

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111122\
 Data File : VD074890.D
 Acq On : 11 Nov 2022 14:41
 Operator : VA/SY
 Sample : VD1111SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1111SBL01

Quant Time: Nov 14 00:55:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	166107	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	246874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	215678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	92504	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	57195	52.065	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.140%
35) Dibromofluoromethane	7.804	113	76103	50.008	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.020%
50) Toluene-d8	10.269	98	232335	46.347	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.700%
62) 4-Bromofluorobenzene	12.575	95	66459	43.175	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.360%

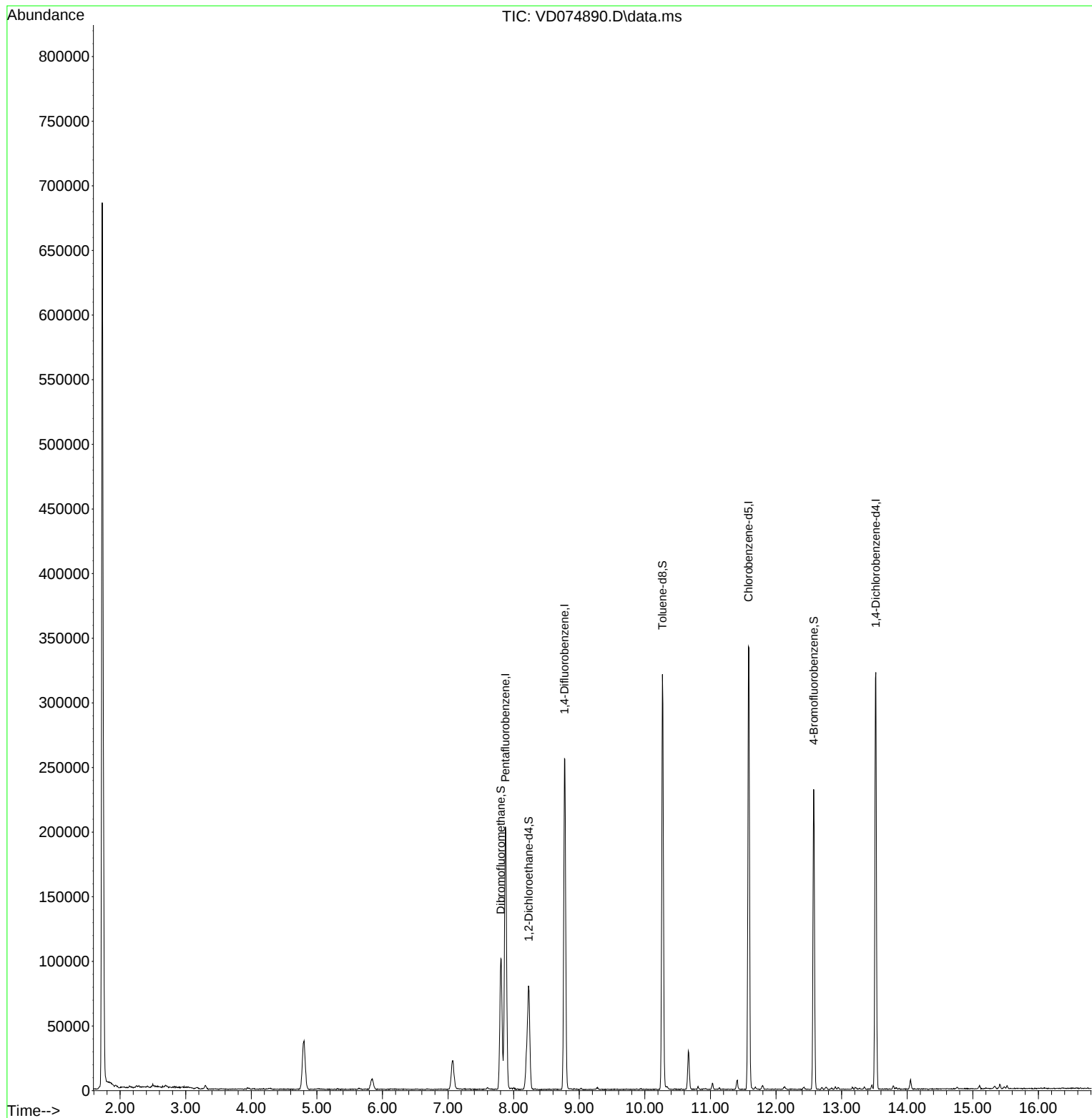
Target Compounds	Qvalue

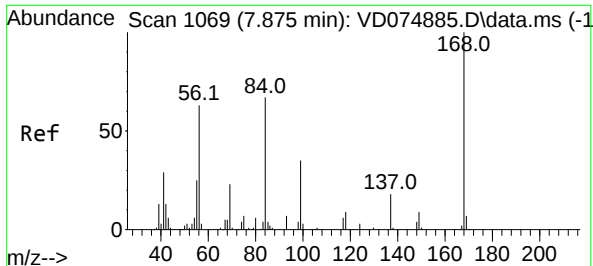
