

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050323\
 Data File : VD075987.D
 Acq On : 03 May 2023 17:57
 Operator : KP/SY
 Sample : 02593-09
 Misc : 3.21G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCJ3

Quant Time: May 04 03:09:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu May 04 02:54:49 2023
 Response via : Initial Calibration

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

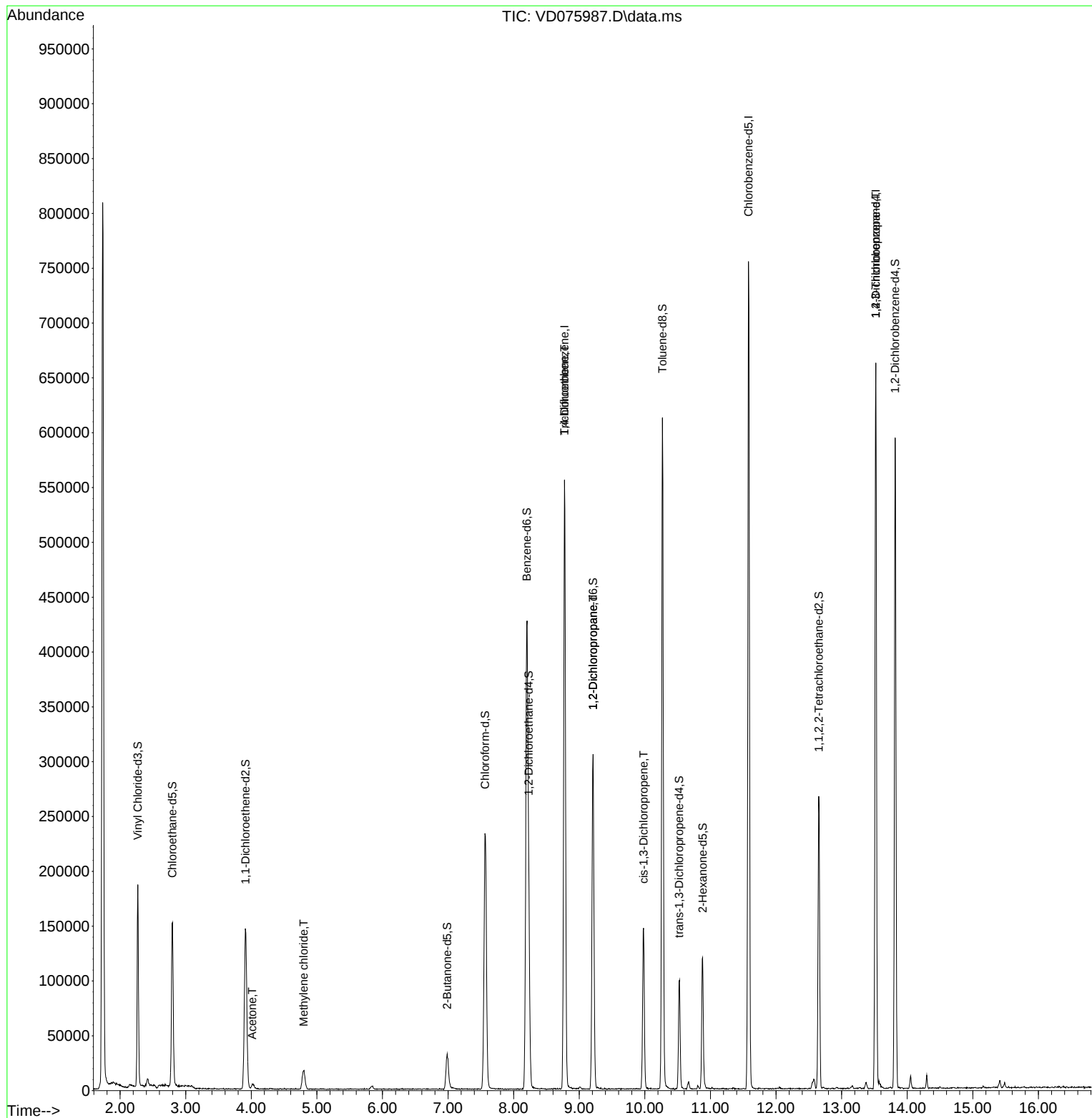
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	535555	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	487331	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	200378	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	167841	14.286	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	57.160%
7) Chloroethane-d5	2.799	69	167913	16.541	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.160%
11) 1,1-Dichloroethene-d2	3.911	65	41227	15.221	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.880%
21) 2-Butanone-d5	6.987	46	53202	52.162	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.320%
24) Chloroform-d	7.563	84	264542	19.753	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	79.000%
26) 1,2-Dichloroethane-d4	8.228	65	114690	20.054	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.200%
32) Benzene-d6	8.199	84	495006	17.427	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	69.720%
36) 1,2-Dichloropropane-d6	9.210	67	166036	21.119	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	84.480%
41) Toluene-d8	10.269	98	445195	16.742	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.960%
43) trans-1,3-Dichloroprop...	10.522	79	60864	18.730	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.920%
47) 2-Hexanone-d5	10.881	63	44587	47.101	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.200%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	144574	24.031	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.120%
66) 1,2-Dichlorobenzene-d4	13.816	152	172664	24.361	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.440%
Target Compounds						
					Qvalue	
13) Acetone	4.016	43	7454	8.540	ug/L	89
16) Methylene chloride	4.799	84	15232	1.402	ug/L	97
34) Trichloroethene	8.775	95	13026	1.709	ug/L #	3
37) 1,2-Dichloropropane	9.210	63	15641	2.310	ug/L #	85
39) cis-1,3-Dichloropropene	9.981	75	4080	0.379	ug/L #	65
61) 1,2,3-Trichloropropane	13.522	75	22009	6.992	ug/L #	62

