

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083122\
 Data File : VU050551.D
 Acq On : 31 Aug 2022 16:09
 Operator : SY/MD
 Sample : N4440-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0ZK1

Quant Time: Sep 01 05:17:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM083022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 01 05:15:29 2022
 Response via : Initial Calibration

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

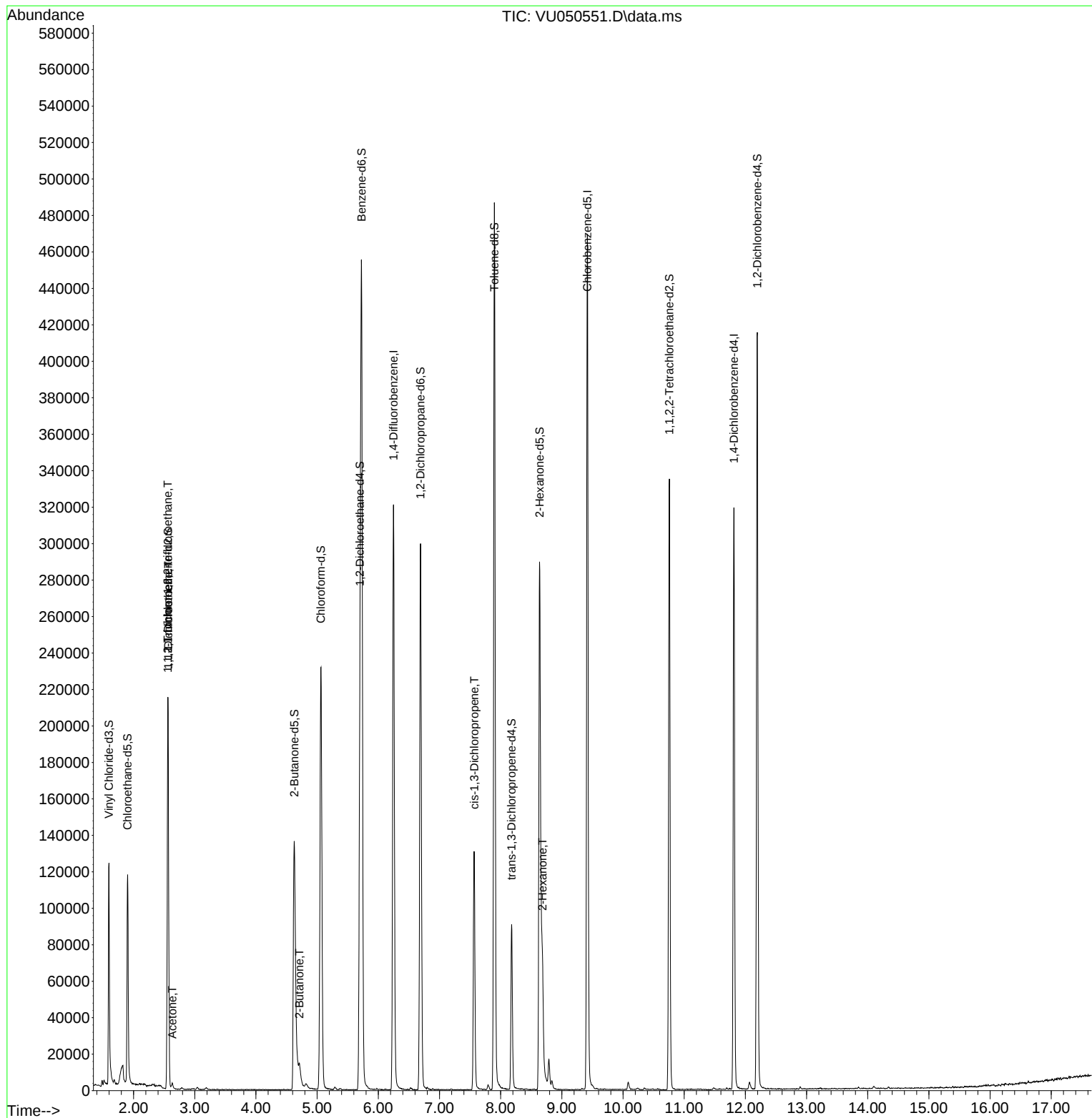
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	262928	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	263124	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	86031	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	100643	49.908	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	99.820%	
7) Chloroethane-d5	1.903	69	88904	56.547	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	113.100%	
11) 1,1-Dichloroethene-d2	2.562	63	126419	37.130	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	74.260%	
21) 2-Butanone-d5	4.626	46	208091	117.990	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	117.990%	
24) Chloroform-d	5.060	84	212178	54.075	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	108.140%	
26) 1,2-Dichloroethane-d4	5.700	65	143888	56.454	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	112.900%	
32) Benzene-d6	5.726	84	425506	52.175	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	104.360%	
36) 1,2-Dichloropropane-d6	6.690	67	148437	54.664	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	109.320%	
41) Toluene-d8	7.896	98	335820	47.333	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	94.660%	
43) trans-1,3-Dichloroprop...	8.179	79	50847	46.560	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	93.120%	
47) 2-Hexanone-d5	8.636	63	85744	87.210	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	87.210%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	173097	40.868	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	81.740%	
66) 1,2-Dichlorobenzene-d4	12.195	152	110071	59.094	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	118.180%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.559	101	1285	0.741	ug/L #	20
12) 1,1-Dichloroethene	2.565	96	1018	0.562	ug/L #	1
13) Acetone	2.633	43	4020	2.934	ug/L	96
22) 2-Butanone	4.710	43	14174	6.689	ug/L	79
39) cis-1,3-Dichloropropene	7.568	75	3115	0.903	ug/L #	47
48) 2-Hexanone	8.684	43	35810	11.058	ug/L #	89

