

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011725\
 Data File : VY020862.D
 Acq On : 17 Jan 2025 17:54
 Operator : SY/MD
 Sample : Q1134-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 17 23:29:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.720	168	36	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	83	50.000	ug/l	0.00
63) Chlorobenzene-d5	0.000	117	0	0.000	ug/l	-11.42
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.35
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	7.652	113	46	88.464	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	176.920%#
50) Toluene-d8	0.000	98	0	0.000	ug/l	
Spiked Amount	50.000	Range	58 - 134	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	12.408	95	21	31.372	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	62.740%

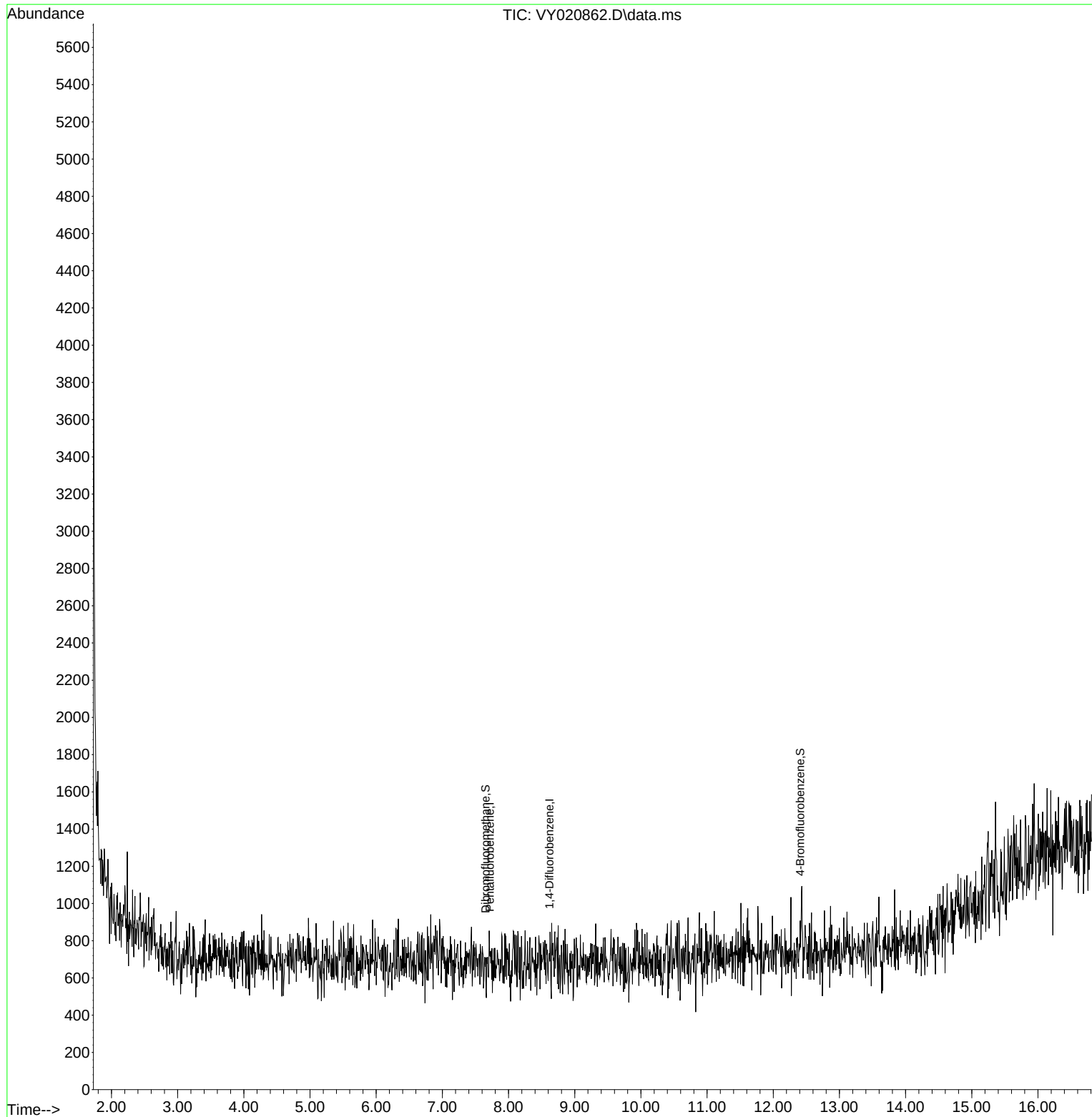
Target Compounds	Qvalue

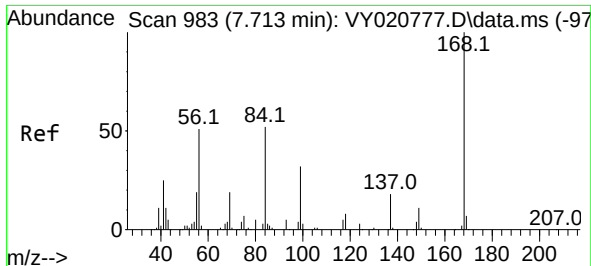
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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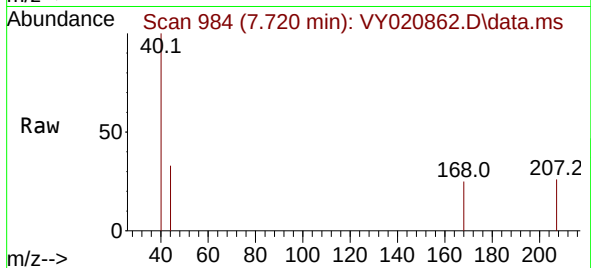
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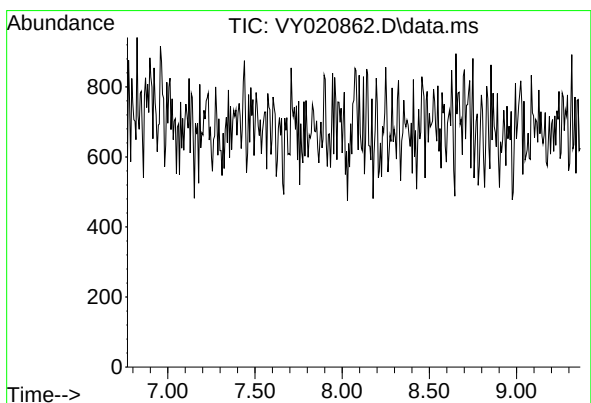
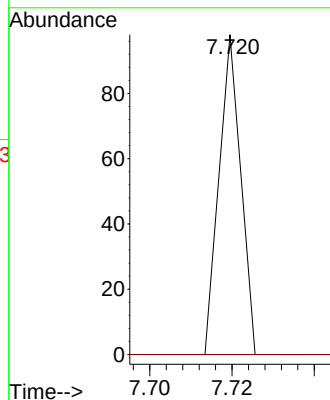
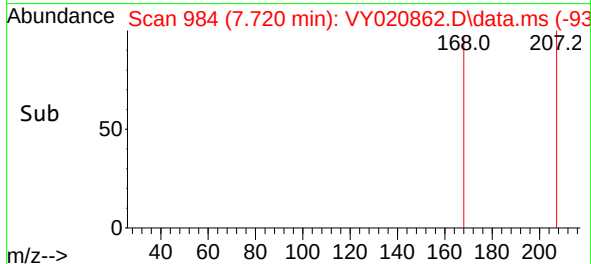


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020862.D
Acq: 17 Jan 2025 17:54

Instrument :
MSVOA_Y
ClientSampleId :



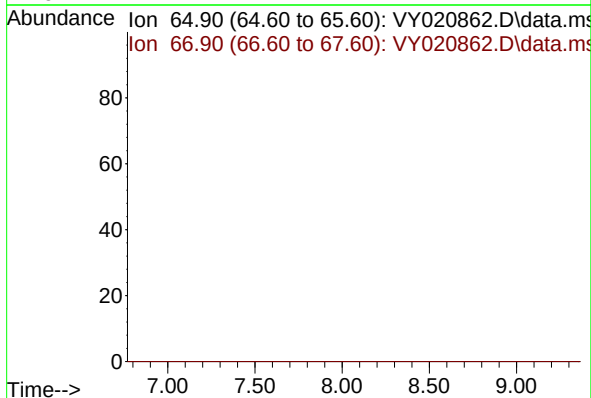
Tgt Ion:168 Resp: 36
Ion Ratio Lower Upper
168 100
99 0.0 44.3 66.5#