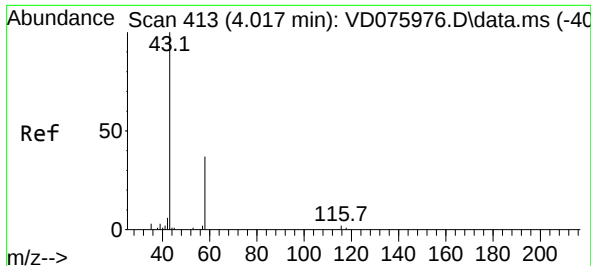
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Thu May 04 02:54:49 2023
Response via : Initial Calibration





#13

Acetone

Concen: 8.540 ug/L

RT: 4.016 min Scan# 413

Delta R.T. -0.000 min

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Acq: 03 May 2023 17:57

Instrument :

MSVOA_D

ClientSampleId :

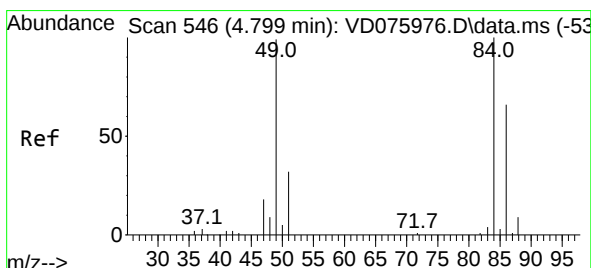
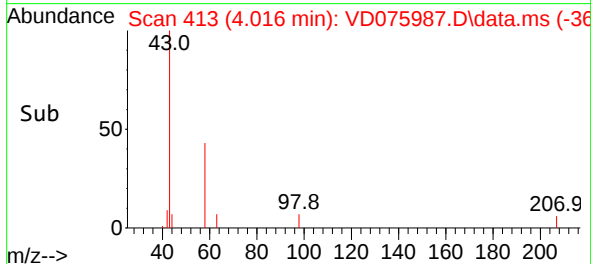
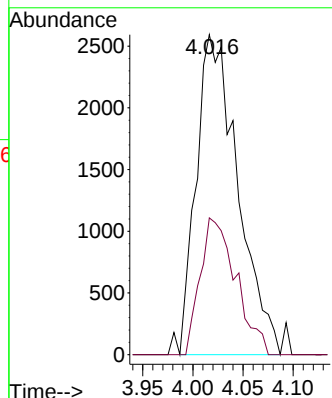
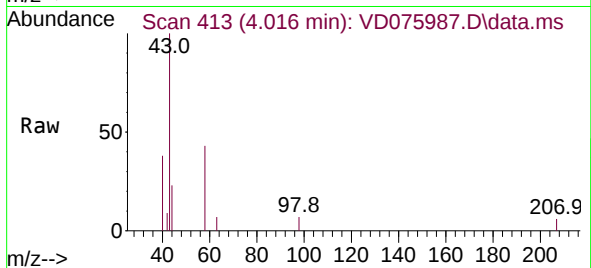
DCCJ3

Tgt Ion: 43 Resp: 7454

Ion Ratio Lower Upper

43 100

58 36.9 0.0 87.4



#16

Methylene chloride

Concen: 1.402 ug/L

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD075987.D

Acq: 03 May 2023 17:57

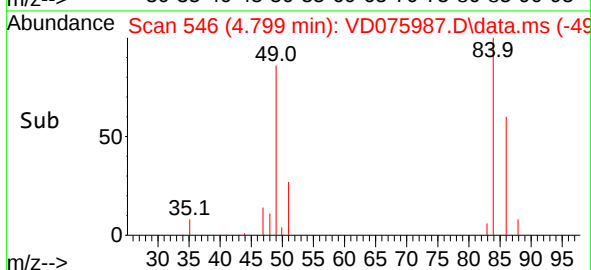
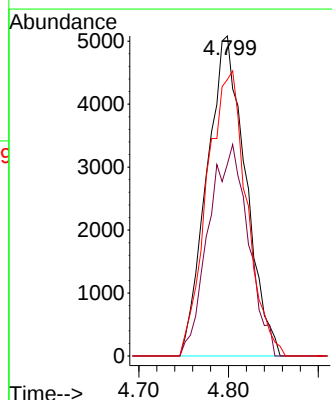
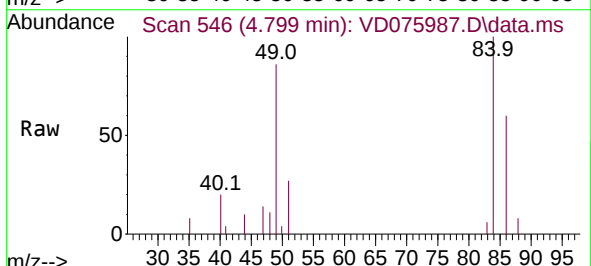
Tgt Ion: 84 Resp: 15232

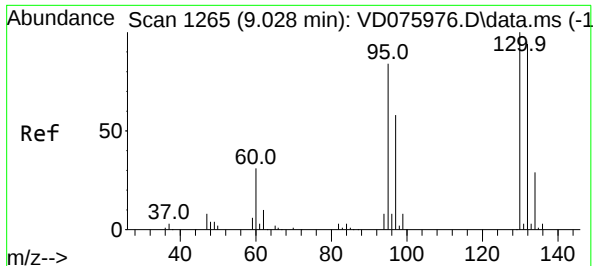
Ion Ratio Lower Upper

84 100

86 60.0 45.8 85.2

49 86.4 60.8 112.8





#34

Trichloroethene

Concen: 1.709 ug/L

RT: 8.775 min Scan# 11

Delta R.T. -0.253 min

Lab File: VD075987.D

Acq: 03 May 2023 17:57

Instrument :

