

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
 Data File : VX045991.D
 Acq On : 30 Apr 2025 12:32
 Operator : JC/MD
 Sample : Q1914-14
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB04282025

Quant Time: May 01 03:36:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	59292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	117758	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	108001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	46147	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60175	55.497	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.000%
35) Dibromofluoromethane	5.379	113	43965	52.622	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.240%
50) Toluene-d8	8.647	98	146264	50.156	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.320%
62) 4-Bromofluorobenzene	11.079	95	54025	50.860	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	101.720%

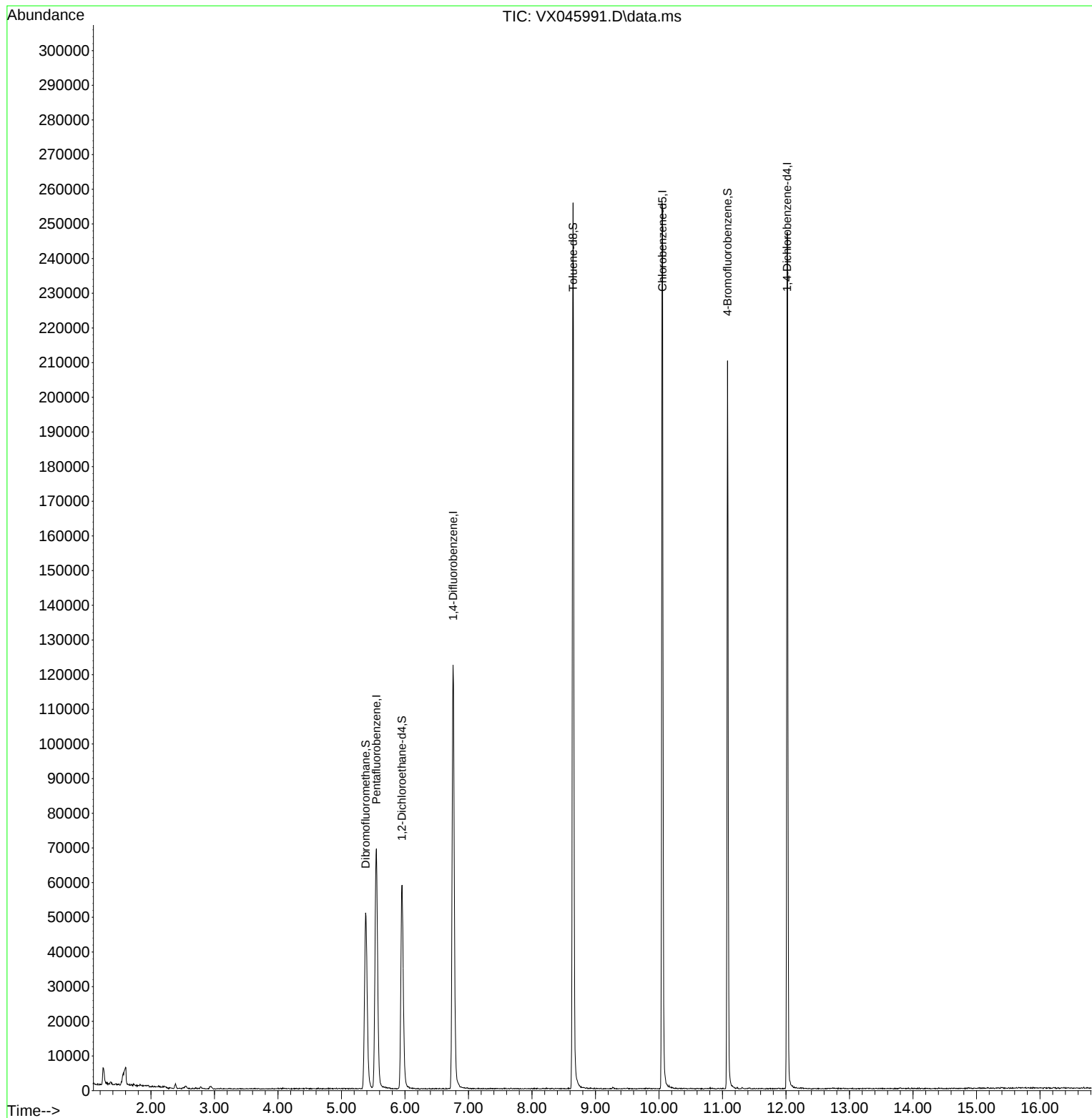