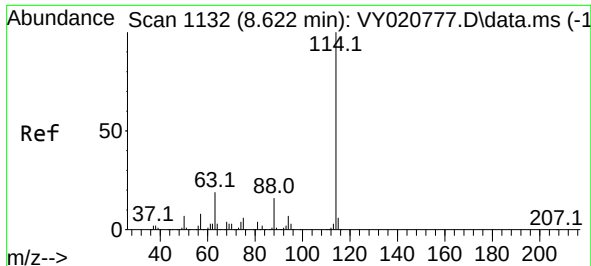


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 8.07 min

Lab File: VY020862.D
Acq: 17 Jan 2025 17:54

Tgt Ion: 65
Sig Exp Ratio
65 100
67 51.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VY020862.D

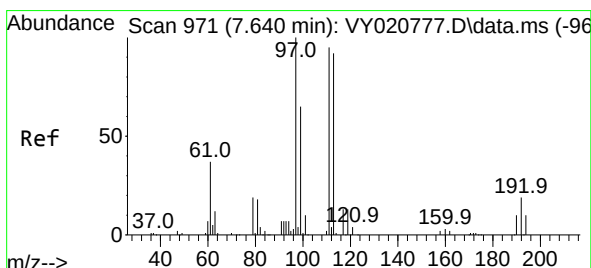
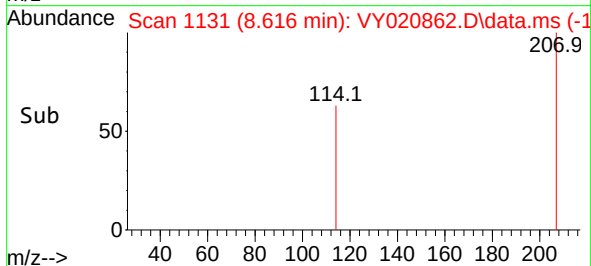
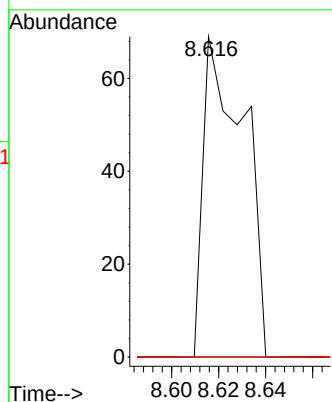
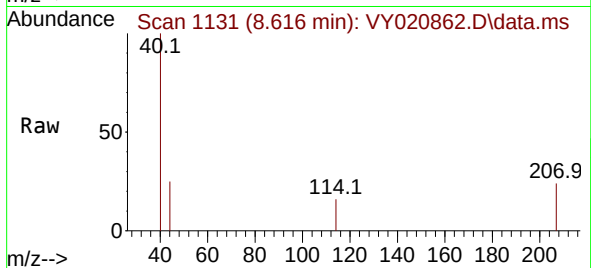
Acq: 17 Jan 2025 17:54

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	83
Ion	Ratio	Lower Upper
114	100	
63	0.0	0.0 38.4
88	0.0	0.0 31.2



