

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082322\
 Data File : VY010172.D
 Acq On : 23 Aug 2022 17:57
 Operator : KP/MD
 Sample : N4272-05
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PSC-124035

Quant Time: Aug 24 04:34:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 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	-7.78
34) 1,4-Difluorobenzene	8.691	114	166	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	67	50.000	ug/l	# 0.01
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.42
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	10.173	98	123	35.093	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	70.180%
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	25 - 144	Recovery	=	0.000%#

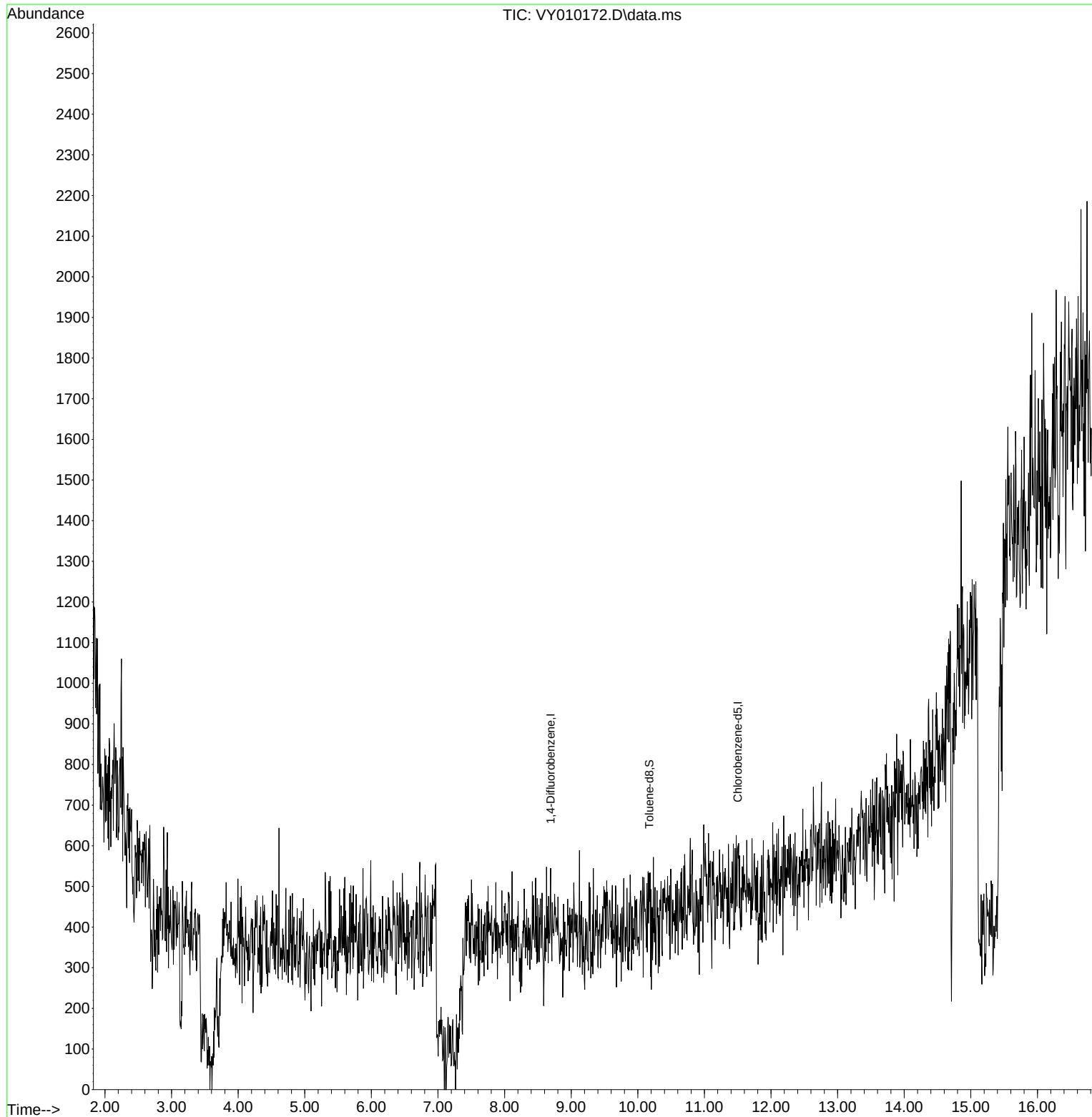
Target Compounds Qvalue

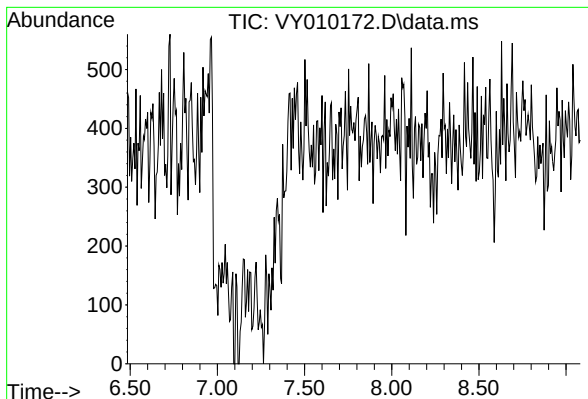
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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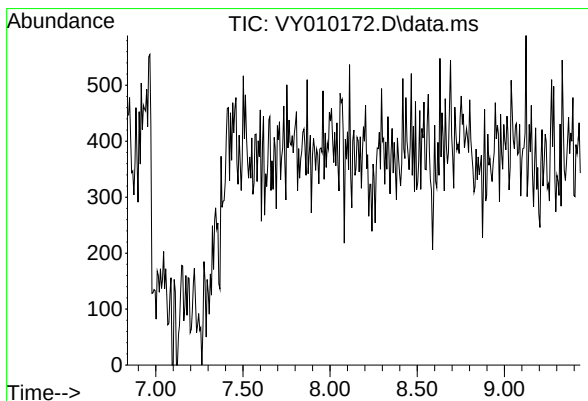
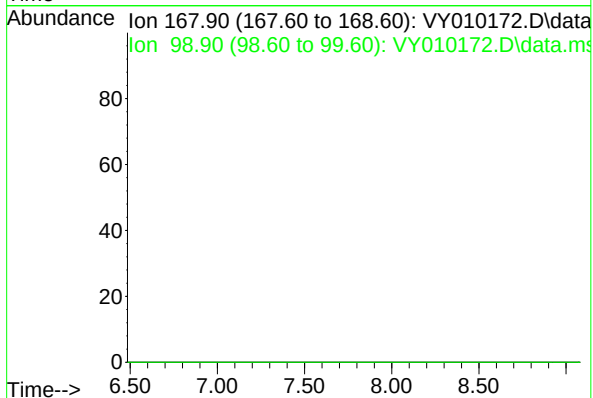


#1
Pentafluorobenzene
Concen: 0.000 ug/l
Expected RT: 7.78 min

Lab File: VY010172.D
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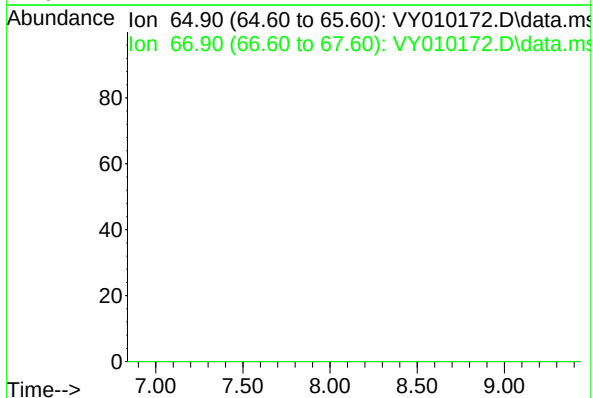
Tgt Ion: 168
Sig Exp Ratio
168 100
99 50.9

