

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042023\
 Data File : VW030712.D
 Acq On : 20 Apr 2023 13:24
 Operator : SY/MD
 Sample : 02411-12
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AR5

Quant Time: Apr 21 00:17:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 21 00:14:50 2023
 Response via : Initial Calibration

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

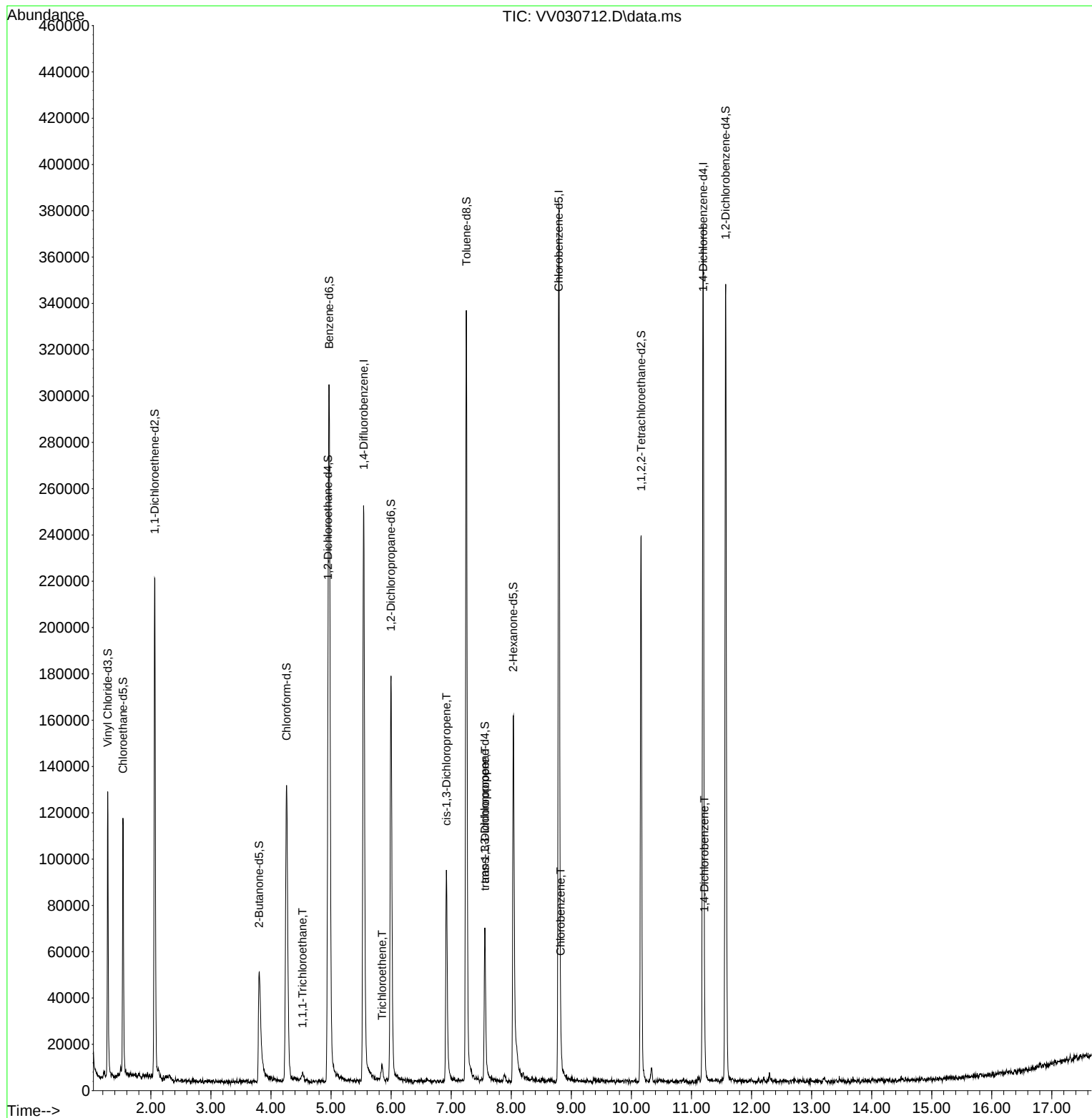
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	213991	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	203764	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	99645	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	77117	49.159	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	98.320%		
7) Chloroethane-d5	1.535	69	65371	49.728	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	99.460%		
11) 1,1-Dichloroethene-d2	2.063	65	36715	49.352	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.700%		
21) 2-Butanone-d5	3.802	46	81285	94.338	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.340%		
24) Chloroform-d	4.259	84	134591	47.343	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.680%		
