

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021323\
 Data File : VD075322.D
 Acq On : 13 Feb 2023 12:35
 Operator : KP/SY
 Sample : 01526-01RE
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-01-021023RE

Quant Time: Feb 14 01:19:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 04:26:58 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	8.781	114	55	50.000	ug/l	0.00
63) Chlorobenzene-d5	0.000	117	0	0.000	ug/l	-11.59
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	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	54 - 147	Recovery	=	0.000%#
50) Toluene-d8	10.281	98	116	79.313	ug/l	0.01
Spiked Amount	50.000	Range	49 - 140	Recovery	=	158.620%#
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	25 - 144	Recovery	=	0.000%#

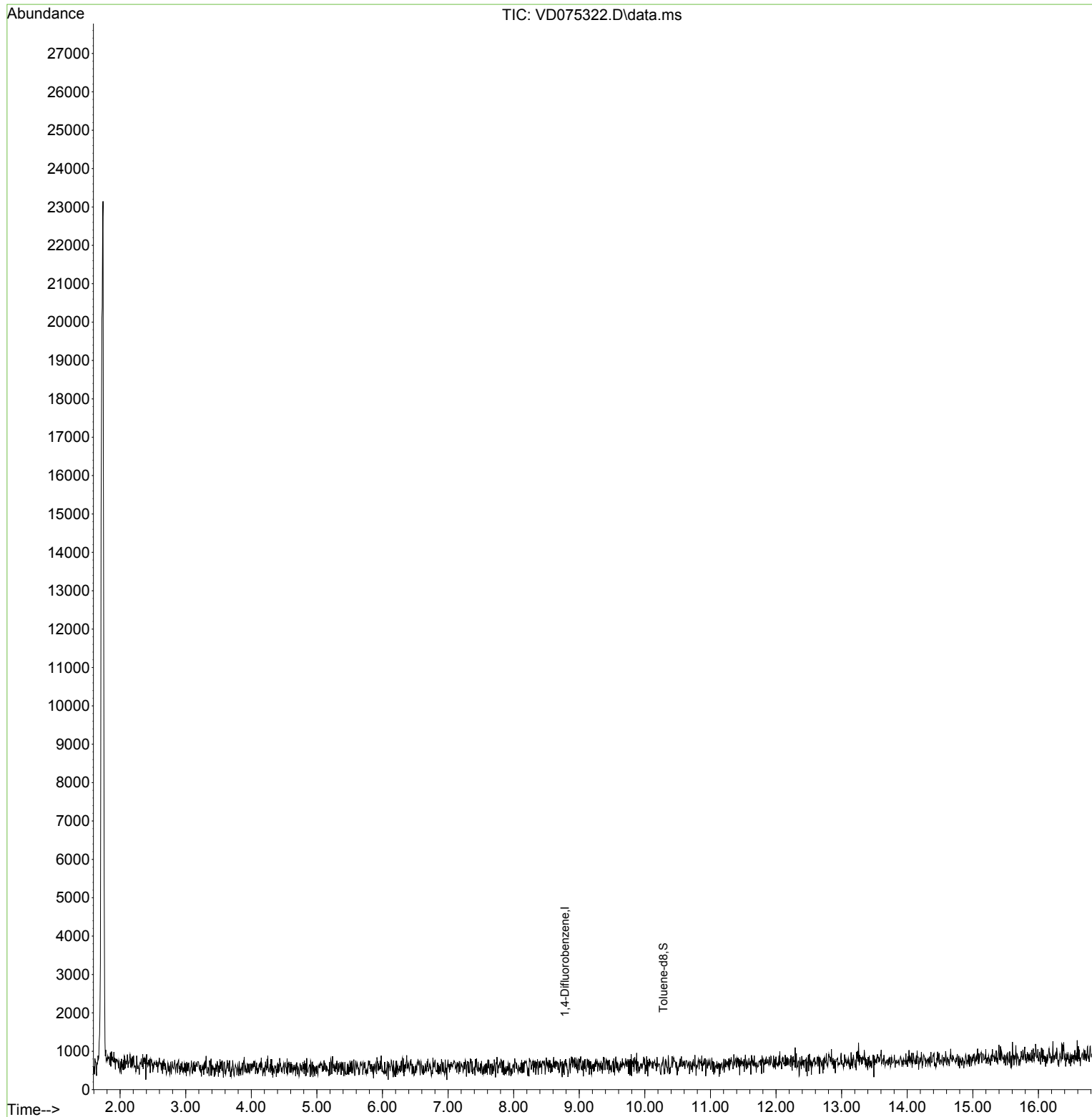
Target Compounds Qvalue

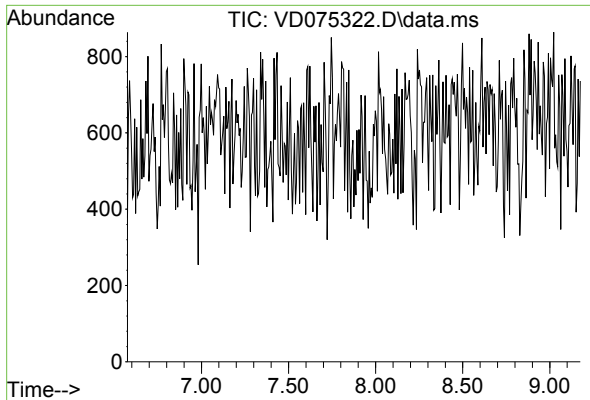
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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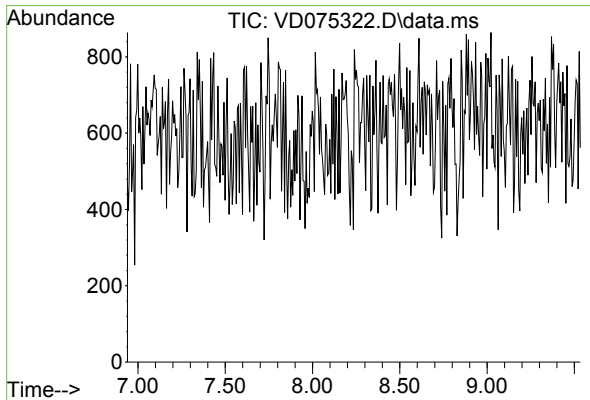
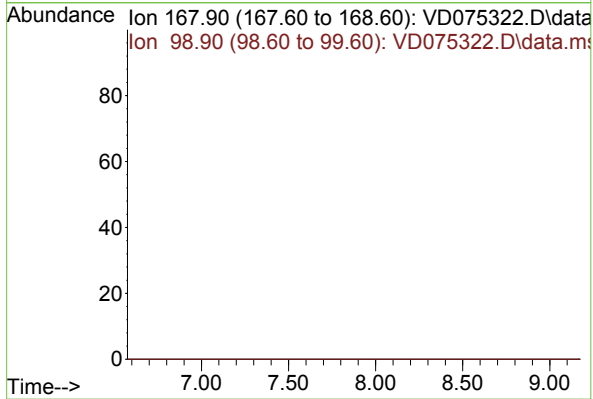


#1
Pentafluorobenzene
Concen: 0.000 ug/l
Expected RT: 7.88 min

Lab File: VD075322.D
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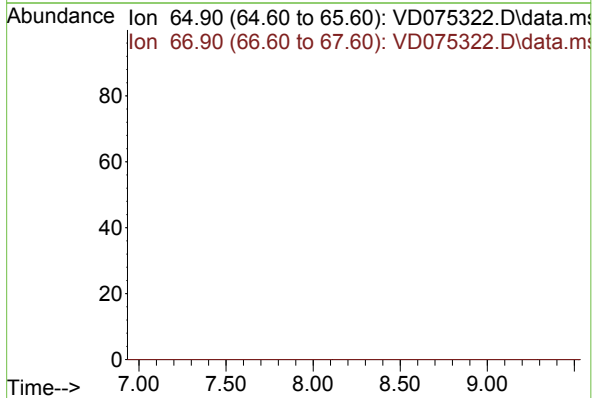
Tgt Ion: 168
Sig Exp Ratio
168 100
99 56.5