MSVOA_D

ClientSampleId :

DCCJ3

Tgt Ion: 95 Resp: 13026

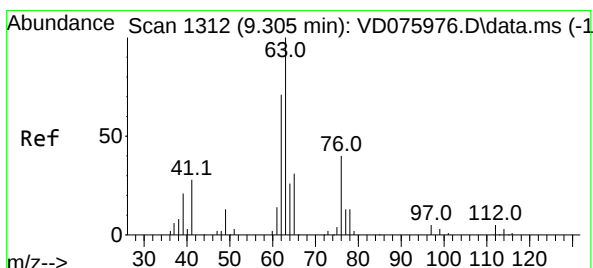
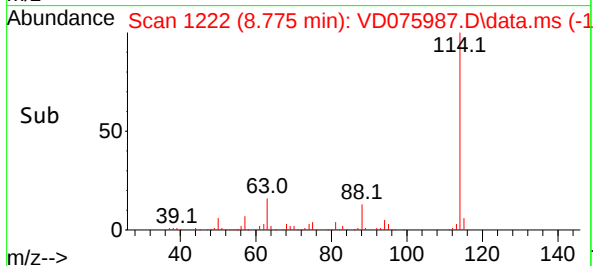
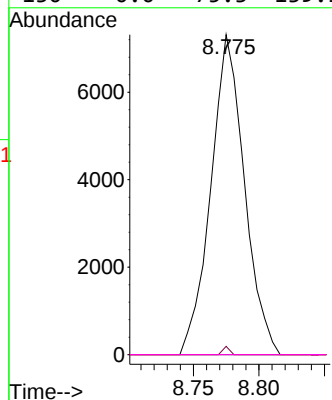
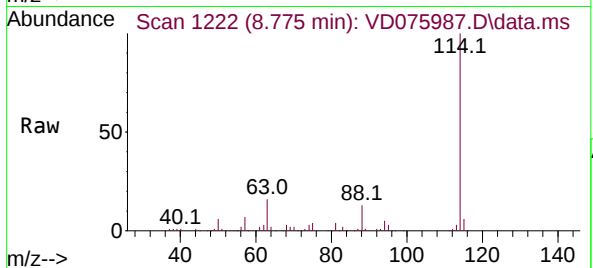
Ion Ratio Lower Upper

95 100

97 2.6 46.0 85.4#

132 0.0 73.3 136.1#

130 0.0 75.3 139.9#



#37

1,2-Dichloropropane

Concen: 2.310 ug/L

RT: 9.210 min Scan# 1296

Delta R.T. -0.094 min

Lab File: VD075987.D

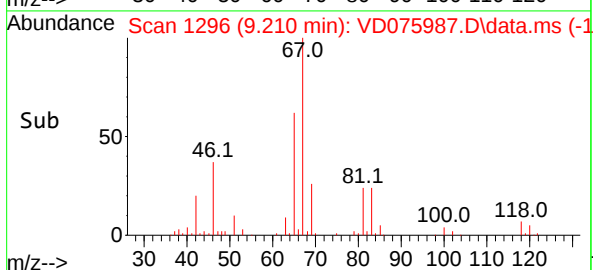
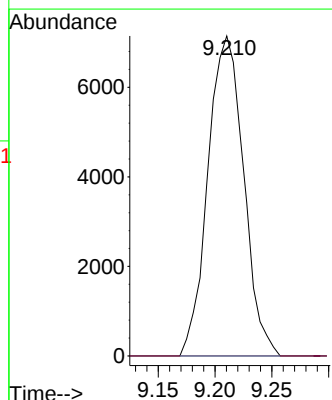
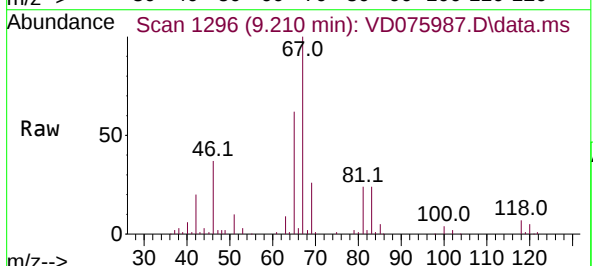
Acq: 03 May 2023 17:57

