

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042023\
 Data File : VW030746.D
 Acq On : 21 Apr 2023 03:17
 Operator : SY/MD
 Sample : 02440-15 100X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COMR0

Quant Time: Apr 21 06:15:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 21 01:37:39 2023
 Response via : Initial Calibration

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

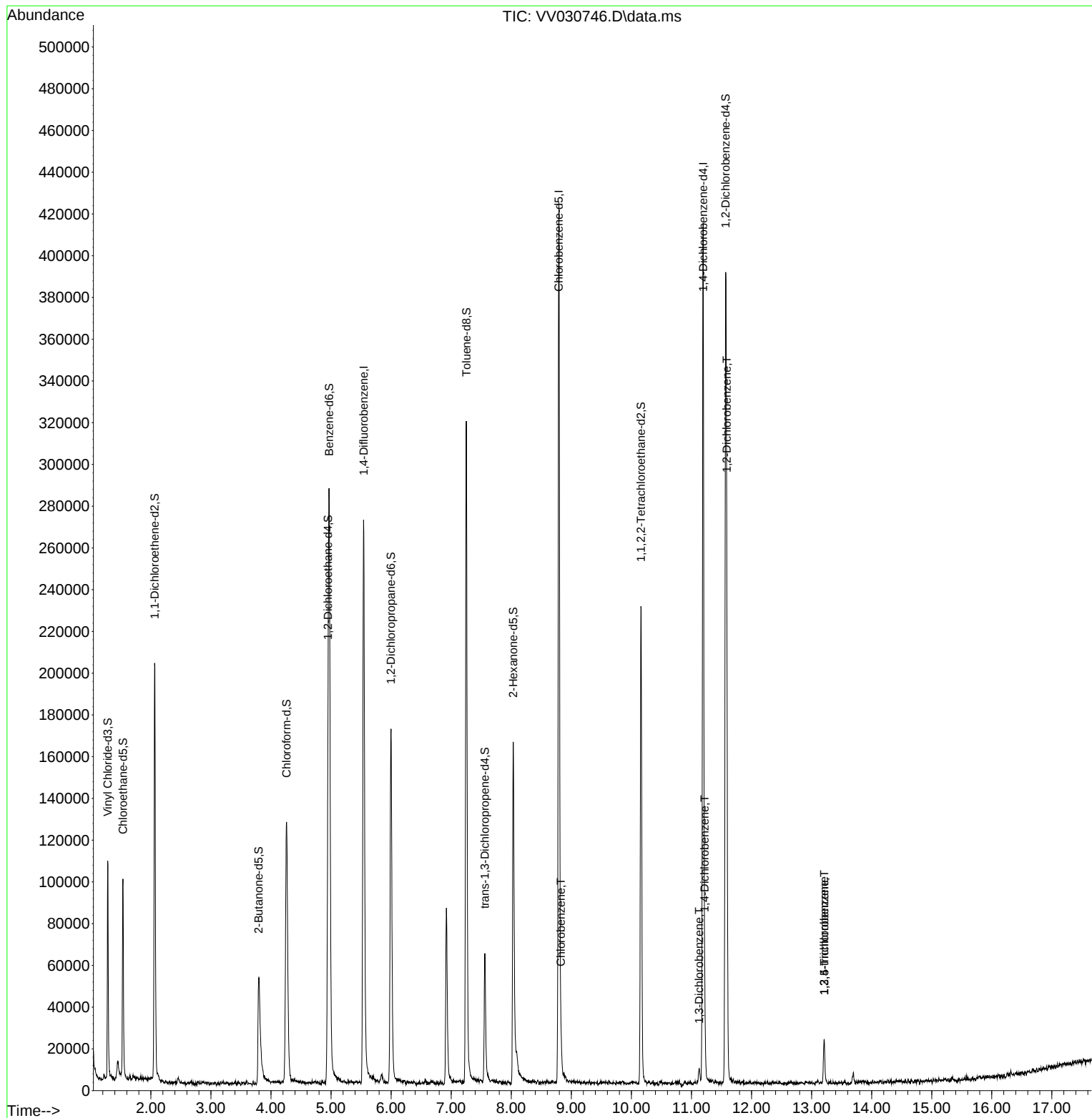
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	225236	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	220080	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	106983	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	68464	41.464	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.920%
7) Chloroethane-d5	1.536	69	56500	40.834	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.660%
11) 1,1-Dichloroethene-d2	2.063	65	33769	43.126	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.260%
21) 2-Butanone-d5	3.796	46	86504	95.383	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.380%
24) Chloroform-d	4.259	84	129960	43.432	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.860%
26) 1,2-Dichloroethane-d4	4.950	65	90728	47.161	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.320%
32) Benzene-d6	4.970	84	235069	45.177	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.360%
36) 1,2-Dichloropropane-d6	5.998	67	71229	44.070	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.140%
41) Toluene-d8	7.252	98	207235	42.419	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.840%
43) trans-1,3-Dichloroprop...	7.561	79	33031	40.547	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.100%
47) 2-Hexanone-d5	8.034	63	53705	84.347	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.350%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	100067	42.667	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.340%
66) 1,2-Dichlorobenzene-d4	11.571	152	84954	49.960	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.920%
Target Compounds						
					Qvalue	
51) Chlorobenzene	8.825	112	8727	1.841	ug/L	97
64) 1,3-Dichlorobenzene	11.130	146	2921	0.874	ug/L	93
65) 1,4-Dichlorobenzene	11.220	146	12993	3.689	ug/L	98
67) 1,2-Dichlorobenzene	11.587	146	69930	20.751	ug/L	96
69) 1,3,5-Trichlorobenzene	13.210	180	6211	2.461	ug/L	96
70) 1,2,4-trichlorobenzene	13.210	180	6211	2.899	ug/L	96

