

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042423\
 Data File : VW030795.D
 Acq On : 24 Apr 2023 16:10
 Operator : SY/MD
 Sample : 02419-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW8Y6

Quant Time: Apr 25 03:23:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 22 00:43:23 2023
 Response via : Initial Calibration

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

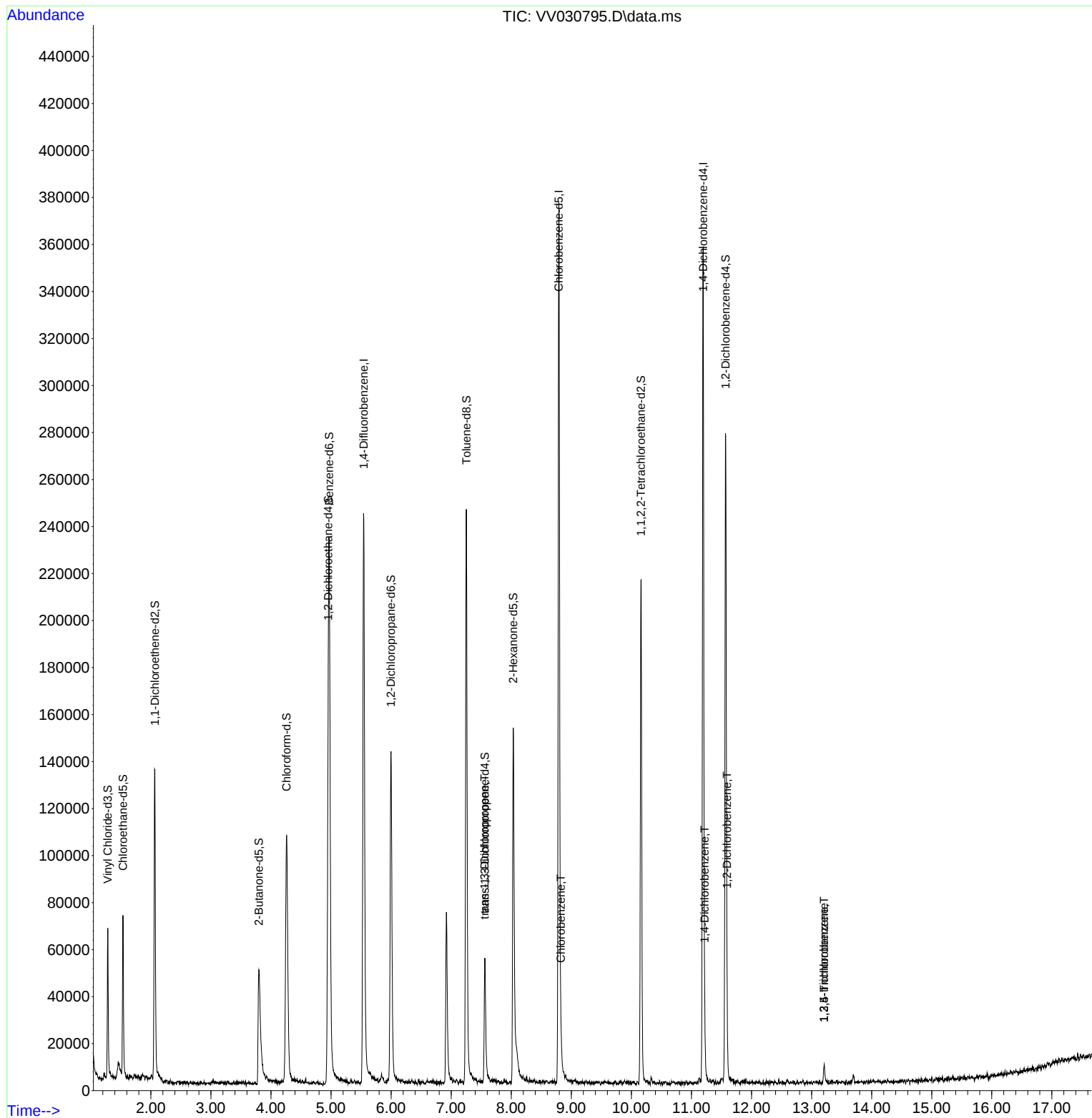
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	203253	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	198123	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	94451	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	41055	27.554	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	55.100%#		
7) Chloroethane-d5	1.536	69	39935	31.983	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	63.960%#		
11) 1,1-Dichloroethene-d2	2.066	65	22661	32.070	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.140%		
21) 2-Butanone-d5	3.799	46	82888	101.281	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	101.280%		
24) Chloroform-d	4.259	84	107934	39.972	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.940%		
26) 1,2-Dichloroethane-d4	4.953	65	78972	45.490	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.980%		
32) Benzene-d6	4.970	84	189237	40.399	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	80.800%		
36) 1,2-Dichloropropane-d6	5.998	67	61419	42.211	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.420%		
41) Toluene-d8	7.252	98	163763	37.236	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	74.480%#		
43) trans-1,3-Dichloroprop...	7.561	79	30034	40.954	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.900%		
47) 2-Hexanone-d5	8.034	63	50557	88.202	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.200%		
56) 1,1,2,2-Tetrachloroeth...	10.159	84	94143	44.590	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.180%		
66) 1,2-Dichlorobenzene-d4	11.567	152	68816	45.839	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.680%		
Target Compounds						Qvalue
44) trans-1,3-Dichloropropene	7.558	75	1886	0.790	ug/L	# 65
51) Chlorobenzene	8.825	112	7195	1.686	ug/L	96
65) 1,4-Dichlorobenzene	11.220	146	4584	1.474	ug/L	98
67) 1,2-Dichlorobenzene	11.590	146	6460	2.171	ug/L	89
69) 1,3,5-Trichlorobenzene	13.207	180	2394	1.075	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	2394	1.266	ug/L	100

