

Data File : VU032379.D
Acq On : 30 May 2019 14:15
Operator : JC/SP
Sample : K3017-20
Misc : 3.39g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A51F1ME

Quant Time: May 31 04:38:14 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 31 04:34:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	739213	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	759775	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	349192	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	205787	37.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.54%
7) Chloroethane-d5	1.64	69	130327	29.62	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	59.24%#
11) 1,1-Dichloroethene-d2	2.23	63	315027	32.55	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.10%
21) 2-Butanone-d5	4.19	46	363957	101.50	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.50%
24) Chloroform-d	4.64	84	433680	45.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.96%
26) 1,2-Dichloroethane-d4	5.30	65	276293	48.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.92%
32) Benzene-d6	5.33	84	909329	45.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.26%
36) 1,2-Dichloropropane-d6	6.32	67	286273	46.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.56%
41) Toluene-d8	7.56	98	818165	44.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	7.85	79	125410	44.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.54%
47) 2-Hexanone-d5	8.32	63	322592	124.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	124.30%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	470415	49.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.54%
64) 1,2-Dichlorobenzene-d4	11.86	152	347315	48.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.56%

Target Compounds

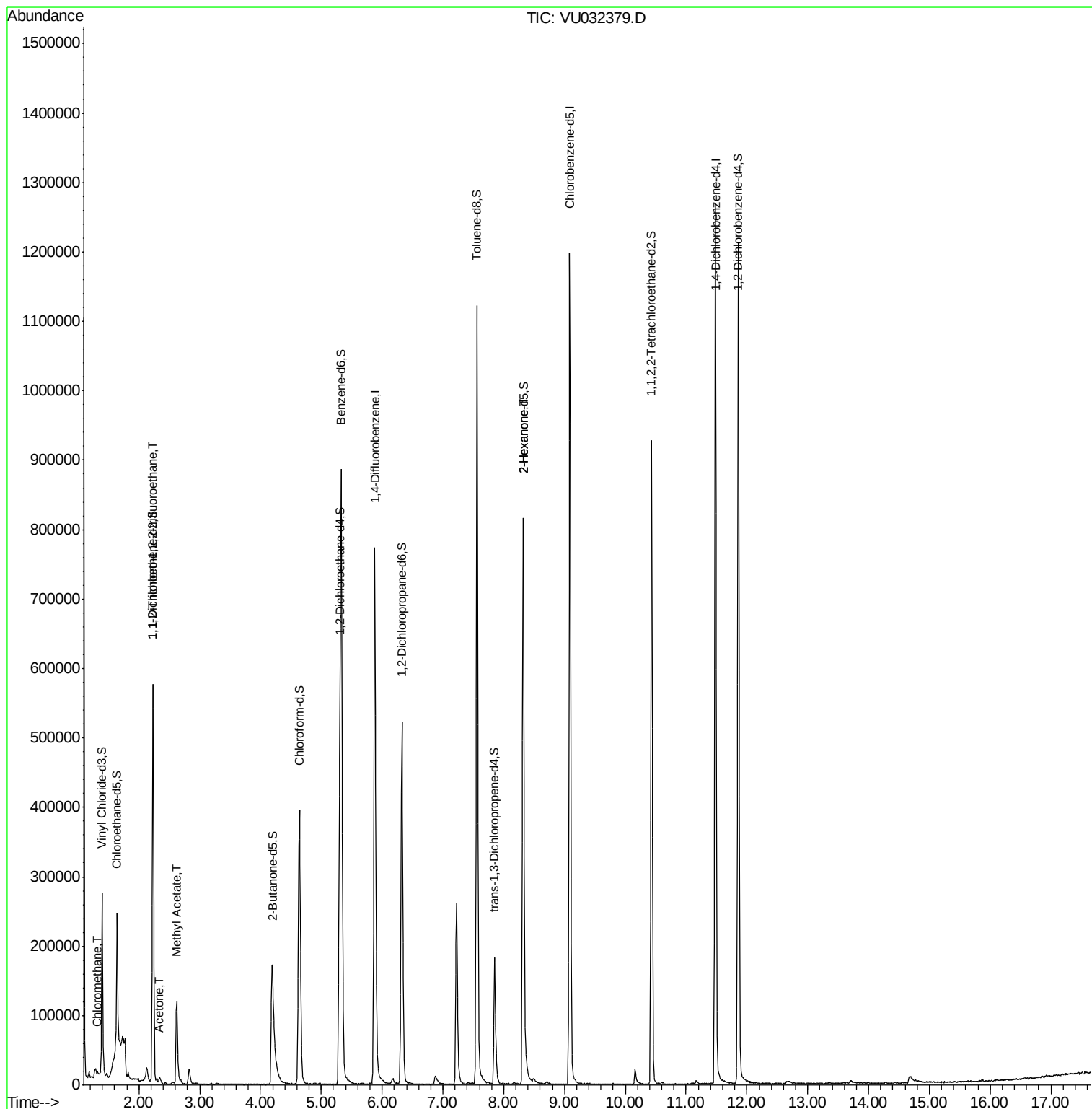
						Qvalue
3) Chloromethane	1.32	50	4010	0.660	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.23	101	3002	0.640	ug/L #	23
13) Acetone	2.34	43	8565	2.534	ug/L	60
15) Methyl Acetate	2.62	43	148420	27.482	ug/L	99
48) 2-Hexanone	8.32	43	35194	5.956	ug/L #	66

