

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032025\
 Data File : VY021578.D
 Acq On : 20 Mar 2025 13:38
 Operator : SY/MD
 Sample : Q1606-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CHRT24743

Quant Time: Mar 21 01:33:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.732	168	63	50.000	ug/l	# 0.02
34) 1,4-Difluorobenzene	8.658	114	52	50.000	ug/l	0.04
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	8.329	65	22	33.039	ug/l	0.26
Spiked Amount	50.000	Range	50 - 163	Recovery	=	66.080%
35) Dibromofluoromethane	7.652	113	60	175.539	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	351.080%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	58 - 134	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	30 - 143	Recovery	=	0.000%#

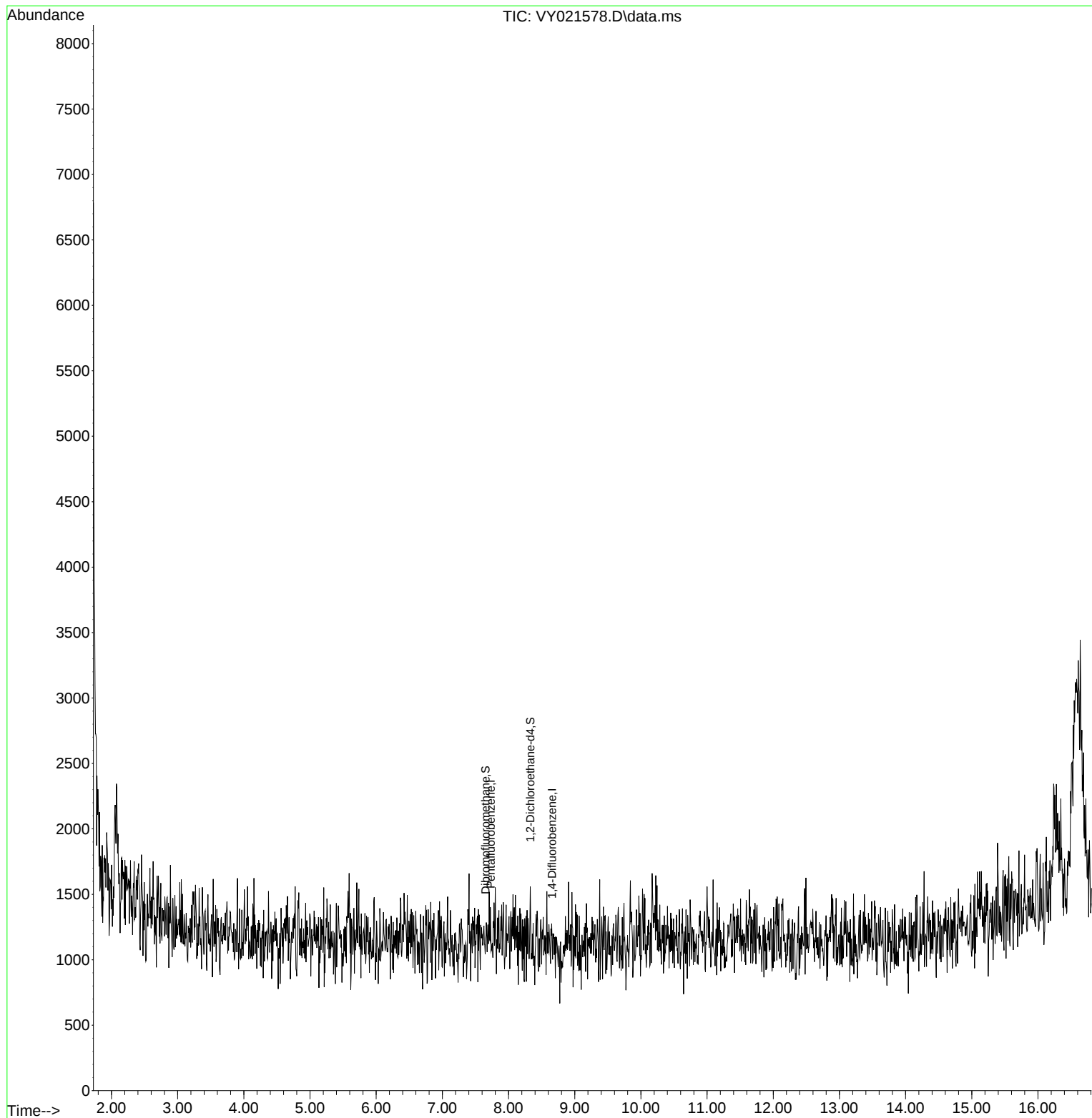
Target Compounds	Qvalue

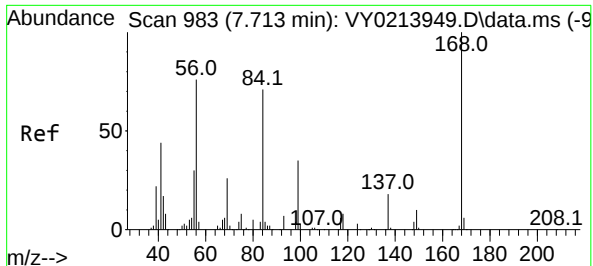
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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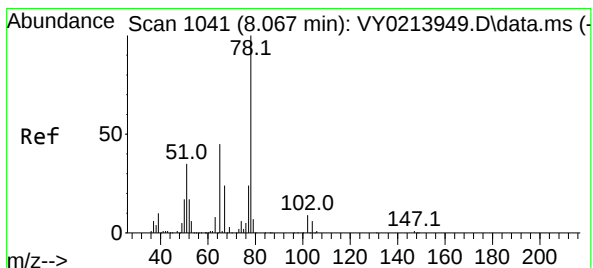
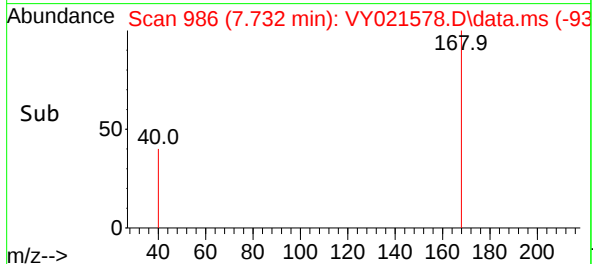
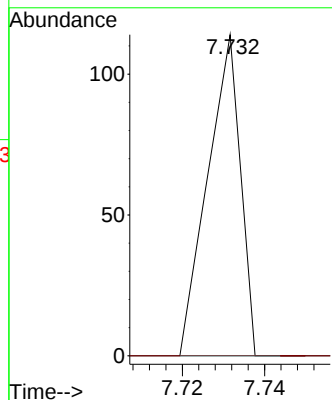
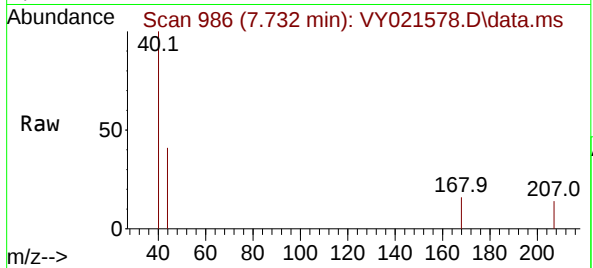




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.732 min Scan# 91
Delta R.T. 0.019 min
Lab File: VY021578.D
Acq: 20 Mar 2025 13:38

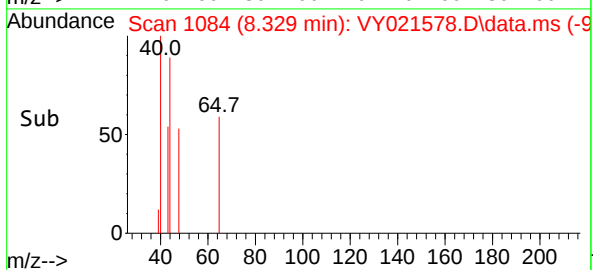
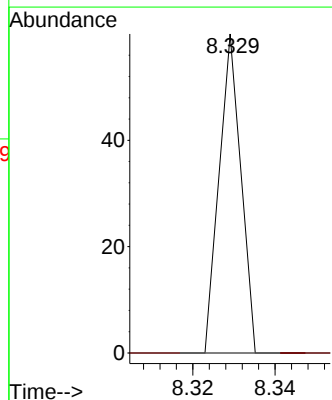
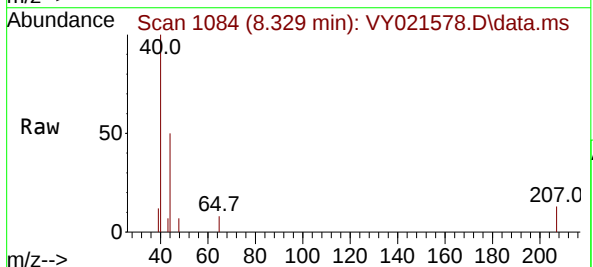
Instrument :
MSVOA_Y
ClientSampleId :
CHRT24743

