

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100124\
 Data File : VU061060.D
 Acq On : 01 Oct 2024 21:53
 Operator : MD/SY
 Sample : P4227-07 400X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP(20240926)

Quant Time: Oct 02 02:38:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 02 02:09:38 2024
 Response via : Initial Calibration

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

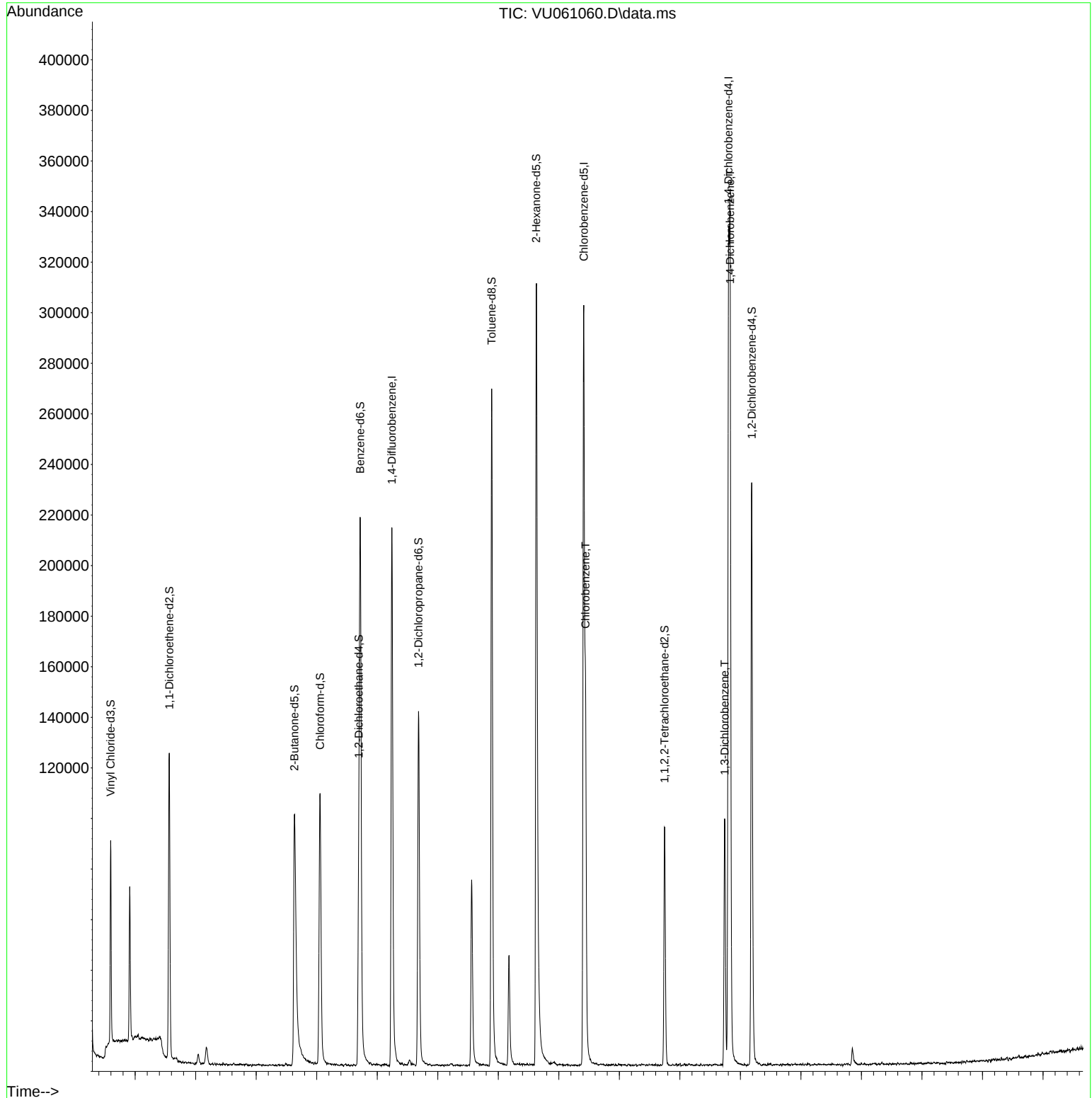
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	175763	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	163594	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	76724	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	55304	4.401	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.000%
7) Chloroethane-d5	1.911	69	43323	4.606	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	2.563	65	24197	4.365	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.400%
20) 2-Butanone-d5	4.631	46	148090	49.198	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.400%
24) Chloroform-d	5.055	84	100819	4.552	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.695	65	56406	4.805	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.718	84	203932	4.728	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.682	67	69919	4.936	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.891	98	182835	4.535	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
43) trans-1,3-Dichloroprop...	8.177	79	27328	4.512	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.200%
46) 2-Hexanone-d5	8.627	63	121861	48.607	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.220%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	49810	4.795	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	59604	4.859	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						
16) Methylene chloride	3.042	84	2081	0.179	ug/L	96
51) Chlorobenzene	9.441	112	74050	2.366	ug/L	95
64) 1,3-Dichlorobenzene	11.740	146	38008	1.728	ug/L	96
65) 1,4-Dichlorobenzene	11.830	146	116416	5.354	ug/L	96
67) 1,2-Dichlorobenzene	12.206	146	4499	0.221	ug/L #	88
70) 1,2,4-trichlorobenzene	13.849	180	2628	0.221	ug/L	97

