

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111422\
 Data File : VD074930.D
 Acq On : 14 Nov 2022 13:12
 Operator : VA/SY
 Sample : N5607-01RE
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01RE

Quant Time: Nov 15 00:23:11 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	1783	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	3495	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	3384	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	1177	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	1667	152.899	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 305.800%#	
35) Dibromofluoromethane	7.810	113	1349	62.615	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 125.240%	
50) Toluene-d8	10.269	98	3815	53.757	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.520%	
62) 4-Bromofluorobenzene	12.569	95	1201	55.112	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.220%	

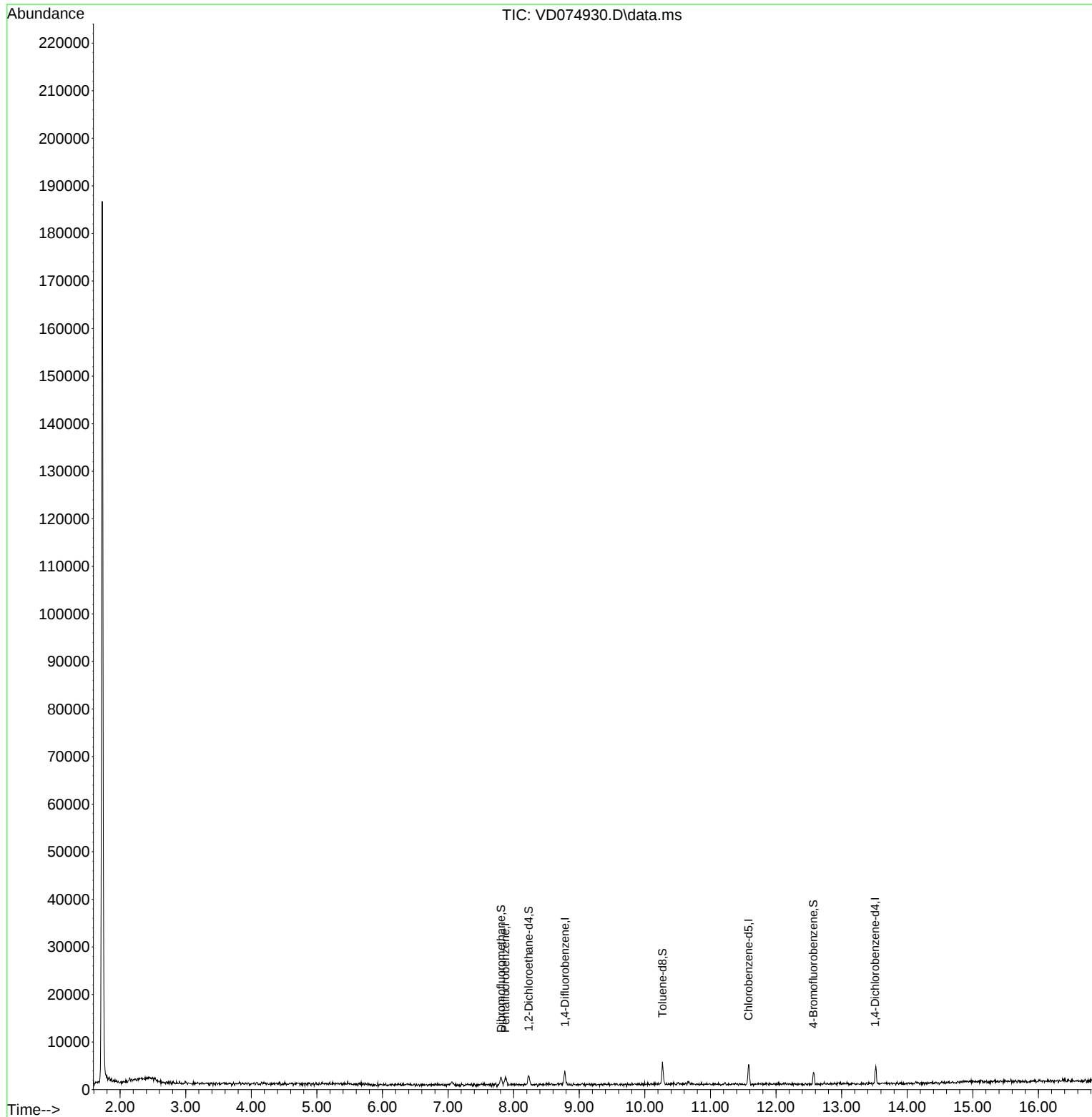
Target Compounds	Qvalue

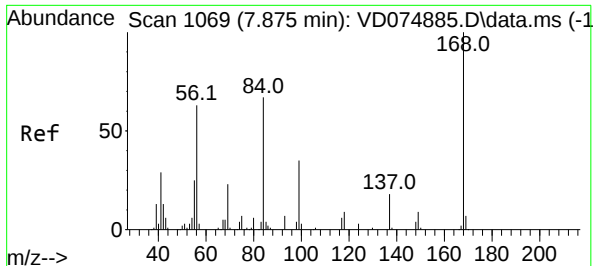
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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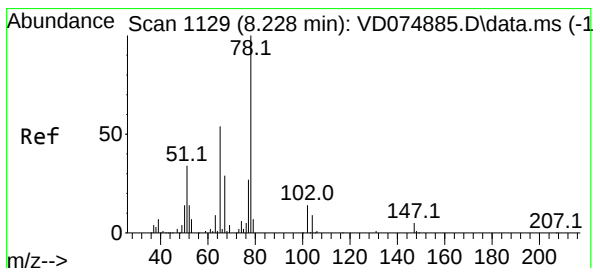
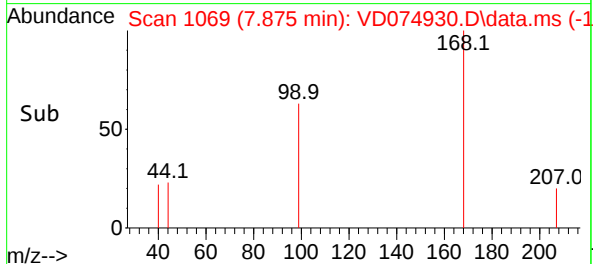
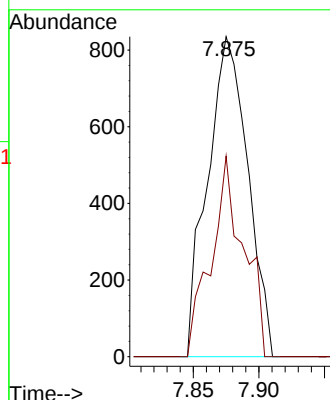
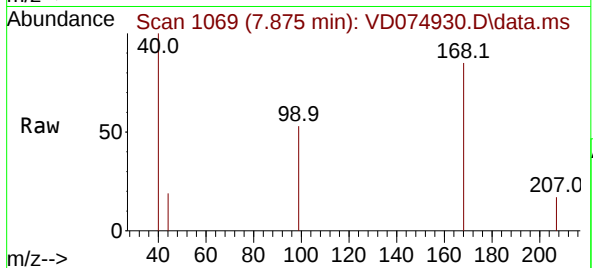




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074930.D
Acq: 14 Nov 2022 13:12

