

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102221\
 Data File : VW022989.D
 Acq On : 22 Oct 2021 16:06
 Operator : SY/MD
 Sample : M4200-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGG4

Quant Time: Oct 23 01:29:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 23 01:14:46 2021
 Response via : Initial Calibration

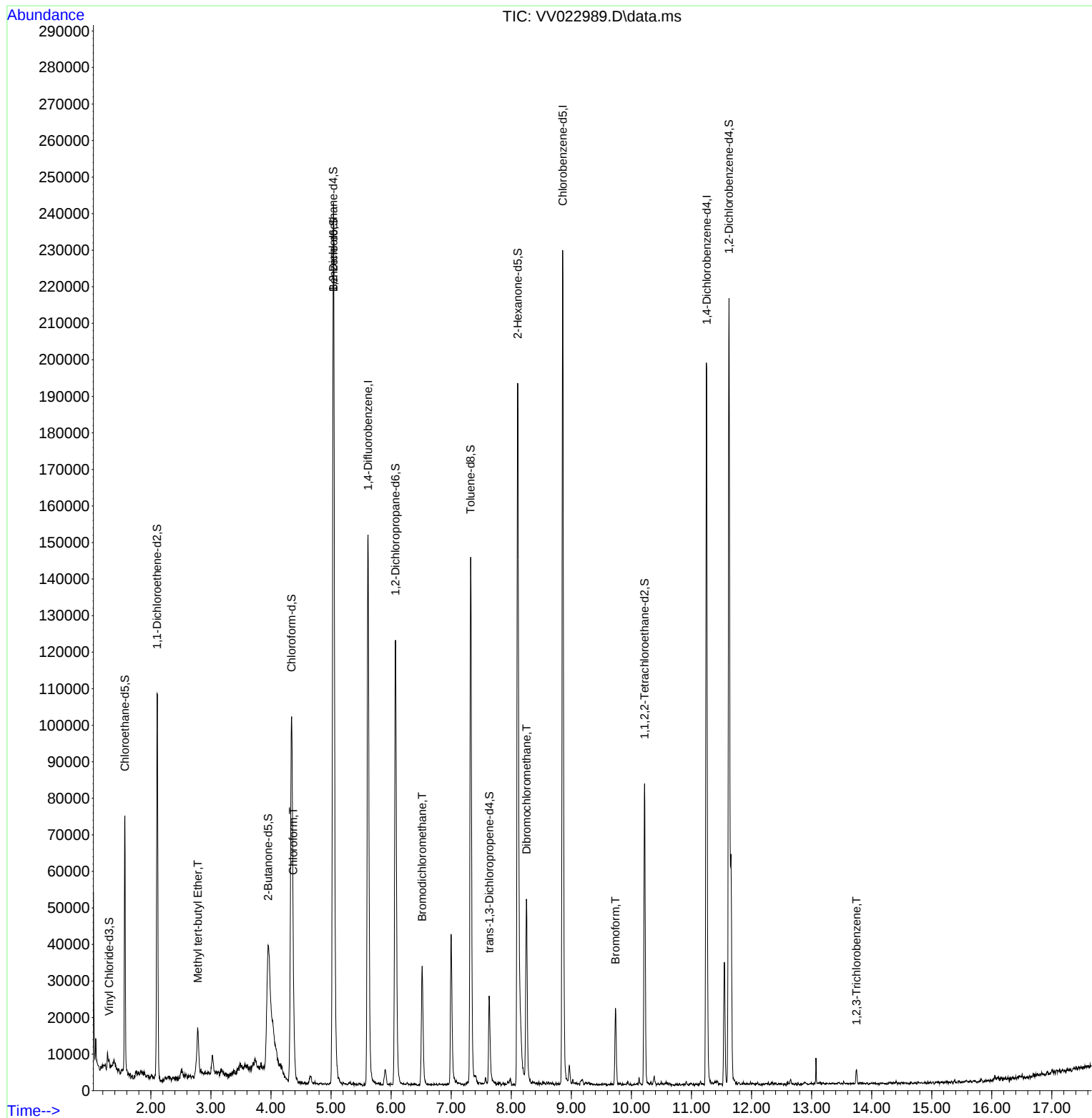
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	132511	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	127213	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	53613	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	191	0.016	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	0.400%#	
7) Chloroethane-d5	1.568	69	41023	5.728	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	114.600%	
11) 1,1-Dichloroethene-d2	2.105	63	55815	3.341	ug/L	-0.02
Spiked Amount	5.000	Range 60 - 125	Recovery	=	66.800%	
20) 2-Butanone-d5	3.954	46	113833	61.285	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	122.560%	
24) Chloroform-d	4.343	84	104450	5.549	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	111.000%	
26) 1,2-Dichloroethane-d4	5.037	65	47236	5.323	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.400%	
32) Benzene-d6	5.040	84	200320	5.394	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	107.800%	
36) 1,2-Dichloropropane-d6	6.072	67	61814	5.407	ug/L	-0.01
Spiked Amount	5.000	Range 60 - 140	Recovery	=	108.200%	
41) Toluene-d8	7.323	98	99106	2.971	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	59.400%#	
43) trans-1,3-Dichloroprop...	7.635	79	14871	3.712	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	74.200%	
46) 2-Hexanone-d5	8.108	63	66845	45.071	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.140%	
56) 1,1,2,2-Tetrachloroeth...	10.220	84	39188	4.964	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	56476	5.904	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	118.000%	
Target Compounds						
17) Methyl tert-butyl Ether	2.780	73	13709	0.846	ug/L #	89
25) Chloroform	4.368	83	17420	0.991	ug/L	99
38) Bromodichloromethane	6.516	83	23143	2.174	ug/L	100
49) Dibromochloromethane	8.252	129	25517	3.553	ug/L	99
59) Bromoform	9.735	173	9416	3.014	ug/L	96
72) 1,2,3-Trichlorobenzene	13.747	180	1272	0.169	ug/L	96

