

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011123\
 Data File : VD075122.D
 Acq On : 11 Jan 2023 17:16
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 12 04:28:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 10 03:36:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	0.000	168	0	0.000	ug/l	-7.88
34) 1,4-Difluorobenzene	8.775	114	67	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	66	50.000	ug/l	#-0.01
72) 1,4-Dichlorobenzene-d4	13.516	152	190	50.000	ug/l	# 0.00

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	10.269	98	199	119.087	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	238.180%#
62) 4-Bromofluorobenzene	12.587	95	275	512.707	ug/l	0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	=	1025.420%#

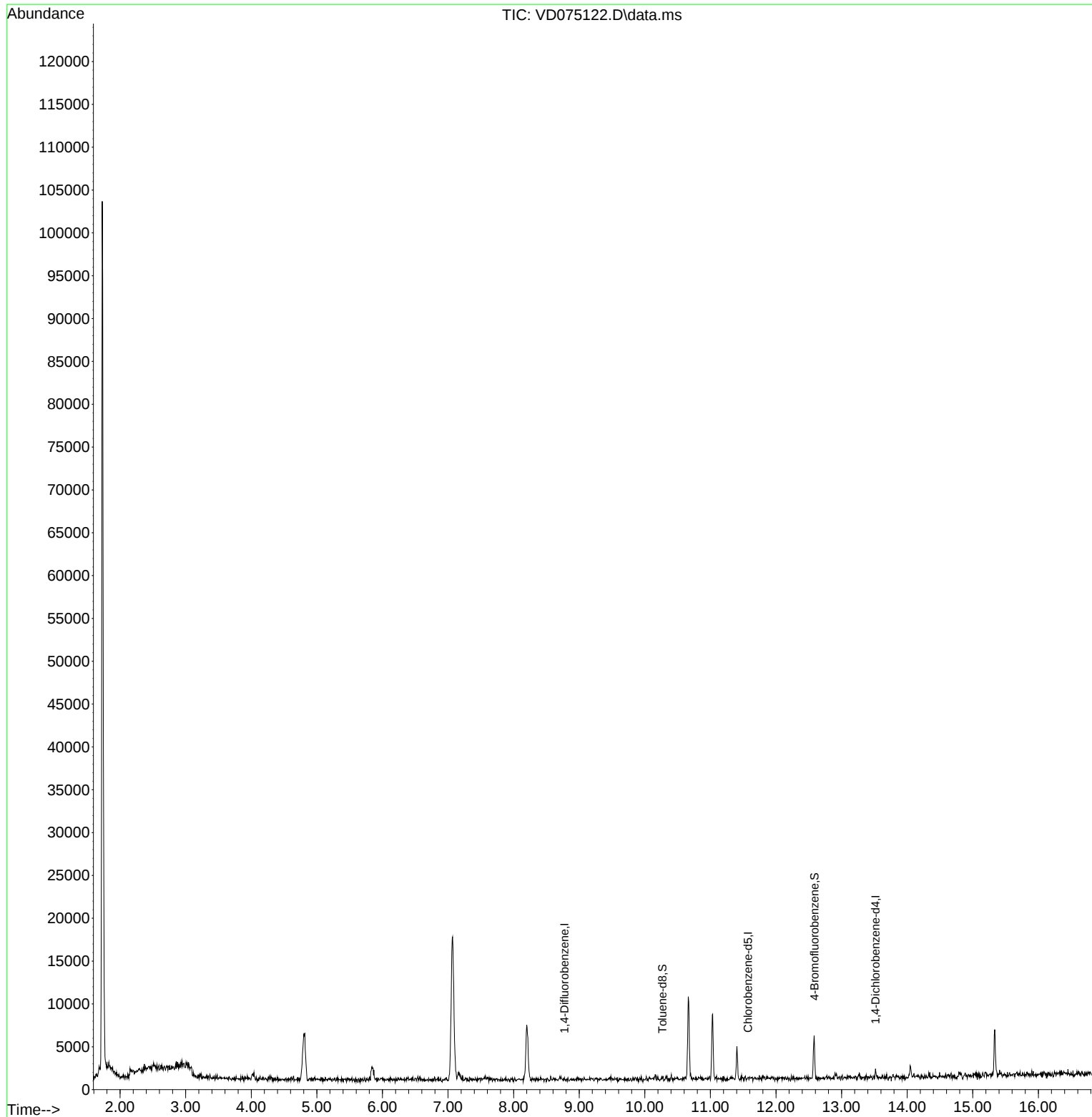
Target Compounds	Qvalue

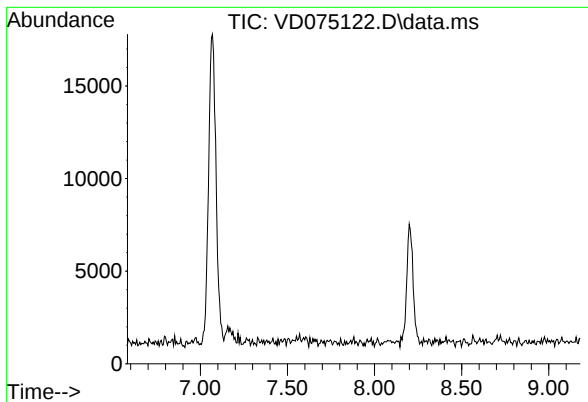
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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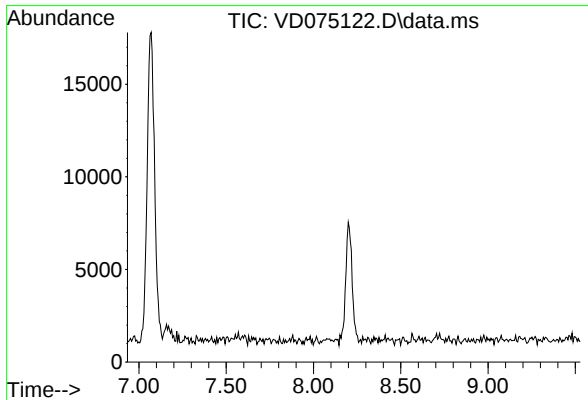
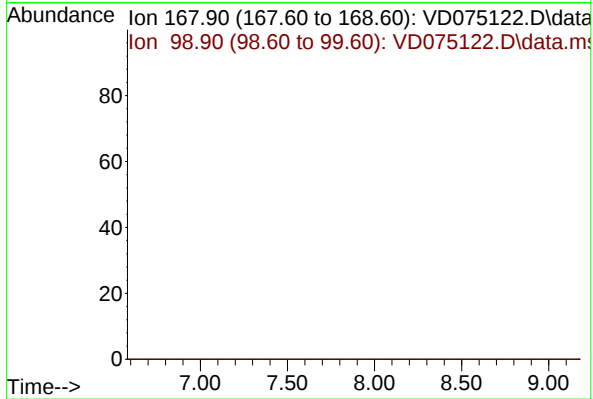


#1
Pentafluorobenzene
Concen: 0.000 ug/l
Expected RT: 7.88 min

Lab File: VD075122.D
Acq: 11 Jan 2023 17:16

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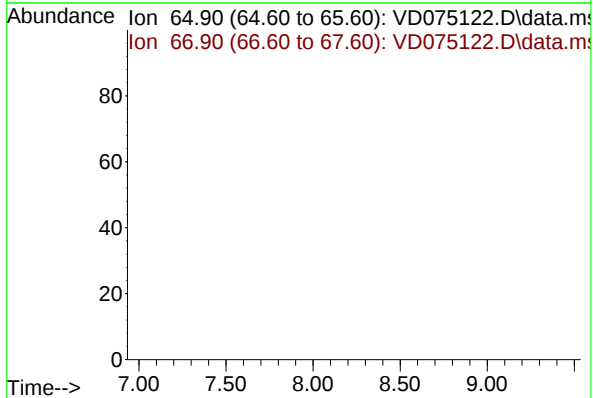
Tgt Ion: 168
Sig Exp Ratio
168 100
99 54.0

