

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051321\
 Data File : VX021947.D
 Acq On : 12 May 2021 23:56
 Operator : JC/MD
 Sample : M2359-01 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 14B-1

Quant Time: May 13 06:28:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X051321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 13 06:11:35 2021
 Response via : Initial Calibration

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

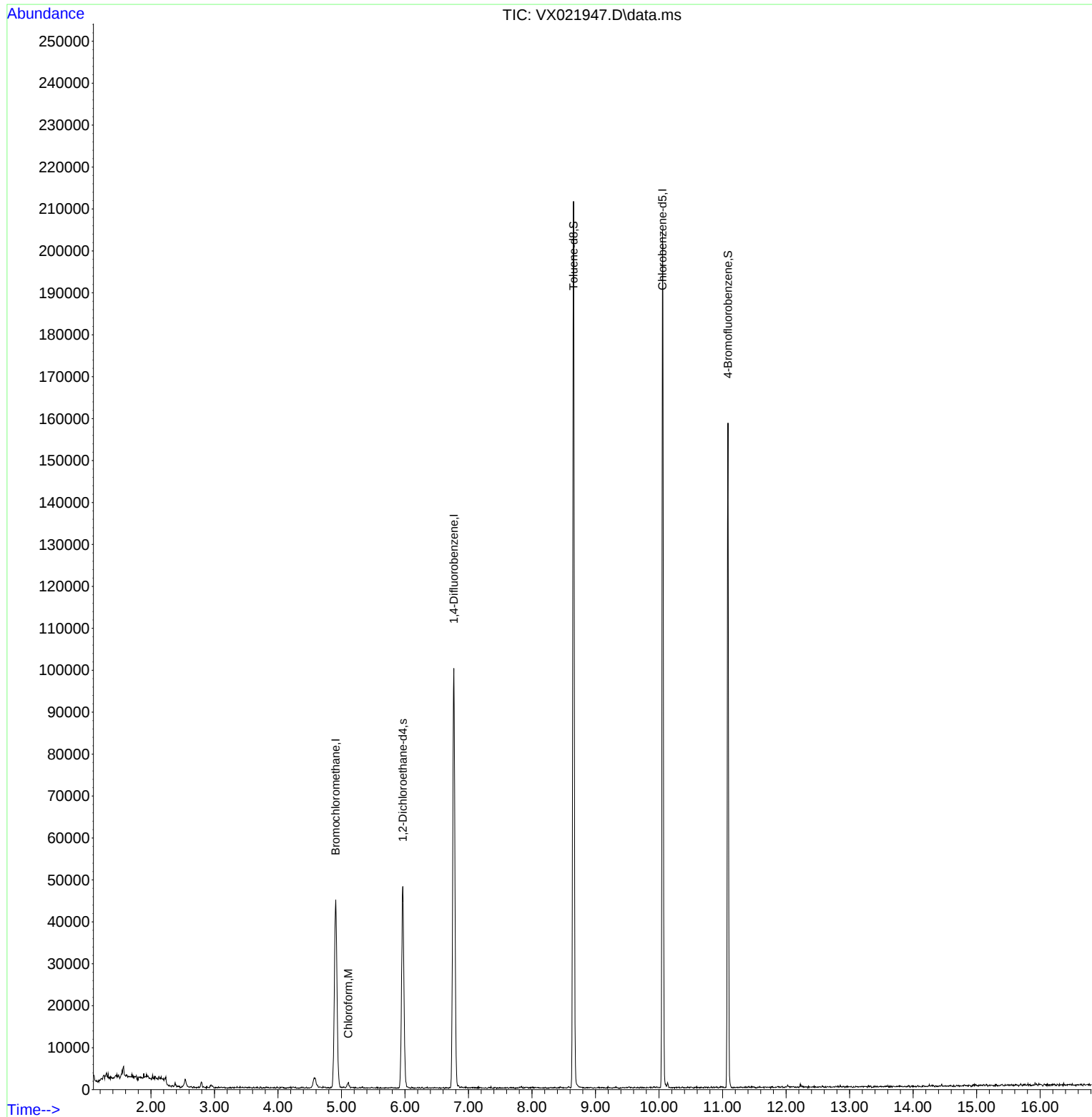
Internal Standards						
1) Bromochloromethane	4.910	128	18381	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.769	114	101323	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	90834	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.964	65	42412	29.96	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.87%
60) 4-Bromofluorobenzene	11.085	95	44450	29.49	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.30%
63) Toluene-d8	8.653	98	124181	29.92	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.73%
Target Compounds						
25) Chloroform	5.105	83	1364	0.62	ug/l	Qvalue 92