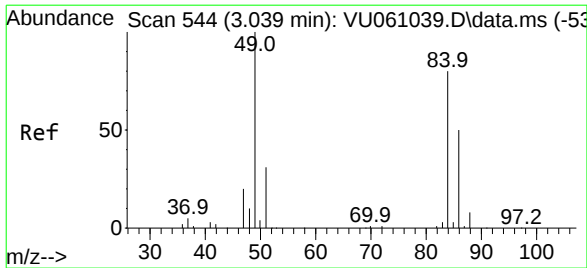
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 02 02:09:38 2024
Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.179 ug/L

RT: 3.042 min Scan# 544

Delta R.T. 0.003 min

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DUP(20240926)

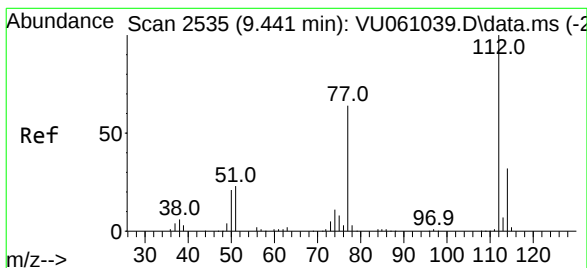
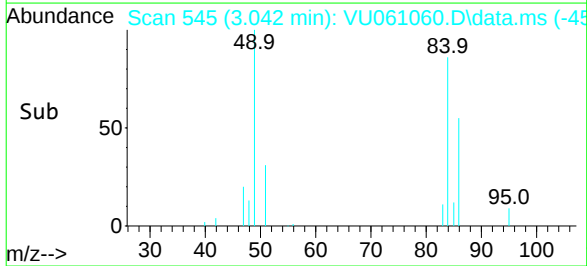
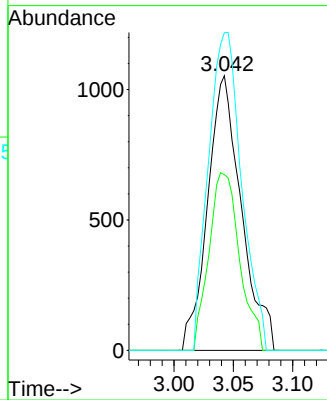
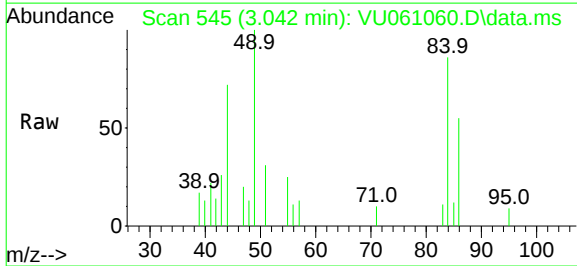
Tgt Ion: 84 Resp: 2081

Ion Ratio Lower Upper

84 100

86 64.0 47.3 87.8

49 115.7 78.7 146.1



#51

Chlorobenzene

Concen: 2.366 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU061060.D

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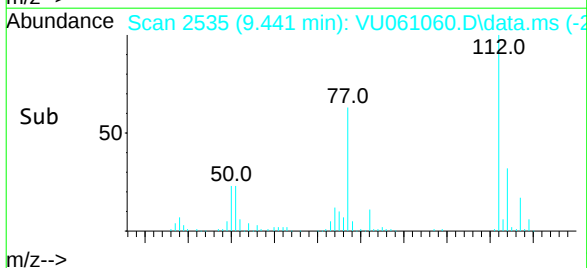
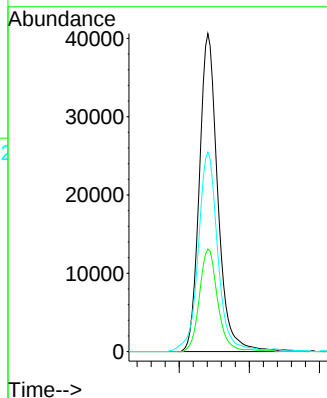
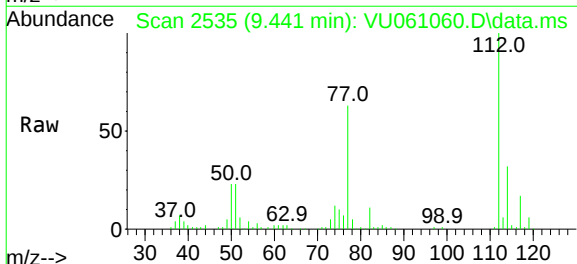
Tgt Ion: 112 Resp: 74050