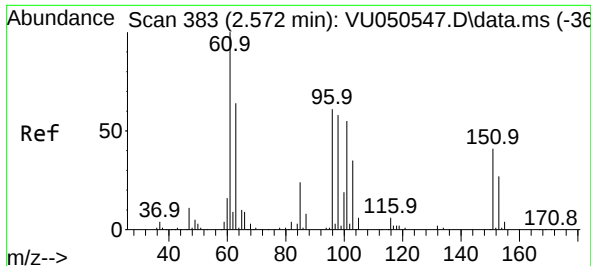
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 01 05:15:29 2022
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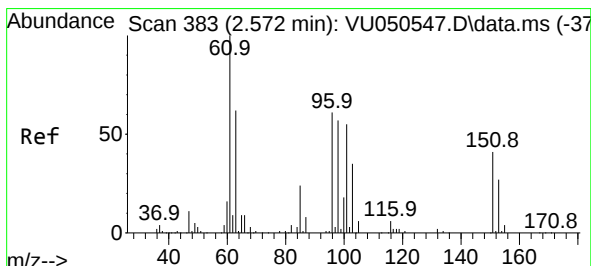
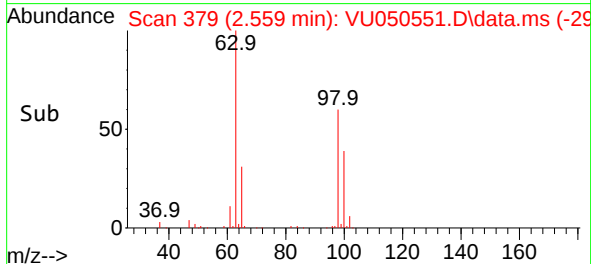
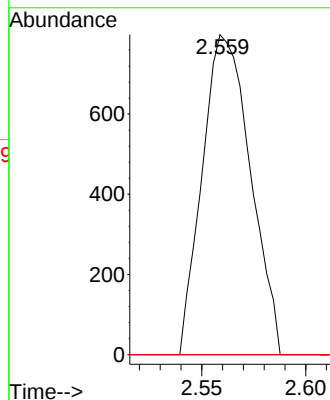
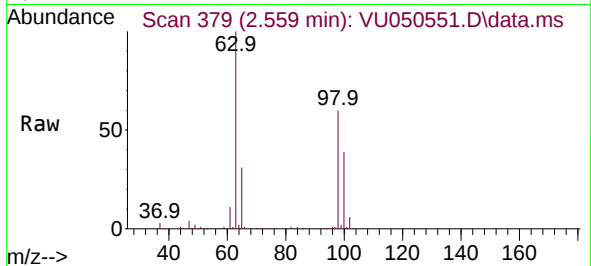




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.741 ug/L
RT: 2.559 min Scan# 31
Delta R.T. -0.013 min
Lab File: VU050551.D
Acq: 31 Aug 2022 16:09

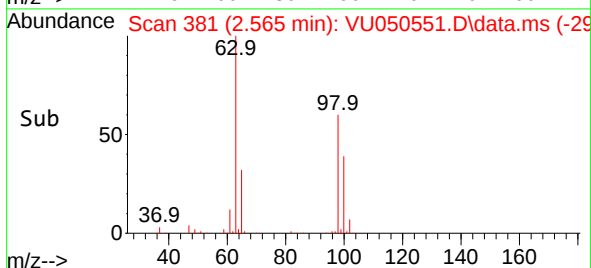
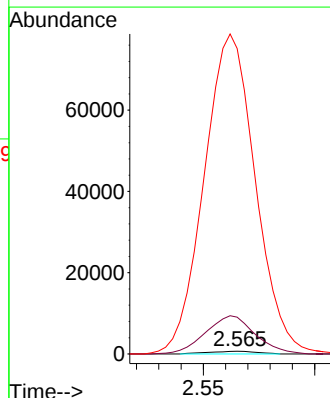
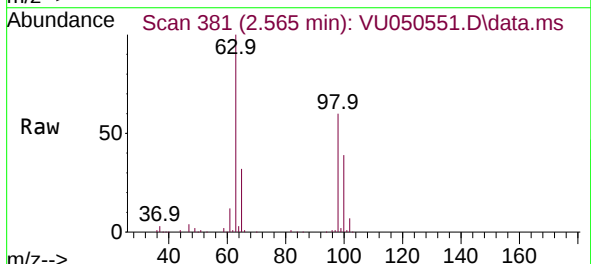
Instrument :
MSVOA_U
ClientSampleId :
C0ZK1

