

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW070224\
 Data File : VW036412.D
 Acq On : 02 Jul 2024 11:33
 Operator : SY/MD
 Sample : P3087-06
 Misc : 5.82g/10.0mL/MSVOA_V/SOIL/B
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 03 05:10:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM062724SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 03 05:08:41 2024
 Response via : Initial Calibration

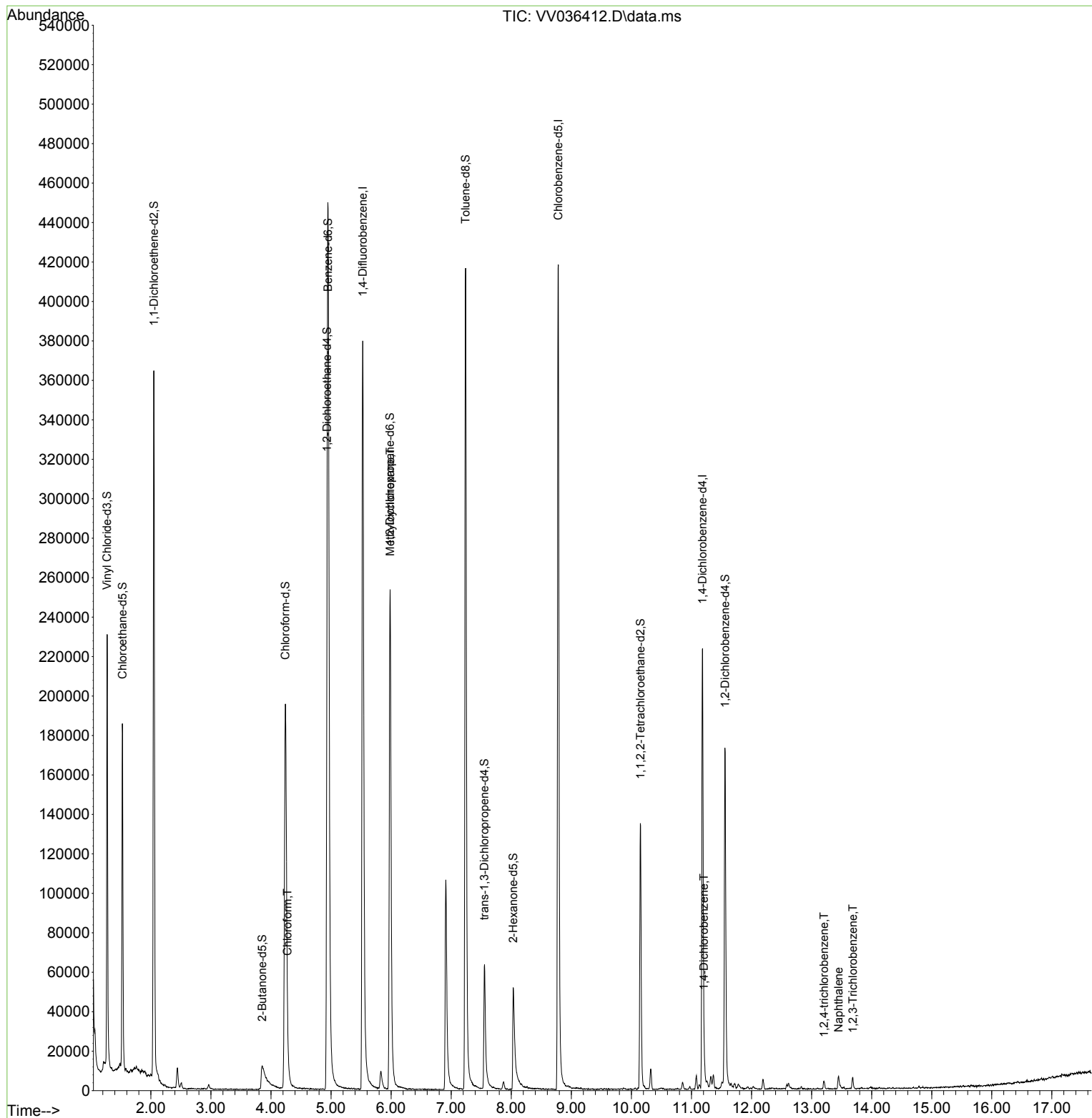
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	350010	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	248557	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	63193	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	143855	24.201	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	96.800%	
7) Chloroethane-d5	1.526	69	116305	24.496	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	98.000%	
11) 1,1-Dichloroethene-d2	2.050	65	60753	21.741	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	86.960%	
21) 2-Butanone-d5	3.854	46	24404	17.689	ug/L	0.01
Spiked Amount	50.000	Range 20 - 135	Recovery	=	35.380%	
24) Chloroform-d	4.240	84	218216	21.121	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	84.480%	
26) 1,2-Dichloroethane-d4	4.934	65	115069	20.885	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	83.520%	
32) Benzene-d6	4.950	84	422100	30.083	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	120.320%	
36) 1,2-Dichloropropane-d6	5.982	67	132247	31.335	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	125.320%#	
41) Toluene-d8	7.239	98	293333	23.187	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	92.760%	
43) trans-1,3-Dichloroprop...	7.555	79	43321	22.986	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	91.960%	
47) 2-Hexanone-d5	8.034	63	20635	30.630	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	61.260%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	68062	19.674	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	78.680%	
66) 1,2-Dichlorobenzene-d4	11.561	152	46850	20.344	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	81.360%	
Target Compounds						
25) Chloroform	4.275	83	5666	0.546	ug/L	88
35) Methylcyclohexane	5.986	83	32021	4.946	ug/L #	21
65) 1,4-Dichlorobenzene	11.210	146	1530	0.359	ug/L	91
70) 1,2,4-trichlorobenzene	13.207	180	1755	0.734	ug/L #	97
71) Naphthalene	13.448	128	6806	1.597	ug/L	96
72) 1,2,3-Trichlorobenzene	13.686	180	1901	0.846	ug/L #	96