#35

Dibromofluoromethane

Concen: 88.464 ug/l

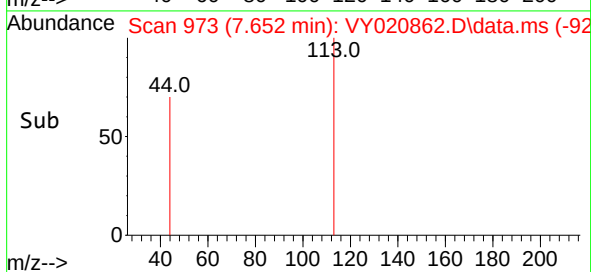
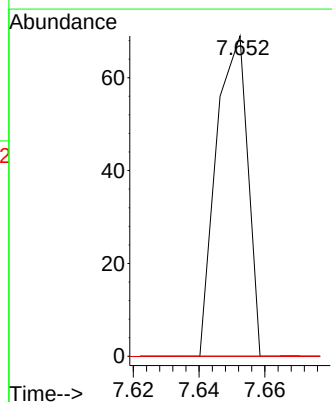
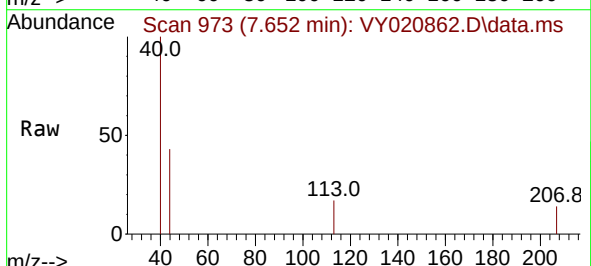
RT: 7.652 min Scan# 973

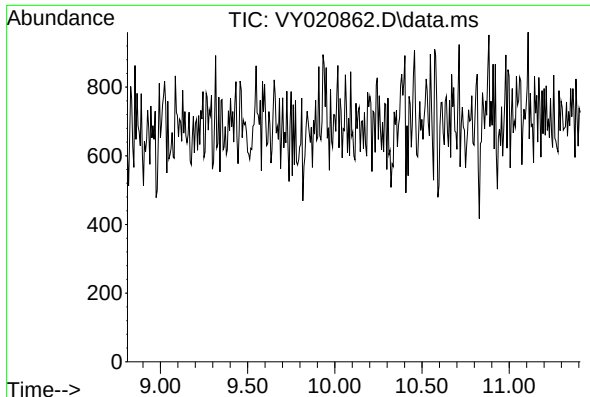
Delta R.T. 0.012 min

Lab File: VY020862.D

Acq: 17 Jan 2025 17:54

Tgt Ion:113	Resp:	46
Ion	Ratio	Lower Upper
113	100	
111	0.0	81.7 122.5#
192	0.0	16.7 25.1#



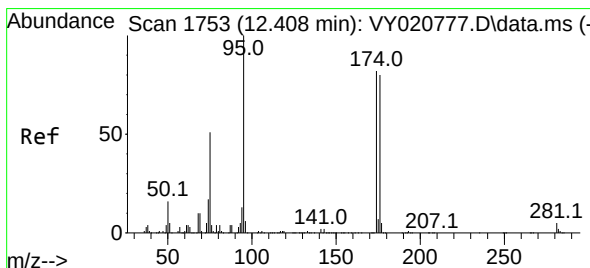
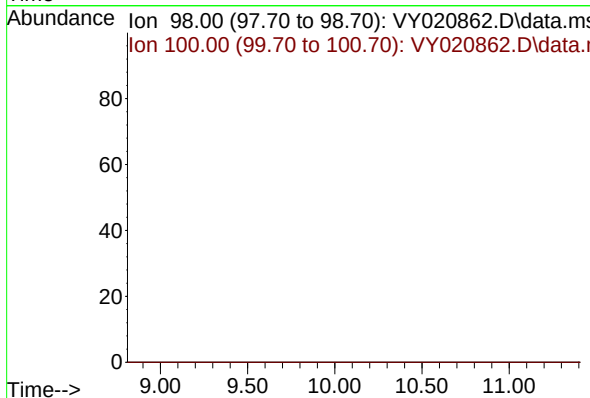