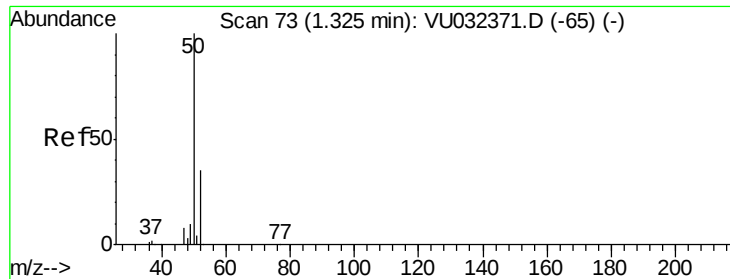
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.660 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

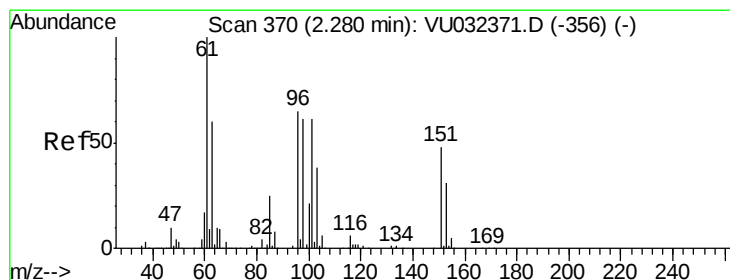
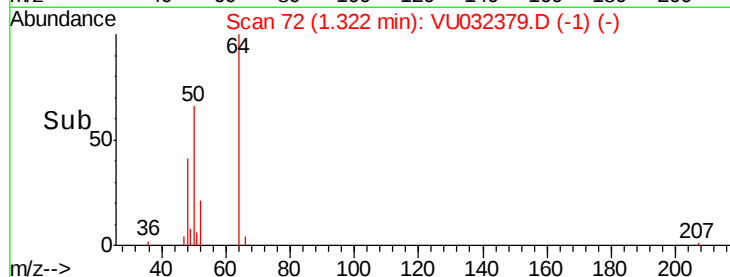
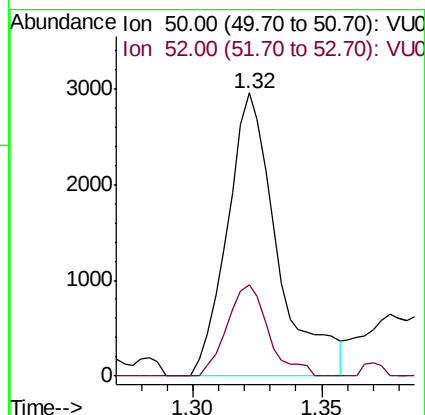
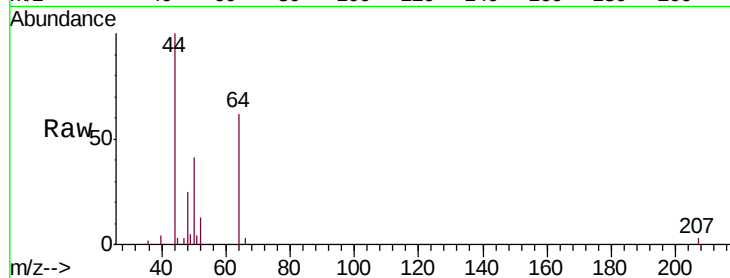
A51F1ME

