

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052223\
 Data File : VD076182.D
 Acq On : 22 May 2023 18:22
 Operator : KP/SY
 Sample : 02840-04
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: May 23 01:25:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.858	168	216	50.000	ug/l	#-0.02
34) 1,4-Difluorobenzene	8.781	114	858	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	61	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.52

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	7.816	113	121	20.402	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	40.800%#
50) Toluene-d8	10.269	98	404	17.475	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	34.940%#
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	30 - 143	Recovery	=	0.000%#

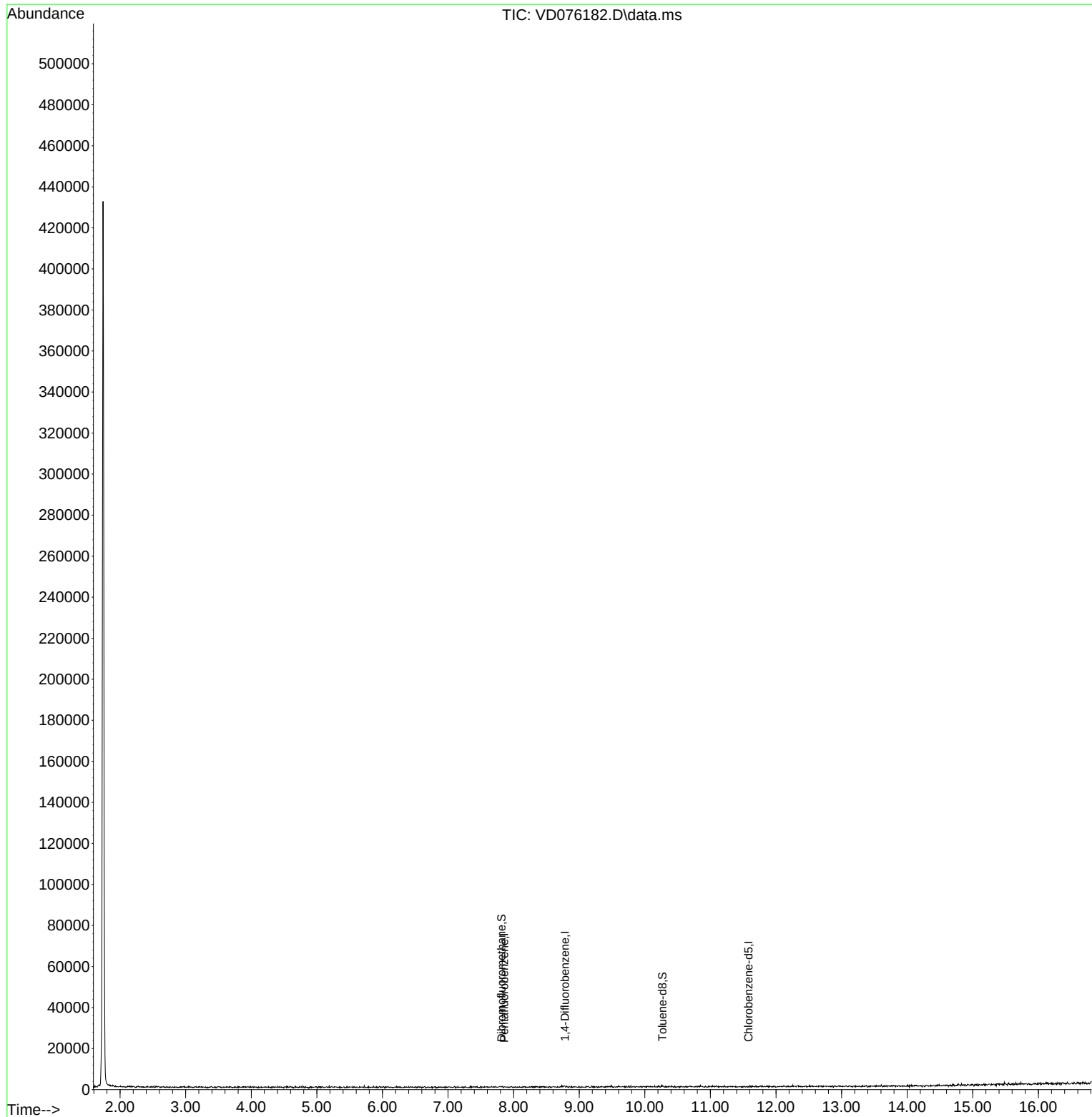
Target Compounds	Qvalue

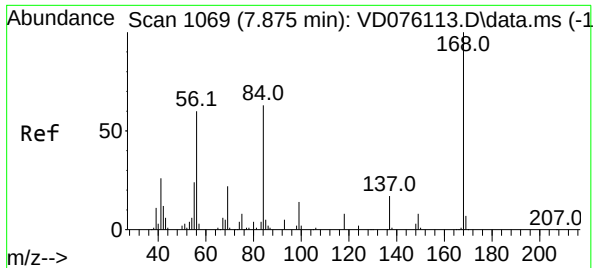
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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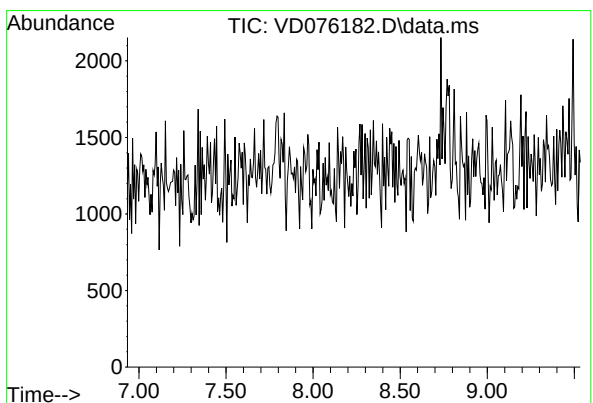
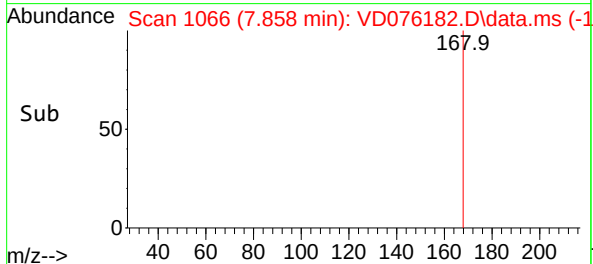
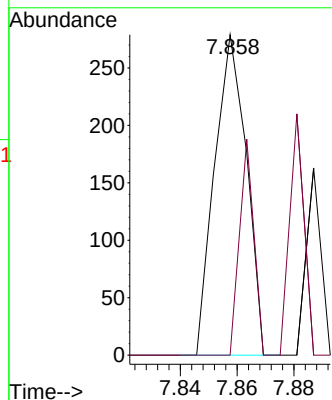
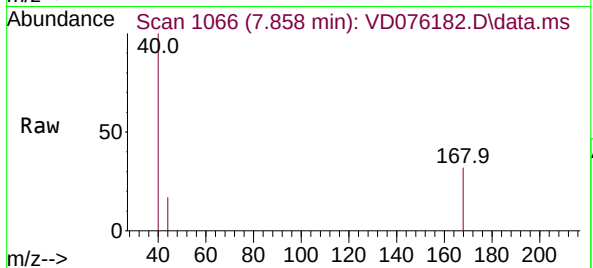




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.858 min Scan# 10
Delta R.T. -0.017 min
Lab File: VD076182.D
Acq: 22 May 2023 18:22

Instrument :
MSVOA_D
ClientSampleId :
TP-2

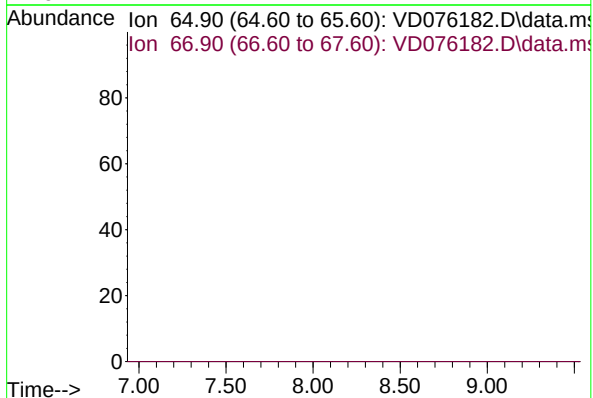
Tgt Ion:168 Resp: 216
Ion Ratio Lower Upper
168 100
99 0.0 43.8 65.6#



