

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082318\
 Data File : VU026301.D
 Acq On : 23 Aug 2018 16:14
 Operator : MD/SY
 Sample : J4601-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 24 01:17:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 01:14:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	285653	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	284139	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	134035	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	86919	49.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.78%
7) Chloroethane-d5	1.68	69	73612	51.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.62%
11) 1,1-Dichloroethene-d2	2.27	63	135815	39.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.32%
21) 2-Butanone-d5	4.18	46	147965	106.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.41%
24) Chloroform-d	4.65	84	198893	51.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.44%
26) 1,2-Dichloroethane-d4	5.31	65	130597	51.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.34%
32) Benzene-d6	5.35	84	381885	50.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.48%
36) 1,2-Dichloropropane-d6	6.33	67	128826	52.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.56%
41) Toluene-d8	7.57	98	351807	48.42	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.84%
43) trans-1,3-Dichloropropene-	7.85	79	60208	47.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.50%
47) 2-Hexanone-d5	8.31	63	103839	99.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.54%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	175750	48.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.30%
64) 1,2-Dichlorobenzene-d4	11.86	152	149745	52.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.30%

Target Compounds

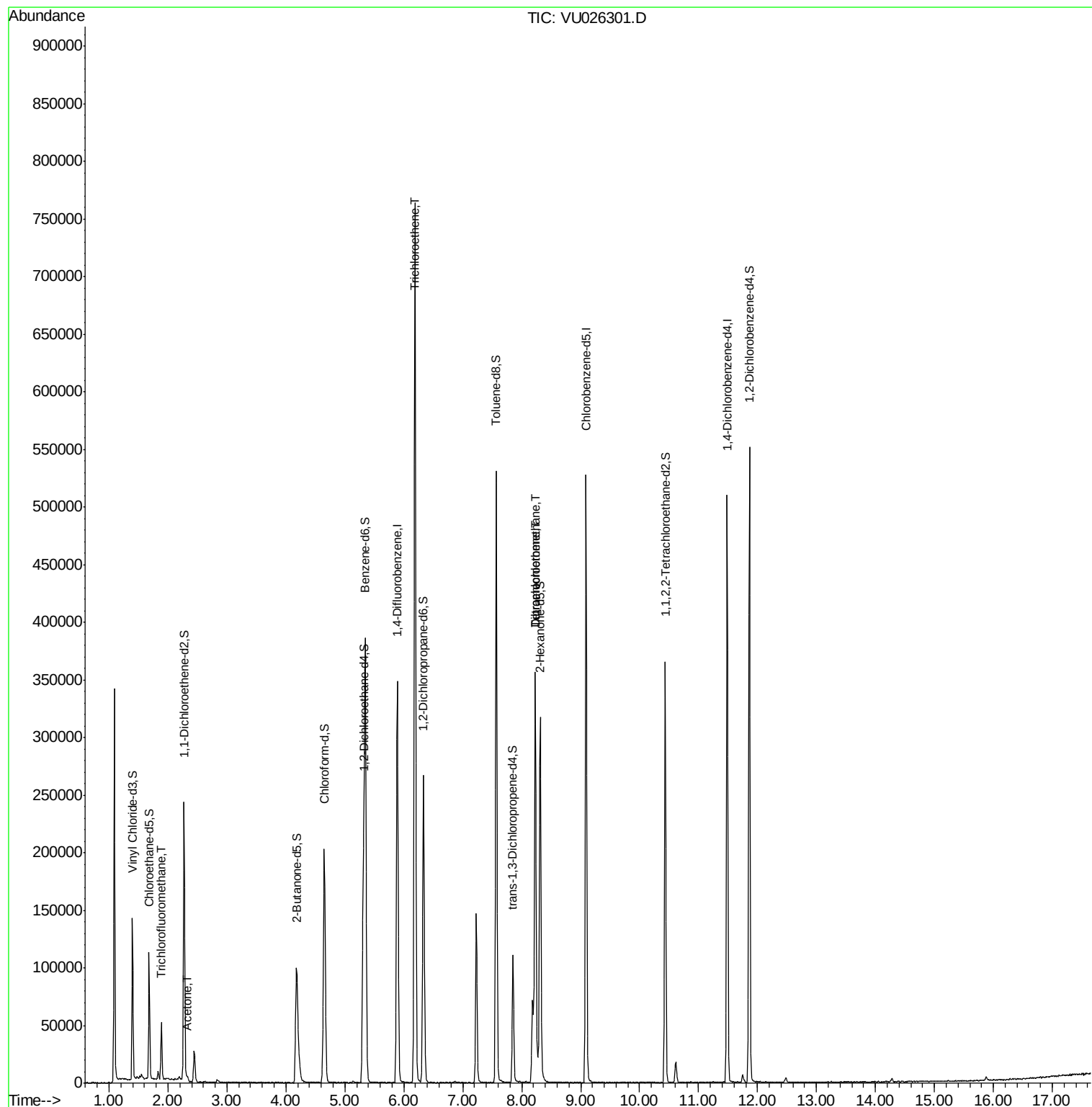
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.89	101	27846	9.436	ug/L	99
13) Acetone	2.32	43	2820	2.620	ug/L	92
34) Trichloroethene	6.19	95	260934	127.386	ug/L	98
46) Tetrachloroethene	8.23	164	75111	42.615	ug/L	99
49) Dibromochloromethane	8.23	129	71038	28.903	ug/L #	11