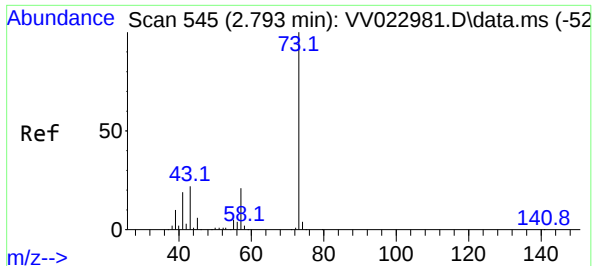
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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#17

Methyl tert-butyl Ether

Concen: 0.846 ug/L

RT: 2.780 min Scan# 54

Delta R.T. -0.013 min

Lab File: VV022989.D

Acq: 22 Oct 2021 16:06

Instrument :

MSVOA_V

ClientSampleId :

BFGG4

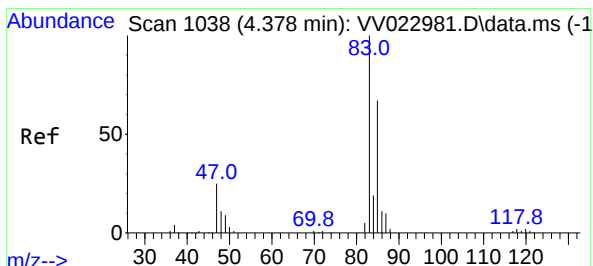
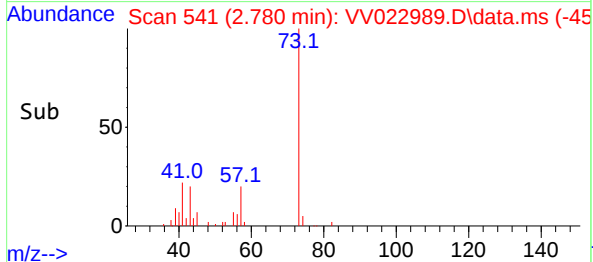
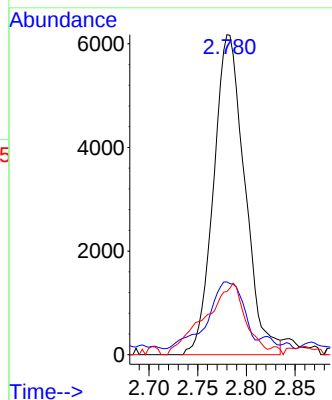
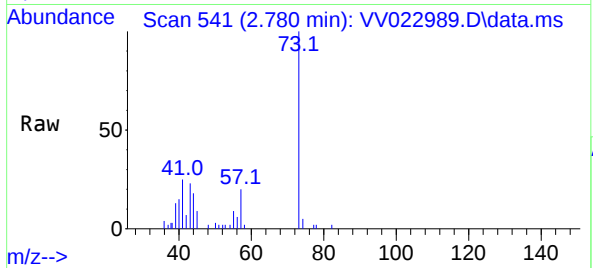
Tgt Ion: 73 Resp: 13709

Ion Ratio Lower Upper

73 100

43 24.2 17.4 26.0

57 29.0 16.5 24.7#



#25

Chloroform

Concen: 0.991 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.009 min

Lab File: VV022989.D

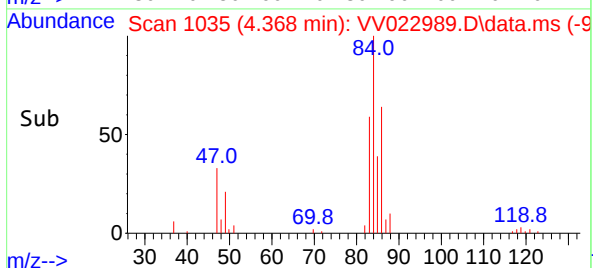
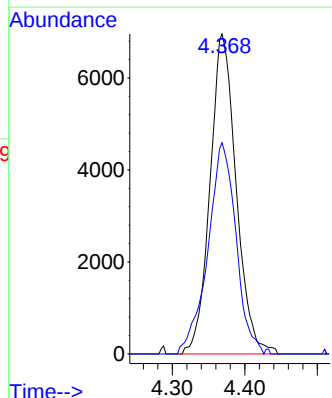
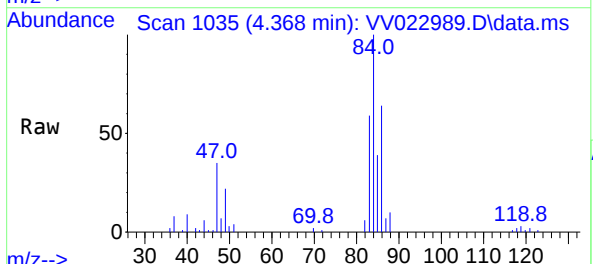
Acq: 22 Oct 2021 16:06