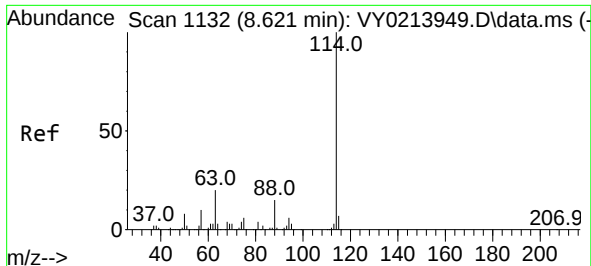
Tgt Ion:168 Resp: 63
Ion Ratio Lower Upper
168 100
99 0.0 46.0 69.0#



#33
1,2-Dichloroethane-d4
Concen: 33.039 ug/l
RT: 8.329 min Scan# 1084
Delta R.T. 0.262 min
Lab File: VY021578.D
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Tgt Ion: 65 Resp: 22
Ion Ratio Lower Upper
65 100
67 0.0 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.658 min Scan# 1138

Delta R.T. 0.037 min

Lab File: VY021578.D

Acq: 20 Mar 2025 13:38

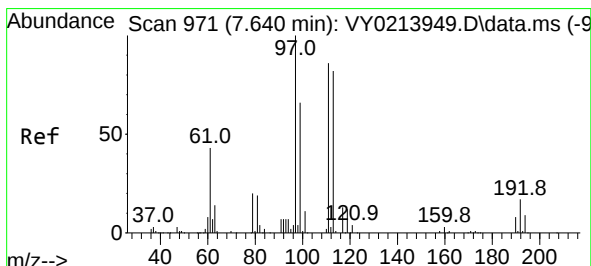
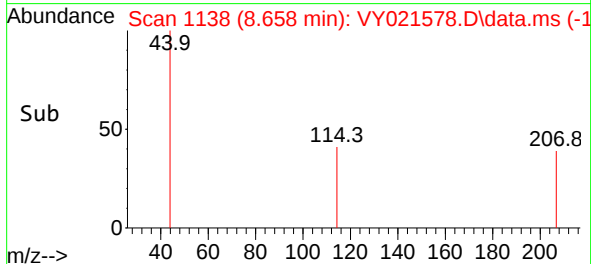
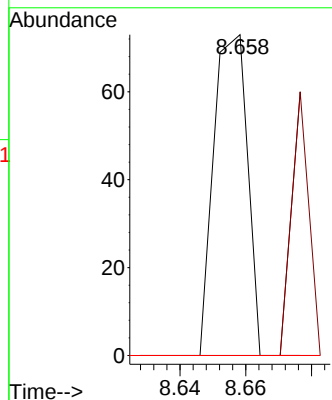
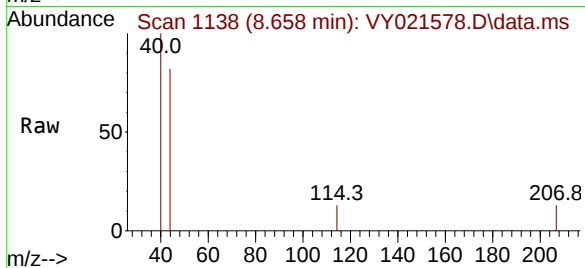
Instrument :

MSVOA_Y

ClientSampleId :

CHRT24743

Tgt Ion:114	Resp:	52
Ion	Ratio	Lower Upper
114	100	
63	0.0	0.0 40.8
88	0.0	0.0 30.8