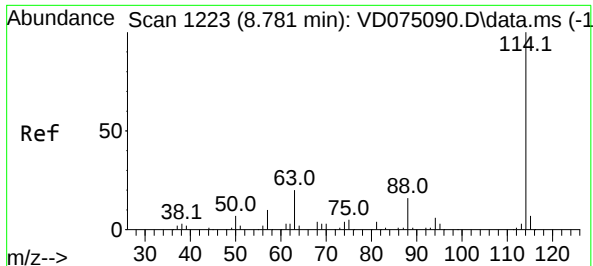


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 8.23 min

Lab File: VD075122.D
Acq: 11 Jan 2023 17:16

Tgt Ion: 65
Sig Exp Ratio
65 100
67 54.5





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD075122.D

Acq: 11 Jan 2023 17:16

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

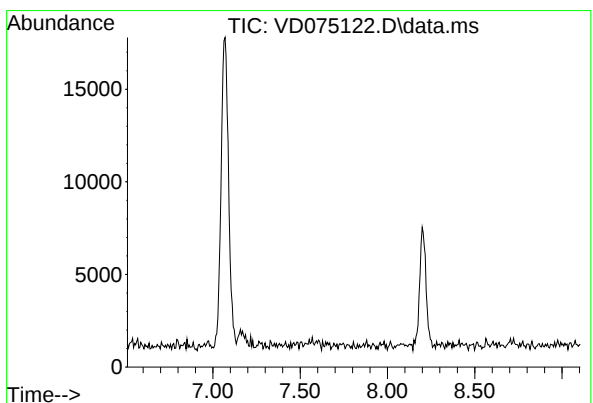
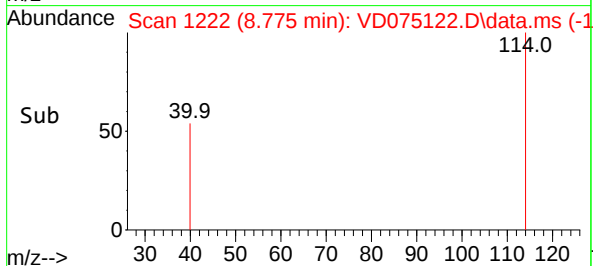
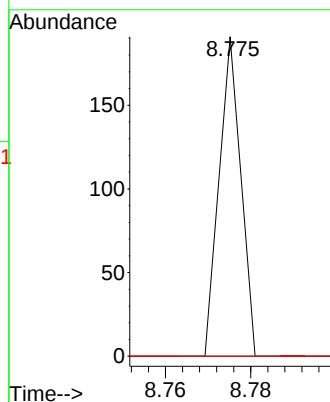
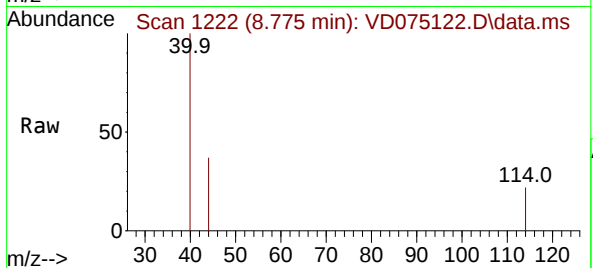
Tgt Ion:114 Resp: 67