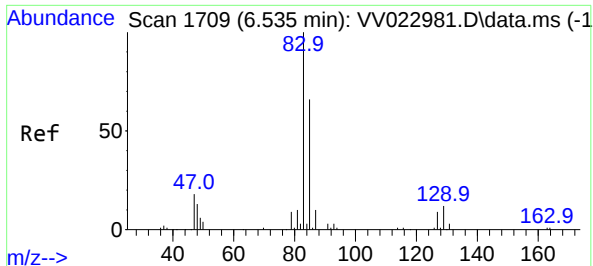
Tgt Ion: 83 Resp: 17420

Ion Ratio Lower Upper

83 100

85 66.0 46.8 86.8

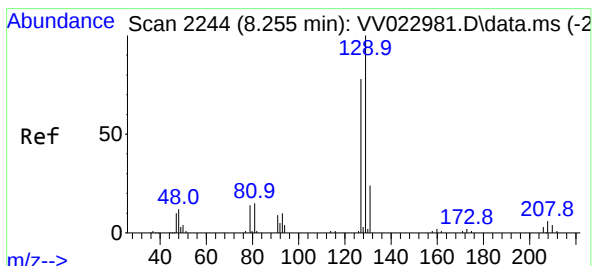
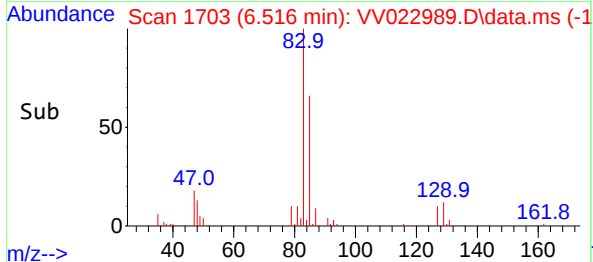
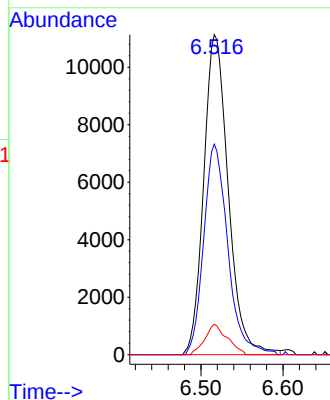
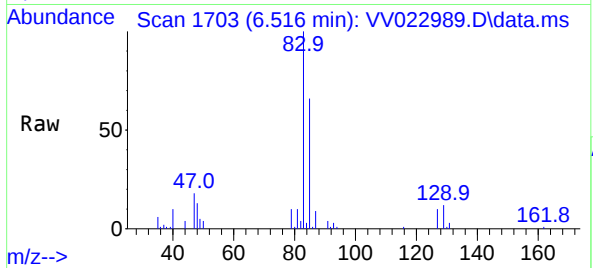




#38
Bromodichloromethane
Concen: 2.174 ug/L
RT: 6.516 min Scan# 11
Delta R.T. -0.019 min
Lab File: VV022989.D
Acq: 22 Oct 2021 16:06

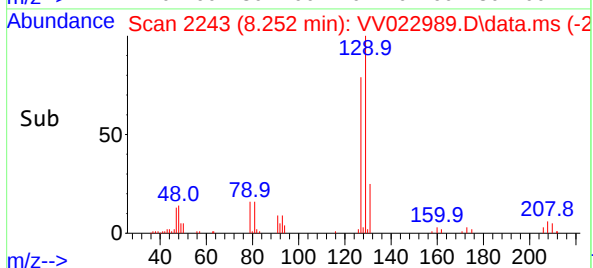
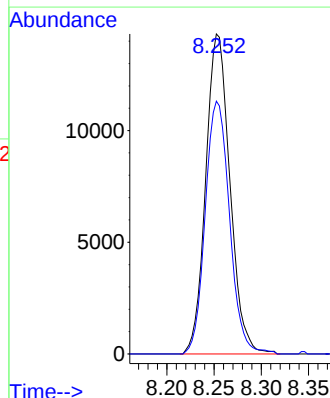
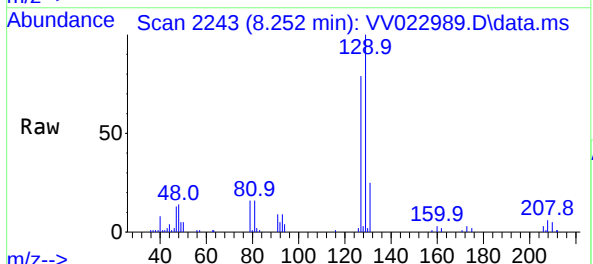
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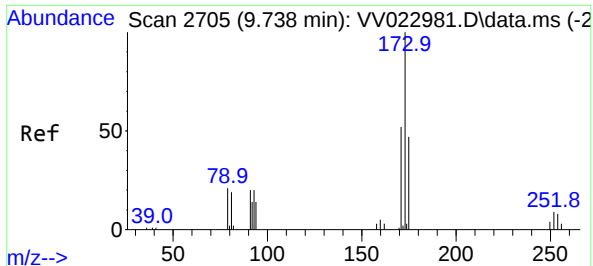
Tgt Ion: 83 Resp: 23143
Ion Ratio Lower Upper
83 100
85 65.8 46.1 85.7
127 9.5 7.2 10.8