Target Compounds	Qvalue

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

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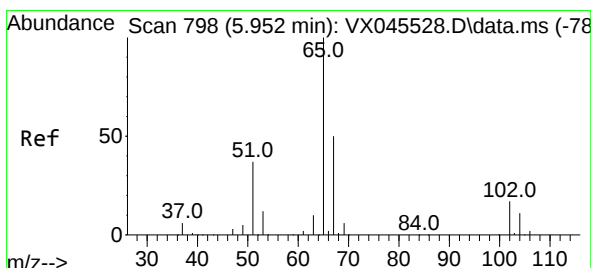
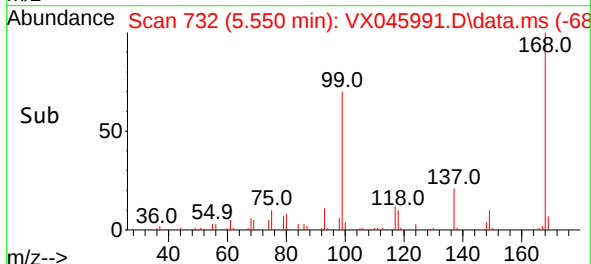
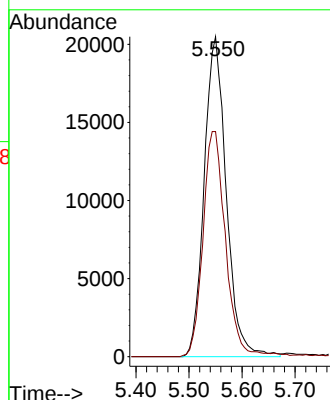
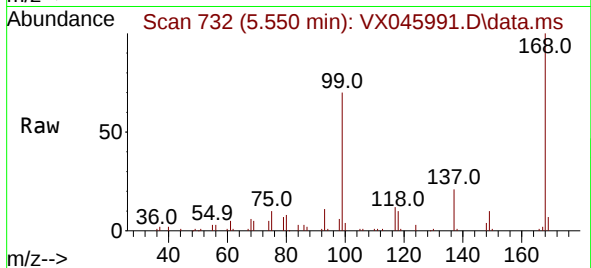




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX045991.D
Acq: 30 Apr 2025 12:32

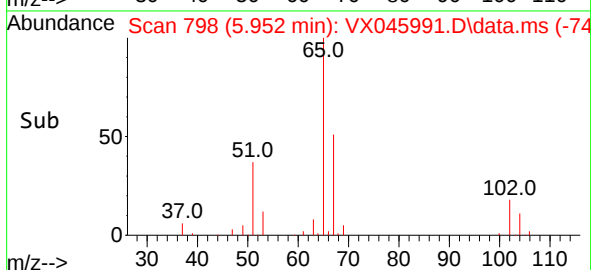
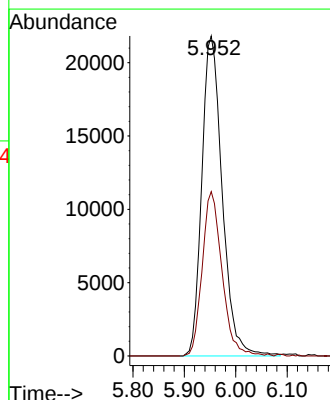
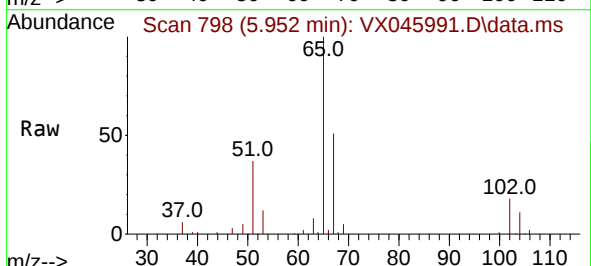
Instrument :
MSVOA_X
ClientSampleId :
FB04282025

Tgt Ion:168 Resp: 59292
Ion Ratio Lower Upper
168 100
99 70.3 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 55.497 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045991.D
Acq: 30 Apr 2025 12:32

Tgt Ion: 65 Resp: 60175
Ion Ratio Lower Upper
65 100
67 49.8 0.0 99.0

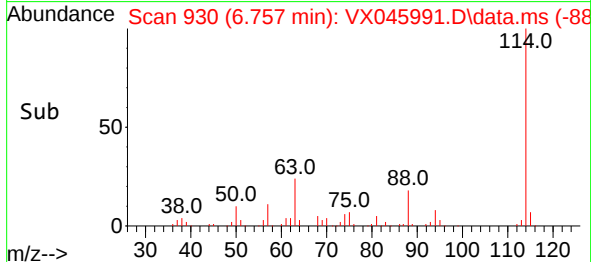
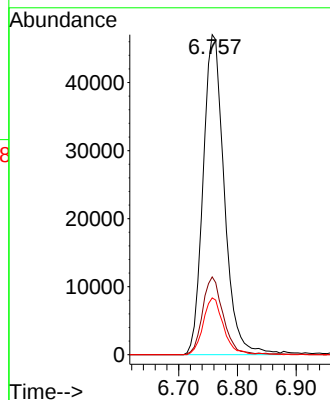
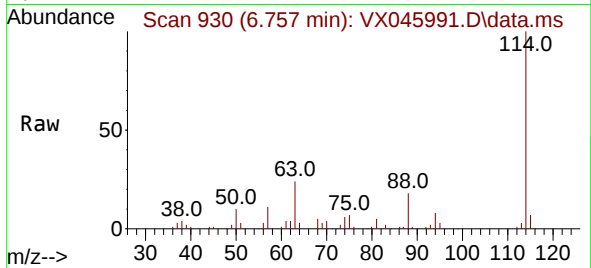




