

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121621\
 Data File : VW024006.D
 Acq On : 16 Dec 2021 12:28
 Operator : SY/MD
 Sample : M4971-13DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3D0DL

Quant Time: Dec 17 02:00:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121021WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 16 04:44:29 2021
 Response via : Initial Calibration

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

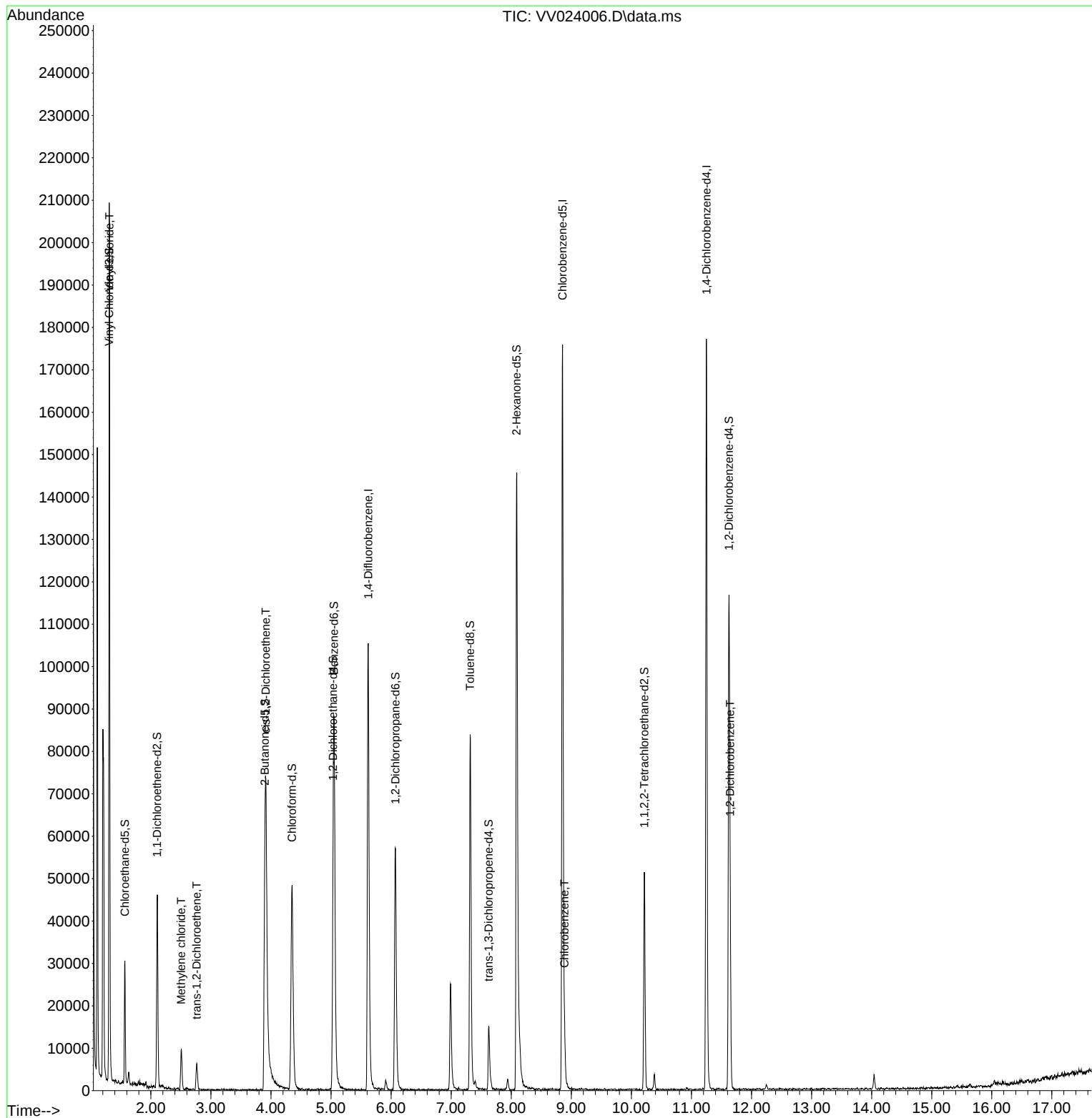
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	94777	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	98809	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	49119	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	15974	3.135	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	62.800%	
7) Chloroethane-d5	1.568	69	16197	3.810	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	76.200%	
11) 1,1-Dichloroethene-d2	2.105	63	22760	2.288	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	45.800%#	
20) 2-Butanone-d5	3.899	46	69203	69.520	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	139.040%#	
24) Chloroform-d	4.349	84	50851	4.406	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.200%	
26) 1,2-Dichloroethane-d4	5.034	65	26095	4.856	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.200%	
32) Benzene-d6	5.050	84	75789	3.873	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	77.400%	
36) 1,2-Dichloropropane-d6	6.072	67	27087	4.588	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.800%	
41) Toluene-d8	7.317	98	58097	3.297	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	66.000%#	
43) trans-1,3-Dichloroprop...	7.625	79	9767	3.987	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.800%	
46) 2-Hexanone-d5	8.088	63	50328	45.897	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.800%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	22592	4.612	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	29414	4.483	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.600%	
Target Compounds						
5) Vinyl chloride	1.310	62	90008	11.774	ug/L	100
16) Methylene chloride	2.506	84	3961	0.476	ug/L	93
18) trans-1,2-Dichloroethene	2.764	96	2549	0.362	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	28021	3.761	ug/L	98
51) Chlorobenzene	8.886	112	6946	0.330	ug/L	97
67) 1,2-Dichlorobenzene	11.644	146	14550	1.077	ug/L	99