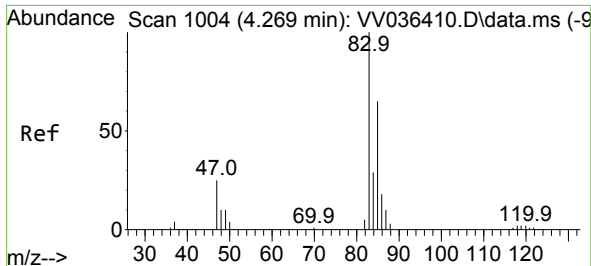
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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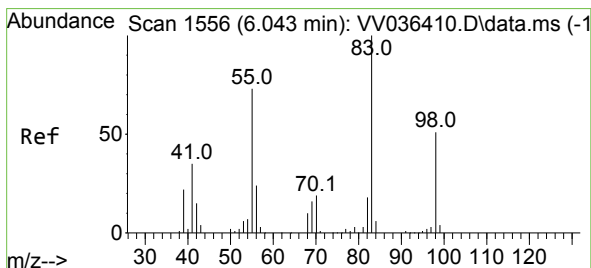
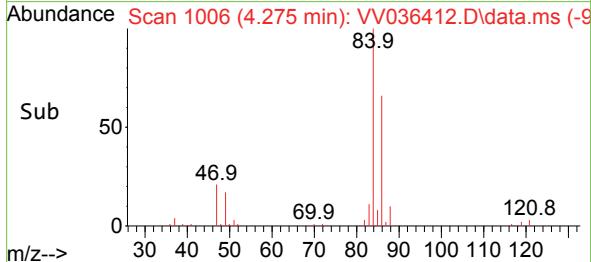
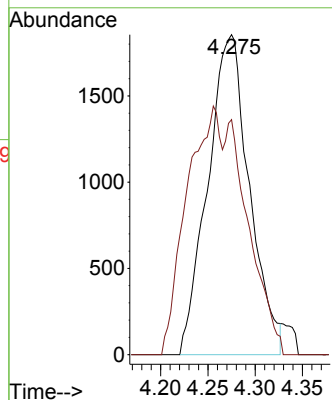
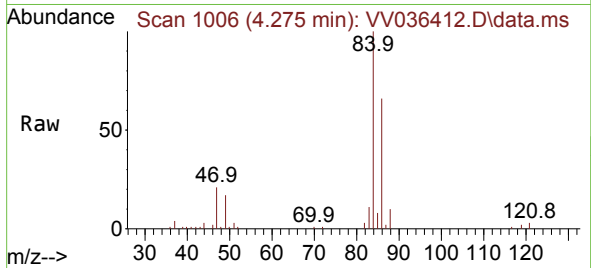