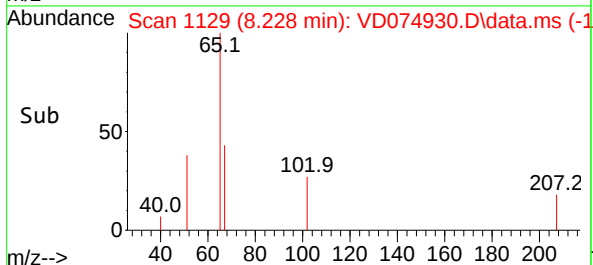
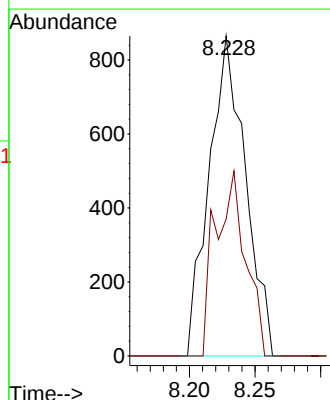
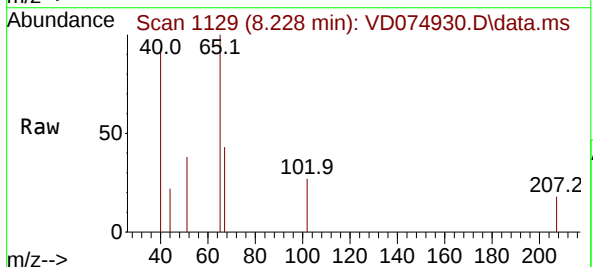
Instrument :
MSVOA_D
ClientSampleId :
SB-01RE

Tgt Ion:168 Resp: 1783
Ion Ratio Lower Upper
168 100
99 62.6 40.9 61.3#



#33
1,2-Dichloroethane-d4
Concen: 152.899 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD074930.D
Acq: 14 Nov 2022 13:12

Tgt Ion: 65 Resp: 1667
Ion Ratio Lower Upper
65 100
67 48.1 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074930.D

Acq: 14 Nov 2022 13:12

Instrument :

MSVOA_D

ClientSampleId :

SB-01RE

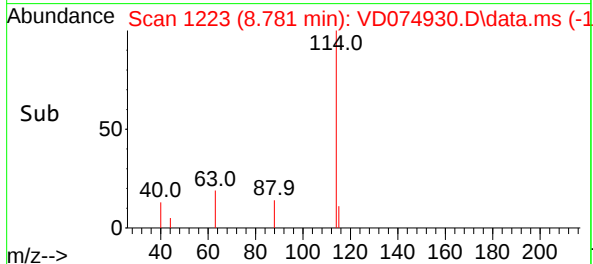
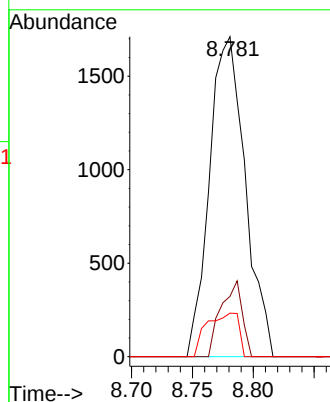
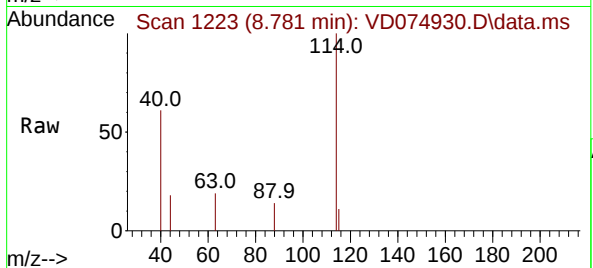
Tgt Ion:114 Resp: 3495