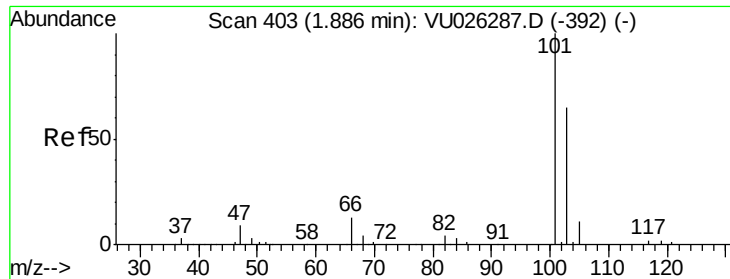
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU082318\
Data File : VU026301.D
Acq On : 23 Aug 2018 16:14
Operator : MD/SY
Sample : J4601-03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Aug 24 01:17:29 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 24 01:14:40 2018
Response via : Initial Calibration



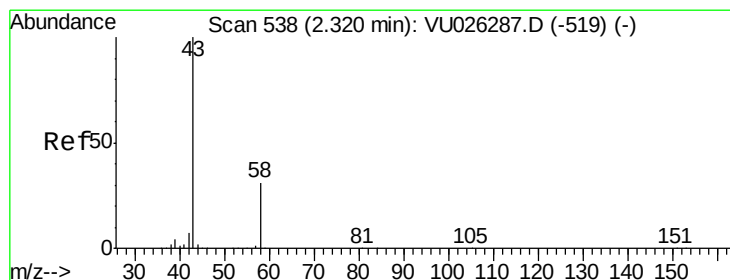
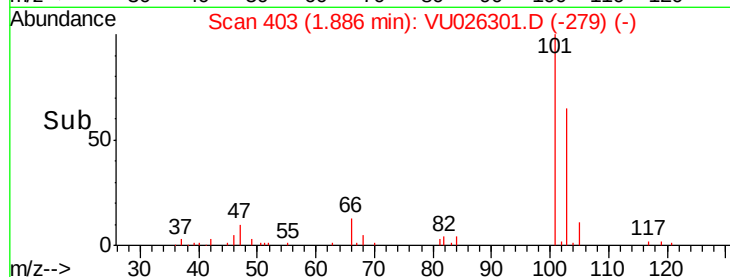
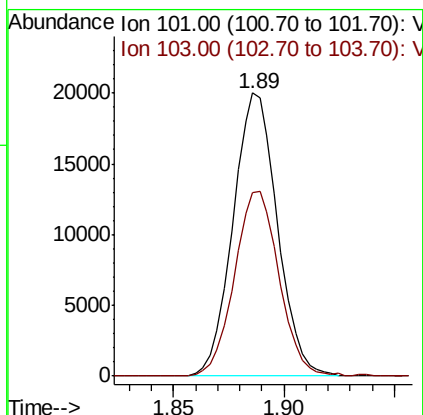
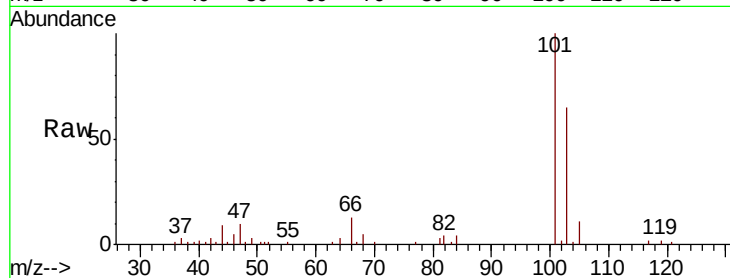


#9

Trichlorofluoromethane
 Concen: 9.436 ug/L
 RT: 1.89 min Scan# 403
 Delta R.T. -0.00 min
 Lab File: VU026301.D
 Acq: 23 Aug 2018 16:14

Instrument :
 MSVOA_U
 ClientSampled :

