

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031722\
 Data File : VD072255.D
 Acq On : 17 Mar 2022 20:20
 Operator : VA/SY
 Sample : N1943-03
 Misc : 8.95G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TA1

Quant Time: Mar 18 04:32:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	402560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	678693	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	737467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	370415	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	216989	48.367	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.740%
35) Dibromofluoromethane	7.909	113	216367	45.303	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.600%
50) Toluene-d8	10.332	98	848558	48.590	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.180%
62) 4-Bromofluorobenzene	12.620	95	361101	53.216	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.440%

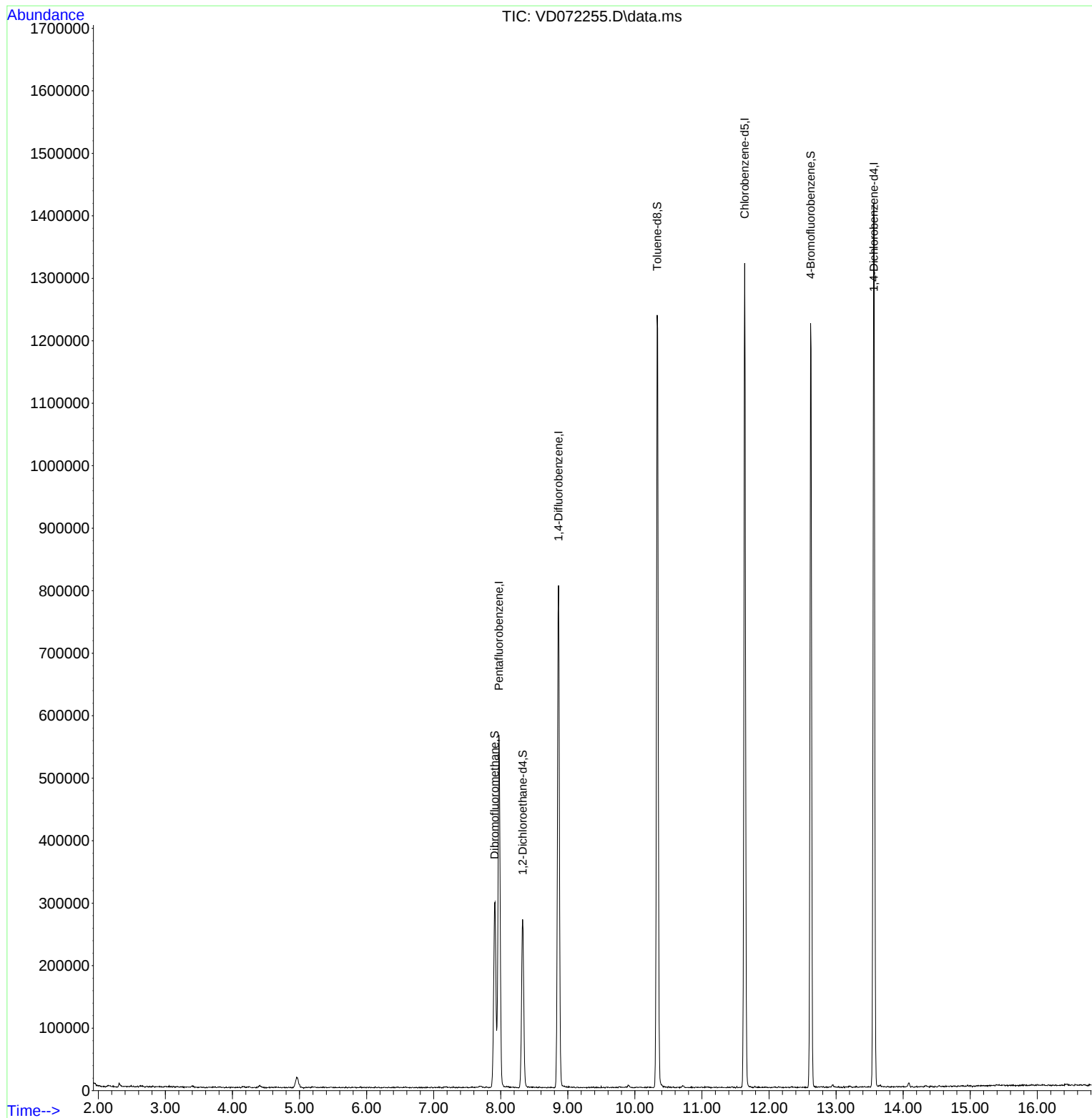