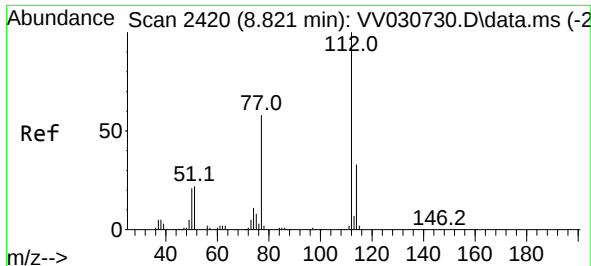
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Apr 21 01:37:39 2023
Response via : Initial Calibration





#51

Chlorobenzene

Concen: 1.841 ug/L

RT: 8.825 min Scan# 2420

Delta R.T. 0.003 min

Lab File: VV030746.D

Acq: 21 Apr 2023 03:17

Instrument :

MSVOA_V

ClientSampleId :

COMRO

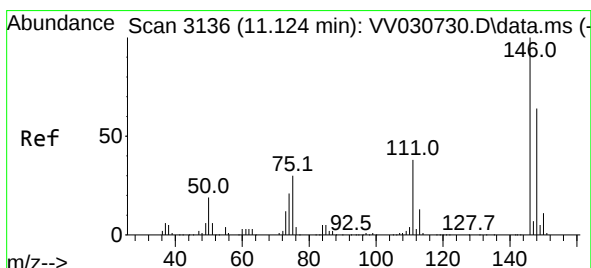
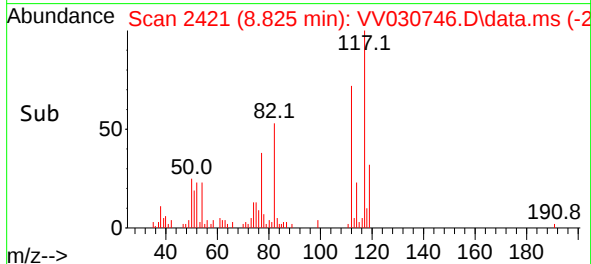
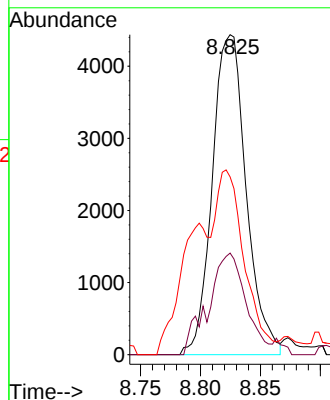
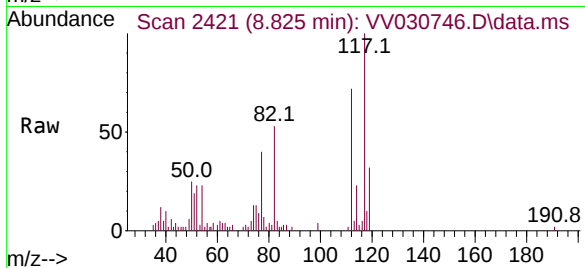
Tgt Ion:112 Resp: 8727

Ion Ratio Lower Upper

112 100

114 31.7 22.4 41.6

77 55.6 47.4 71.0



#64

1,3-Dichlorobenzene

Concen: 0.874 ug/L

RT: 11.130 min Scan# 3138

Delta R.T. 0.006 min

Lab File: VV030746.D

Acq: 21 Apr 2023 03:17

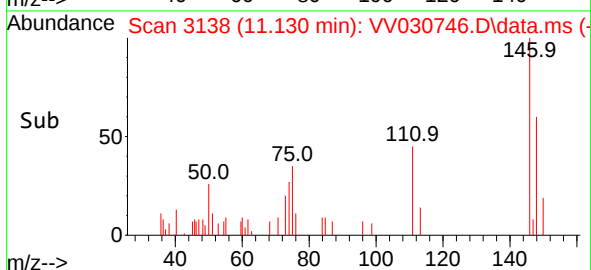
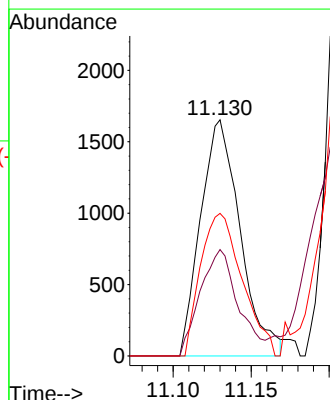
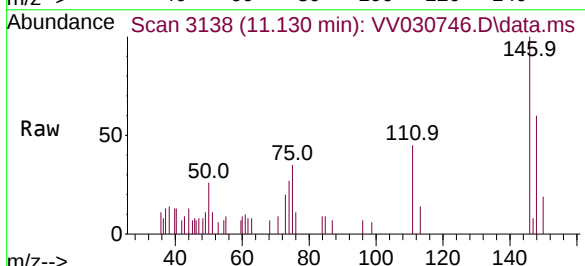
Tgt Ion:146 Resp: 2921