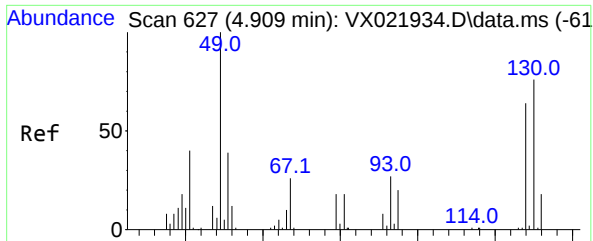
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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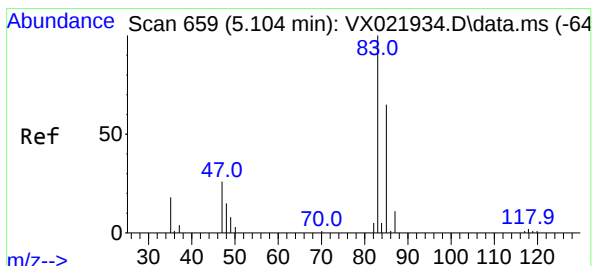
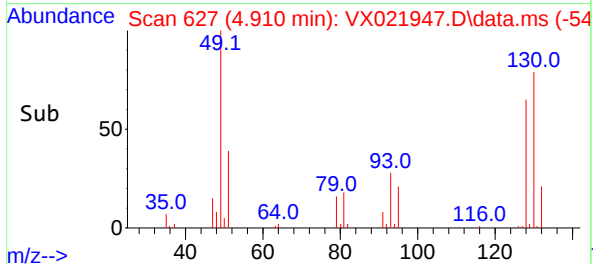
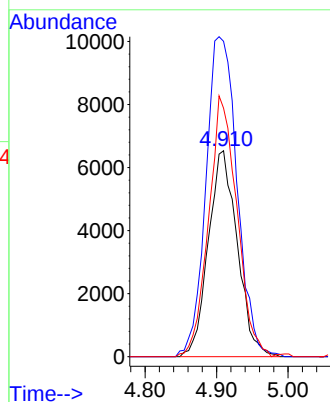
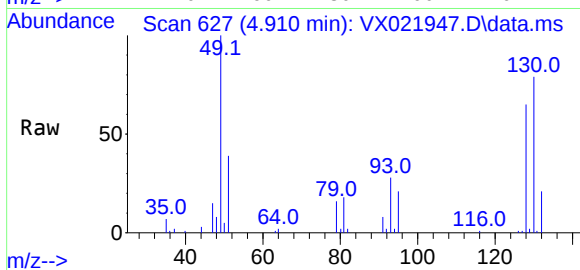




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 4.910 min Scan# 627
Delta R.T. 0.001 min
Lab File: VX021947.D
Acq: 12 May 2021 23:56