Tgt Ion: 50 Resp: 4010

Ion Ratio Lower Upper

50 100

52 32.1 23.6 43.8



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.640 ug/L

RT: 2.23 min Scan# 355

Delta R.T. -0.05 min

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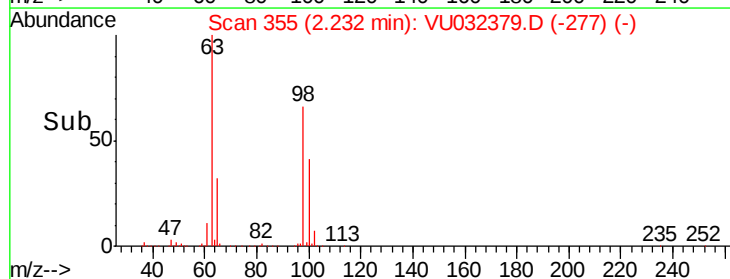
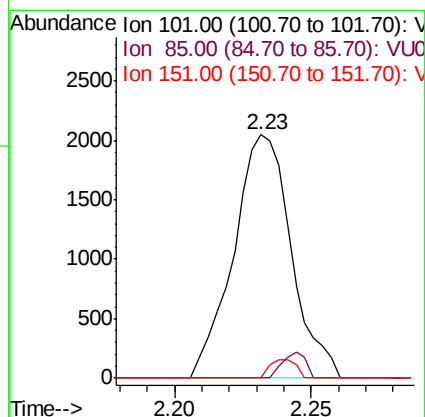
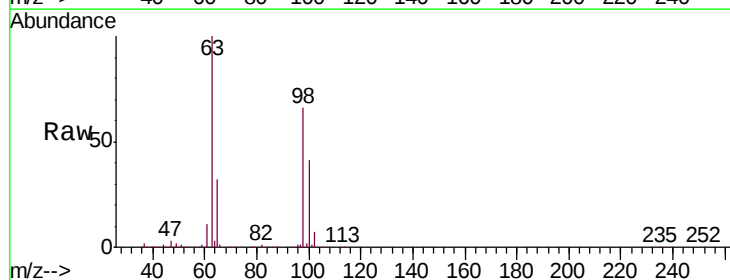
Tgt Ion: 101 Resp: 3002

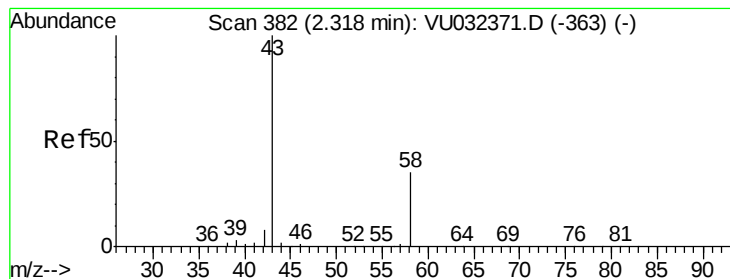
Ion Ratio Lower Upper

101 100

85 4.4 33.4 50.0#

151 3.5 63.7 95.5#





#13

Acetone

Concen: 2.534 ug/L

RT: 2.34 min Scan# 389

Delta R.T. 0.02 min

Lab File: VU032379.D

Acq: 30 May 2019 14:15

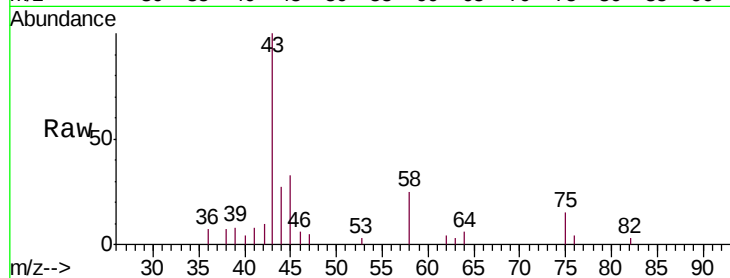
Instrument :
MSVOA_U
ClientSampleId :
A51F1ME

Tgt Ion: 43 Resp: 8565

Ion Ratio Lower Upper

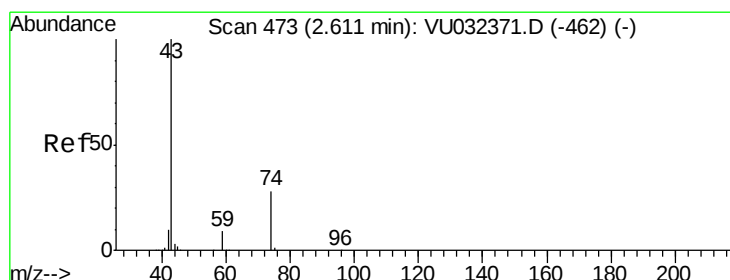
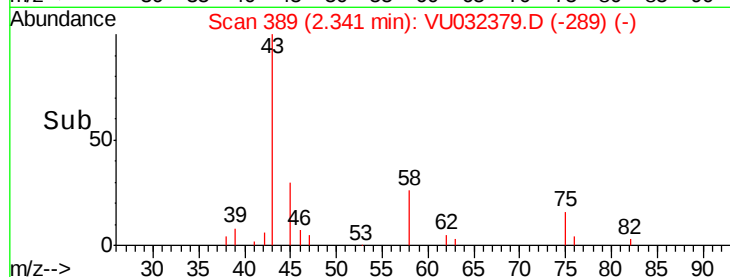
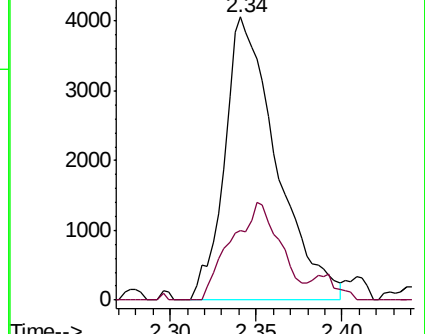
43 100