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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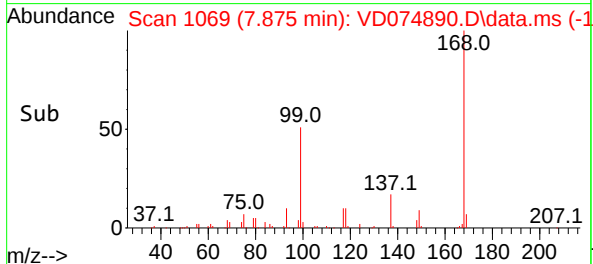
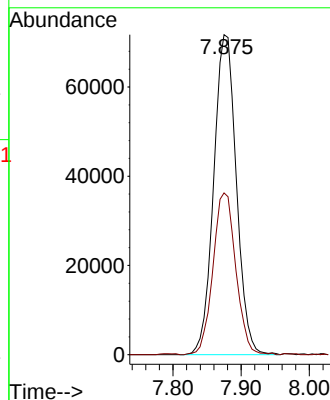
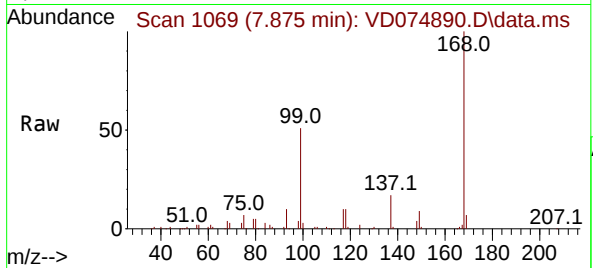




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074890.D
Acq: 11 Nov 2022 14:41

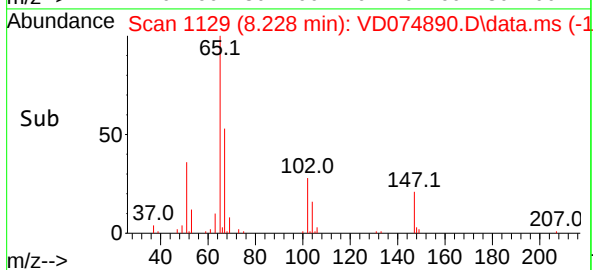
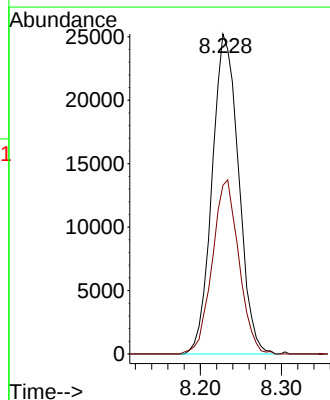
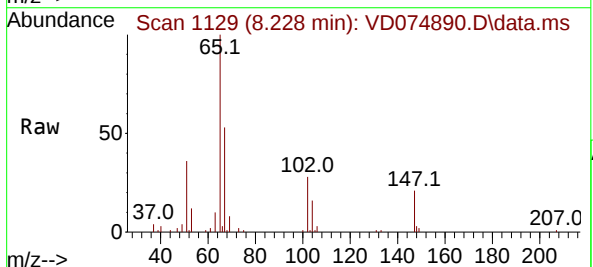
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBL01

Tgt Ion:168 Resp: 166107
Ion Ratio Lower Upper
168 100
99 50.6 40.9 61.3



#33
1,2-Dichloroethane-d4
Concen: 52.065 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074890.D
Acq: 11 Nov 2022 14:41

Tgt Ion: 65 Resp: 57195
Ion Ratio Lower Upper
65 100
67 54.6 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074890.D

Acq: 11 Nov 2022 14:41

Instrument :

MSVOA_D

ClientSampleId :

VD1111SBL01

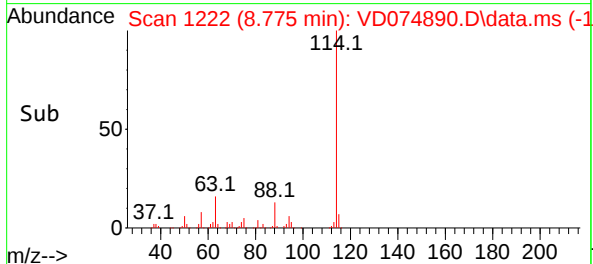
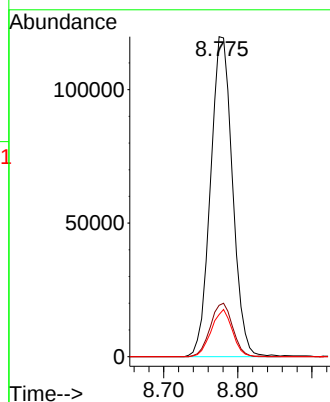
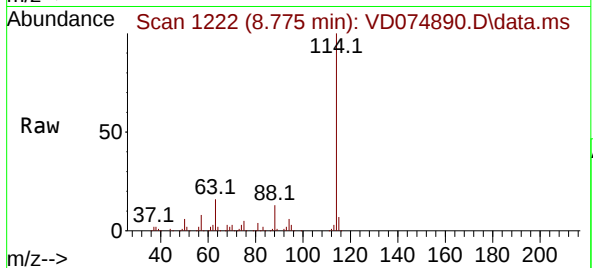
Tgt Ion:114 Resp: 246874