#25
Chloroform
Concen: 0.546 ug/L
RT: 4.275 min Scan# 10
Delta R.T. 0.006 min
Lab File: VV036412.D
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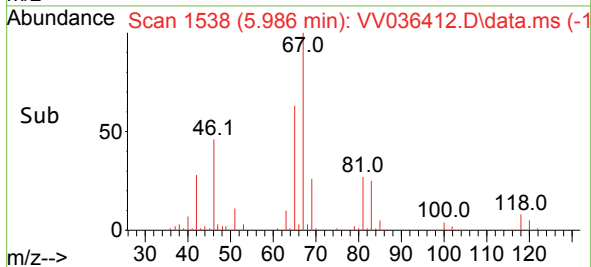
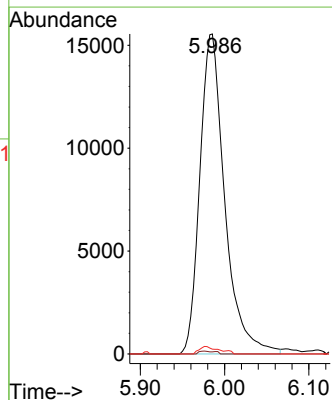
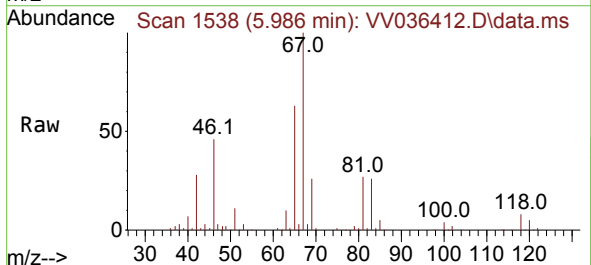
Instrument :
MSVOA_V
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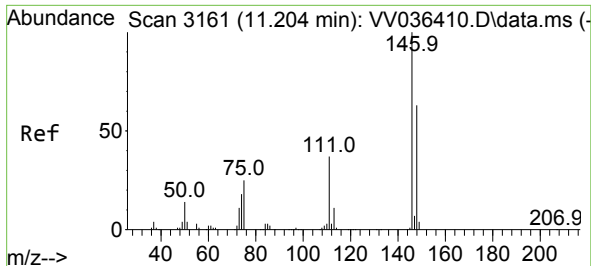
Tgt Ion: 83 Resp: 5666
Ion Ratio Lower Upper
83 100
85 73.4 45.0 83.6



#35
Methylcyclohexane
Concen: 4.946 ug/L
RT: 5.986 min Scan# 1538
Delta R.T. -0.058 min
Lab File: VV036412.D
Acq: 02 Jul 2024 11:33