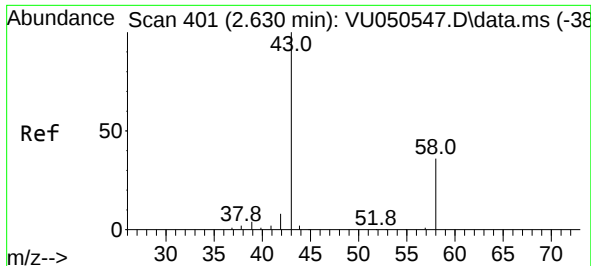
Tgt Ion:101 Resp: 1285
Ion Ratio Lower Upper
101 100
85 0.0 34.6 52.0#
151 0.0 58.2 87.2#



#12
1,1-Dichloroethene
Concen: 0.562 ug/L
RT: 2.565 min Scan# 381
Delta R.T. -0.006 min
Lab File: VU050551.D
Acq: 31 Aug 2022 16:09

Tgt Ion: 96 Resp: 1018
Ion Ratio Lower Upper
96 100
61 1309.8 113.5 210.9#
63 10881.6 78.0 144.9#





#13

Acetone

Concen: 2.934 ug/L

RT: 2.633 min Scan# 401

Delta R.T. 0.003 min

Lab File: VU050551.D

Acq: 31 Aug 2022 16:09

Instrument :

MSVOA_U

ClientSampleId :

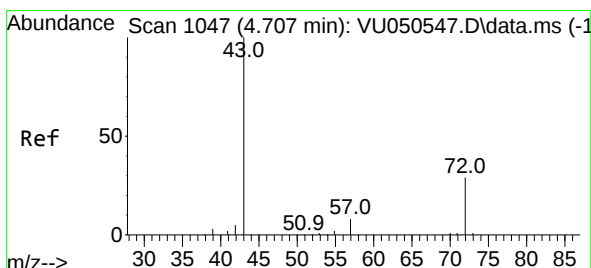
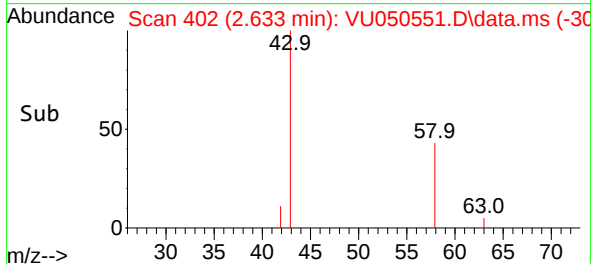
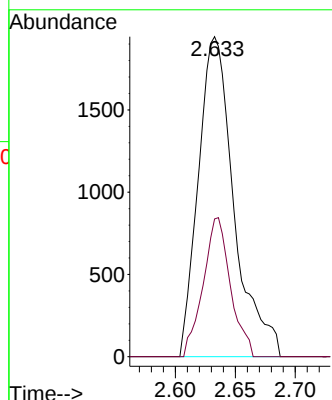
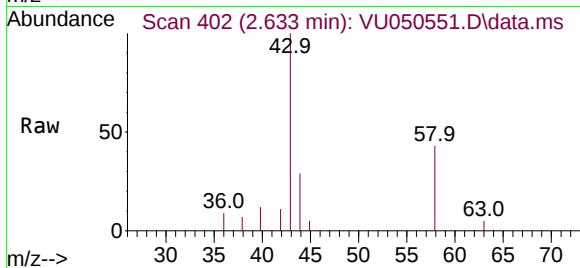
C0ZK1