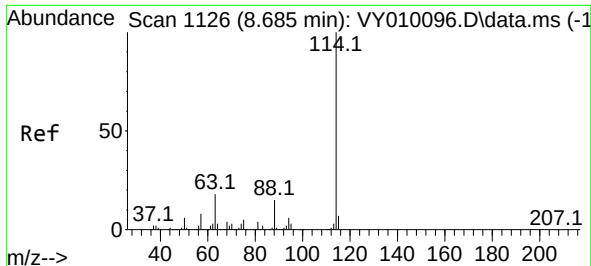


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 8.14 min

Lab File: VY010172.D
Acq: 23 Aug 2022 17:57

Tgt Ion: 65
Sig Exp Ratio
65 100
67 55.3





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY010172.D

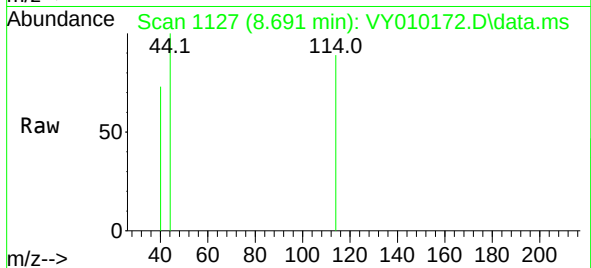
Acq: 23 Aug 2022 17:57

Instrument :

MSVOA_Y

ClientSampleId :

PSC-124035



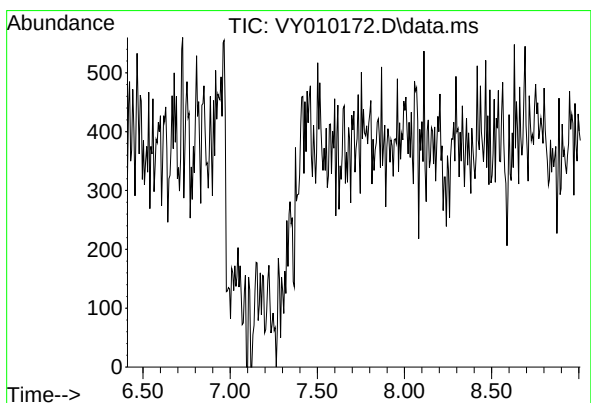
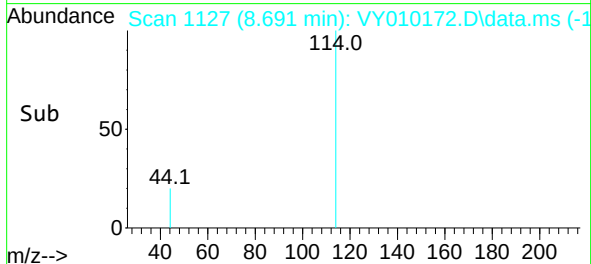
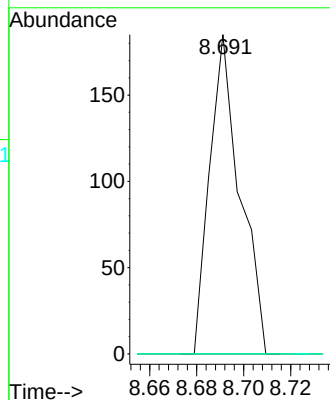
Tgt Ion:114 Resp: 166