Ion Ratio Lower Upper

114 100

63 0.0 0.0 40.0

88 0.0 0.0 31.2



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 7.81 min

Lab File: VD075122.D

Acq: 11 Jan 2023 17:16

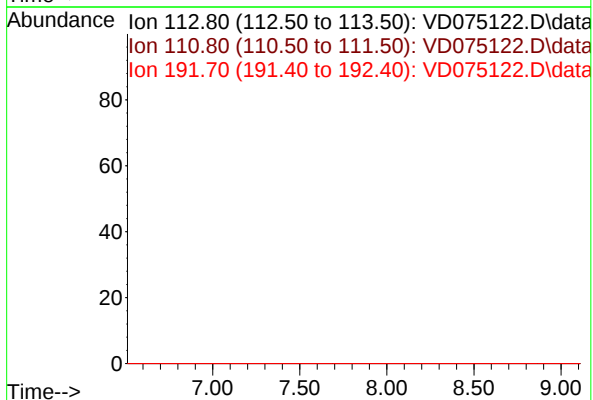
Tgt Ion: 113

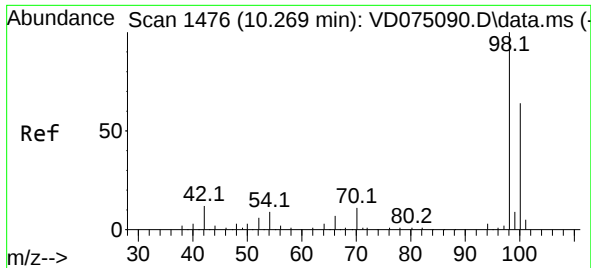
Sig Exp Ratio

113 100

111 104.0

192 18.8

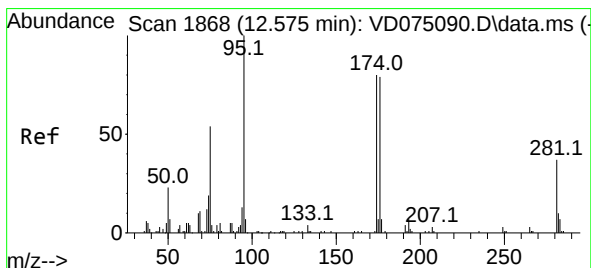
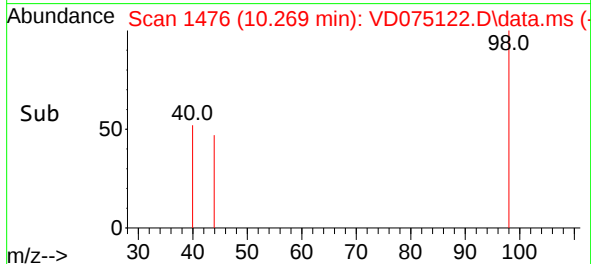
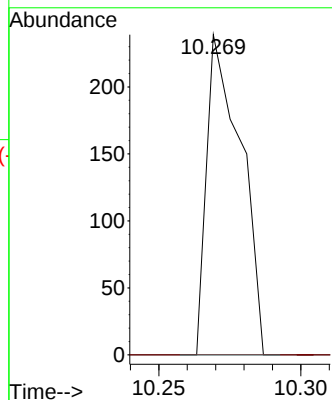
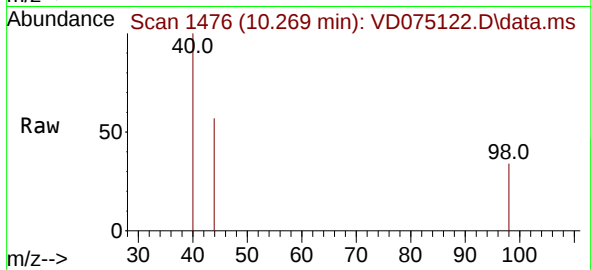




#50
Toluene-d8
Concen: 119.087 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD075122.D
Acq: 11 Jan 2023 17:16

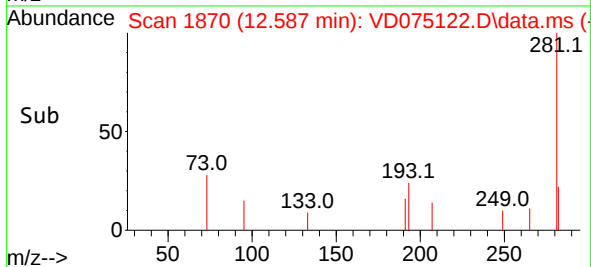
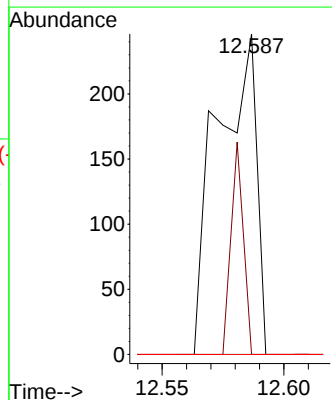
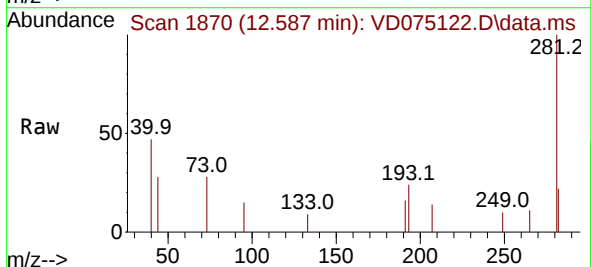
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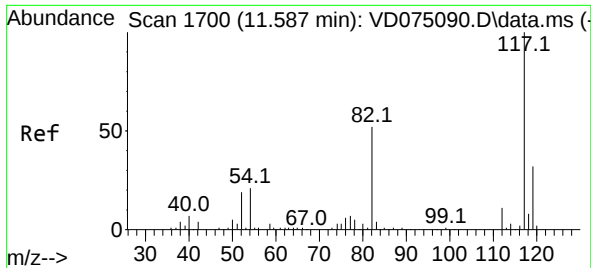
Tgt Ion: 98 Resp: 199
Ion Ratio Lower Upper
98 100
100 0.0 52.4 78.6#