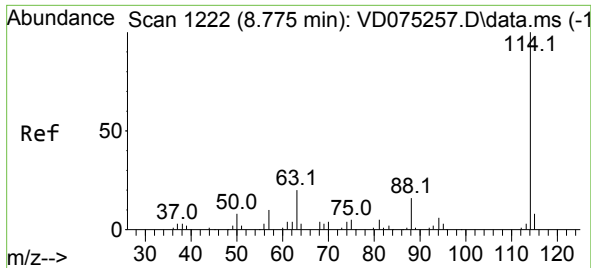


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 8.23 min

Lab File: VD075322.D
Acq: 13 Feb 2023 12:35

Tgt Ion: 65
Sig Exp Ratio
65 100
67 52.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD075322.D

Acq: 13 Feb 2023 12:35

Instrument :

MSVOA_D

ClientSampleId :

PL-01-021023RE

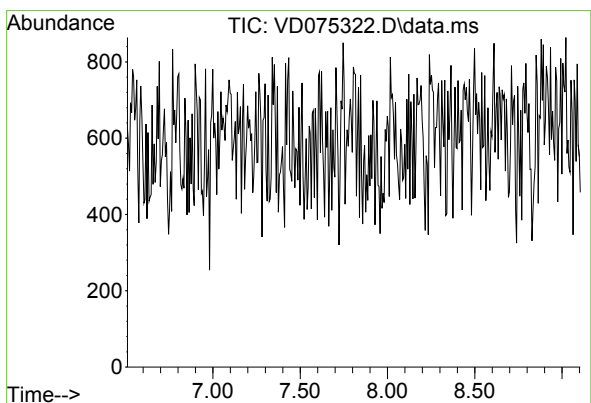
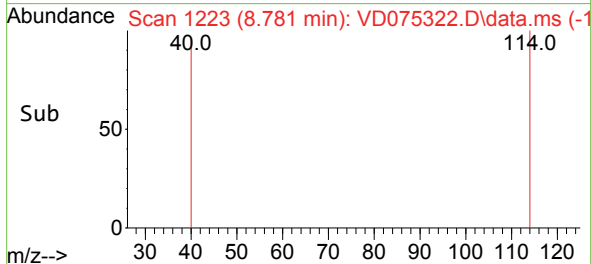
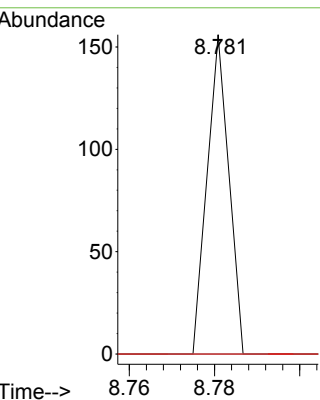
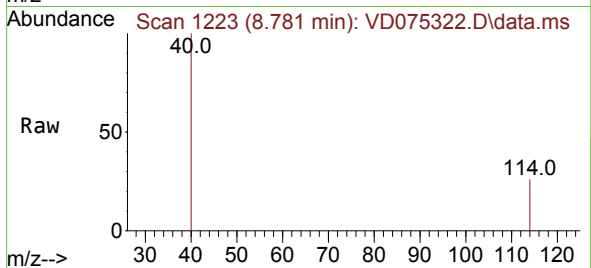
Tgt Ion:114 Resp: 55