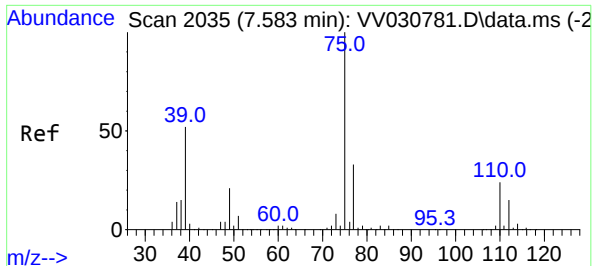
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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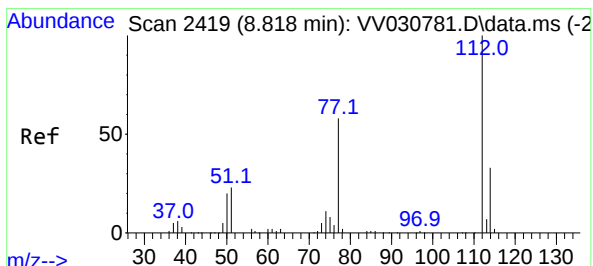
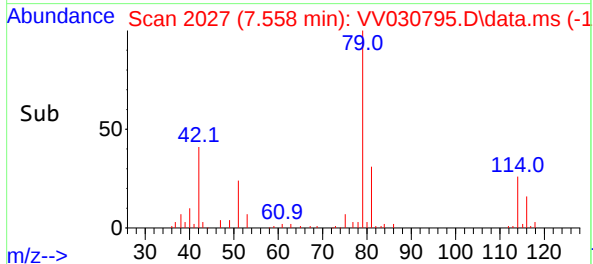
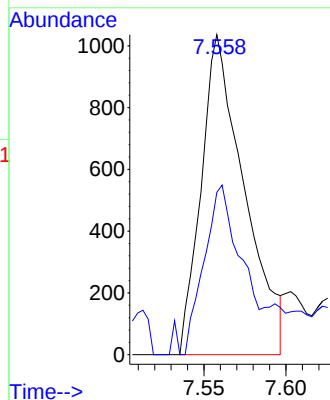
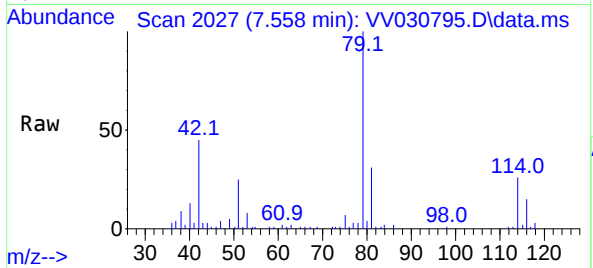




