

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030623\
 Data File : VY012829.D
 Acq On : 06 Mar 2023 17:21
 Operator : KP/MD
 Sample : 01815-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-03032023

Quant Time: Mar 07 04:26:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	20	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	94	50.000	ug/l	0.00
63) Chlorobenzene-d5	0.000	117	0	0.000	ug/l	-11.49
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.43
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0	0.000	ug/l	
Spiked Amount	50.000	Range	50 - 163	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	54 - 147	Recovery	=	0.000%#
50) Toluene-d8	10.179	98	49	23.627	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	47.260%#
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	25 - 144	Recovery	=	0.000%#

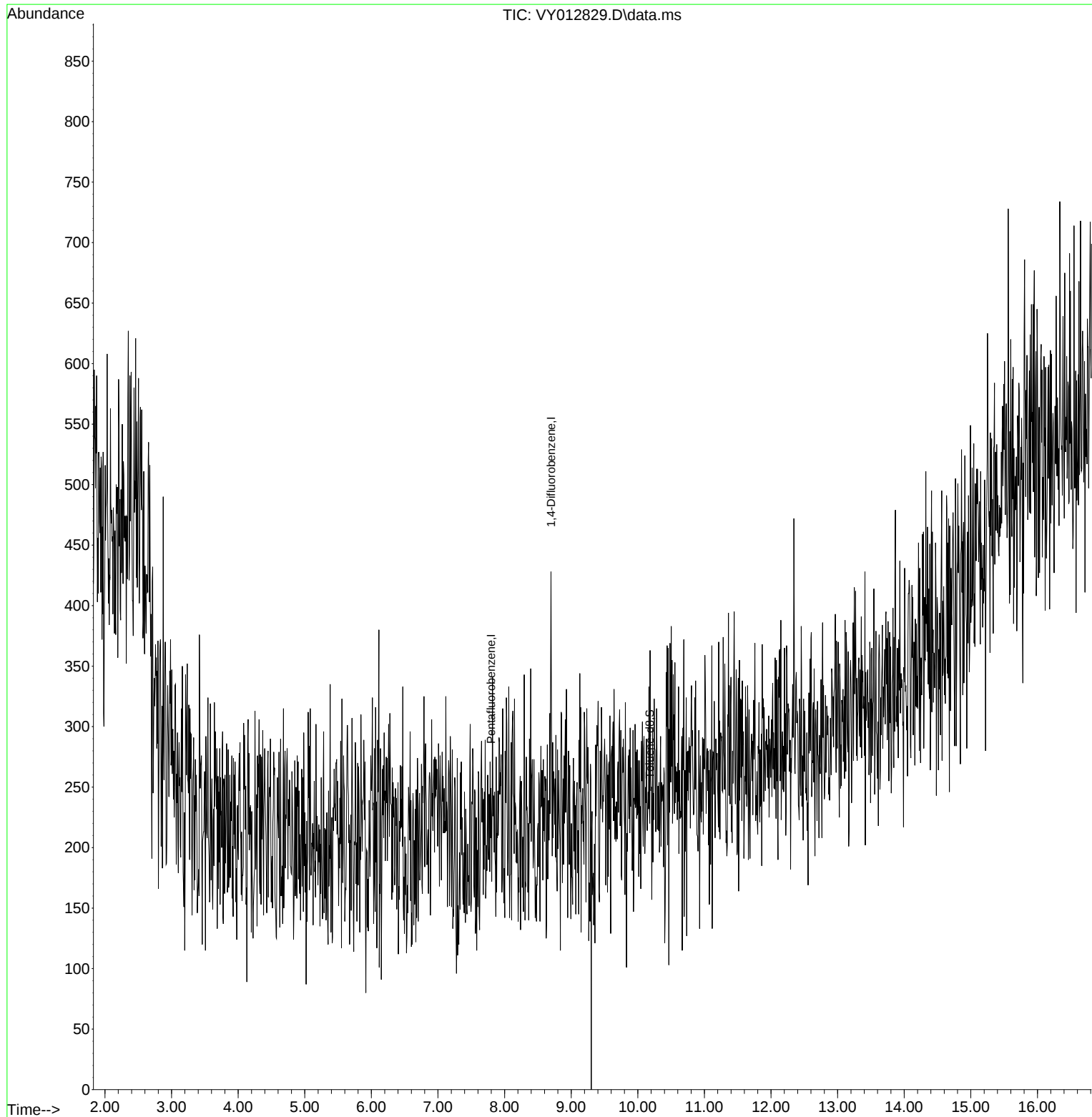
Target Compounds Qvalue

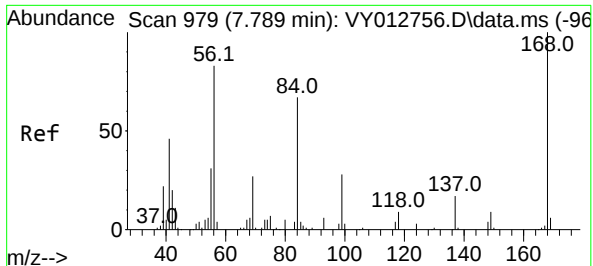
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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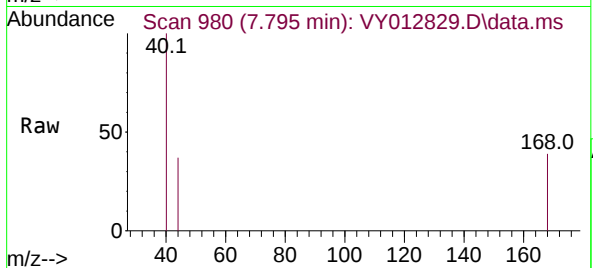
Quant Time: Mar 07 04:26:29 2023
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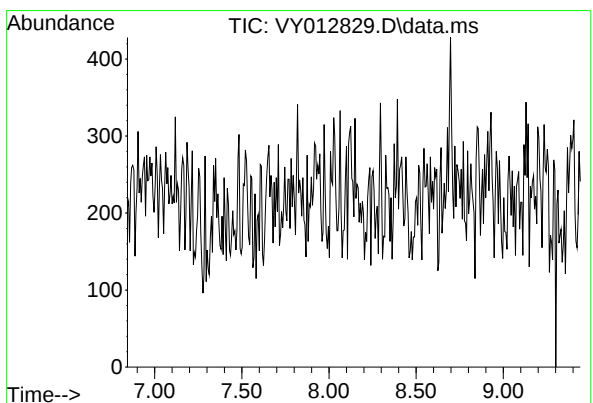
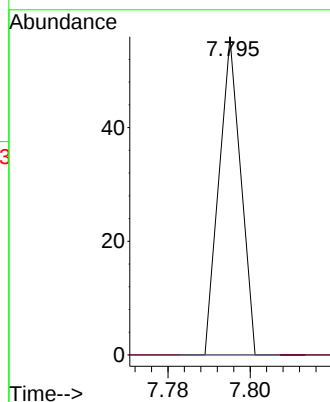
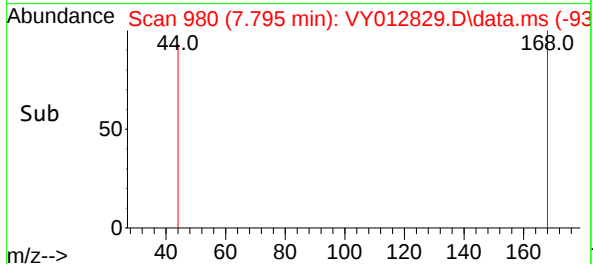


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY012829.D
Acq: 06 Mar 2023 17:21