Ion Ratio Lower Upper

114 100

63 0.0 0.0 40.2

88 0.0 0.0 32.2



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 7.81 min

Lab File: VD075322.D

Acq: 13 Feb 2023 12:35

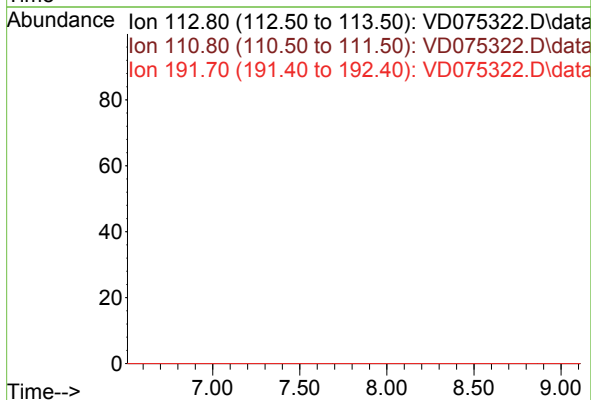
Tgt Ion: 113

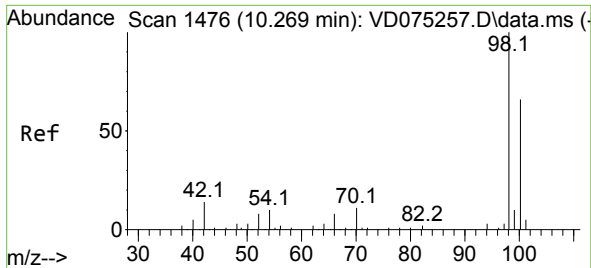
Sig Exp Ratio

113 100

111 100.1

192 19.2

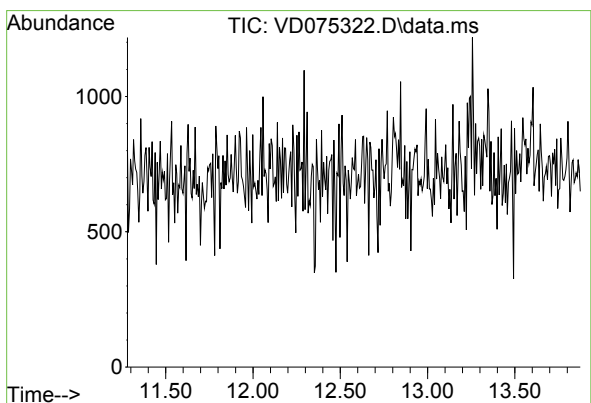
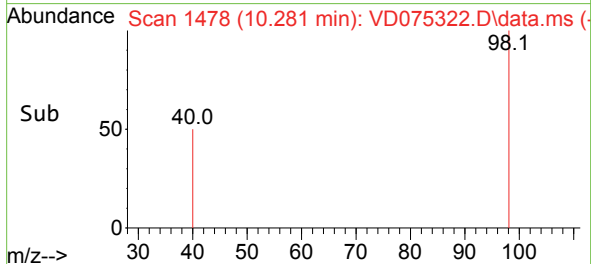
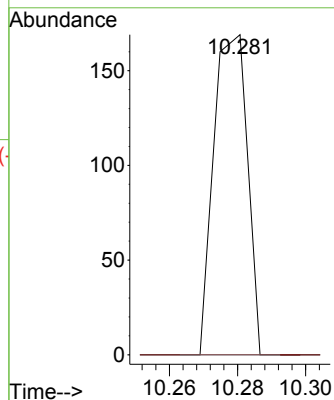
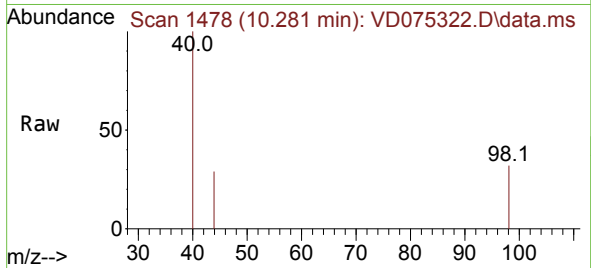