#44
trans-1,3-Dichloropropene
Concen: 0.790 ug/L
RT: 7.558 min Scan# 2035
Delta R.T. -0.029 min
Lab File: VV030795.D
Acq: 24 Apr 2023 16:10

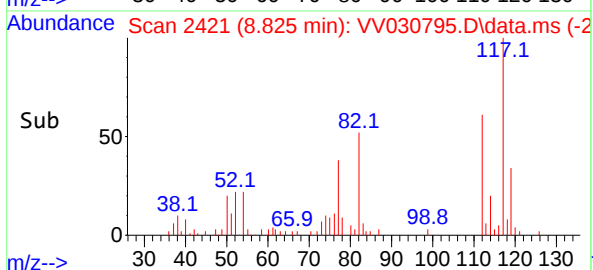
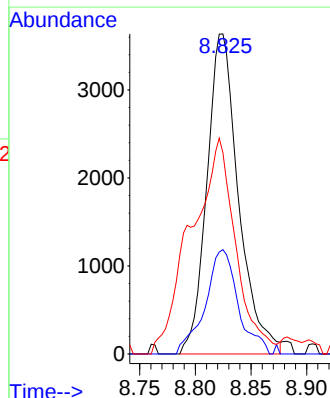
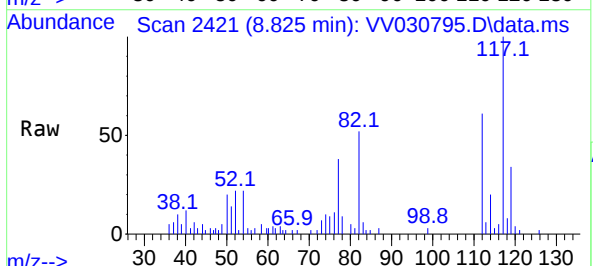
Instrument :
MSVOA_V
ClientSampleId :
EW8Y6

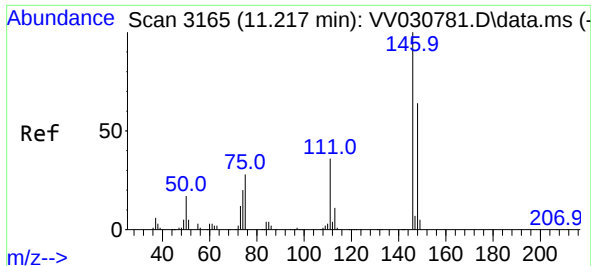
Tgt Ion: 75 Resp: 1886
Ion Ratio Lower Upper
75 100
77 50.8 22.1 41.1#



#51
Chlorobenzene
Concen: 1.686 ug/L
RT: 8.825 min Scan# 2421
Delta R.T. 0.003 min
Lab File: VV030795.D
Acq: 24 Apr 2023 16:10

Tgt Ion: 112 Resp: 7195
Ion Ratio Lower Upper
112 100
114 32.6 22.4 41.6
77 62.9 47.4 71.0