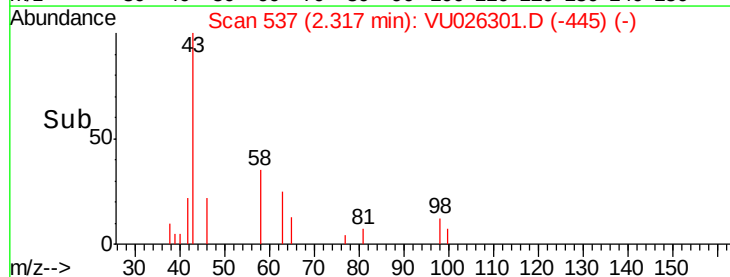
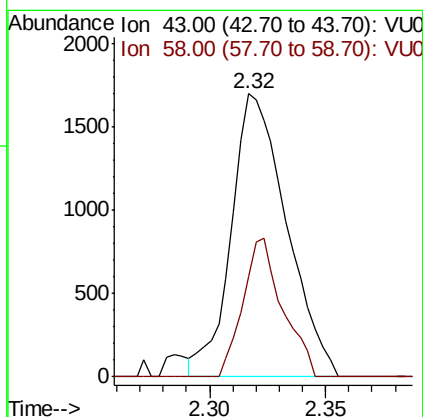
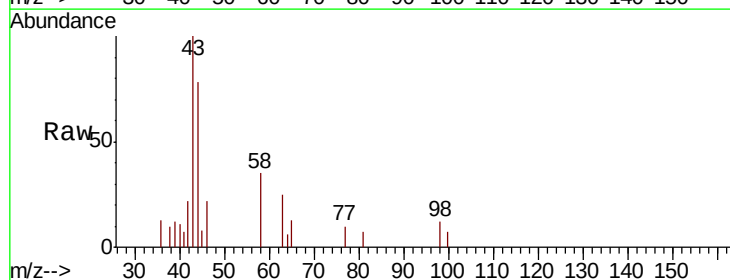
Tot Ion:101 Resp: 27846
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.7 77.5

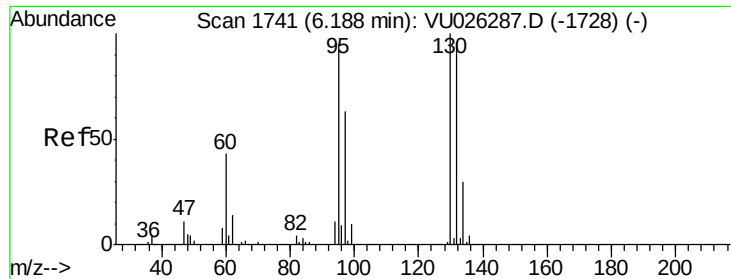


#13

Acetone
 Concen: 2.620 ug/L
 RT: 2.32 min Scan# 537
 Delta R.T. -0.00 min
 Lab File: VU026301.D
 Acq: 23 Aug 2018 16:14

Tgt Ion: 43 Resp: 2820
 Ion Ratio Lower Upper
 43 100
 58 35.1 0.0 61.2

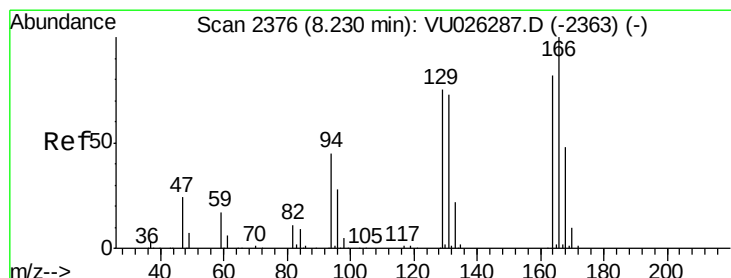
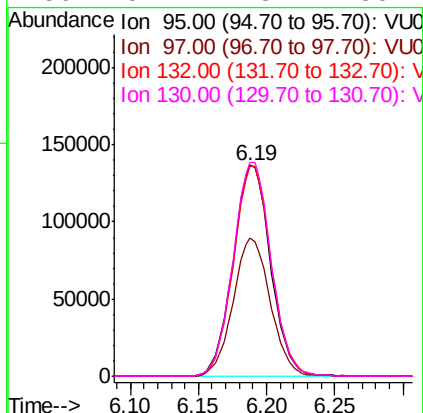
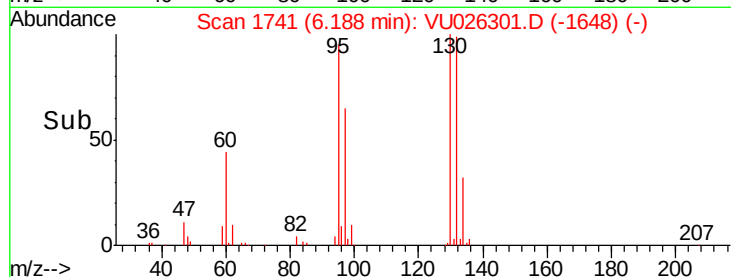
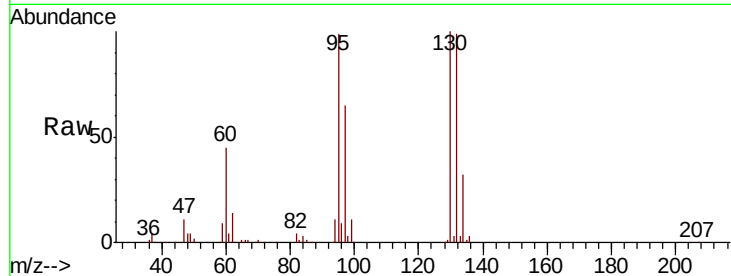