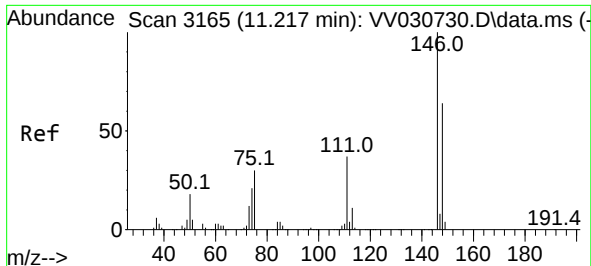
Ion Ratio Lower Upper

146 100

111 45.0 27.0 50.2

148 60.3 44.8 83.2

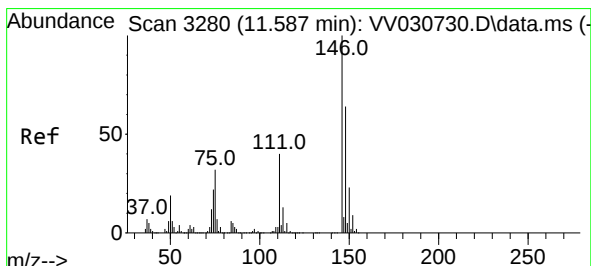
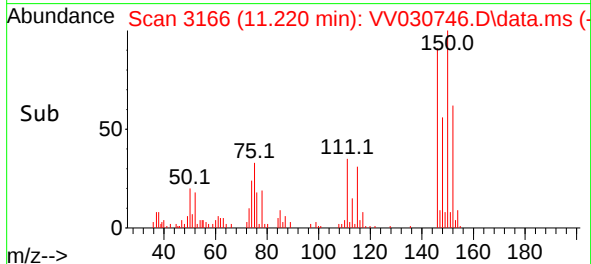
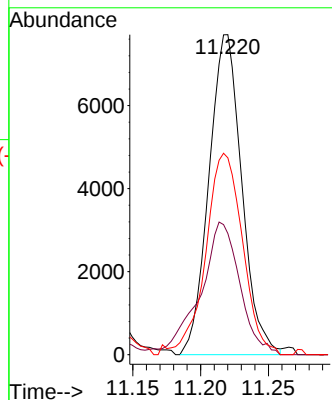
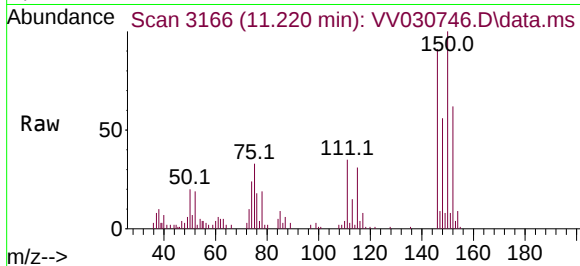




#65
1,4-Dichlorobenzene
Concen: 3.689 ug/L
RT: 11.220 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VV030746.D
Acq: 21 Apr 2023 03:17

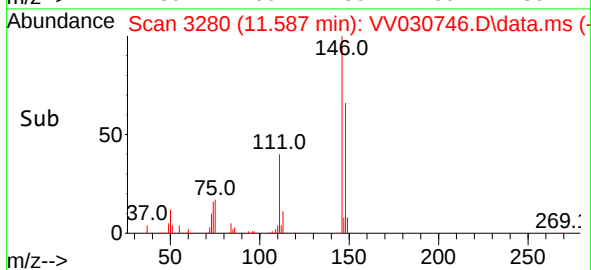
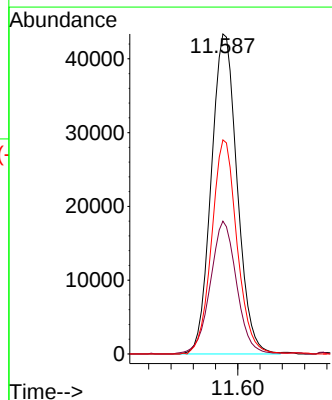
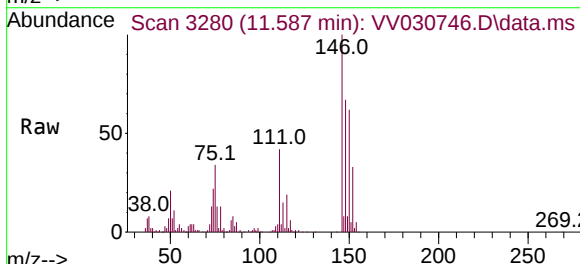
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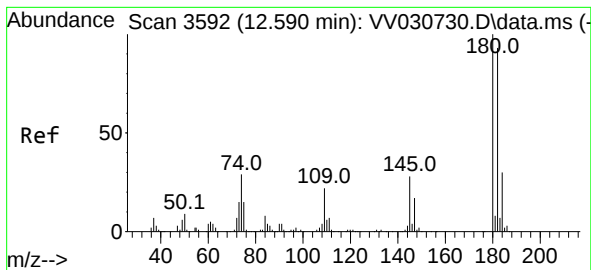
Tgt Ion:146 Resp: 12993
Ion Ratio Lower Upper
146 100
111 37.9 26.5 49.1
148 61.5 44.7 83.1