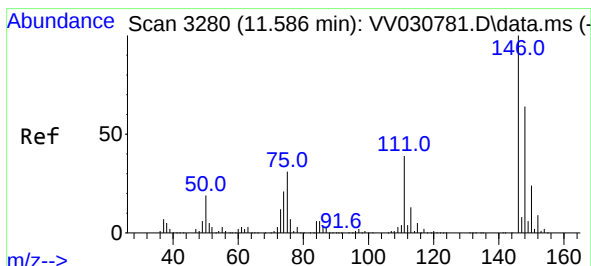
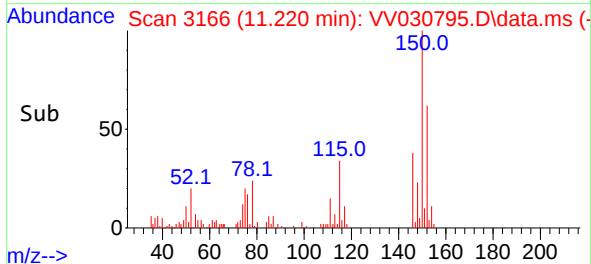
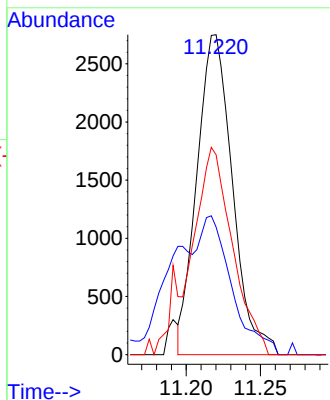
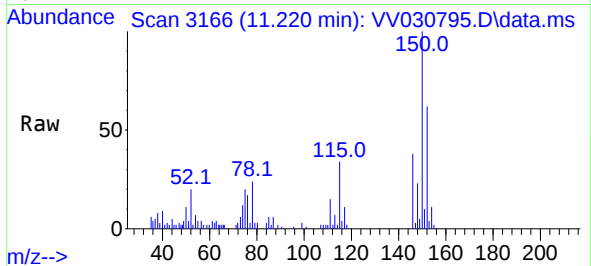




#65
1,4-Dichlorobenzene
Concen: 1.474 ug/L
RT: 11.220 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VV030795.D
Acq: 24 Apr 2023 16:10

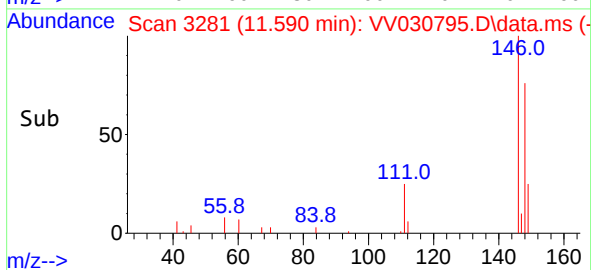
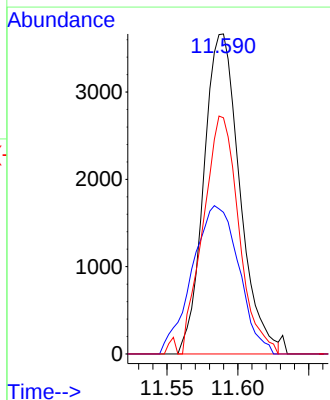
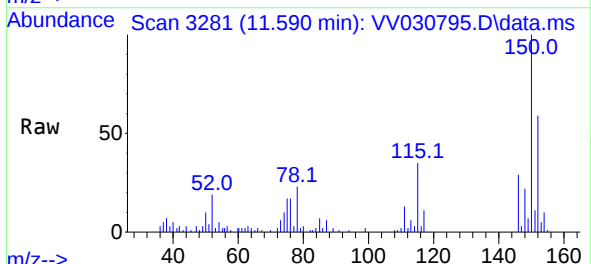
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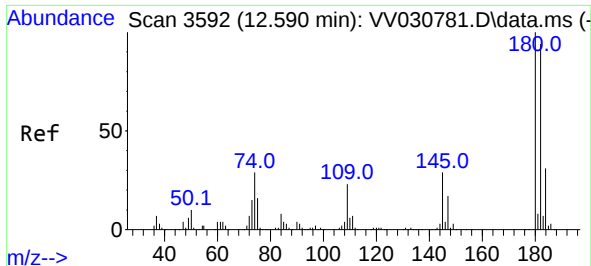
Tgt Ion:	146	Resp:	4584
Ion	Ratio	Lower	Upper
146	100		
111	39.8	26.5	49.1
148	62.5	44.7	83.1