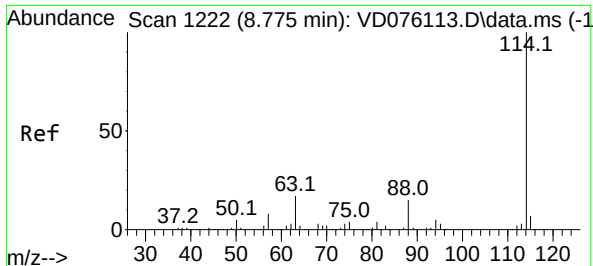
#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 8.23 min

Lab File: VD076182.D
Acq: 22 May 2023 18:22

Tgt Ion: 65
Sig Exp Ratio
65 100
67 51.1



Ion 66.90 (66.60 to 67.60): VD076182.D\data.ms



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076182.D

Acq: 22 May 2023 18:22

Instrument :

MSVOA_D

ClientSampleId :

TP-2

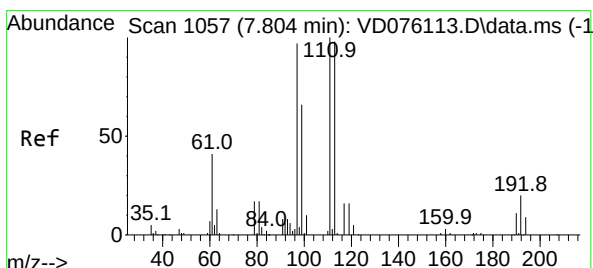
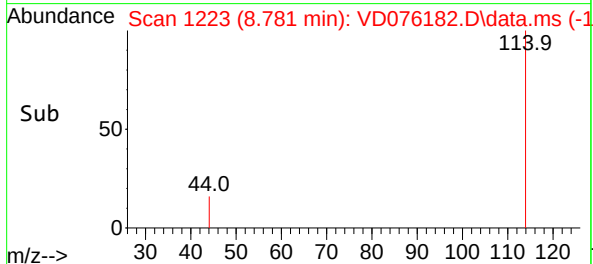
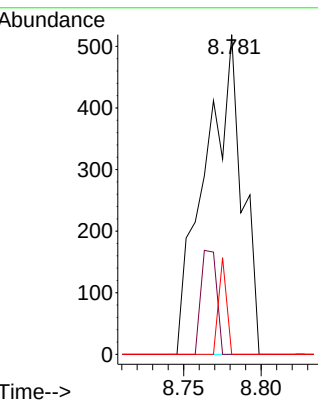
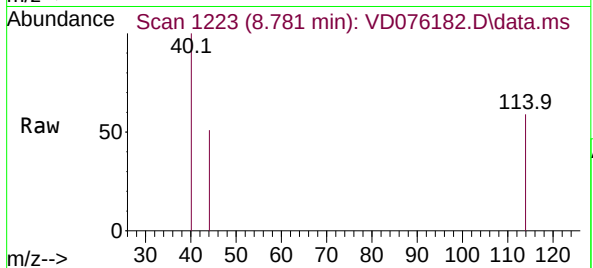
Tgt Ion:114 Resp: 858

Ion Ratio Lower Upper

114 100

63 0.0 0.0 41.6

88 0.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 20.402 ug/l

RT: 7.816 min Scan# 1059

Delta R.T. 0.011 min

Lab File: VD076182.D

Acq: 22 May 2023 18:22

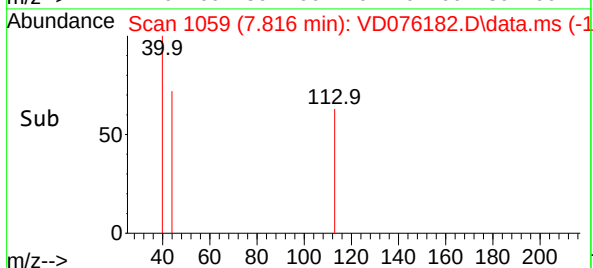
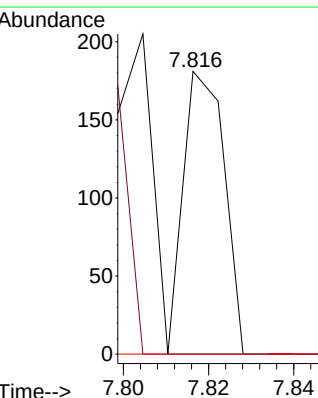
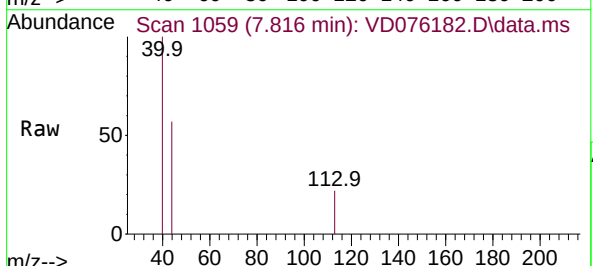
Tgt Ion:113 Resp: 121