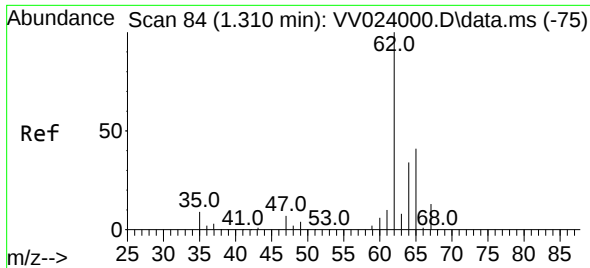
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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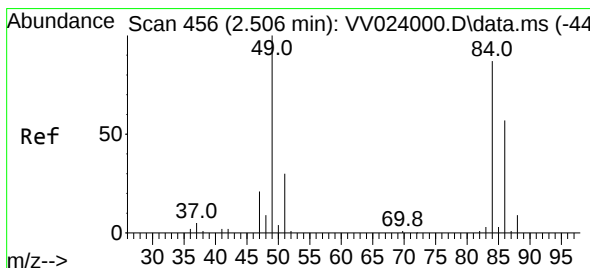
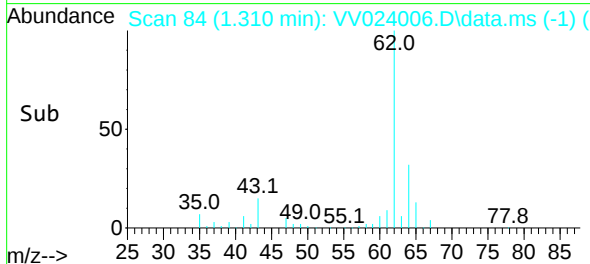
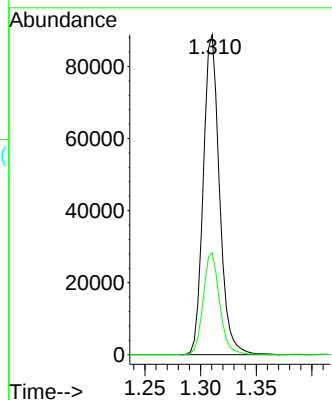
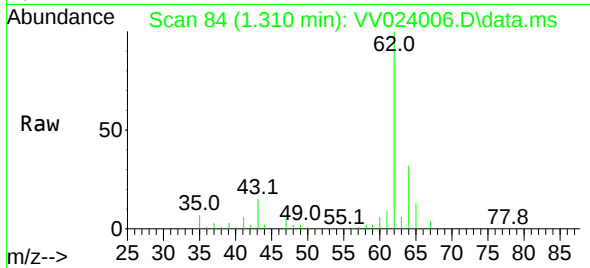




#5
 Vinyl chloride
 Concen: 11.774 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV024006.D
 Acq: 16 Dec 2021 12:28