Tgt Ion: 43 Resp: 4020

Ion Ratio Lower Upper

43 100

58 33.3 0.0 71.6



#22

2-Butanone

Concen: 6.689 ug/L

RT: 4.710 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU050551.D

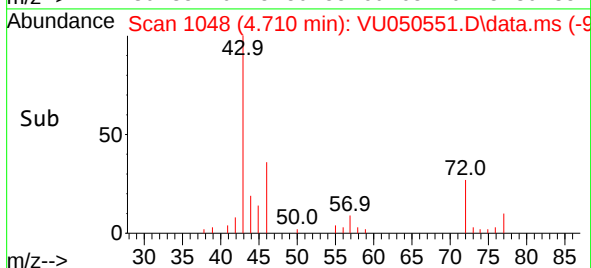
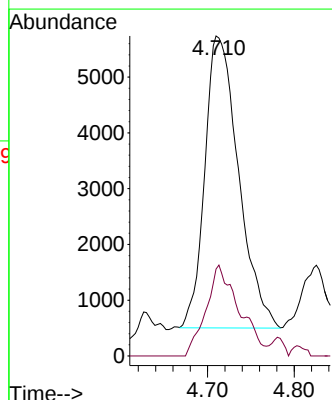
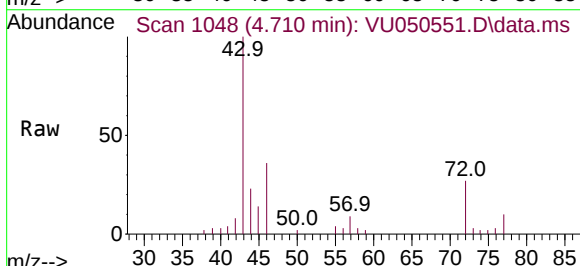
Acq: 31 Aug 2022 16:09

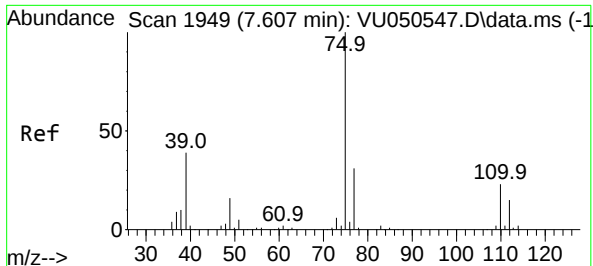
Tgt Ion: 43 Resp: 14174

Ion Ratio Lower Upper

43 100

72 18.4 14.8 44.3





#39

cis-1,3-Dichloropropene

Concen: 0.903 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU050551.D

Acq: 31 Aug 2022 16:09

Instrument :

MSVOA_U

ClientSampleId :

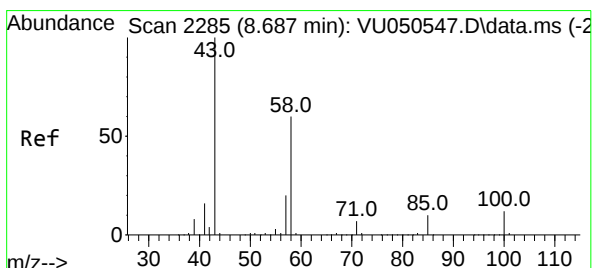
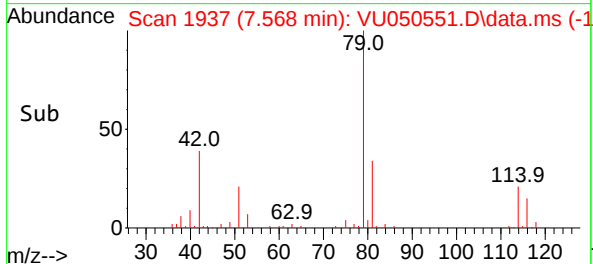
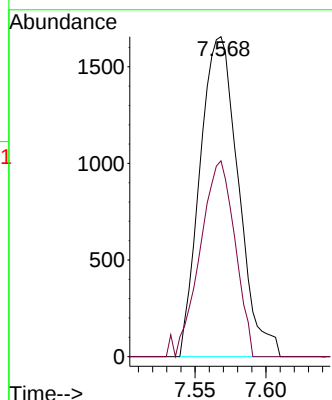
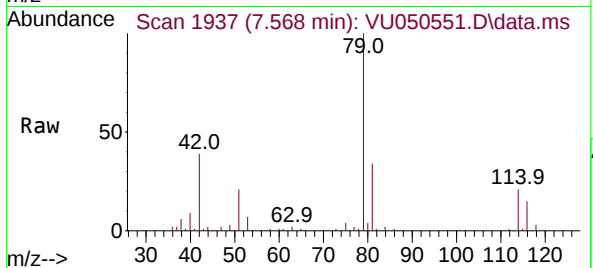
C0ZK1

Tgt Ion: 75 Resp: 3115

Ion Ratio Lower Upper

75 100

77 61.2 22.1 41.1#



#48

2-Hexanone

Concen: 11.058 ug/L

RT: 8.684 min Scan# 2284

Delta R.T. -0.003 min

Lab File: VU050551.D

Acq: 31 Aug 2022 16:09

Tgt Ion: 43 Resp: 35810

Ion Ratio Lower Upper

43 100

58 47.7 46.6 69.8

57 17.8 15.8 23.6

100 8.5 9.7 14.5#