Instrument :
MSVOA_Y
ClientSampleId :
OK-01-03032023



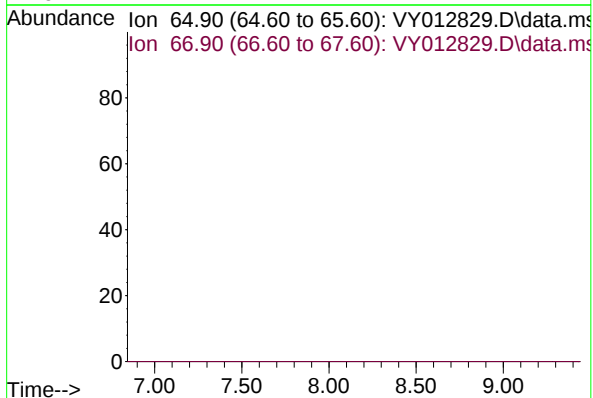
Tgt Ion:168 Resp: 20
Ion Ratio Lower Upper
168 100
99 0.0 41.7 62.5#

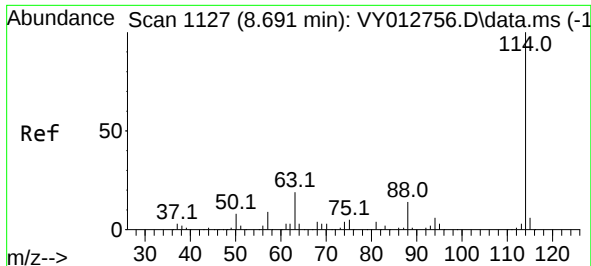


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 8.14 min

Lab File: VY012829.D
Acq: 06 Mar 2023 17:21

Tgt Ion: 65
Sig Exp Ratio
65 100
67 52.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012829.D

Acq: 06 Mar 2023 17:21

Instrument :

MSVOA_Y

ClientSampleId :

OK-01-03032023

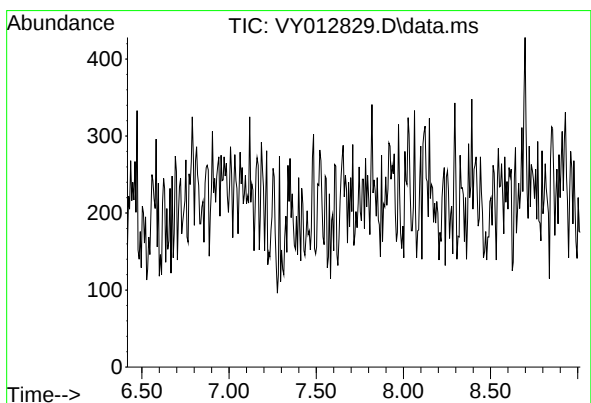
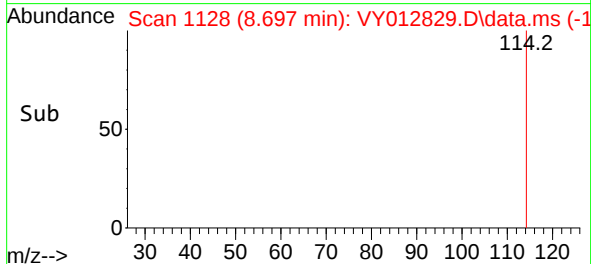
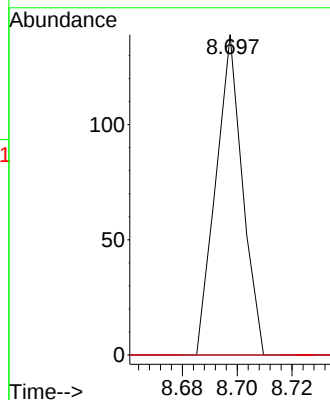
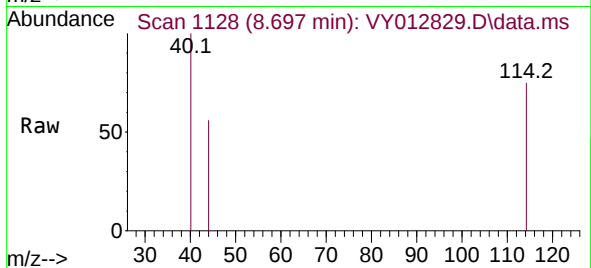
Tgt Ion:114 Resp: 94