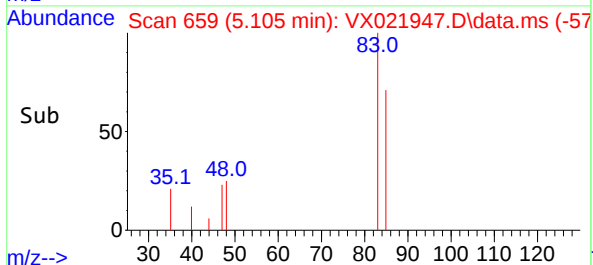
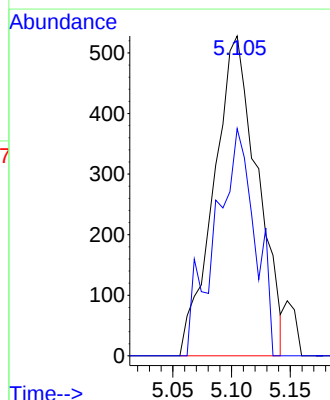
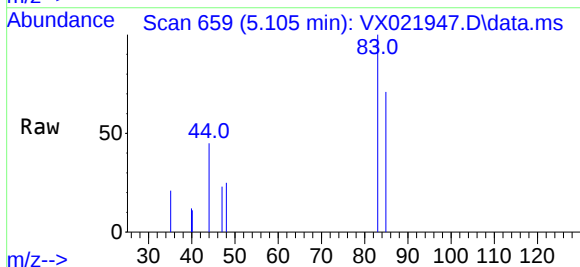
Instrument :
MSVOA_X
ClientSampled :
14B-1

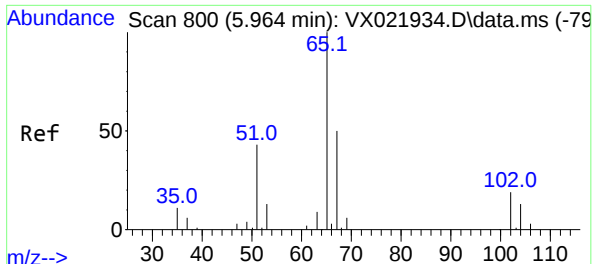
Tgt Ion:128 Resp: 18381
Ion Ratio Lower Upper
128 100
49 167.4 0.0 442.5
130 123.9 0.0 323.3



#25
Chloroform
Concen: 0.62 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.000 min
Lab File: VX021947.D
Acq: 12 May 2021 23:56

Tgt Ion: 83 Resp: 1364
Ion Ratio Lower Upper
83 100
85 71.0 51.9 77.9

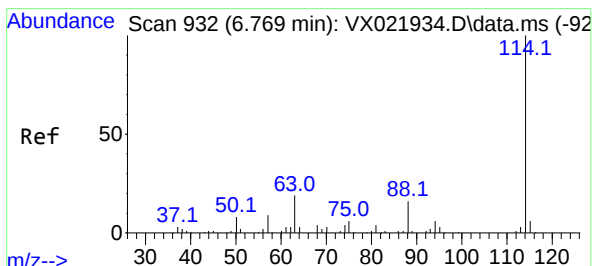
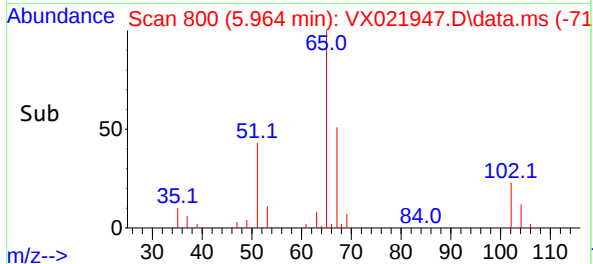
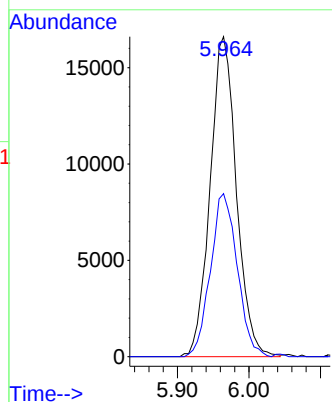
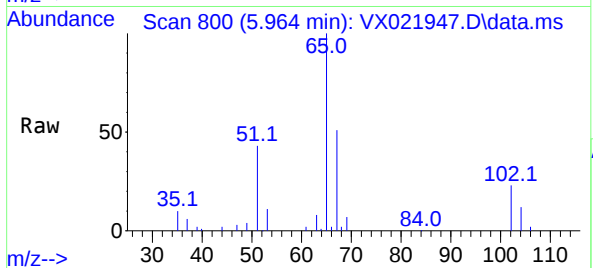