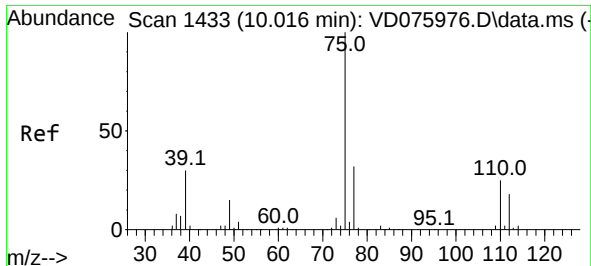
Tgt Ion: 63 Resp: 15641

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.379 ug/L

RT: 9.981 min Scan# 1433

Delta R.T. -0.035 min

Lab File: VD075987.D

Acq: 03 May 2023 17:57

Instrument :

MSVOA_D

ClientSampleId :

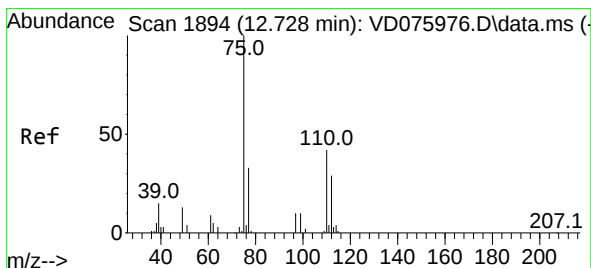
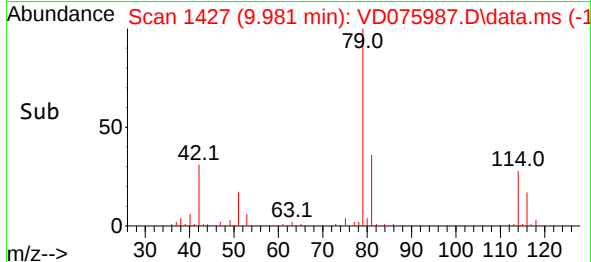
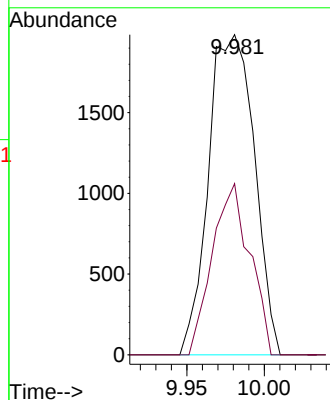
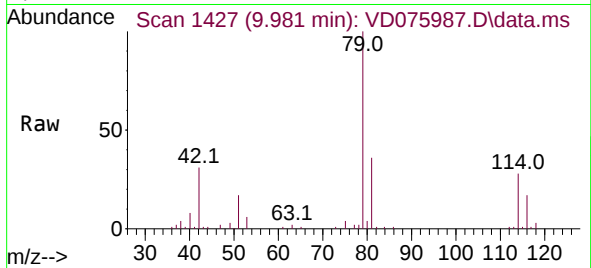
DCCJ3

Tgt Ion: 75 Resp: 4080

Ion Ratio Lower Upper

75 100

77 53.5 23.4 43.6#



#61

1,2,3-Trichloropropane

Concen: 6.992 ug/L

RT: 13.522 min Scan# 2029

Delta R.T. 0.794 min

Lab File: VD075987.D

Acq: 03 May 2023 17:57

Tgt Ion: 75 Resp: 22009

Ion Ratio Lower Upper

75 100

77 28.9 26.6 39.8

110 2.2 33.5 50.3#