Ion Ratio Lower Upper

114 100

63 0.0 0.0 35.6

88 0.0 0.0 29.6



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 7.71 min

Lab File: VY010172.D

Acq: 23 Aug 2022 17:57

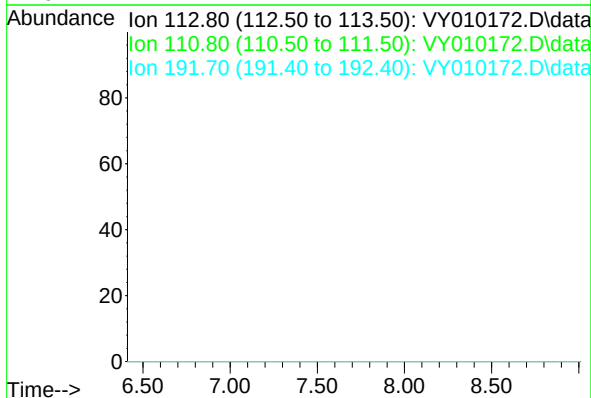
Tgt Ion: 113

Sig Exp Ratio

113 100

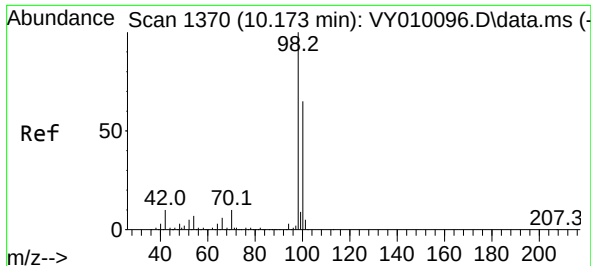
111 103.5

192 20.4



Ion 110.80 (110.50 to 111.50): VY010172.D\data.ms

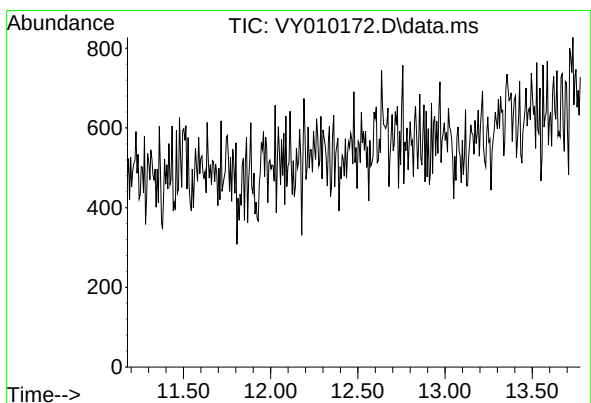
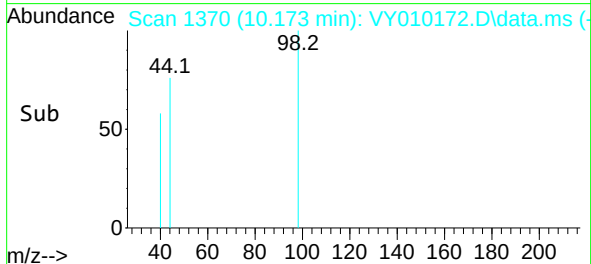
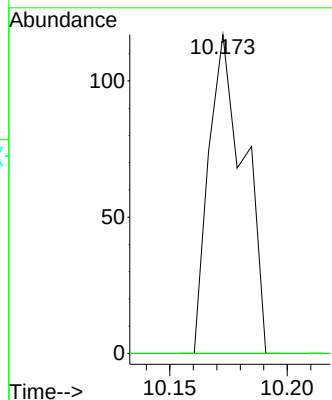
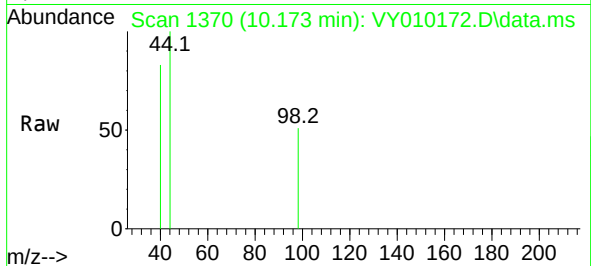
Ion 191.70 (191.40 to 192.40): VY010172.D\data.ms



#50
Toluene-d8
Concen: 35.093 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010172.D
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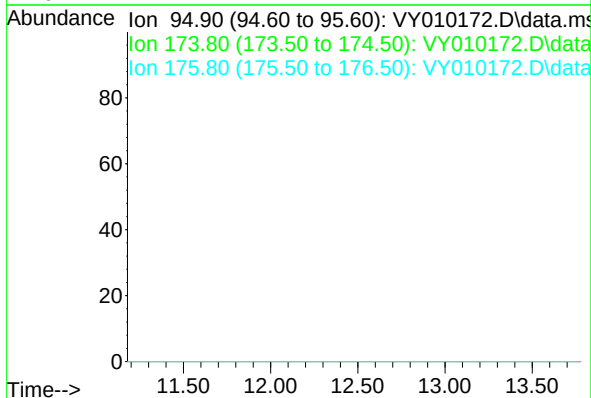
Tgt Ion: 98 Resp: 123
Ion Ratio Lower Upper
98 100
100 0.0 51.9 77.9#