Ion Ratio Lower Upper

114 100

63 18.9 0.0 33.2

88 13.6 0.0 28.2



#35

Dibromofluoromethane

Concen: 62.615 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074930.D

Acq: 14 Nov 2022 13:12

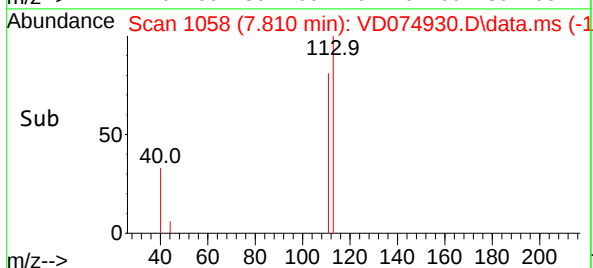
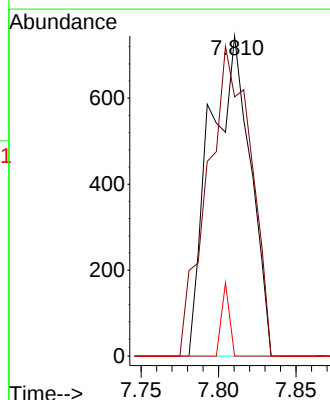
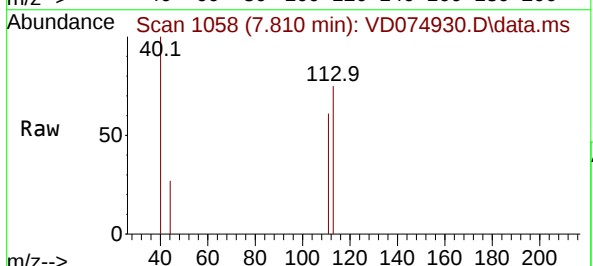
Tgt Ion:113 Resp: 1349

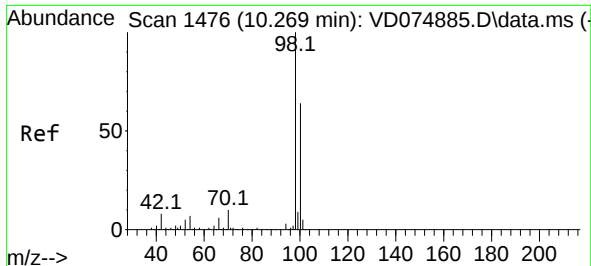
Ion Ratio Lower Upper

113 100

111 104.1 82.3 123.5

192 4.4 16.4 24.6#

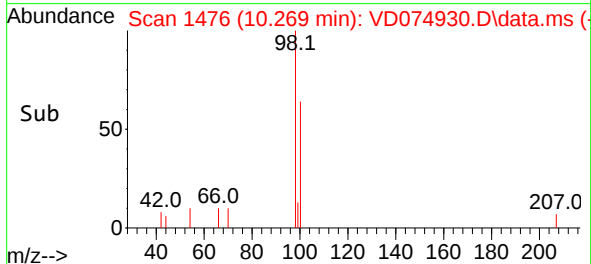
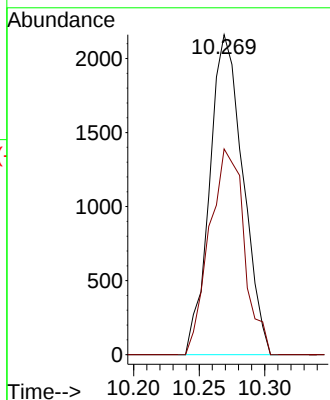
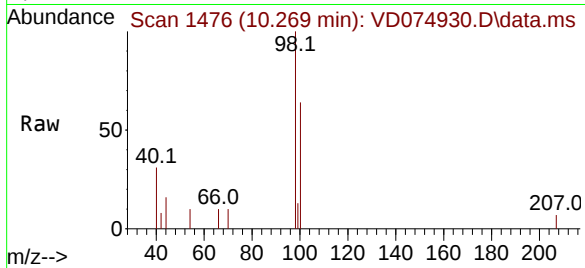




#50
Toluene-d8
Concen: 53.757 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074930.D
Acq: 14 Nov 2022 13:12