26) 1,2-Dichloroethane-d4	4.950	65	93345	51.071	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.140%		
32) Benzene-d6	4.969	84	251653	52.237	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	104.480%		
36) 1,2-Dichloropropane-d6	5.998	67	77292	51.650	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	103.300%		
41) Toluene-d8	7.252	98	217354	48.053	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.100%		
43) trans-1,3-Dichloroprop...	7.561	79	37148	49.252	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.500%		
47) 2-Hexanone-d5	8.034	63	54716	92.815	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	92.820%		
56) 1,1,2,2-Tetrachloroeth...	10.162	84	103609	47.714	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.420%		
66) 1,2-Dichlorobenzene-d4	11.570	152	86259	54.463	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	108.920%		
Target Compounds						Qvalue
30) 1,1,1-Trichloroethane	4.526	97	2089	0.730	ug/L #	60
34) Trichloroethene	5.850	95	1846	1.147	ug/L	85
39) cis-1,3-Dichloropropene	6.921	75	2799	1.120	ug/L #	26
44) trans-1,3-Dichloropropene	7.564	75	2317	0.943	ug/L	99
51) Chlorobenzene	8.821	112	2227	0.507	ug/L #	80
65) 1,4-Dichlorobenzene	11.217	146	1986	0.605	ug/L #	81