#34
 Trichloroethene
 Concen: 127.386 ug/L
 RT: 6.19 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VU026301.D
 Acq: 23 Aug 2018 16:14

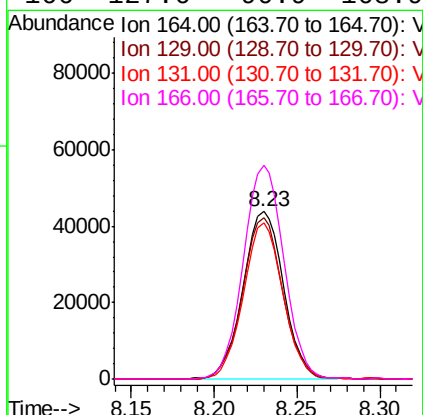
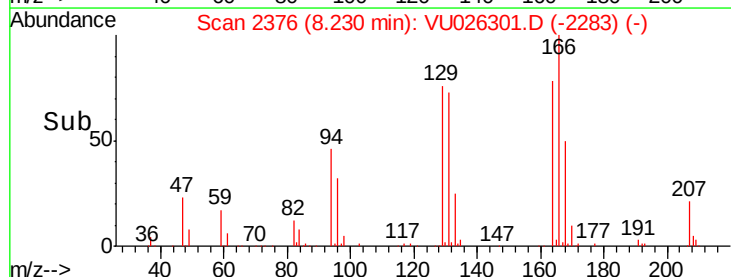
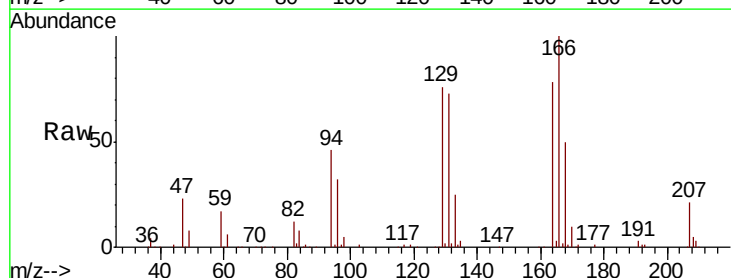
Instrument :
 MSVOA_U
 ClientSampleId :

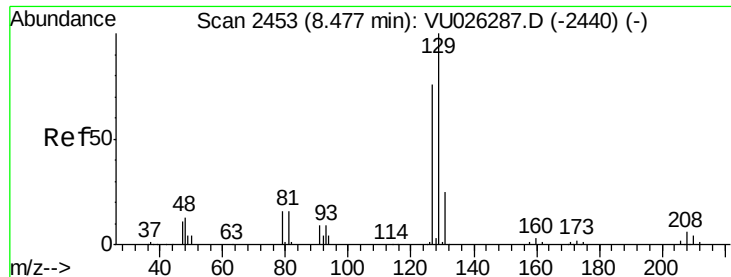
Tot Ion:	95	Resp:	260934
Ion	Ratio	Lower	Upper
95	100		
97	65.7	47.2	87.6
132	99.9	70.2	130.4
130	101.4	73.4	136.4



#46
 Tetrachloroethene
 Concen: 42.615 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: VU026301.D
 Acq: 23 Aug 2018 16:14

Tgt Ion:	164	Resp:	75111
Ion	Ratio	Lower	Upper
164	100		
129	96.4	67.3	124.9
131	93.0	65.5	121.7
166	127.6	90.9	168.9





#49

Dibromochloromethane

Concen: 28.903 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.25 min

Lab File: VU026301.D

Acq: 23 Aug 2018 16:14

Instrument :

MSVOA_U

ClientSampleId :

Tot Ion:129 Resp: 71038

Ion Ratio Lower Upper

129 100

127 0.3 53.8 100.0#