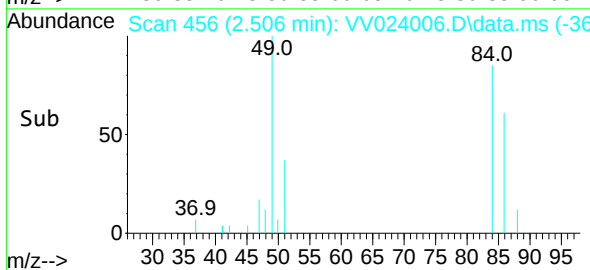
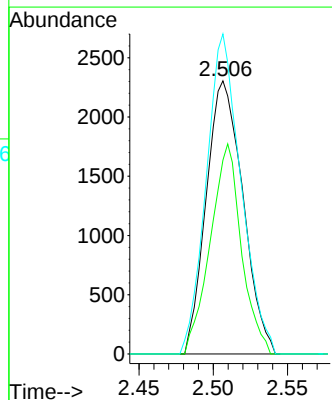
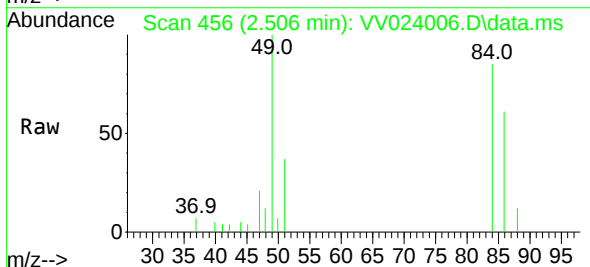
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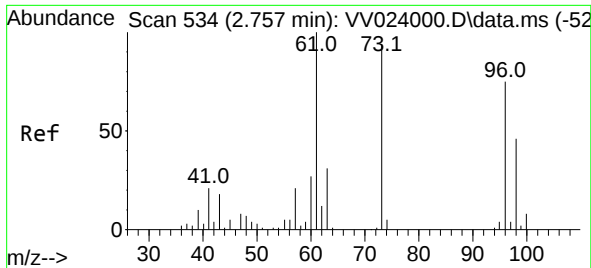
Tgt Ion: 62 Resp: 90008
 Ion Ratio Lower Upper
 62 100
 64 31.9 22.4 41.6



#16
 Methylene chloride
 Concen: 0.476 ug/L
 RT: 2.506 min Scan# 456
 Delta R.T. -0.000 min
 Lab File: VV024006.D
 Acq: 16 Dec 2021 12:28

Tgt Ion: 84 Resp: 3961
 Ion Ratio Lower Upper
 84 100
 86 70.9 42.6 79.0
 49 117.1 79.7 147.9

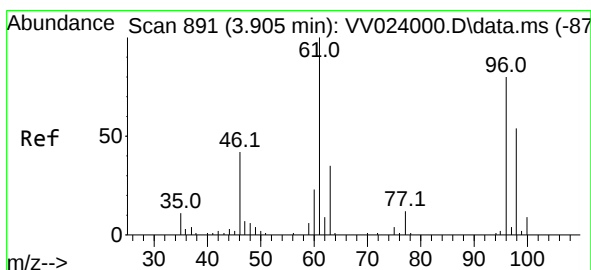
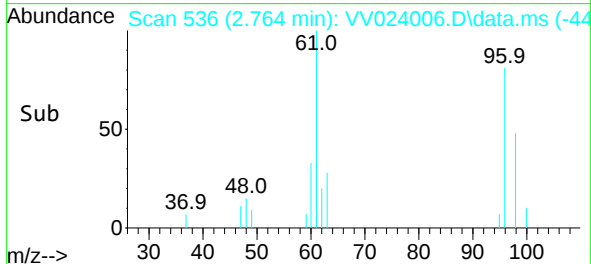
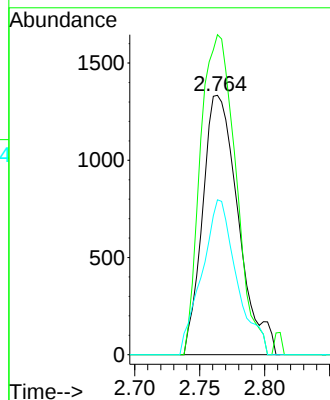
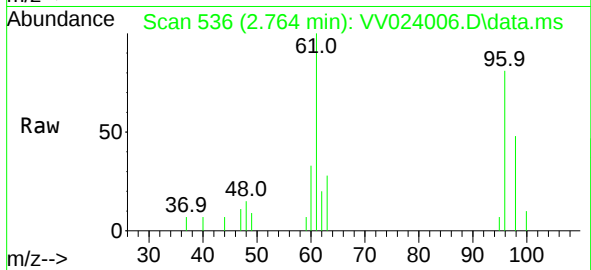




#18
trans-1,2-Dichloroethene
Concen: 0.362 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV024006.D
Acq: 16 Dec 2021 12:28