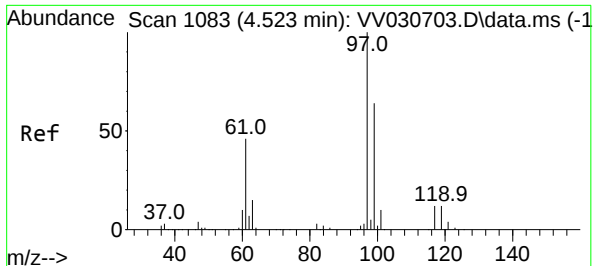
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Apr 21 00:14:50 2023
Response via : Initial Calibration





#30

1,1,1-Trichloroethane

Concen: 0.730 ug/L

RT: 4.526 min Scan# 1083

Delta R.T. 0.003 min

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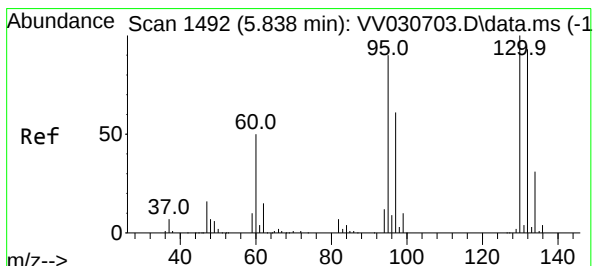
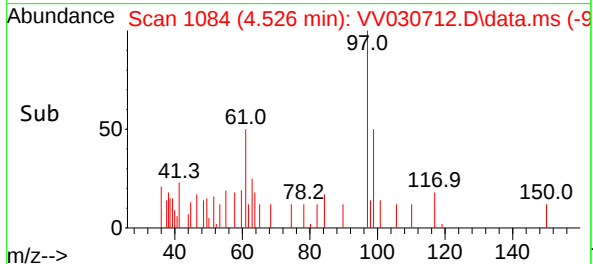
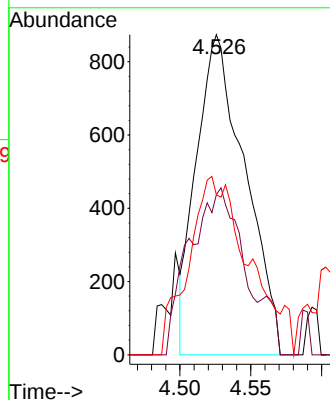
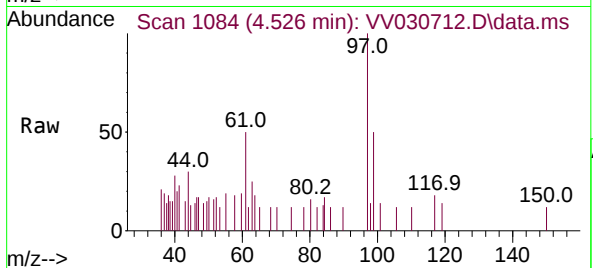
Tgt Ion: 97 Resp: 2089

Ion Ratio Lower Upper

97 100

99 18.8 51.4 77.0#

61 36.8 37.0 55.6#



#34

Trichloroethene

Concen: 1.147 ug/L

RT: 5.850 min Scan# 1496

Delta R.T. 0.013 min

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Acq: 20 Apr 2023 13:24

Tgt Ion: 95 Resp: 1846

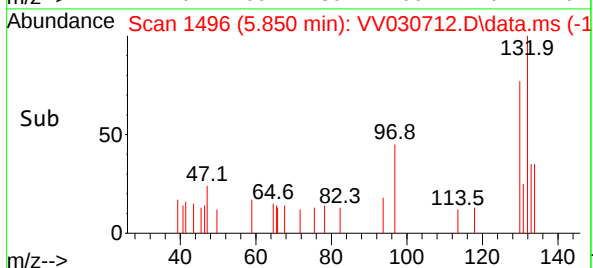
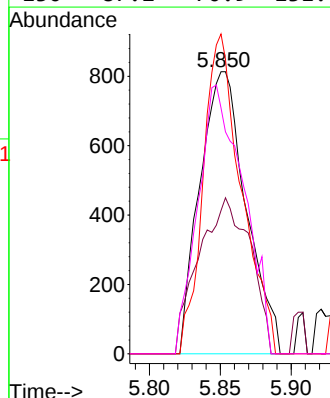
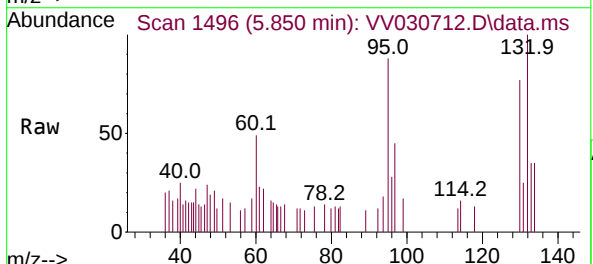
Ion Ratio Lower Upper