#67
1,2-Dichlorobenzene
Concen: 20.751 ug/L
RT: 11.587 min Scan# 3280
Delta R.T. 0.000 min
Lab File: VV030746.D
Acq: 21 Apr 2023 03:17

Tgt Ion:146 Resp: 69930
Ion Ratio Lower Upper
146 100
111 41.5 32.0 48.0
148 66.9 50.6 76.0





#69

1,3,5-Trichlorobenzene

Concen: 2.461 ug/L

RT: 13.210 min Scan# 31

Delta R.T. 0.621 min

Lab File: VV030746.D

Acq: 21 Apr 2023 03:17

Instrument :

MSVOA_V

ClientSampleId :

COMR0

Tgt Ion:180 Resp: 6211

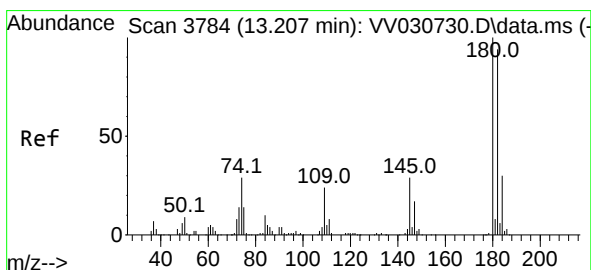
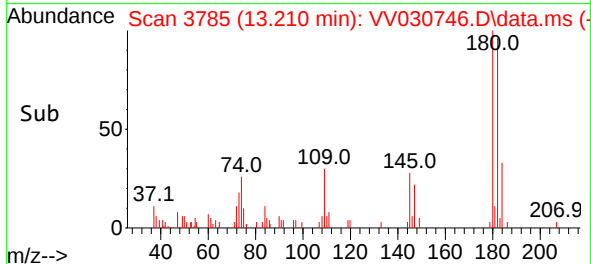
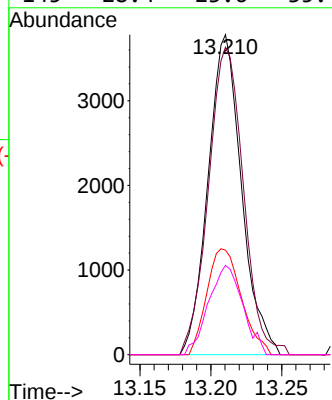
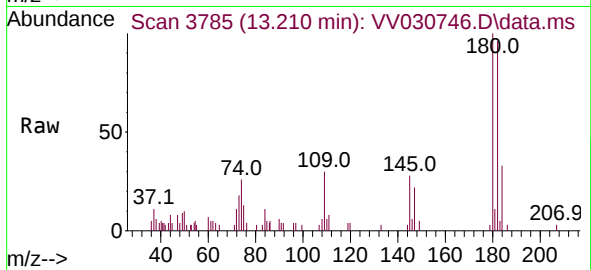
Ion Ratio Lower Upper

180 100

182 99.6 76.4 114.6

184 34.1 24.1 36.1

145 28.4 23.6 35.4



#70

1,2,4-trichlorobenzene

Concen: 2.899 ug/L

RT: 13.210 min Scan# 3785

Delta R.T. 0.003 min

Lab File: VV030746.D

Acq: 21 Apr 2023 03:17

Tgt Ion:180 Resp: 6211

Ion Ratio Lower Upper

180 100

182 99.6 75.9 113.9

145 28.4 23.4 35.2