Target Compounds	Qvalue

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

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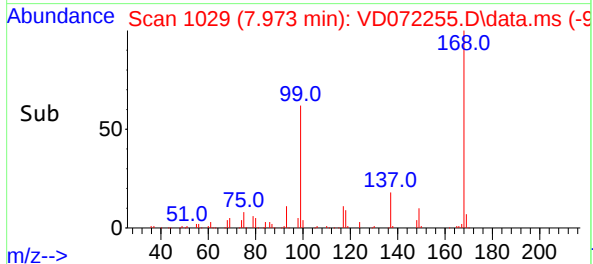
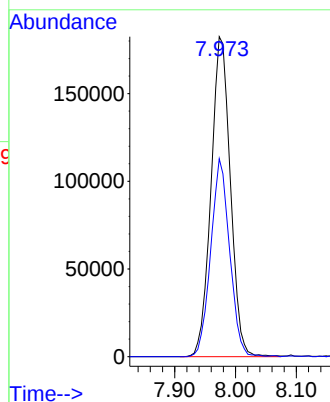
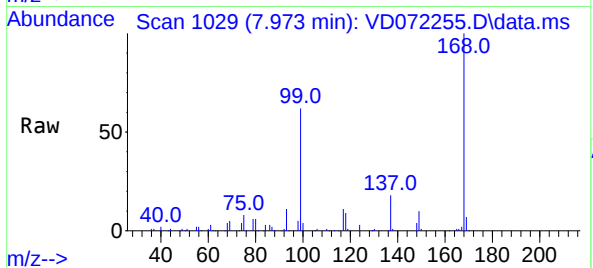




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072255.D
Acq: 17 Mar 2022 20:20

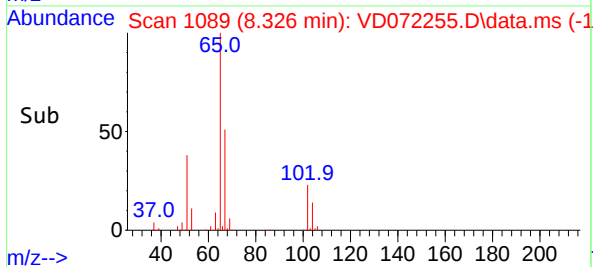
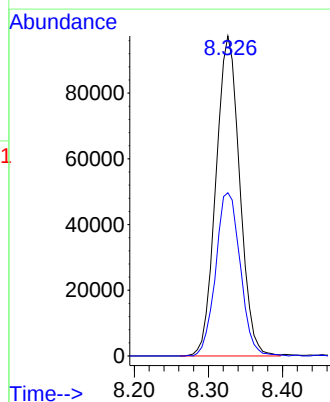
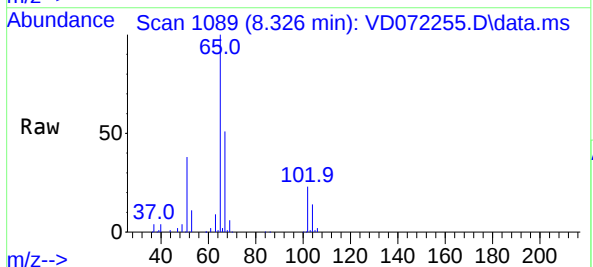
Instrument :
MSVOA_D
ClientSampleId :
TA1

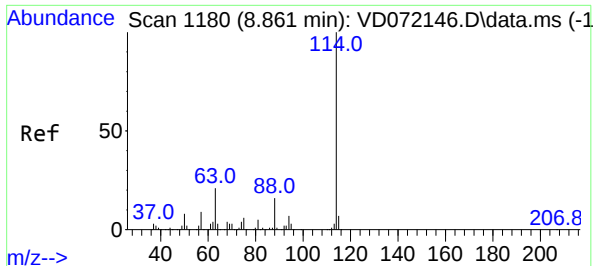
Tgt Ion:168 Resp: 402560
Ion Ratio Lower Upper
168 100
99 61.9 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 48.367 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072255.D
Acq: 17 Mar 2022 20:20

Tgt Ion: 65 Resp: 216989
Ion Ratio Lower Upper
65 100
67 52.8 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072255.D

Acq: 17 Mar 2022 20:20

Instrument :

MSVOA_D

ClientSampleId :