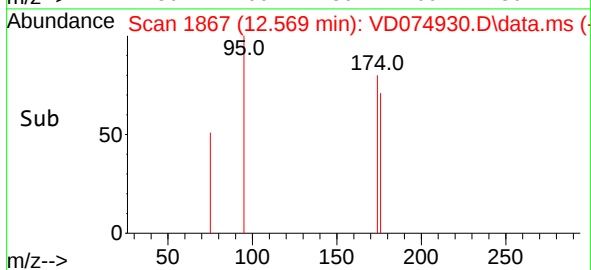
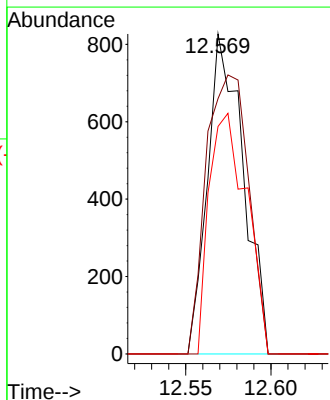
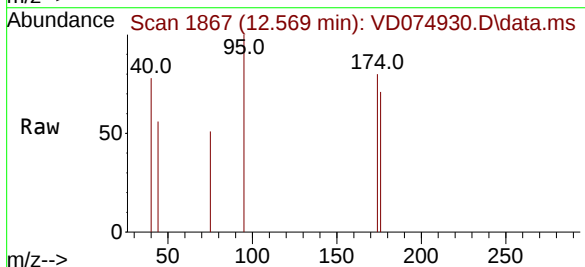
Instrument :
MSVOA_D
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Tgt Ion: 98 Resp: 3815
Ion Ratio Lower Upper
98 100
100 67.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 55.112 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD074930.D
Acq: 14 Nov 2022 13:12

Tgt Ion: 95 Resp: 1201
Ion Ratio Lower Upper
95 100
174 104.2 0.0 197.0
176 79.5 0.0 182.6

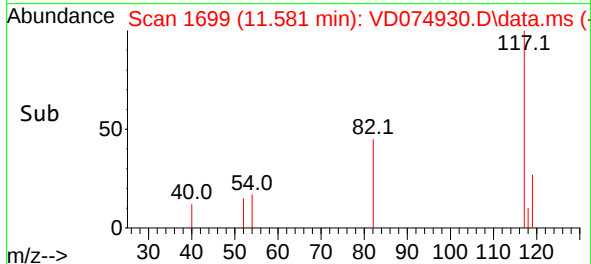
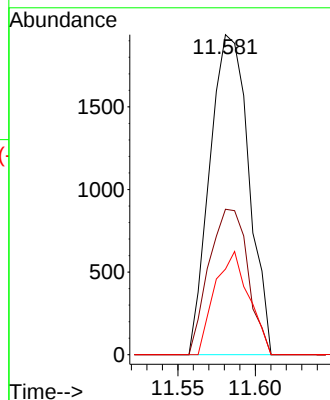
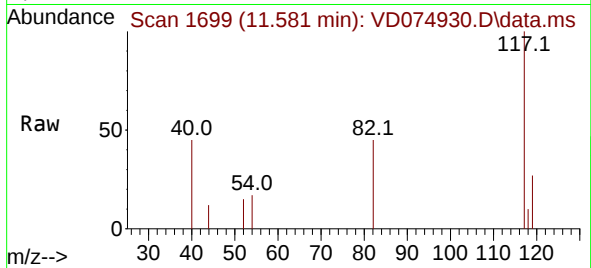




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074930.D
Acq: 14 Nov 2022 13:12

Instrument :
MSVOA_D
ClientSampleId :
SB-01RE

Tgt Ion:117 Resp: 3384
Ion Ratio Lower Upper
117 100
82 45.4 41.6 62.4
119 26.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. -0.006 min
Lab File: VD074930.D
Acq: 14 Nov 2022 13:12

Tgt Ion:152 Resp: 1177
Ion Ratio Lower Upper
152 100
115 70.1 26.8 80.4
150 185.1 0.0 348.2