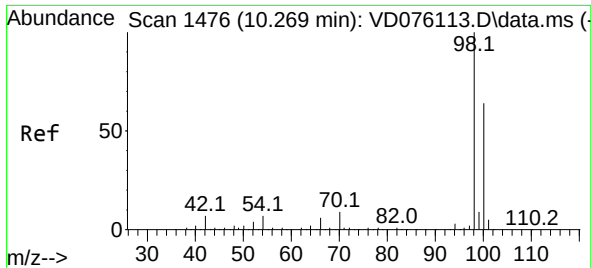
Ion Ratio Lower Upper

113 100

111 0.0 81.4 122.0#

192 0.0 15.2 22.8#

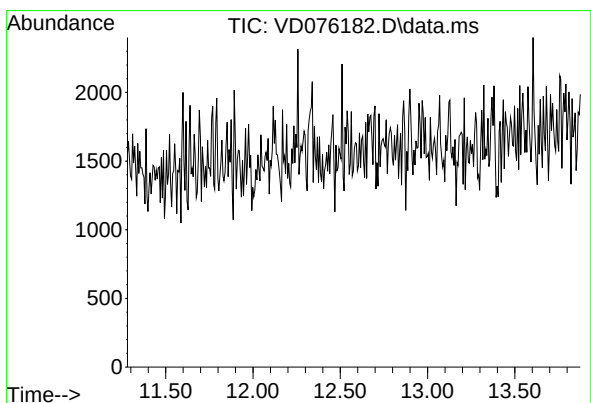
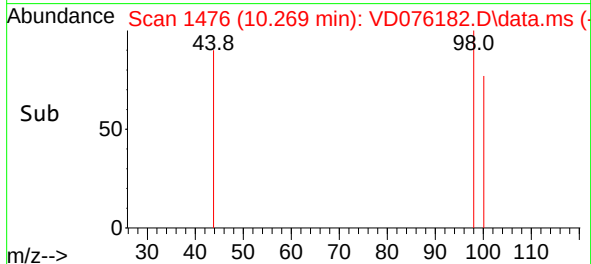
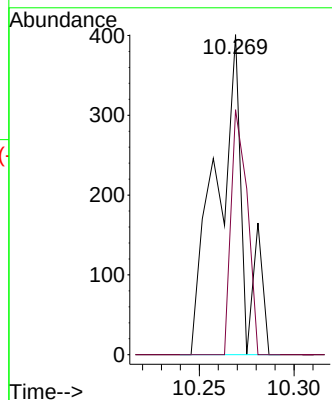
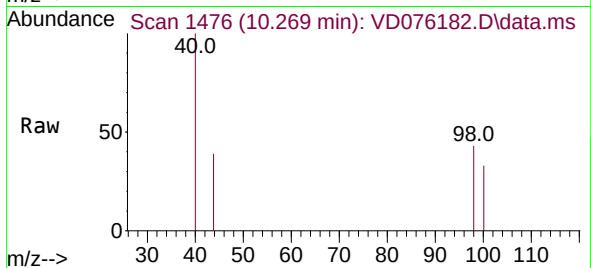




#50
Toluene-d8
Concen: 17.475 ug/l
RT: 10.269 min Scan# 14
Delta R.T. 0.000 min
Lab File: VD076182.D
Acq: 22 May 2023 18:22