#35

Dibromofluoromethane

Concen: 175.539 ug/l

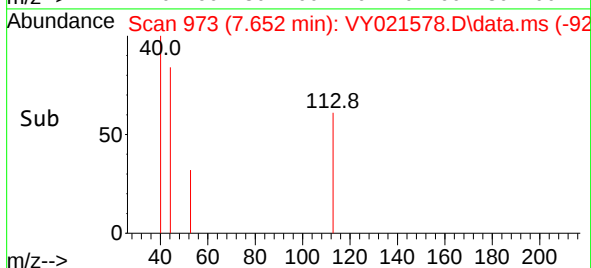
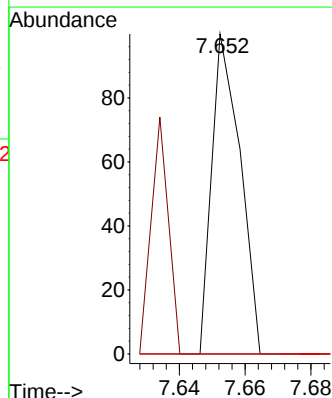
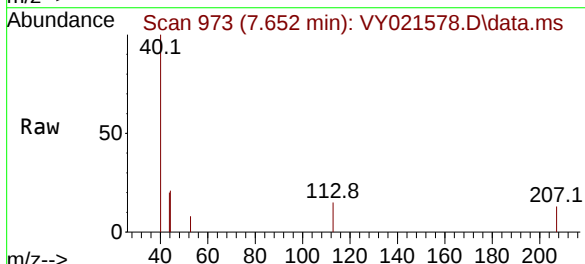
RT: 7.652 min Scan# 973

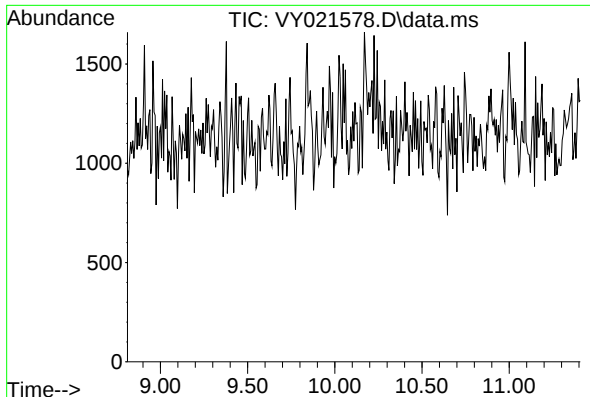
Delta R.T. 0.012 min

Lab File: VY021578.D

Acq: 20 Mar 2025 13:38

Tgt Ion:113	Resp:	60
Ion	Ratio	Lower Upper
113	100	
111	45.0	82.0 123.0#
192	0.0	15.9 23.9#



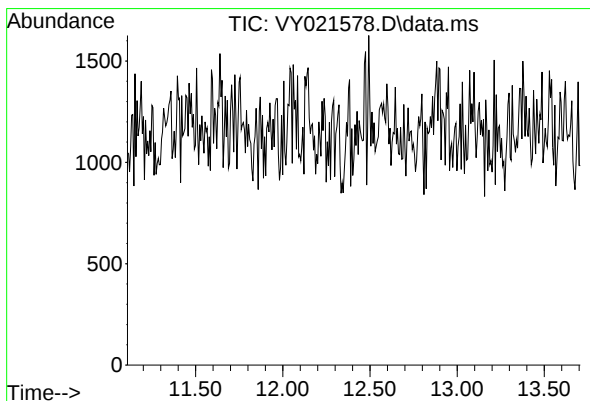
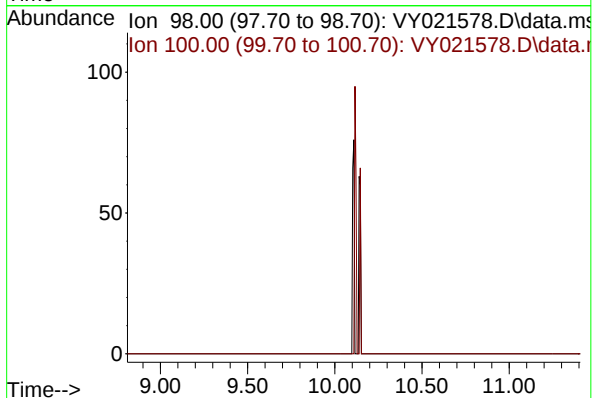