Ion Ratio Lower Upper

114 100

63 0.0 0.0 37.4

88 0.0 0.0 28.6



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 7.72 min

Lab File: VY012829.D

Acq: 06 Mar 2023 17:21

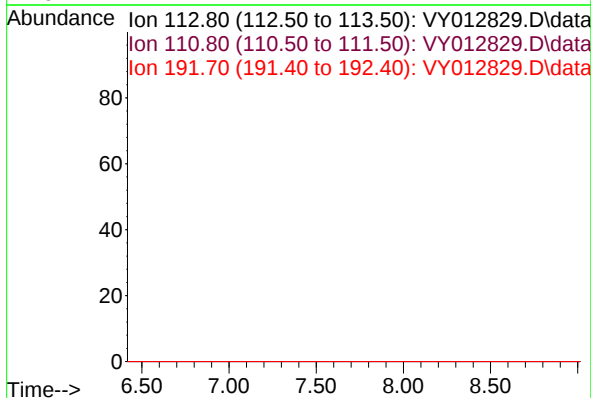
Tgt Ion: 113

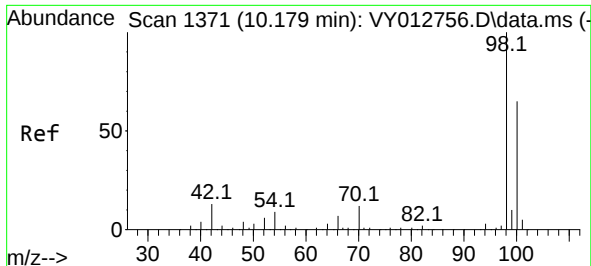
Sig Exp Ratio

113 100

111 102.7

192 21.0





#50

Toluene-d8

Concen: 23.627 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012829.D

Acq: 06 Mar 2023 17:21

Instrument :

MSVOA_Y

ClientSampleId :

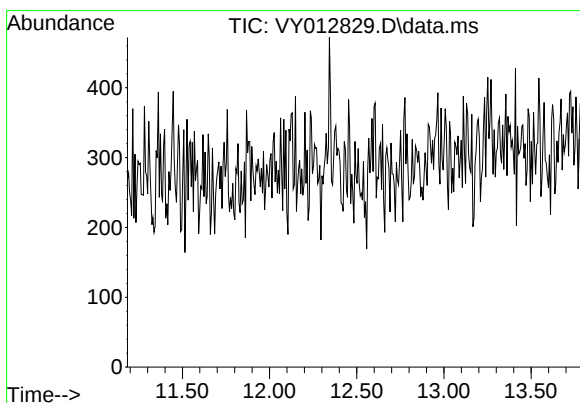
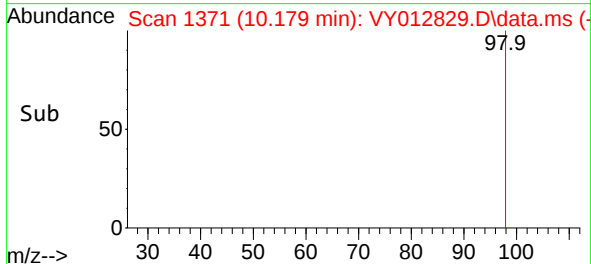
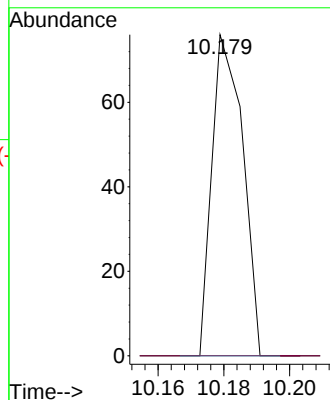
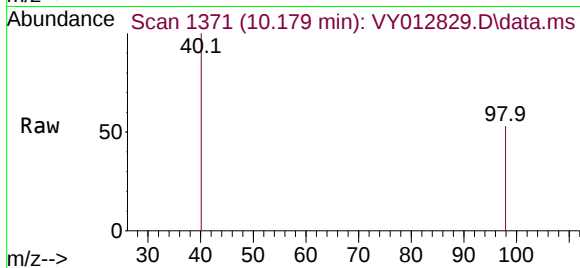
OK-01-03032023