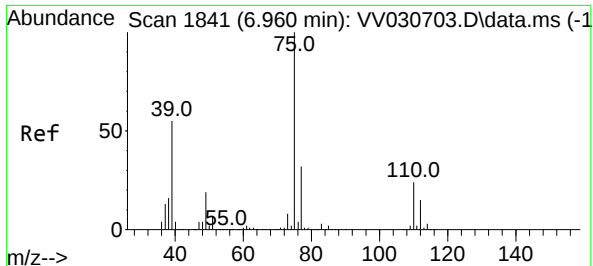
95 100

97 50.8 45.8 85.2

132 113.4 70.6 131.2

130 87.2 70.9 131.7





#39

cis-1,3-Dichloropropene

Concen: 1.120 ug/L

RT: 6.921 min Scan# 11

Delta R.T. -0.039 min

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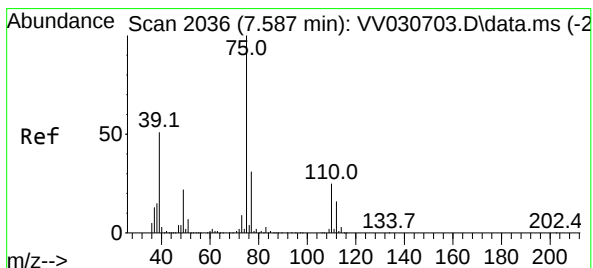
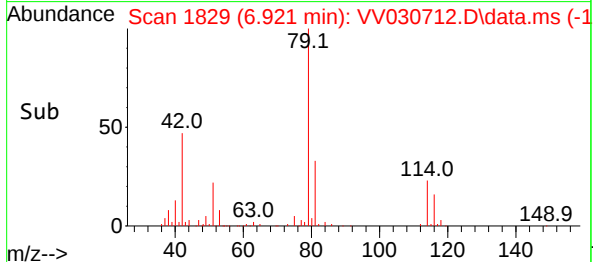
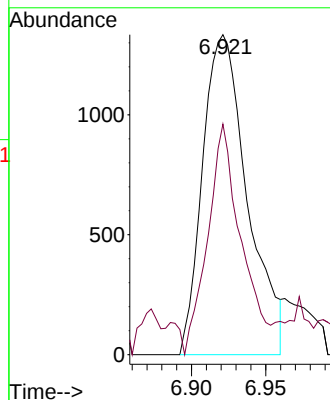
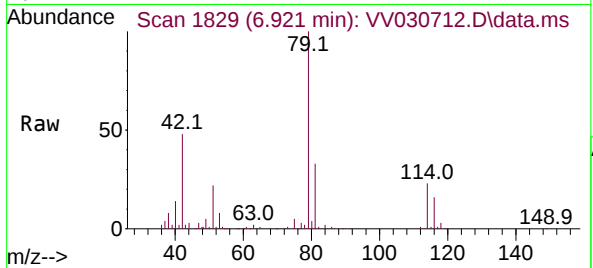
C0AR5

Tgt Ion: 75 Resp: 2799

Ion Ratio Lower Upper

75 100

77 72.0 22.0 40.8#



#44

trans-1,3-Dichloropropene

Concen: 0.943 ug/L

RT: 7.564 min Scan# 2029

Delta R.T. -0.023 min

Lab File: VV030712.D

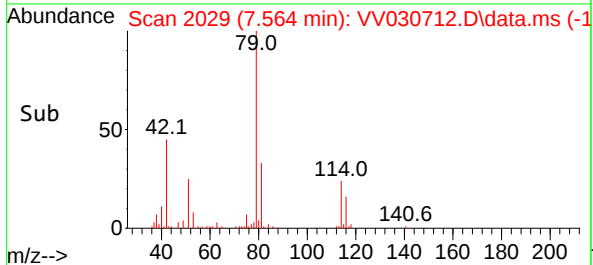
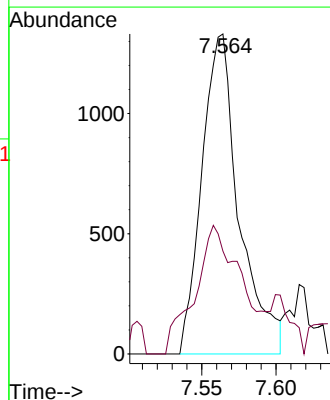
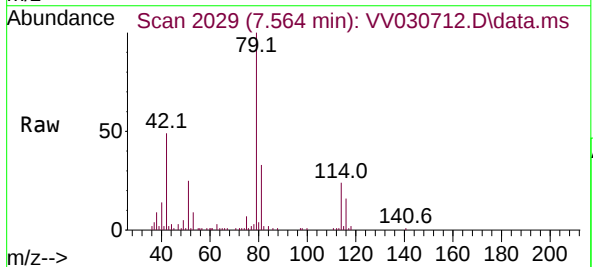
Acq: 20 Apr 2023 13:24