#27
1,2-Dichloroethane-d4
Concen: 29.96 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX021947.D
Acq: 12 May 2021 23:56

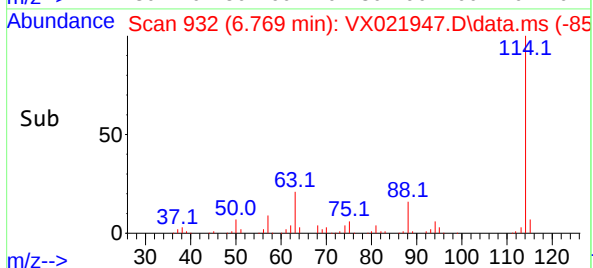
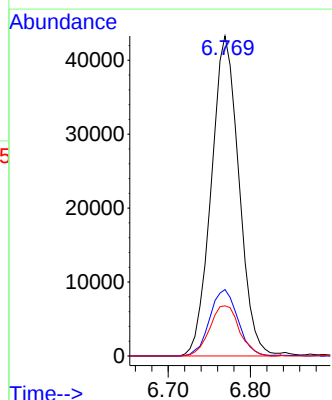
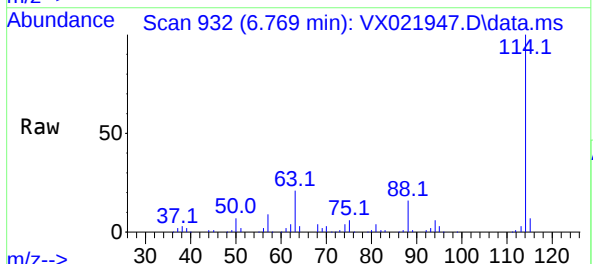
Instrument :
MSVOA_X
ClientSampled :
14B-1

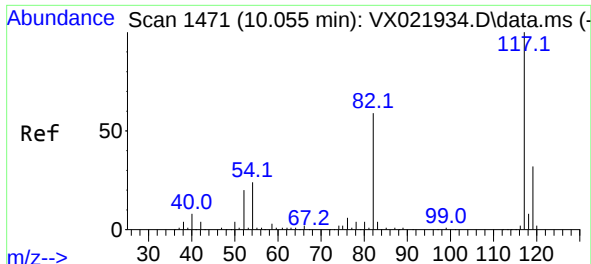
Tgt Ion: 65 Resp: 42412
Ion Ratio Lower Upper
65 100
67 51.9 41.5 62.3



#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX021947.D
Acq: 12 May 2021 23:56

Tgt Ion: 114 Resp: 101323
Ion Ratio Lower Upper
114 100
63 21.1 16.6 25.0
88 16.7 13.1 19.7

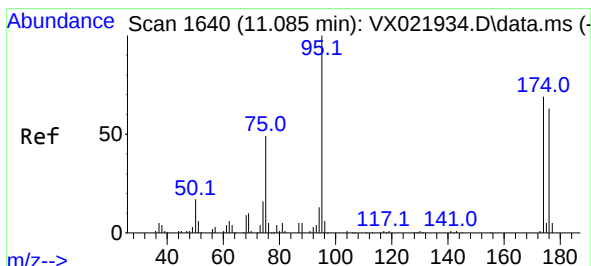
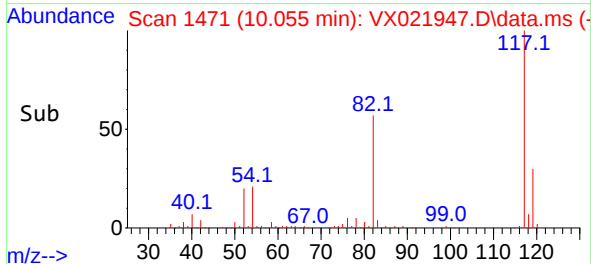
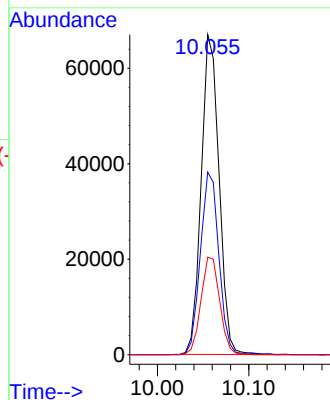
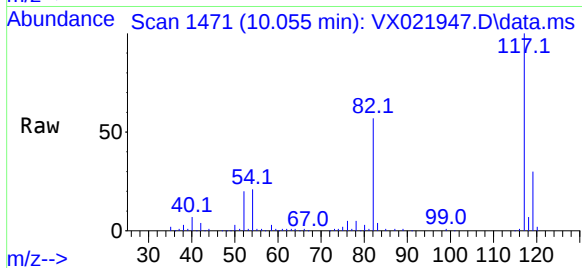