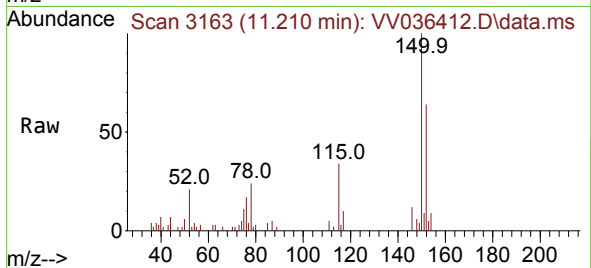
Tgt Ion: 83 Resp: 32021
Ion Ratio Lower Upper
83 100
55 0.1 56.0 84.0#
98 0.3 39.0 58.6#



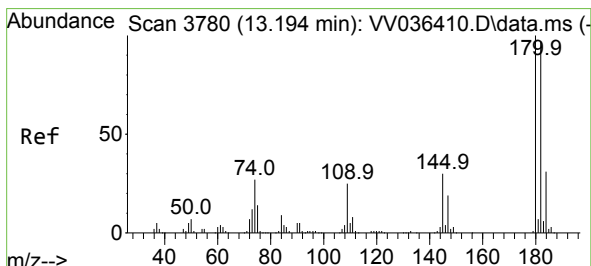
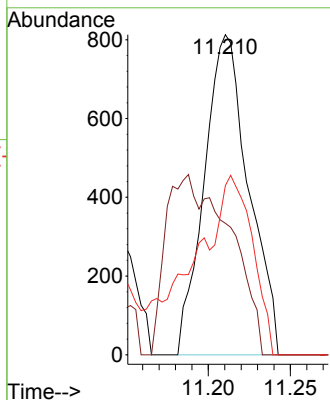
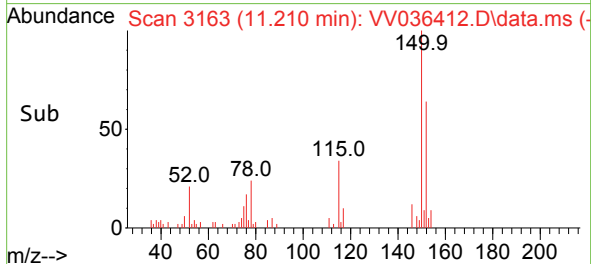


#65
 1,4-Dichlorobenzene
 Concen: 0.359 ug/L
 RT: 11.210 min Scan# 3163
 Delta R.T. 0.006 min
 Lab File: VV036412.D
 Acq: 02 Jul 2024 11:33

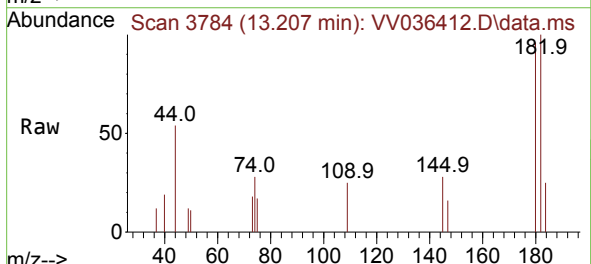
Instrument :
 MSVOA_V
 ClientSampleId :



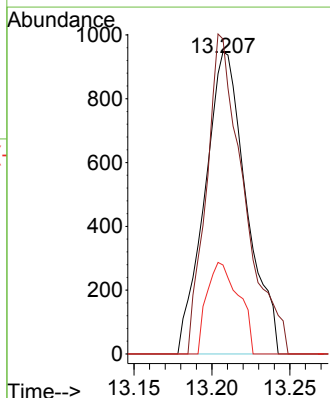
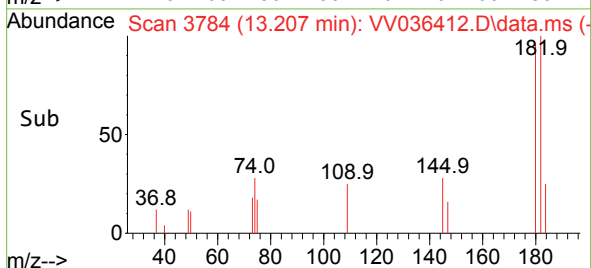
Tgt Ion:146 Resp: 1530
 Ion Ratio Lower Upper
 146 100
 111 41.1 27.5 51.1
 148 52.9 44.0 81.8