#49
Dibromochloromethane
Concen: 3.553 ug/L
RT: 8.252 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VV022989.D
Acq: 22 Oct 2021 16:06

Tgt Ion: 129 Resp: 25517
Ion Ratio Lower Upper
129 100
127 79.0 54.7 101.7

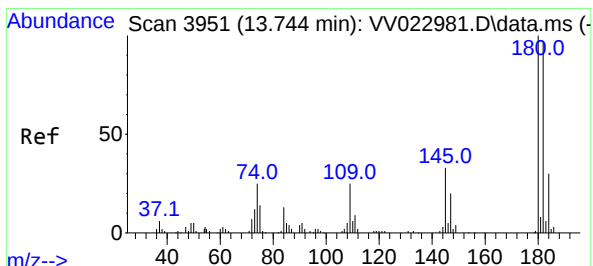
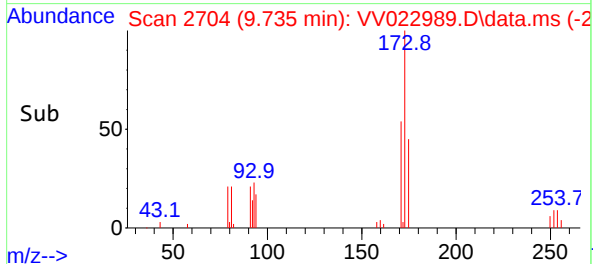
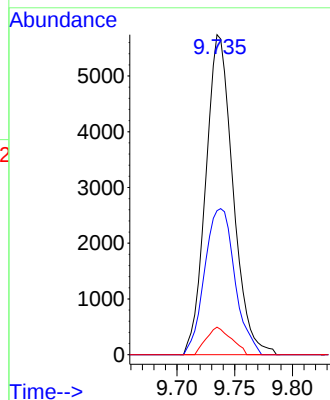
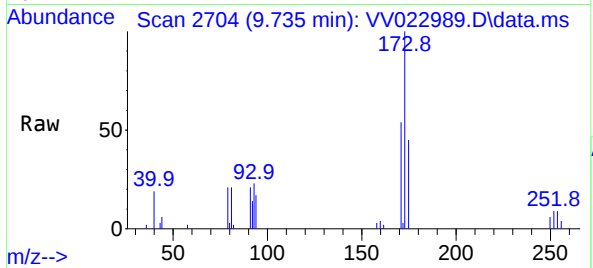




#59
Bromoform
Concen: 3.014 ug/L
RT: 9.735 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV022989.D
Acq: 22 Oct 2021 16:06

Instrument :
MSVOA_V
ClientSampleId :
BFGG4

Tgt Ion:173	Resp:	9416
Ion Ratio	Lower	Upper
173	100	
175	50.5	38.2 57.2
254	7.9	6.2 9.2



#72
1,2,3-Trichlorobenzene
Concen: 0.169 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.003 min
Lab File: VV022989.D
Acq: 22 Oct 2021 16:06

Tgt Ion:180	Resp:	1272
Ion Ratio	Lower	Upper
180	100	
182	91.4	76.7 115.1
145	31.4	25.7 38.5