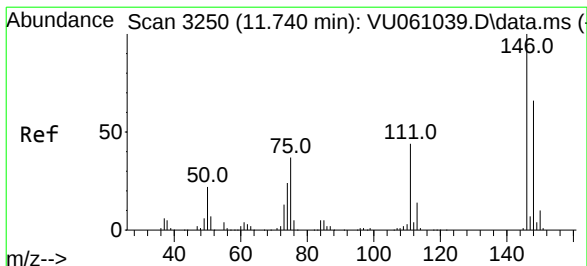
Ion Ratio Lower Upper

112 100

114 32.2 22.2 41.2

77 62.7 46.1 69.1





#64

1,3-Dichlorobenzene

Concen: 1.728 ug/L

RT: 11.740 min Scan# 3250

Delta R.T. 0.003 min

Lab File: VU061060.D

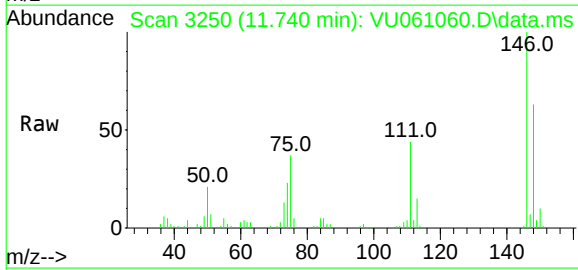
Acq: 01 Oct 2024 21:53

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MSVOA_U

ClientSampleId :

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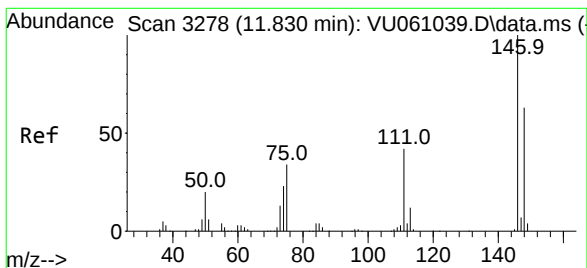
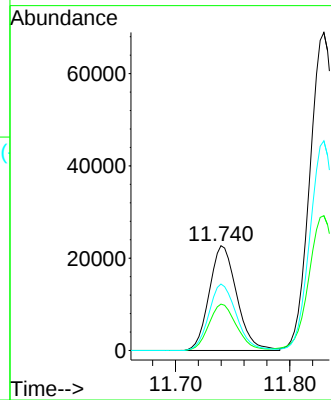
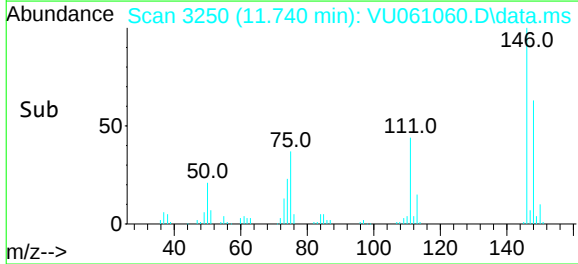
Tgt Ion:146 Resp: 38008