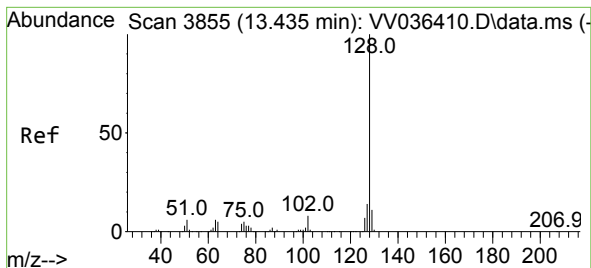


#70
 1,2,4-trichlorobenzene
 Concen: 0.734 ug/L
 RT: 13.207 min Scan# 3784
 Delta R.T. 0.013 min
 Lab File: VV036412.D
 Acq: 02 Jul 2024 11:33



Tgt Ion:180 Resp: 1755
 Ion Ratio Lower Upper
 180 100
 182 95.7 76.1 114.1
 145 23.1 23.8 35.8#





#71

Naphthalene

Concen: 1.597 ug/L

RT: 13.448 min Scan# 3855

Delta R.T. 0.013 min

Lab File: VV036412.D

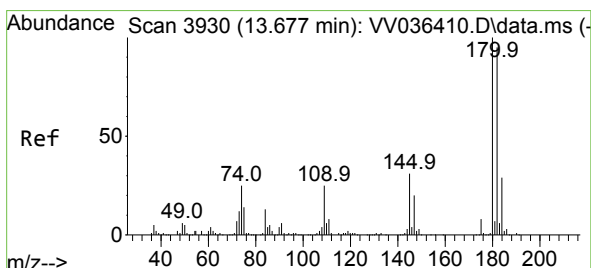
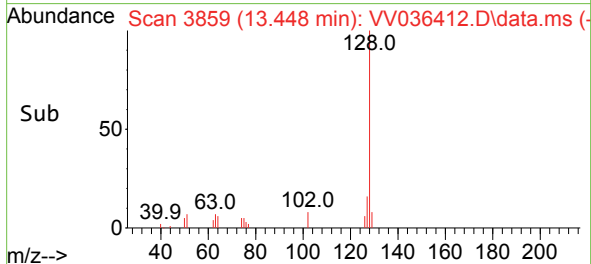
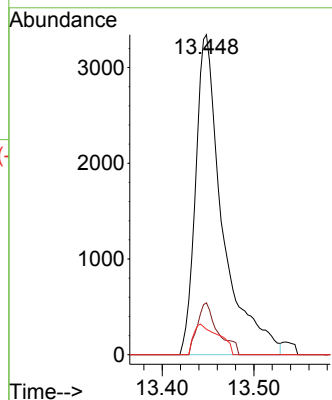
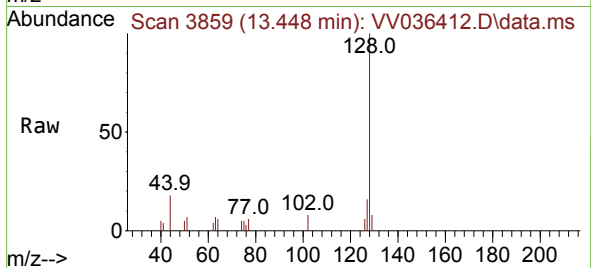
Acq: 02 Jul 2024 11:33

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:128	Resp:	6806
Ion Ratio	Lower	Upper
128	100	
127	12.4	10.8 16.2
129	8.8	8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 0.846 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. 0.010 min

Lab File: VV036412.D

Acq: 02 Jul 2024 11:33

Tgt Ion:180	Resp:	1901
Ion Ratio	Lower	Upper
180	100	
182	95.3	76.7 115.1
145	24.1	25.0 37.4