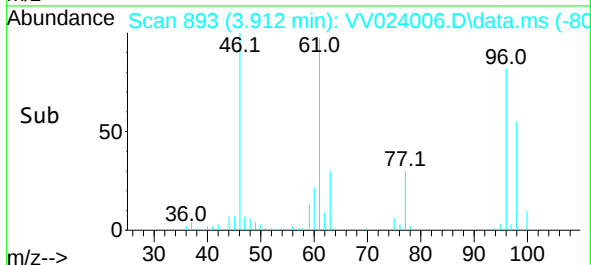
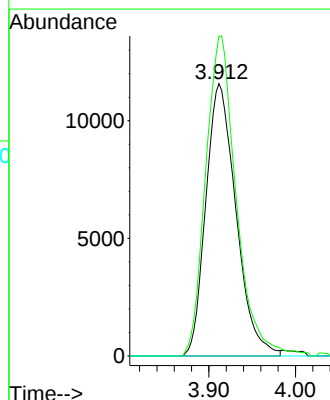
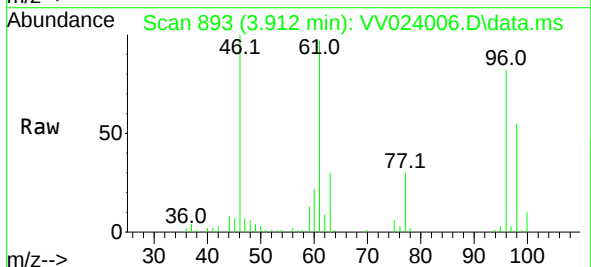
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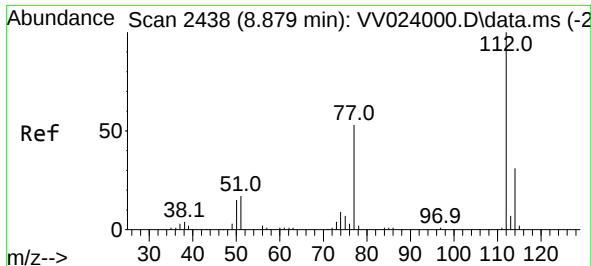
Tgt Ion: 96 Resp: 2549
Ion Ratio Lower Upper
96 100
61 123.4 88.2 163.8
98 59.7 44.9 83.5



#22
cis-1,2-Dichloroethene
Concen: 3.761 ug/L
RT: 3.912 min Scan# 893
Delta R.T. -0.000 min
Lab File: VV024006.D
Acq: 16 Dec 2021 12:28

Tgt Ion: 96 Resp: 28021
Ion Ratio Lower Upper
96 100
61 117.3 83.4 154.8
68 0.0 0.0 0.0

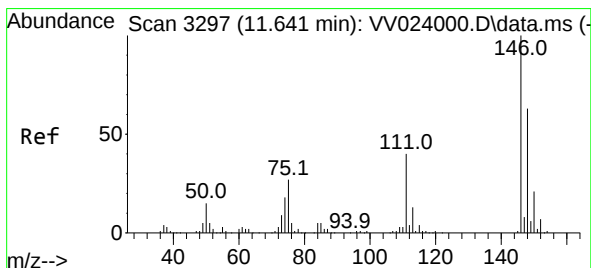
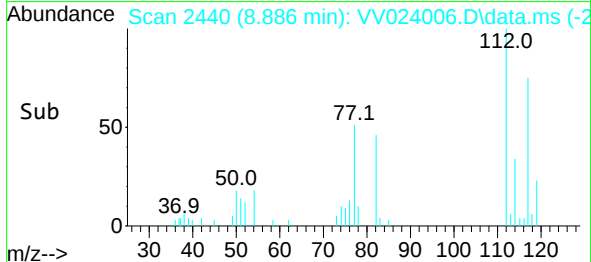
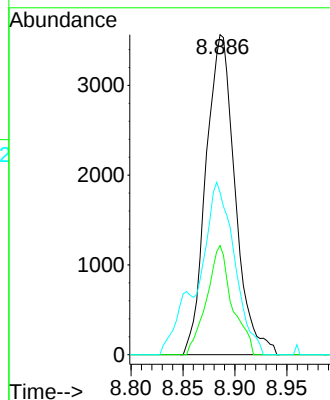
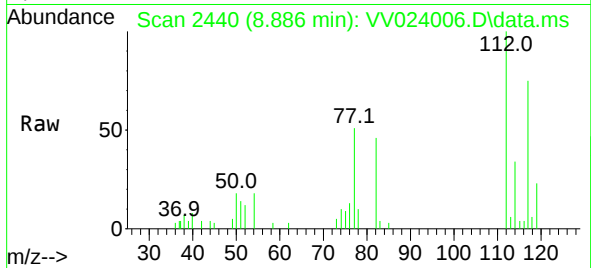




#51
Chlorobenzene
Concen: 0.330 ug/L
RT: 8.886 min Scan# 2438
Delta R.T. 0.006 min
Lab File: VV024006.D
Acq: 16 Dec 2021 12:28

Instrument :
MSVOA_V
ClientSampleId :
BG3D0DL

Tgt Ion:112 Resp: 6946
Ion Ratio Lower Upper
112 100
114 34.1 23.3 43.3
77 50.7 43.3 64.9



#67
1,2-Dichlorobenzene
Concen: 1.077 ug/L
RT: 11.644 min Scan# 3298
Delta R.T. 0.003 min
Lab File: VV024006.D
Acq: 16 Dec 2021 12:28

Tgt Ion:146 Resp: 14550
Ion Ratio Lower Upper
146 100
111 39.6 31.9 47.9
148 64.1 50.5 75.7