Instrument :
MSVOA_D
ClientSampleId :
TP-2

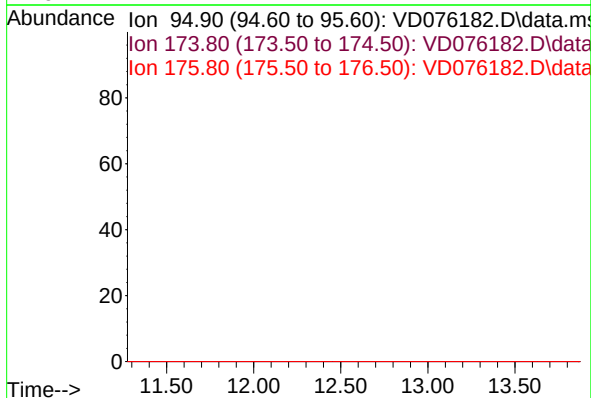
Tgt Ion: 98 Resp: 404
Ion Ratio Lower Upper
98 100
100 45.0 52.1 78.1#

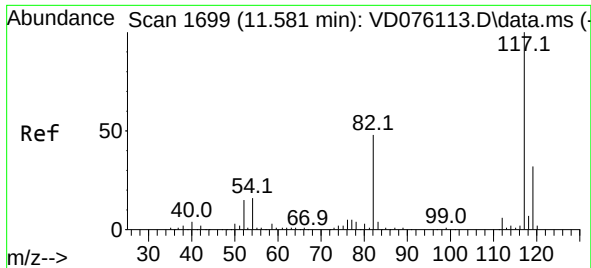


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.57 min

Lab File: VD076182.D
Acq: 22 May 2023 18:22

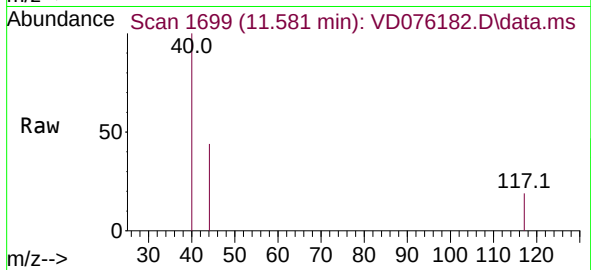
Tgt Ion: 95
Sig Exp Ratio
95 100
174 82.0
176 78.4



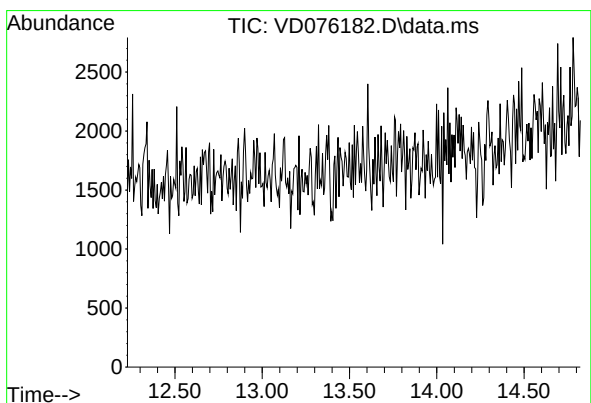
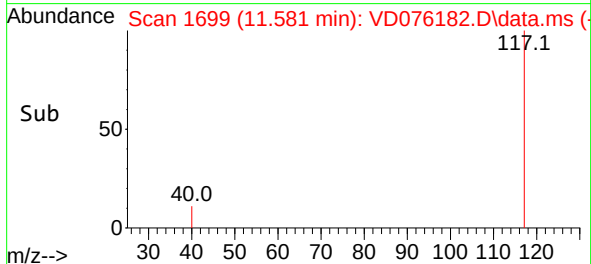
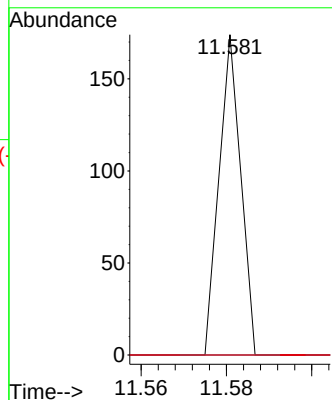


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076182.D
Acq: 22 May 2023 18:22

Instrument :
MSVOA_D
ClientSampleId :
TP-2



Tgt Ion:117 Resp: 61
Ion Ratio Lower Upper
117 100
82 0.0 44.0 66.0#
119 0.0 25.1 37.7#



#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.52 min

Lab File: VD076182.D
Acq: 22 May 2023 18:22

Tgt Ion: 152
Sig Exp Ratio
152 100
115 60.2
150 182.4

