

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080924\
 Data File : VD079692.D
 Acq On : 09 Aug 2024 14:44
 Operator : RP/MD
 Sample : P3474-09
 Misc : 7.56G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-A2-GRAB

Quant Time: Aug 10 02:10:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	248397	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	490260	50.000	ug/l	0.00
63) Chlorobenzene-d5	0.000	117	0	0.000	ug/l	-11.58
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.51

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	101083	40.057	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	80.120%
35) Dibromofluoromethane	7.804	113	113258	34.131	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	68.260%
50) Toluene-d8	10.269	98	435424	33.790	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	67.580%
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	30 - 143	Recovery	=	0.000%#

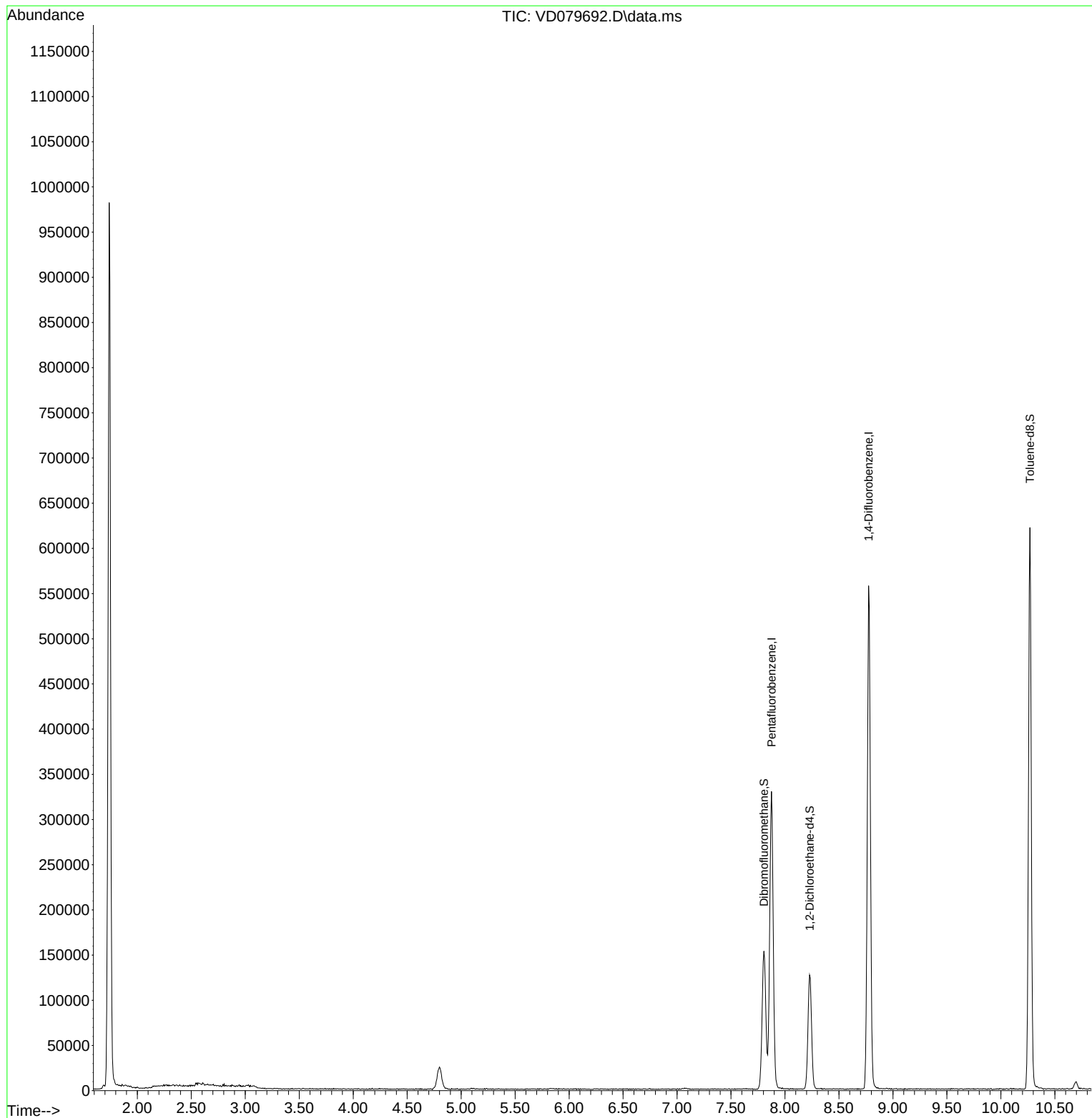
Target Compounds	Qvalue

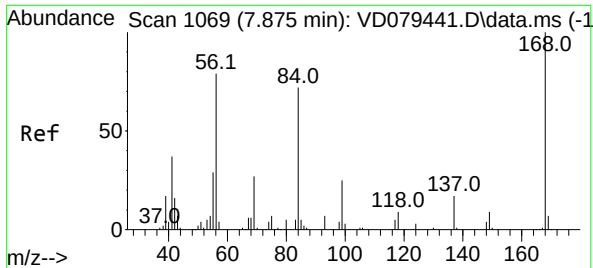
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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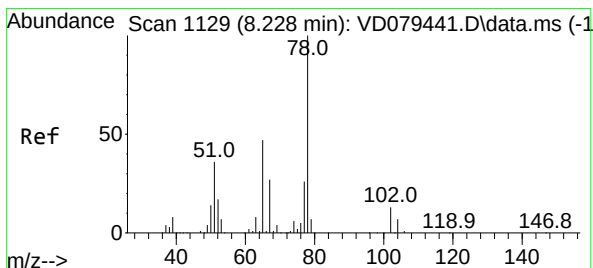
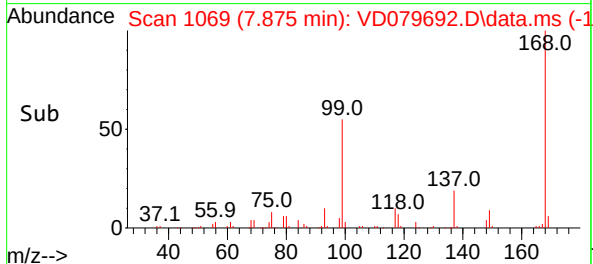
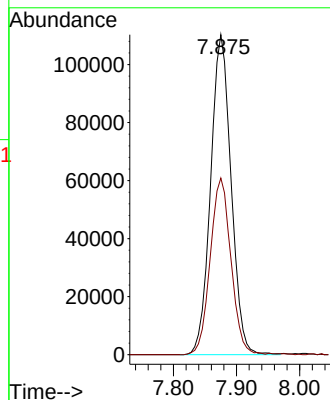
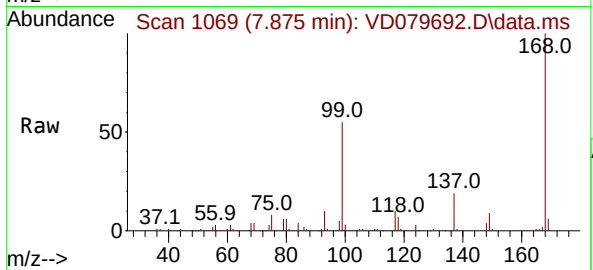




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079692.D
Acq: 09 Aug 2024 14:44

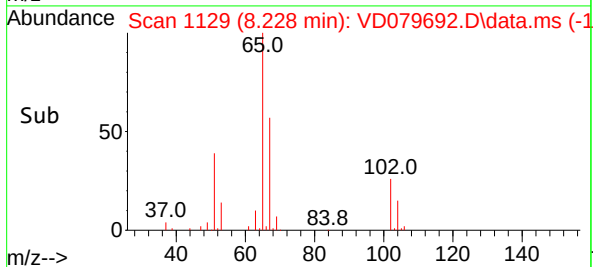
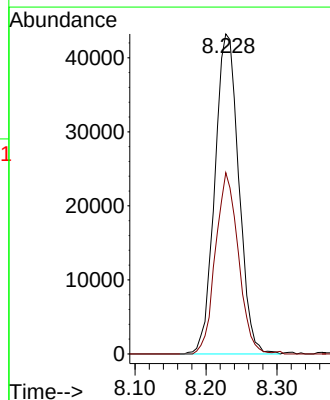
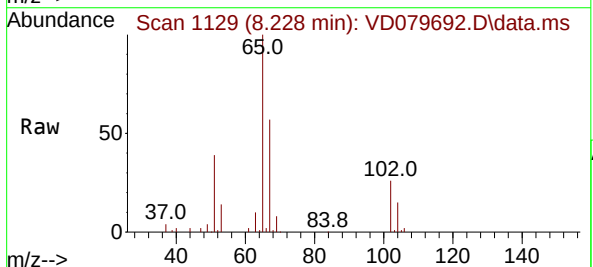
Instrument :
MSVOA_D
ClientSampleId :
WC-A2-GRAB