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX021947.D
Acq: 12 May 2021 23:56

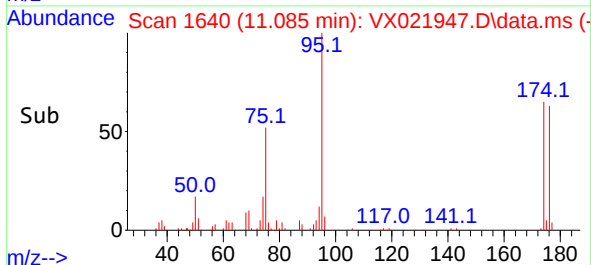
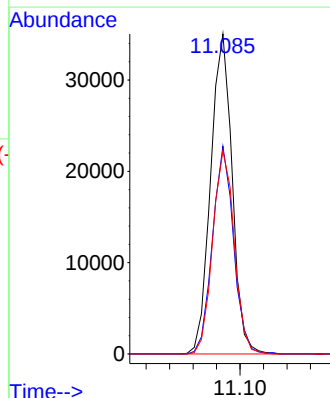
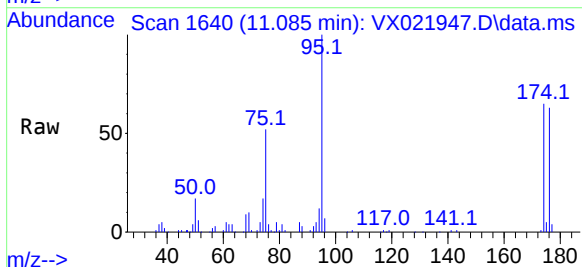
Instrument :
MSVOA_X
ClientSampled :
14B-1

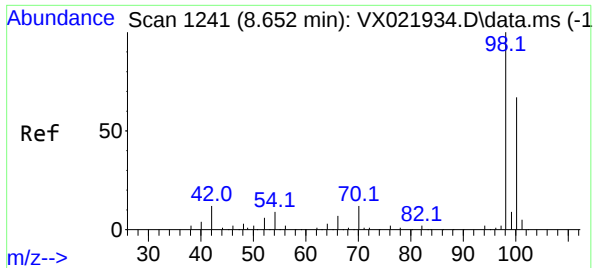
Tgt Ion:117 Resp: 90834
Ion Ratio Lower Upper
117 100
82 58.9 44.9 67.3
119 32.0 25.0 37.6



#60
4-Bromofluorobenzene
Concen: 29.49 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX021947.D
Acq: 12 May 2021 23:56

Tgt Ion: 95 Resp: 44450
Ion Ratio Lower Upper
95 100
174 63.9 52.2 78.2
176 63.7 49.3 73.9





#63
Toluene-d8
Concen: 29.92 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX021947.D
Acq: 12 May 2021 23:56

Instrument :
MSVOA_X
ClientSampleId :
14B-1

Tgt Ion: 98 Resp: 124181
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8