Ion Ratio Lower Upper

114 100

63 16.1 0.0 33.2

88 13.2 0.0 28.2



#35

Dibromofluoromethane

Concen: 50.008 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD074890.D

Acq: 11 Nov 2022 14:41

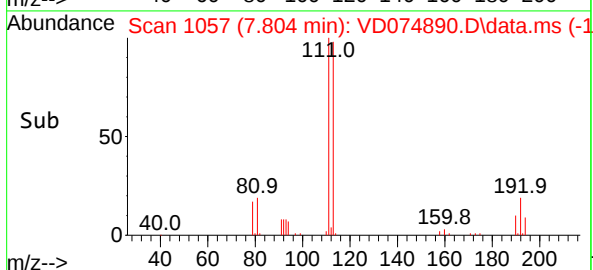
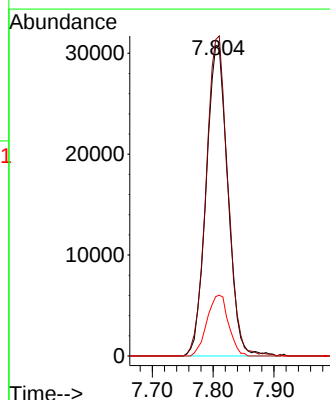
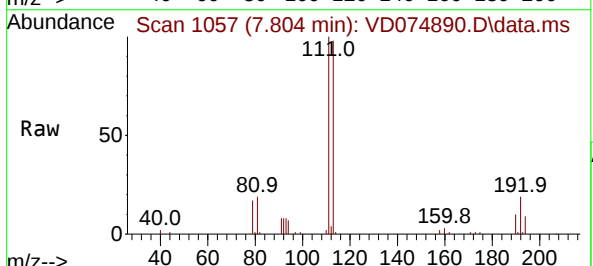
Tgt Ion:113 Resp: 76103

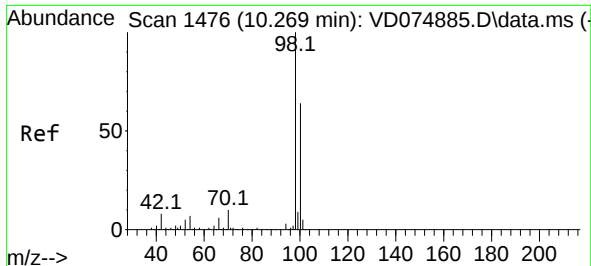
Ion Ratio Lower Upper

113 100

111 102.5 82.3 123.5

192 19.4 16.4 24.6

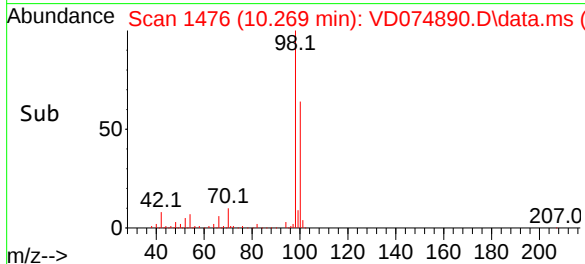
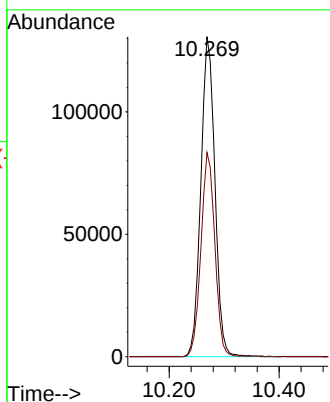
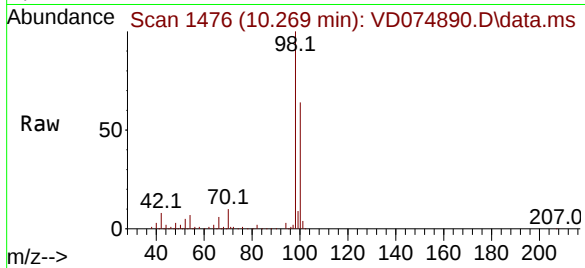