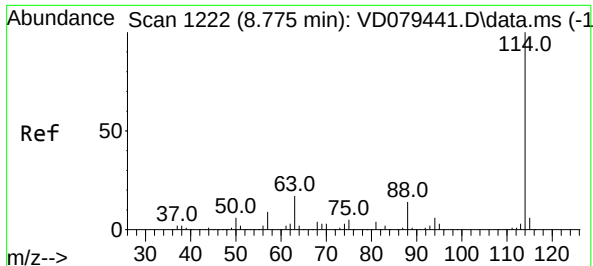
Tgt Ion:168 Resp: 248397
Ion Ratio Lower Upper
168 100
99 55.2 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 40.057 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079692.D
Acq: 09 Aug 2024 14:44

Tgt Ion: 65 Resp: 101083
Ion Ratio Lower Upper
65 100
67 54.2 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD079692.D

Acq: 09 Aug 2024 14:44

Instrument :

MSVOA_D

ClientSampleId :

WC-A2-GRAB

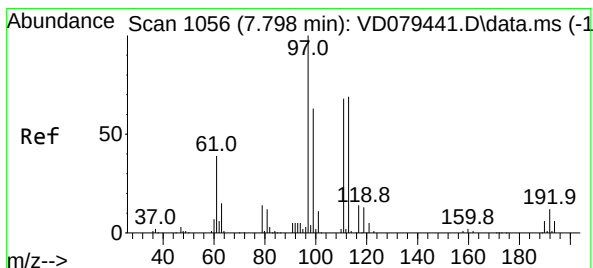
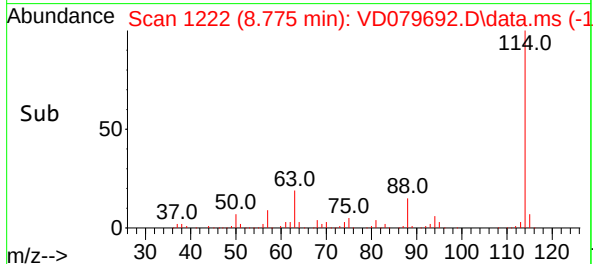
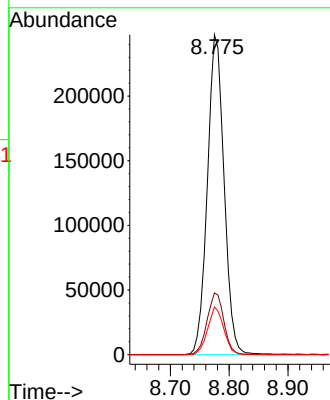
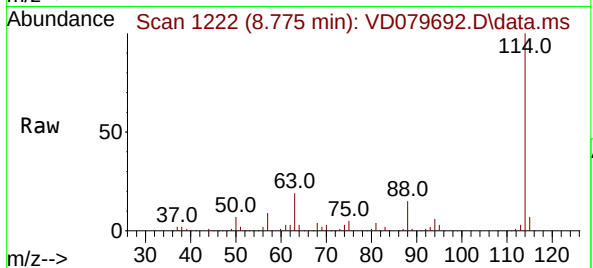
Tgt Ion:114 Resp: 490260

Ion Ratio Lower Upper

114 100

63 19.3 0.0 34.0

88 14.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 34.131 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079692.D