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX045991.D
Acq: 30 Apr 2025 12:32

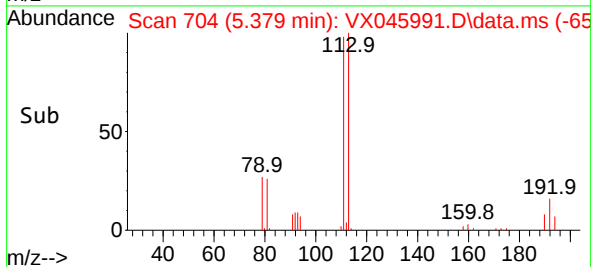
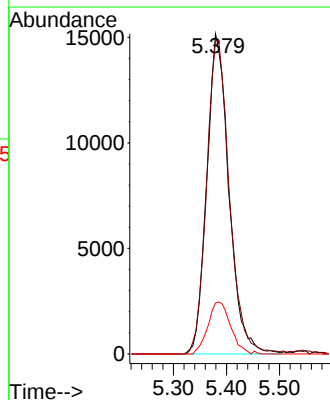
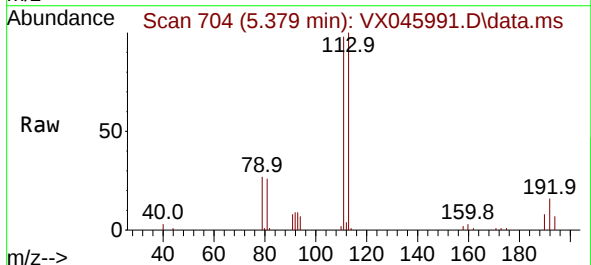
Instrument :
MSVOA_X
ClientSampleId :
FB04282025

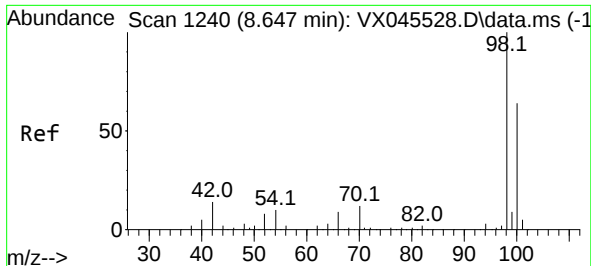
Tgt Ion:114 Resp: 117758
Ion Ratio Lower Upper
114 100
63 24.3 0.0 46.8
88 17.8 0.0 35.4



#35
Dibromofluoromethane
Concen: 52.622 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045991.D
Acq: 30 Apr 2025 12:32

Tgt Ion:113 Resp: 43965
Ion Ratio Lower Upper
113 100
111 101.0 81.8 122.6
192 16.5 13.8 20.6

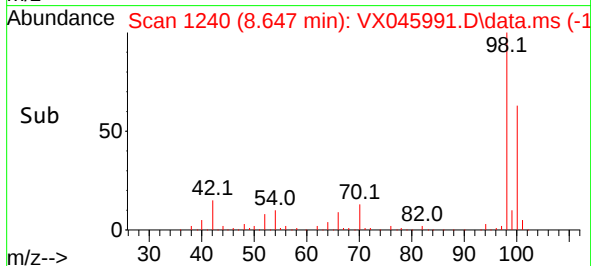
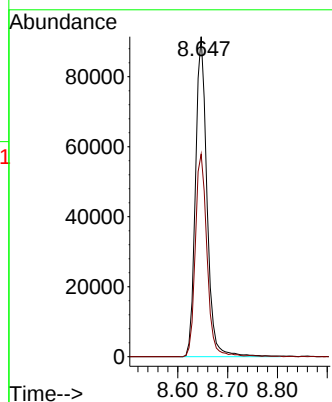
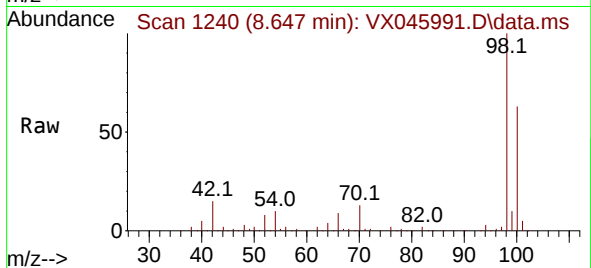