58 12.8 0.0 73.6



Abundance Ion 43.00 (42.70 to 43.70): VU032379.D (-389) (-)

Ion 58.00 (57.70 to 58.70): VU032379.D (-389) (-)



#15

Methyl Acetate

Concen: 27.482 ug/L

RT: 2.62 min Scan# 476

Delta R.T. 0.01 min

Lab File: VU032379.D

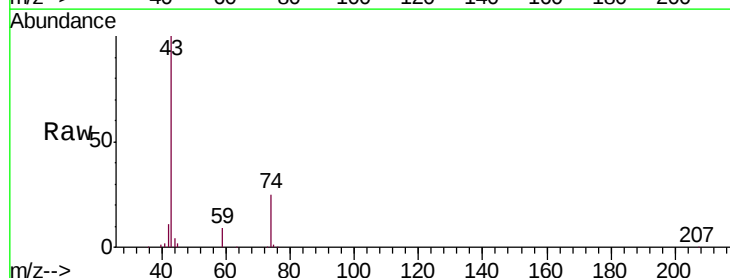
Acq: 30 May 2019 14:15

Tgt Ion: 43 Resp: 148420

Ion Ratio Lower Upper

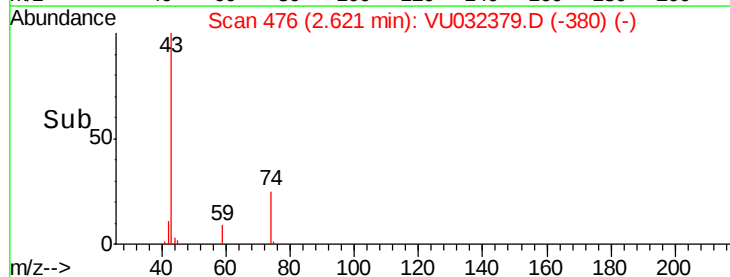
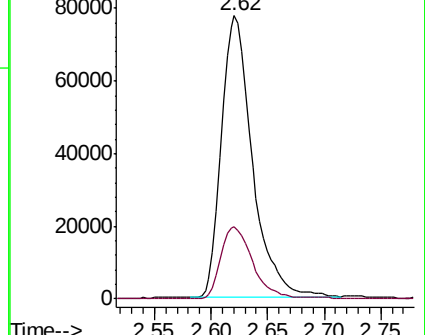
43 100

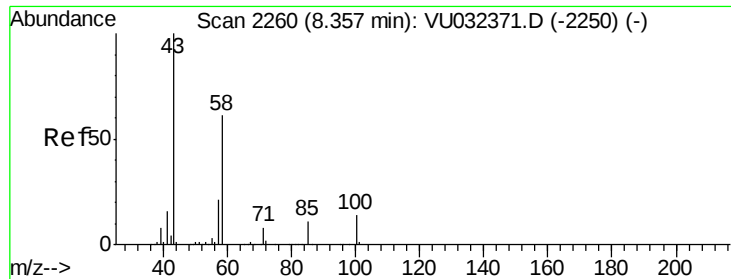
74 26.1 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VU032379.D (-380) (-)

Ion 74.00 (73.70 to 74.70): VU032379.D (-380) (-)





#48

2-Hexanone

Concen: 5.956 ug/L

RT: 8.32 min Scan# 2249

Delta R.T. -0.04 min

Lab File: VU032379.D

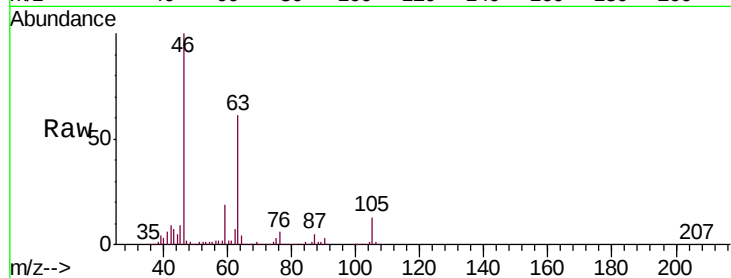
Acq: 30 May 2019 14:15

Instrument :

MSVOA_U

ClientSampleId :

A51F1ME



Tgt Ion:	43	Resp:	35194
Ion	Ratio	Lower	Upper
43	100		
58	31.6	48.6	73.0#
57	31.8	17.0	25.4#
100	1.0	11.0	16.4#