#62
4-Bromofluorobenzene
Concen: 512.707 ug/l
RT: 12.587 min Scan# 1870
Delta R.T. 0.012 min
Lab File: VD075122.D
Acq: 11 Jan 2023 17:16

Tgt Ion: 95 Resp: 275
Ion Ratio Lower Upper
95 100
174 20.7 0.0 168.4
176 0.0 0.0 163.8

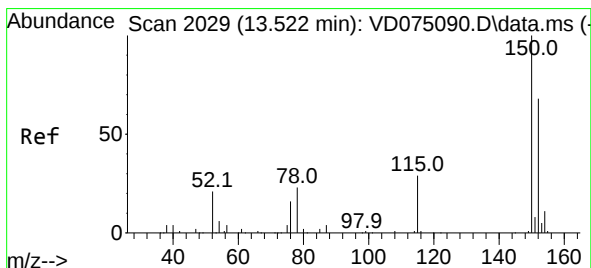
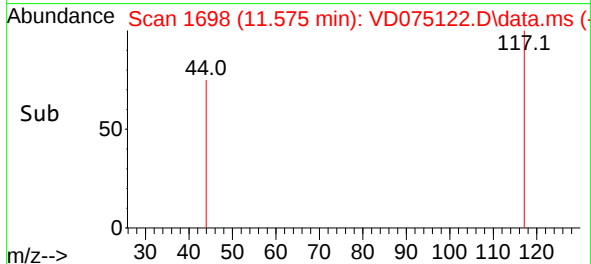
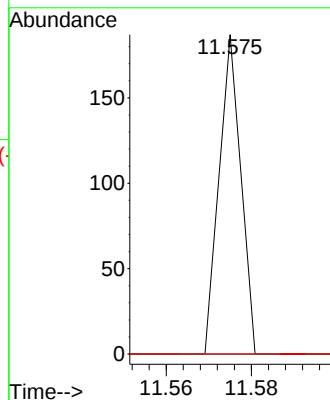
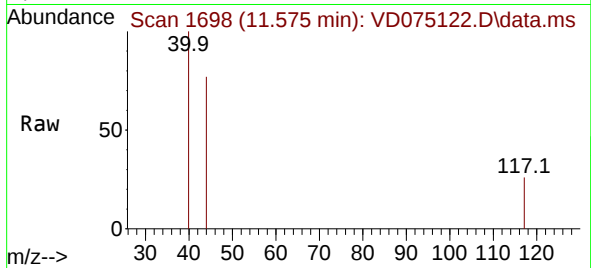




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1
Delta R.T. -0.012 min
Lab File: VD075122.D
Acq: 11 Jan 2023 17:16

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 66
Ion Ratio Lower Upper
117 100
82 0.0 41.3 61.9#
119 0.0 25.8 38.6#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD075122.D
Acq: 11 Jan 2023 17:16

Tgt Ion:152 Resp: 190
Ion Ratio Lower Upper
152 100
115 0.0 28.7 86.1#
150 256.3 0.0 343.2