TA1

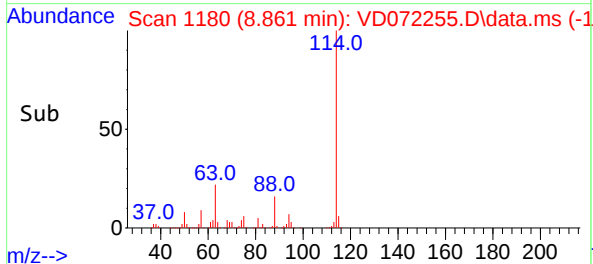
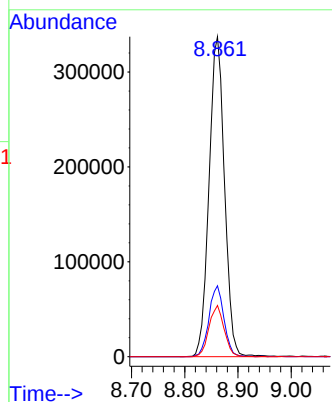
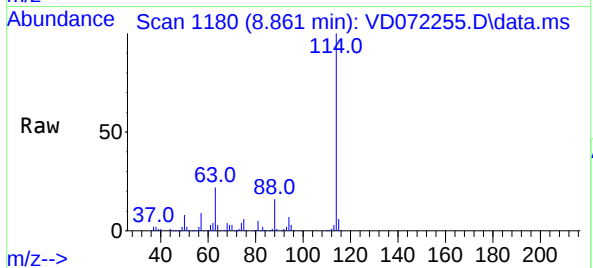
Tgt Ion:114 Resp: 678693

Ion Ratio Lower Upper

114 100

63 22.1 0.0 46.6

88 16.0 0.0 33.2



#35

Dibromofluoromethane

Concen: 45.303 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD072255.D

Acq: 17 Mar 2022 20:20

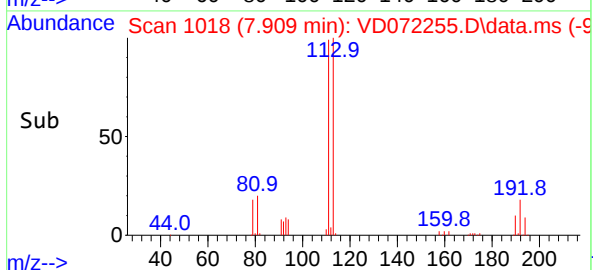
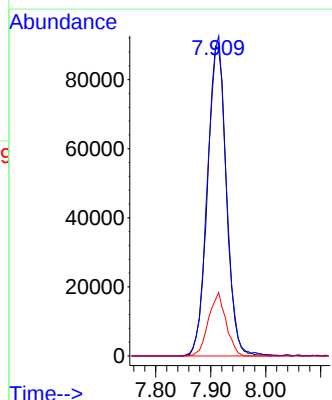
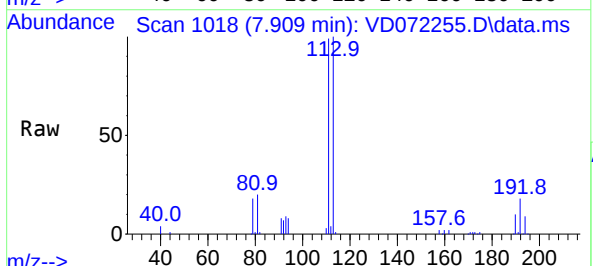
Tgt Ion:113 Resp: 216367

Ion Ratio Lower Upper

113 100

111 101.1 83.8 125.6

192 18.8 14.6 21.8

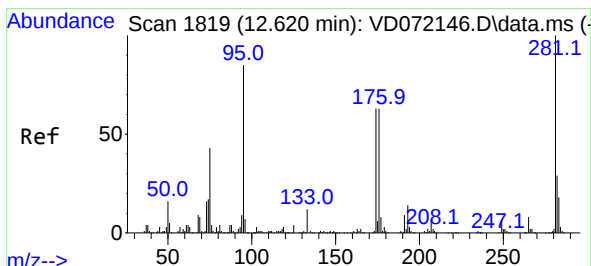
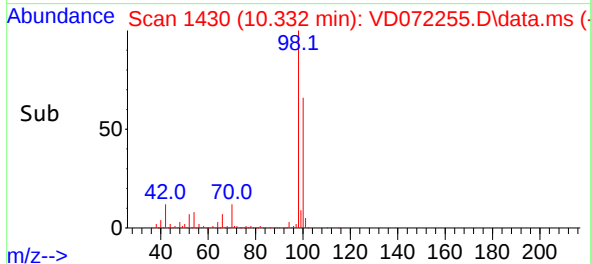
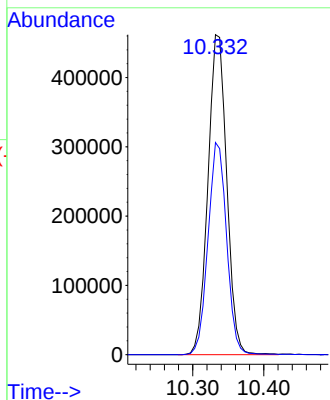
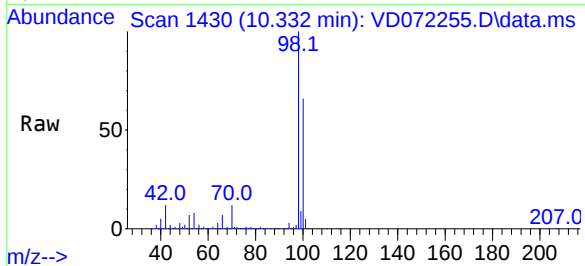