#50
Toluene-d8
Concen: 79.313 ug/l
RT: 10.281 min Scan# 14
Delta R.T. 0.012 min
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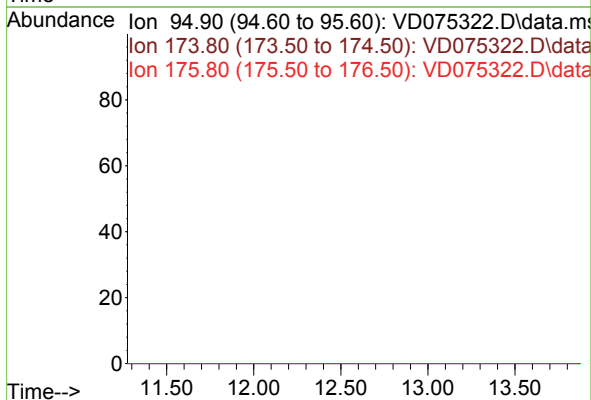
Tgt Ion: 98 Resp: 116
Ion Ratio Lower Upper
98 100
100 0.0 52.7 79.1#

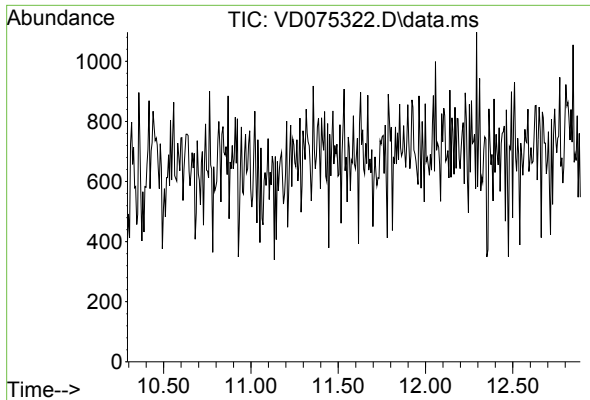


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.57 min

Lab File: VD075322.D
Acq: 13 Feb 2023 12:35

Tgt Ion: 95
Sig Exp Ratio
95 100
174 80.6
176 80.1



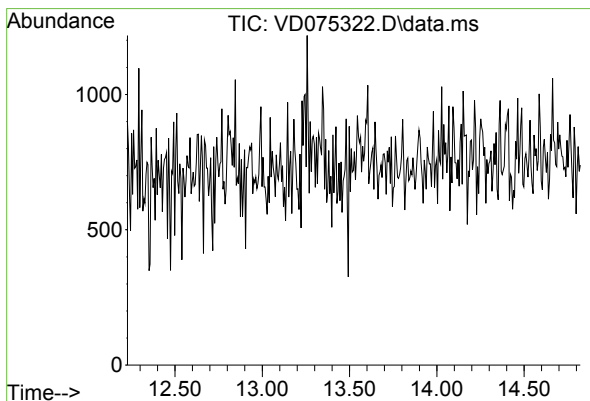
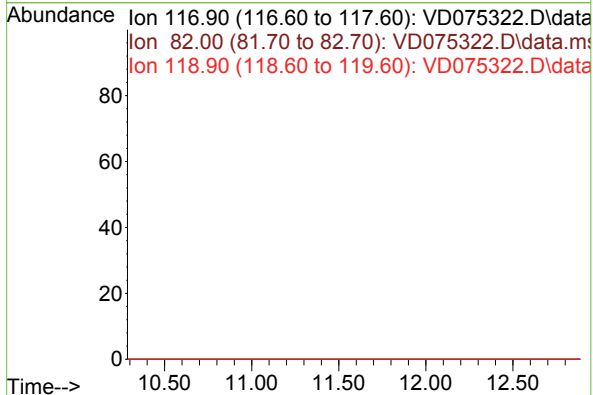


#63
Chlorobenzene-d5
Concen: 0.000 ug/l
Expected RT: 11.59 min

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Instrument :
MSVOA_D
ClientSampleId :
PL-01-021023RE

Tgt Ion: 117
Sig Exp Ratio
117 100
82 49.5
119 30.8



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

Lab File: VD075322.D
Acq: 13 Feb 2023 12:35

Tgt Ion: 152
Sig Exp Ratio
152 100
115 57.6
150 174.3