#67
1,2-Dichlorobenzene
Concen: 2.171 ug/L
RT: 11.590 min Scan# 3281
Delta R.T. 0.003 min
Lab File: VV030795.D
Acq: 24 Apr 2023 16:10

Tgt Ion:	146	Resp:	6460
Ion	Ratio	Lower	Upper
146	100		
111	44.2	32.0	48.0
148	73.8	50.6	76.0





#69

1,3,5-Trichlorobenzene

Concen: 1.075 ug/L

RT: 13.207 min Scan# 31

Delta R.T. 0.617 min

Lab File: VV030795.D

Acq: 24 Apr 2023 16:10

Instrument :

MSVOA_V

ClientSampleId :

EW8Y6

Tgt Ion:180 Resp: 2394

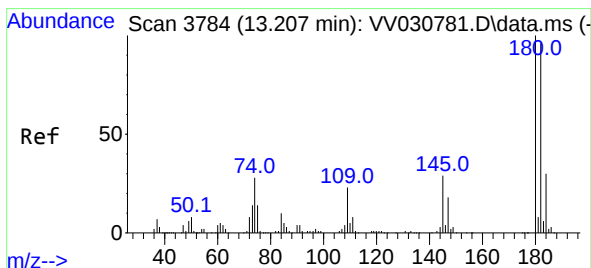
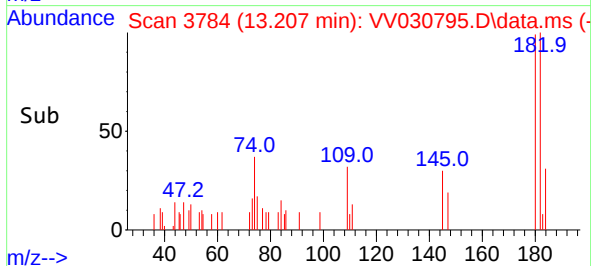
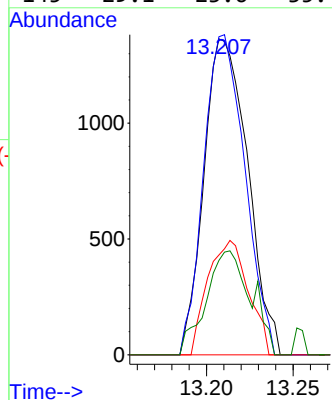
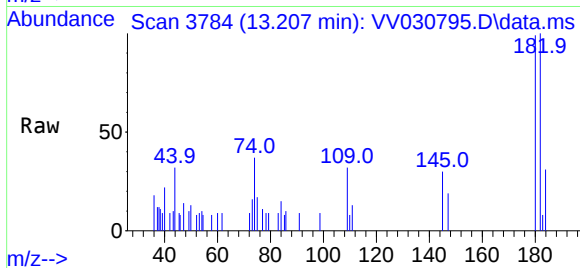
Ion Ratio Lower Upper

180 100

182 95.3 76.4 114.6

184 33.6 24.1 36.1

145 29.1 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 1.266 ug/L

RT: 13.207 min Scan# 3784

Delta R.T. -0.000 min

Lab File: VV030795.D

Acq: 24 Apr 2023 16:10

Tgt Ion:180 Resp: 2394

Ion Ratio Lower Upper

180 100

182 95.3 75.9 113.9

145 29.1 23.4 35.2