#50
Toluene-d8
Concen: 46.347 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074890.D
Acq: 11 Nov 2022 14:41

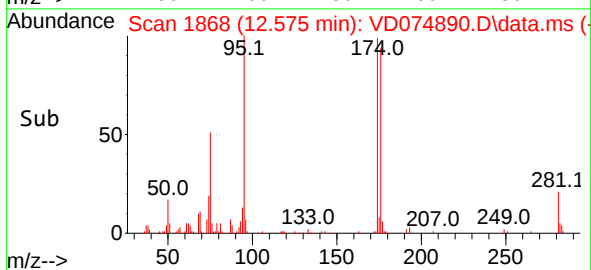
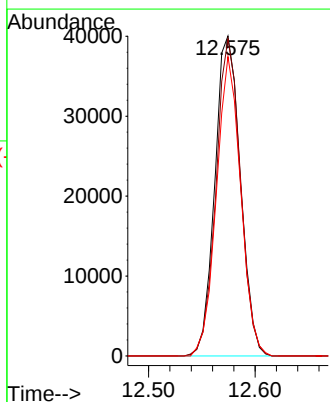
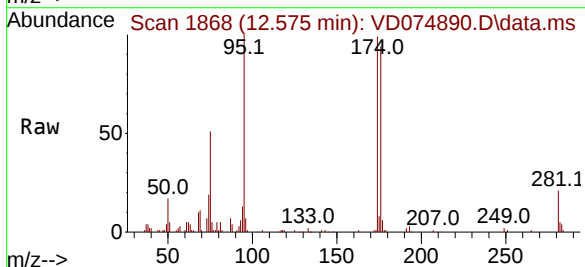
Instrument :
MSVOA_D
ClientSampleId :
VD1111SBL01

Tgt Ion: 98 Resp: 232335
Ion Ratio Lower Upper
98 100
100 62.9 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 43.175 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074890.D
Acq: 11 Nov 2022 14:41

Tgt Ion: 95 Resp: 66459
Ion Ratio Lower Upper
95 100
174 95.2 0.0 197.0
176 89.3 0.0 182.6

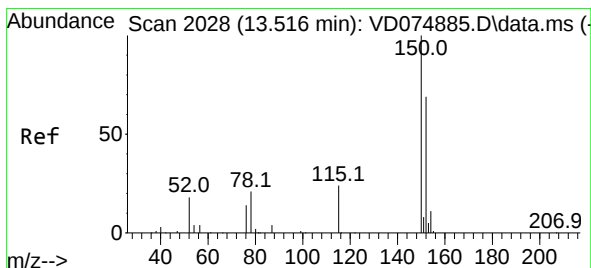
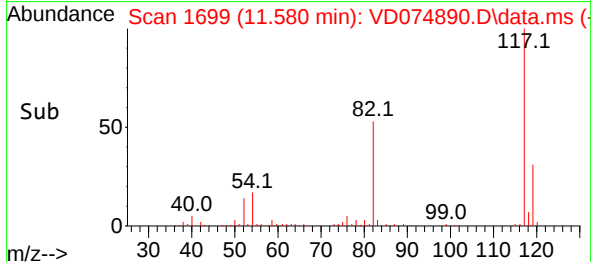
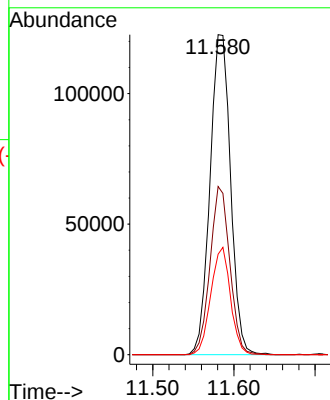
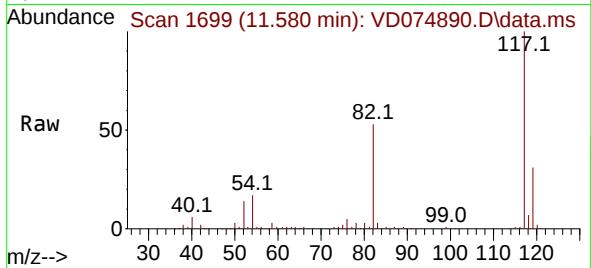




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD074890.D
Acq: 11 Nov 2022 14:41

Instrument :
MSVOA_D
ClientSampleId :
VD1111SBL01

Tgt Ion:117 Resp: 215678
Ion Ratio Lower Upper
117 100
82 52.6 41.6 62.4
119 31.4 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD074890.D
Acq: 11 Nov 2022 14:41

Tgt Ion:152 Resp: 92504
Ion Ratio Lower Upper
152 100
115 56.3 26.8 80.4
150 156.9 0.0 348.2