#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.11 min

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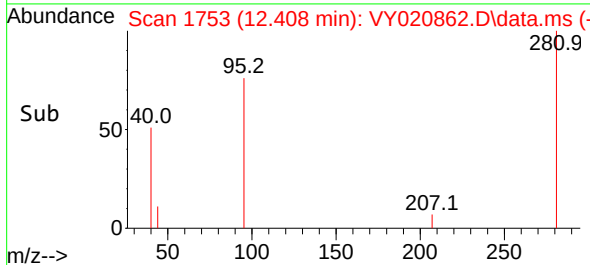
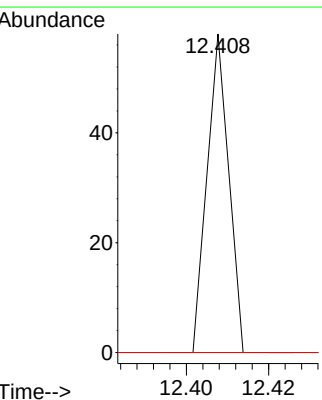
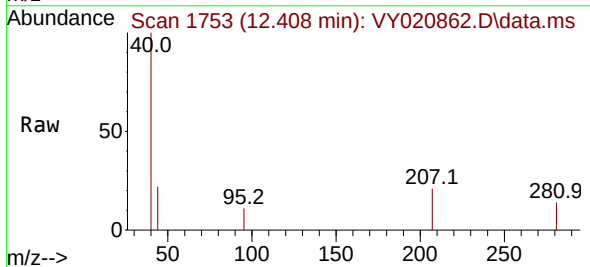
Instrument :
MSVOA_Y
ClientSampleId :

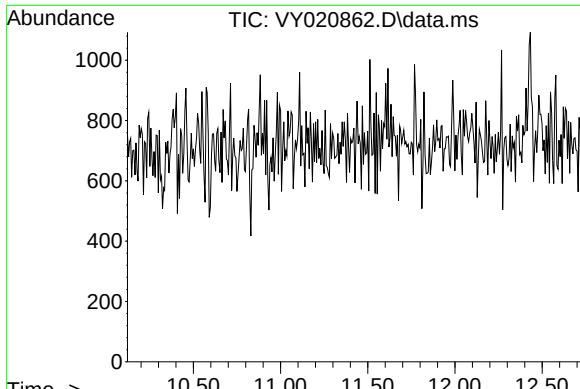
Tgt Ion: 98
Sig Exp Ratio
98 100
100 65.6



#62
4-Bromofluorobenzene
Concen: 31.372 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020862.D
Acq: 17 Jan 2025 17:54

Tgt Ion: 95 Resp: 21
Ion Ratio Lower Upper
95 100
174 0.0 0.0 178.0
176 0.0 0.0 172.0



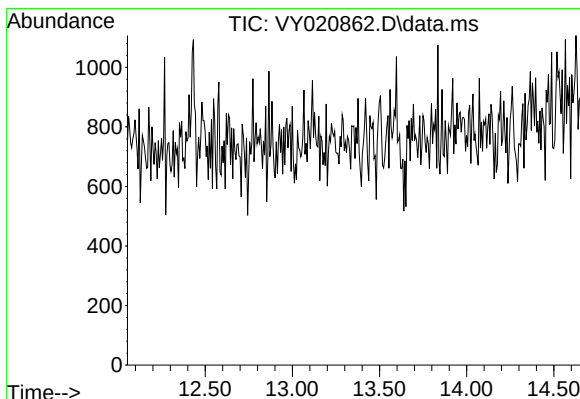
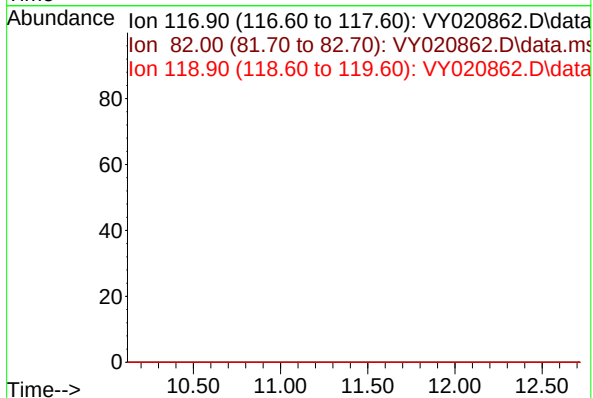


#63
Chlorobenzene-d5
Concen: 0.000 ug/l
Expected RT: 11.42 min

Lab File: VY020862.D
Acq: 17 Jan 2025 17:54

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 117
Sig Exp Ratio
117 100
82 52.2
119 32.3



#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.35 min

Lab File: VY020862.D
Acq: 17 Jan 2025 17:54

Tgt Ion: 152
Sig Exp Ratio
152 100
115 58.0
150 173.7