#50
Toluene-d8
Concen: 48.590 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072255.D
Acq: 17 Mar 2022 20:20

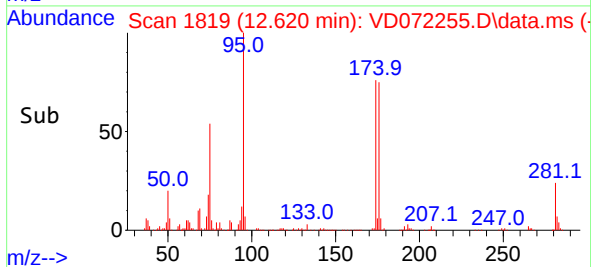
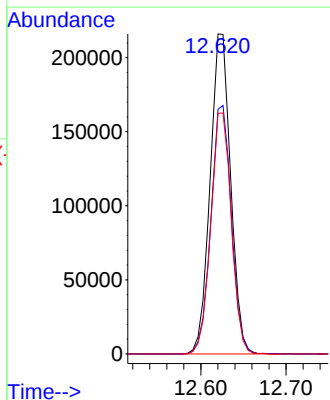
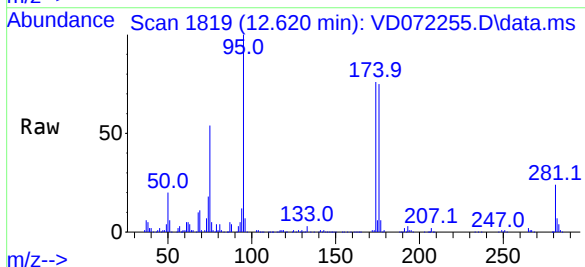
Instrument :
MSVOA_D
ClientSampleId :
TA1

Tgt Ion: 98 Resp: 848558
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 53.216 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072255.D
Acq: 17 Mar 2022 20:20

Tgt Ion: 95 Resp: 361101
Ion Ratio Lower Upper
95 100
174 77.9 0.0 152.8
176 75.0 0.0 145.4

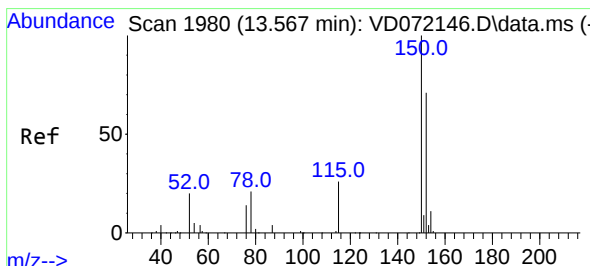
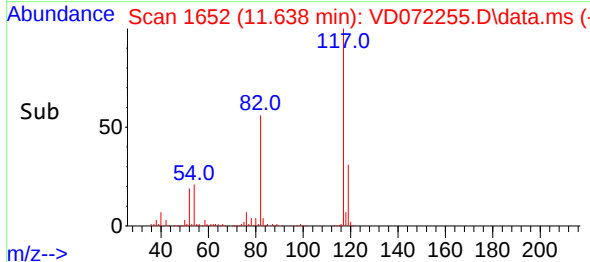
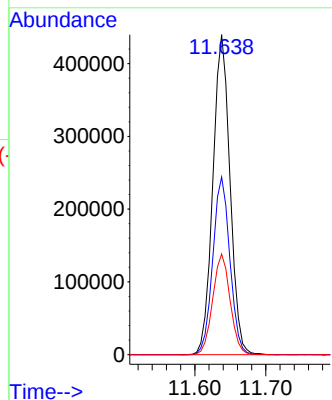
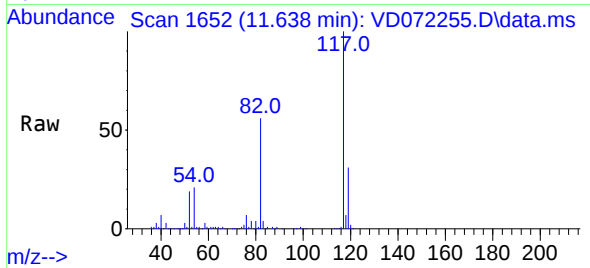




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD072255.D
Acq: 17 Mar 2022 20:20

Instrument :
MSVOA_D
ClientSampleId :
TA1

Tgt Ion:117 Resp: 737467
Ion Ratio Lower Upper
117 100
82 55.5 45.3 67.9
119 31.5 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072255.D
Acq: 17 Mar 2022 20:20

Tgt Ion:152 Resp: 370415
Ion Ratio Lower Upper
152 100
115 59.0 31.3 93.8
150 158.8 0.0 348.6