Acq: 09 Aug 2024 14:44

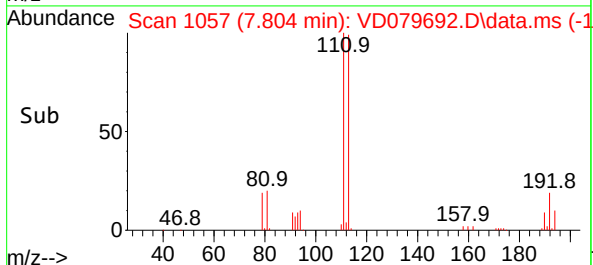
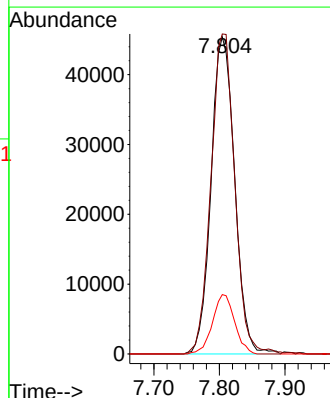
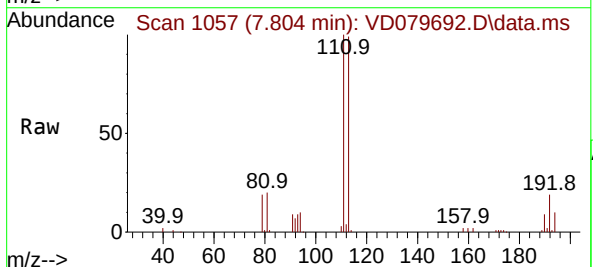
Tgt Ion:113 Resp: 113258

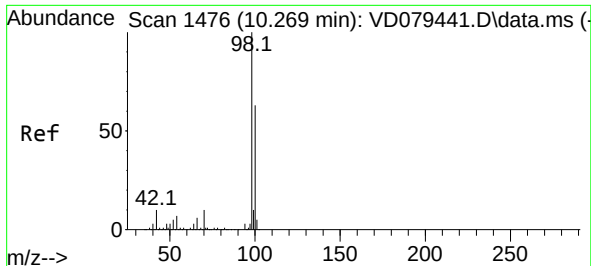
Ion Ratio Lower Upper

113 100

111 102.0 84.0 126.0

192 17.6 15.4 23.0

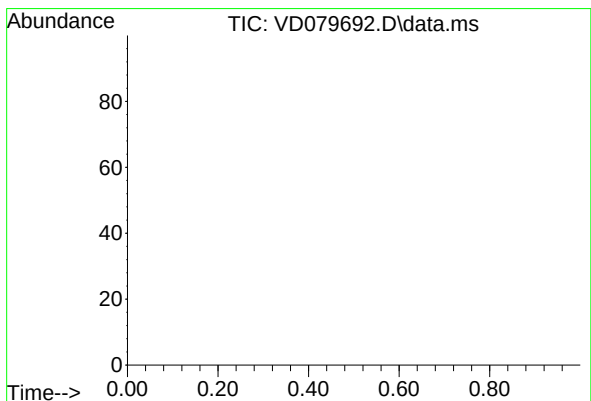
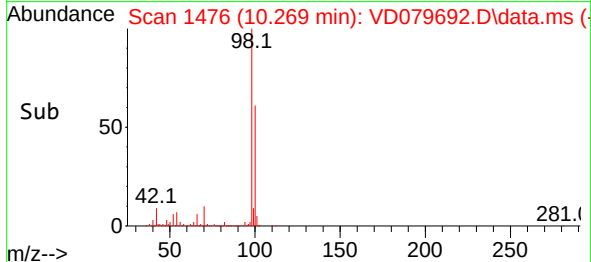
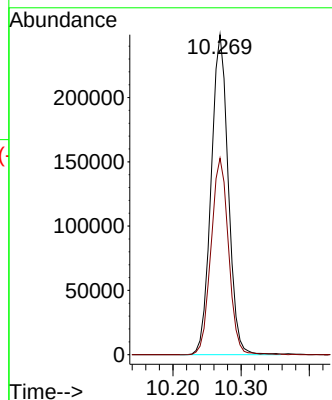
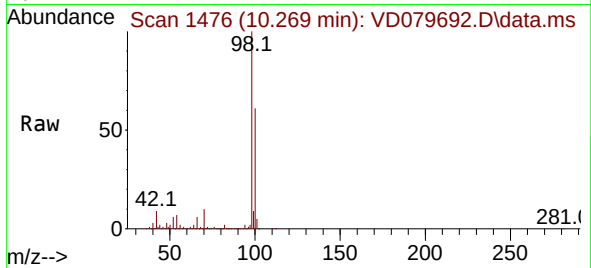