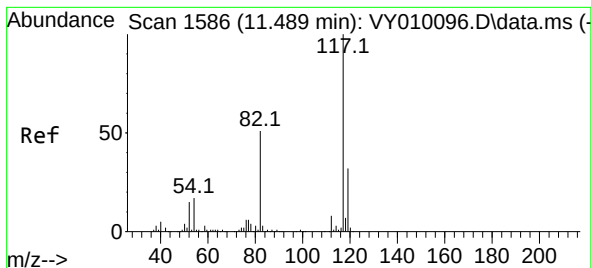


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.48 min

Lab File: VY010172.D
Acq: 23 Aug 2022 17:57

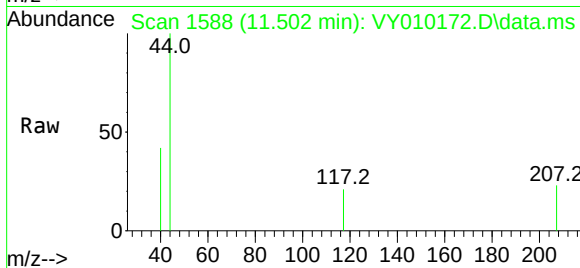
Tgt Ion: 95
Sig Exp Ratio
95 100
174 86.9
176 83.6



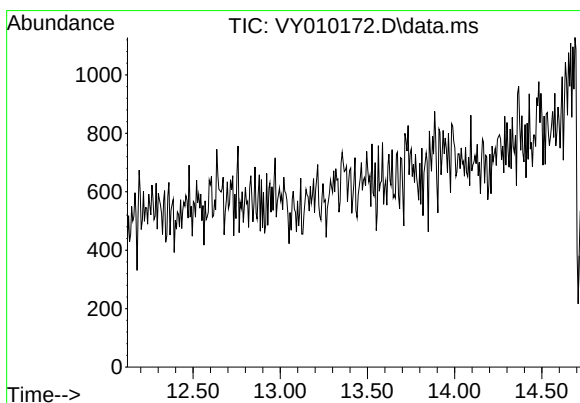
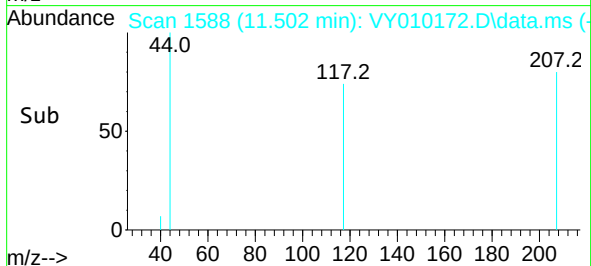
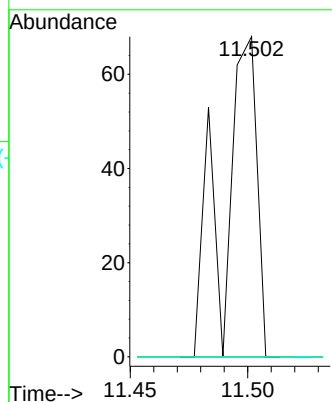


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY010172.D
Acq: 23 Aug 2022 17:57

Instrument :
MSVOA_Y
ClientSampleId :
PSC-124035



Tgt Ion: 117 Resp: 67
Ion Ratio Lower Upper
117 100
82 0.0 40.6 61.0#
119 0.0 25.8 38.8#



#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.42 min

Lab File: VY010172.D
Acq: 23 Aug 2022 17:57

Tgt Ion: 152
Sig Exp Ratio
152 100
115 56.1
150 173.1