#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.11 min

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Instrument :
MSVOA_Y
ClientSampleId :
CHRT24743

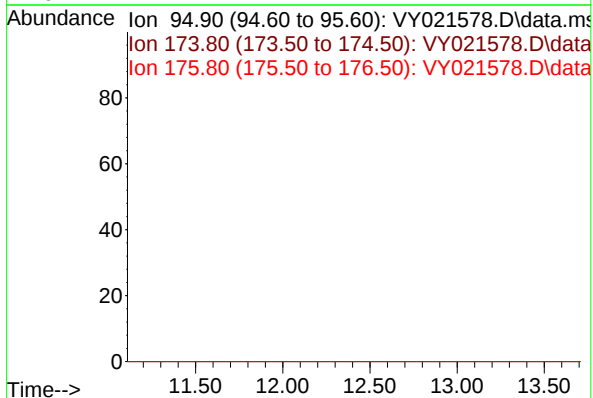
Tgt Ion: 98
Sig Exp Ratio
98 100
100 65.1

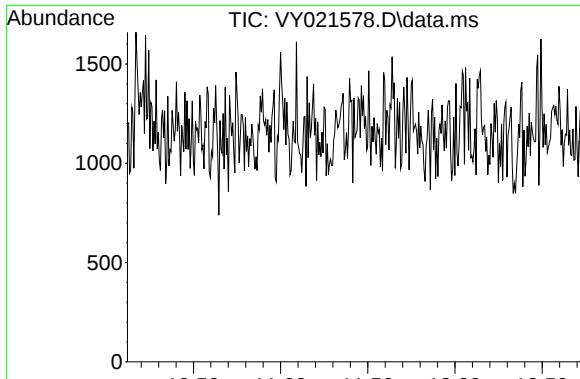


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.41 min

Lab File: VY021578.D
Acq: 20 Mar 2025 13:38

Tgt Ion: 95
Sig Exp Ratio
95 100
174 82.5
176 80.0



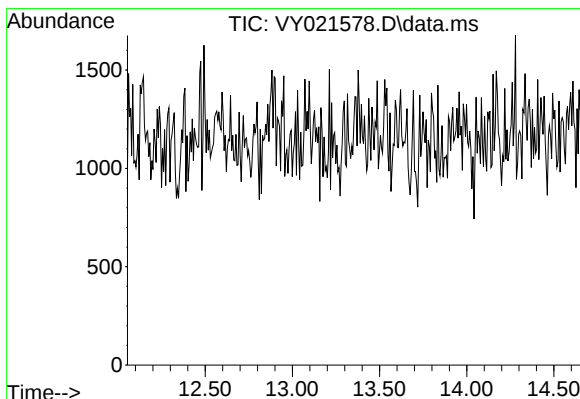
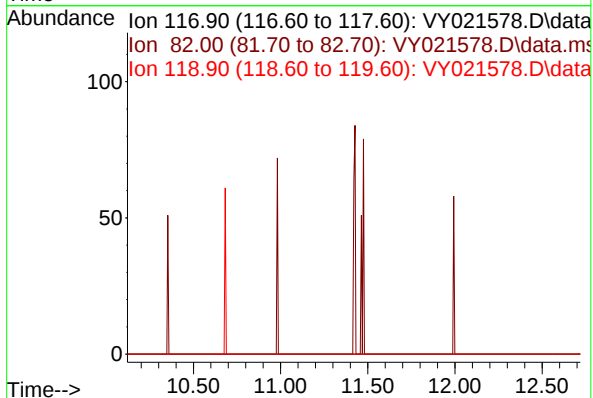


#63
Chlorobenzene-d5
Concen: 0.000 ug/l
Expected RT: 11.42 min

Lab File: VY021578.D
Acq: 20 Mar 2025 13:38

Instrument :
MSVOA_Y
ClientSampleId :
CHRT24743

Tgt Ion: 117
Sig Exp Ratio
117 100
82 55.8
119 31.7



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

Lab File: VY021578.D
Acq: 20 Mar 2025 13:38

Tgt Ion: 152
Sig Exp Ratio
152 100
115 58.0
150 173.6