#50
Toluene-d8
Concen: 50.156 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045991.D
Acq: 30 Apr 2025 12:32

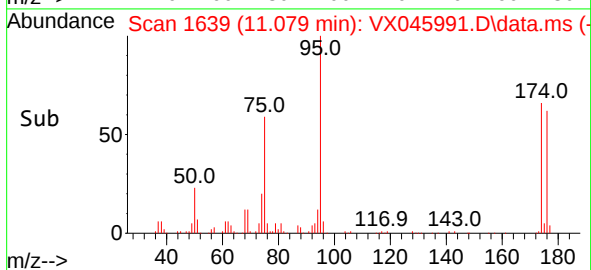
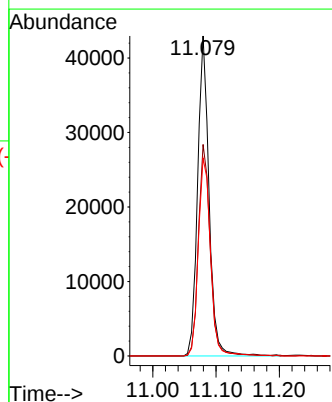
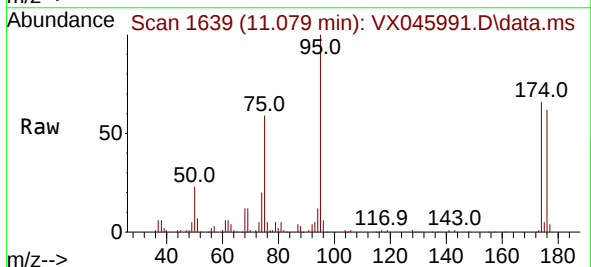
Instrument :
MSVOA_X
ClientSampleId :
FB04282025

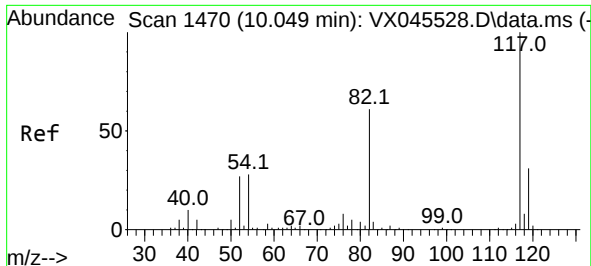
Tgt Ion: 98 Resp: 146264
Ion Ratio Lower Upper
98 100
100 64.1 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 50.860 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045991.D
Acq: 30 Apr 2025 12:32

Tgt Ion: 95 Resp: 54025
Ion Ratio Lower Upper
95 100
174 67.9 0.0 135.8
176 66.3 0.0 131.4

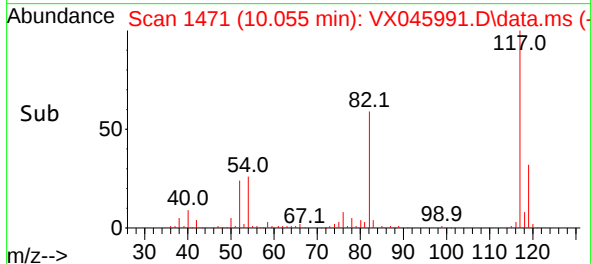
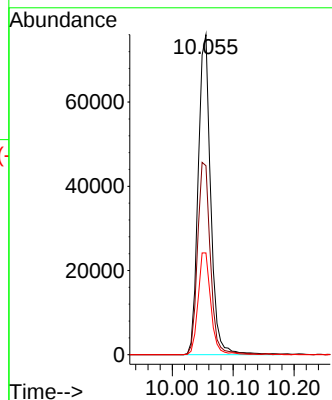
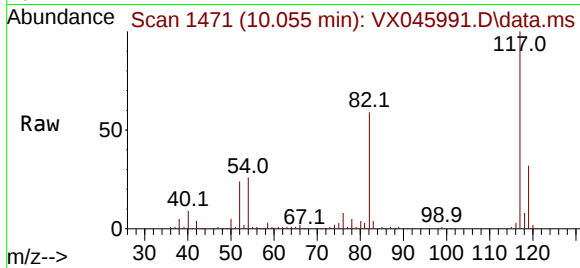




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045991.D
Acq: 30 Apr 2025 12:32

Instrument :
MSVOA_X
ClientSampleId :
FB04282025

Tgt Ion:117 Resp: 108001
Ion Ratio Lower Upper
117 100
82 59.0 49.2 73.8
119 31.8 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045991.D
Acq: 30 Apr 2025 12:32

Tgt Ion:152 Resp: 46147
Ion Ratio Lower Upper
152 100
115 63.5 46.9 140.7
150 156.0 0.0 349.4

