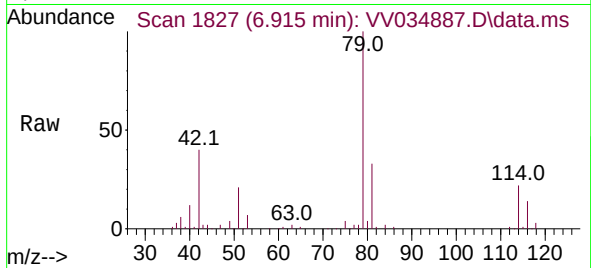
ClientSampleId :

Tgt Ion: 75 Resp: 4503

Ion Ratio Lower Upper

75 100

77 51.0 21.9 40.7#



#48

2-Hexanone

Concen: 4.759 ug/L

RT: 8.088 min Scan# 2192

Delta R.T. 0.016 min

Lab File: VV034887.D

Acq: 28 Mar 2024 15:34

Tgt Ion: 43 Resp: 16206

Ion Ratio Lower Upper

43 100

58 52.9 45.4 68.2

57 12.3 16.2 24.4#

100 11.2 10.1 15.1