Ion Ratio Lower Upper

146 100

111 44.3 27.5 51.1

148 63.4 43.7 81.1



#65

1,4-Dichlorobenzene

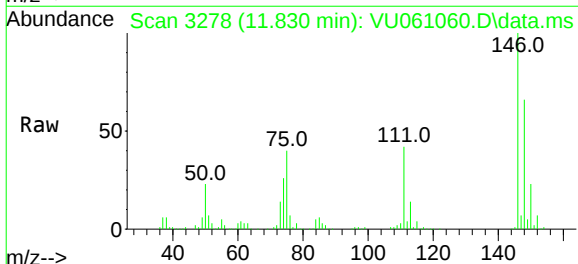
Concen: 5.354 ug/L

RT: 11.830 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VU061060.D

Acq: 01 Oct 2024 21:53



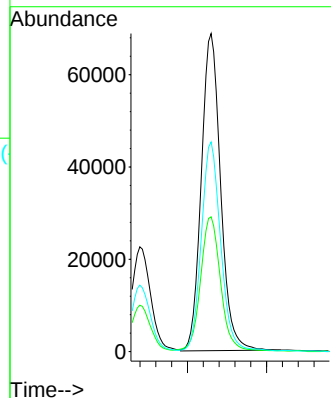
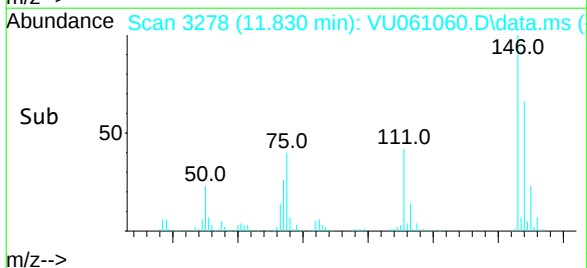
Tgt Ion:146 Resp: 116416

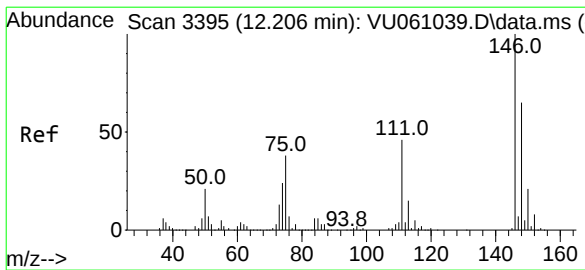
Ion Ratio Lower Upper

146 100

111 42.4 26.3 48.9

148 65.9 45.3 84.1





#67

1,2-Dichlorobenzene

Concen: 0.221 ug/L

RT: 12.206 min Scan# 3395

Delta R.T. 0.003 min

Lab File: VU061060.D

Acq: 01 Oct 2024 21:53

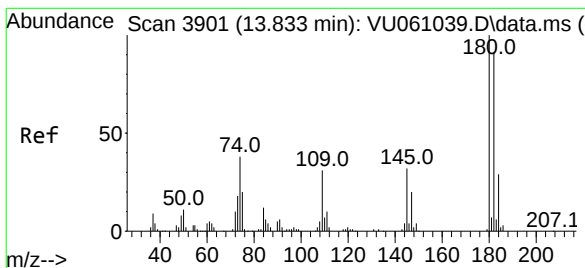
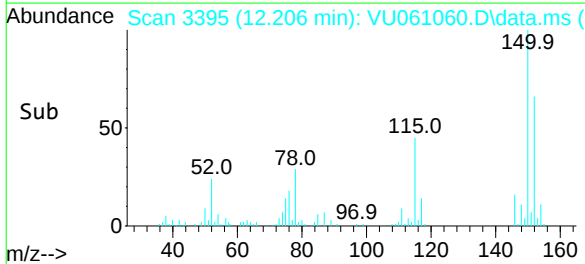
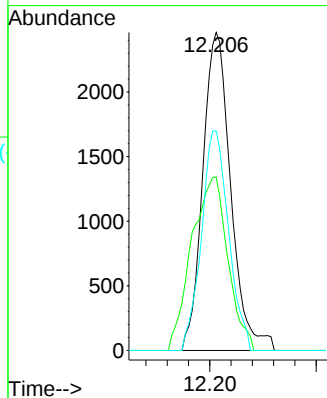
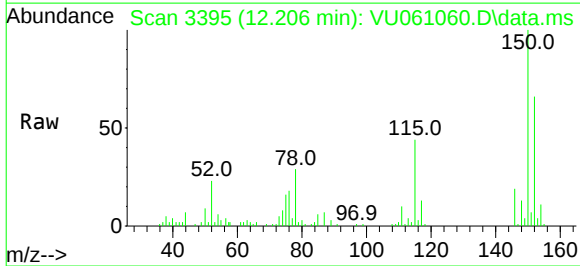
Instrument :

MSVOA_U

ClientSampleId :

DUP(20240926)

Tgt Ion:	146	Resp:	4499
Ion	Ratio	Lower	Upper
146	100		
111	54.5	33.4	50.0#
148	69.0	50.9	76.3



#70

1,2,4-trichlorobenzene

Concen: 0.221 ug/L

RT: 13.849 min Scan# 3906

Delta R.T. 0.016 min

Lab File: VU061060.D

Acq: 01 Oct 2024 21:53

Tgt Ion:	180	Resp:	2628
Ion	Ratio	Lower	Upper
180	100		
182	99.7	77.4	116.2
145	29.4	22.9	34.3