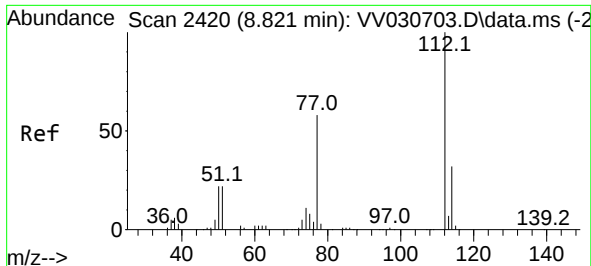
Tgt Ion: 75 Resp: 2317

Ion Ratio Lower Upper

75 100

77 32.2 22.1 41.1

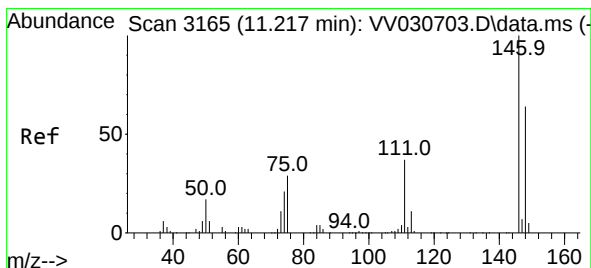
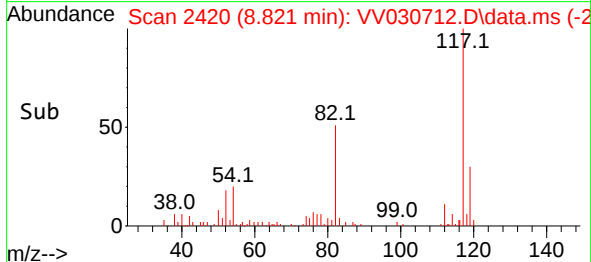
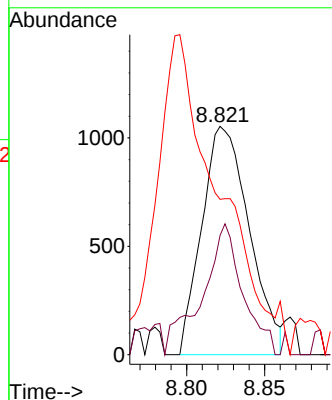
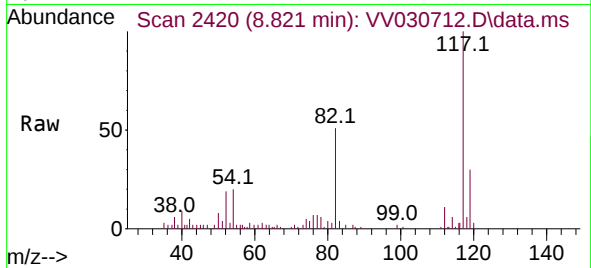




#51
Chlorobenzene
Concen: 0.507 ug/L
RT: 8.821 min Scan# 2420
Delta R.T. -0.000 min
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Instrument :
MSVOA_V
ClientSampleId :
C0AR5

Tgt Ion:112 Resp: 2227
Ion Ratio Lower Upper
112 100
114 52.2 22.4 41.6#
77 68.1 47.4 71.0



#65
1,4-Dichlorobenzene
Concen: 0.605 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. -0.000 min
Lab File: VV030712.D
Acq: 20 Apr 2023 13:24

Tgt Ion:146 Resp: 1986
Ion Ratio Lower Upper
146 100
111 59.2 26.5 49.1#
148 71.0 44.7 83.1