Tgt Ion: 98 Resp: 49

Ion Ratio Lower Upper

98 100

100 0.0 50.9 76.3#



#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.48 min

Lab File: VY012829.D

Acq: 06 Mar 2023 17:21

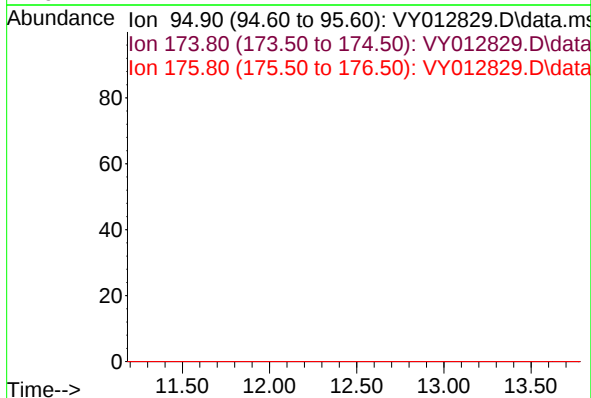
Tgt Ion: 95

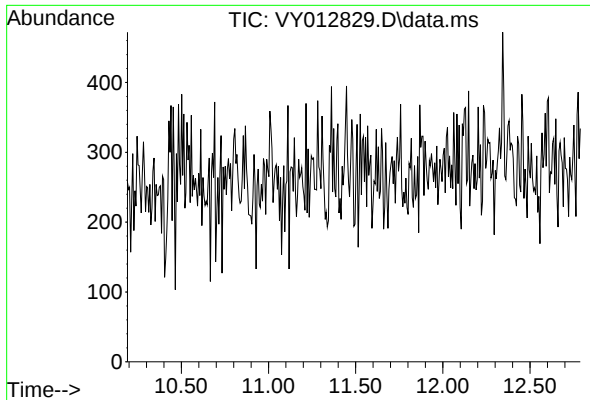
Sig Exp Ratio

95 100

174 88.3

176 85.1



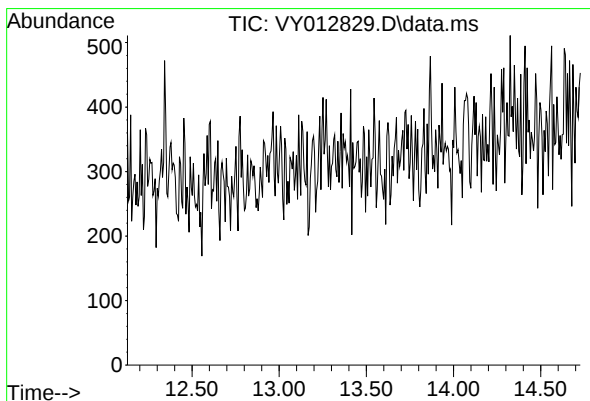
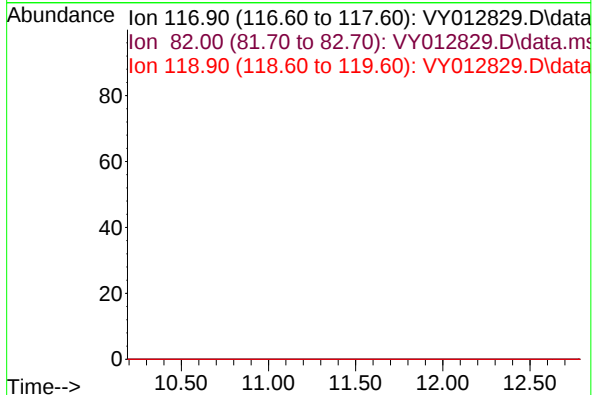


#63
 Chlorobenzene-d5
 Concen: 0.000 ug/l
 Expected RT: 11.49 min
 Lab File: VY012829.D
 Acq: 06 Mar 2023 17:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-03032023

Tgt Ion: 117

Sig	Exp Ratio
117	100
82	56.7
119	32.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ug/l
 Expected RT: 13.43 min
 Lab File: VY012829.D
 Acq: 06 Mar 2023 17:21

Tgt Ion: 152

Sig	Exp Ratio
152	100
115	54.2
150	173.9