#50
Toluene-d8
Concen: 33.790 ug/l
RT: 10.269 min Scan# 14
Delta R.T. 0.006 min
Lab File: VD079692.D
Acq: 09 Aug 2024 14:44

Instrument :
MSVOA_D
ClientSampleId :
WC-A2-GRAB

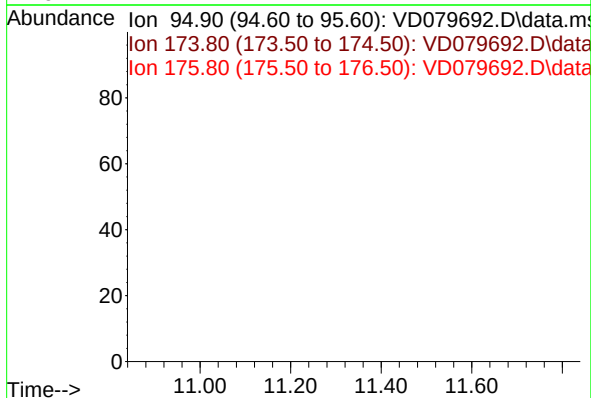
Tgt Ion: 98 Resp: 435424
Ion Ratio Lower Upper
98 100
100 62.6 51.6 77.4

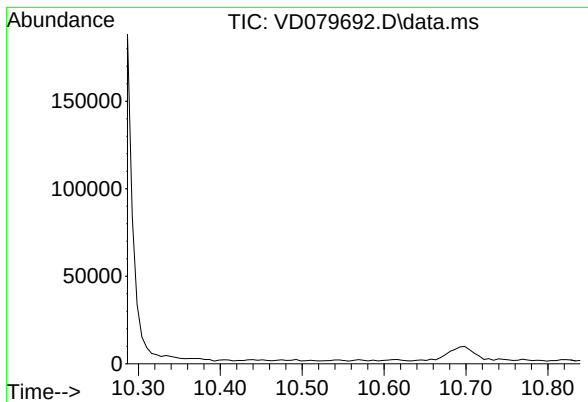


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.57 min

Lab File: VD079692.D
Acq: 09 Aug 2024 14:44

Tgt Ion: 95
Sig Exp Ratio
95 100
174 97.7
176 96.3



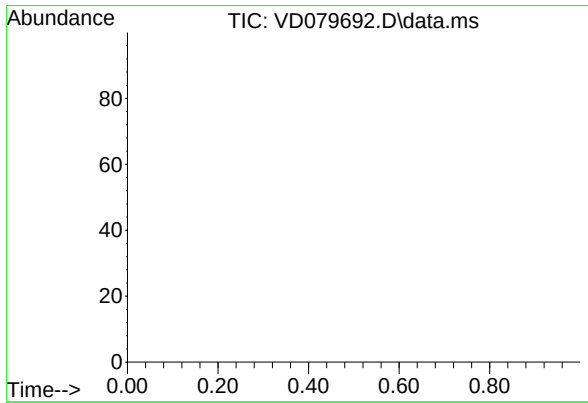
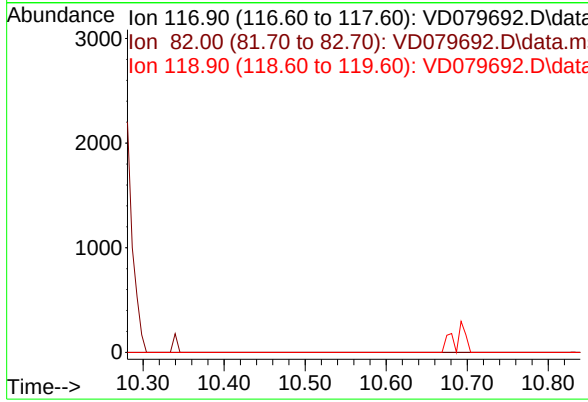


#63
 Chlorobenzene-d5
 Concen: 0.000 ug/l
 Expected RT: 11.58 min
 Lab File: VD079692.D
 Acq: 09 Aug 2024 14:44

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-A2-GRAB

Tgt Ion: 117

Sig	Exp Ratio
117	100
82	49.7
119	32.1



#72
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ug/l
 Expected RT: 13.51 min
 Lab File: VD079692.D
 Acq: 09 Aug 2024 14:44

Tgt Ion: 152

Sig	Exp Ratio
152	100
115	53.0
150	170.8

