

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042522\
 Data File : VY008485.D
 Acq On : 25 Apr 2022 16:27
 Operator : KP/MD
 Sample : N2548-07
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-9

Quant Time: Apr 26 01:57:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 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	-7.79
34) 1,4-Difluorobenzene	8.691	114	64	50.000	ug/l	0.00
63) Chlorobenzene-d5	0.000	117	0	0.000	ug/l	-11.49
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.43
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	10.185	98	40	25.415	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	50.820%
62) 4-Bromofluorobenzene	12.477	95	26	46.747	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.500%

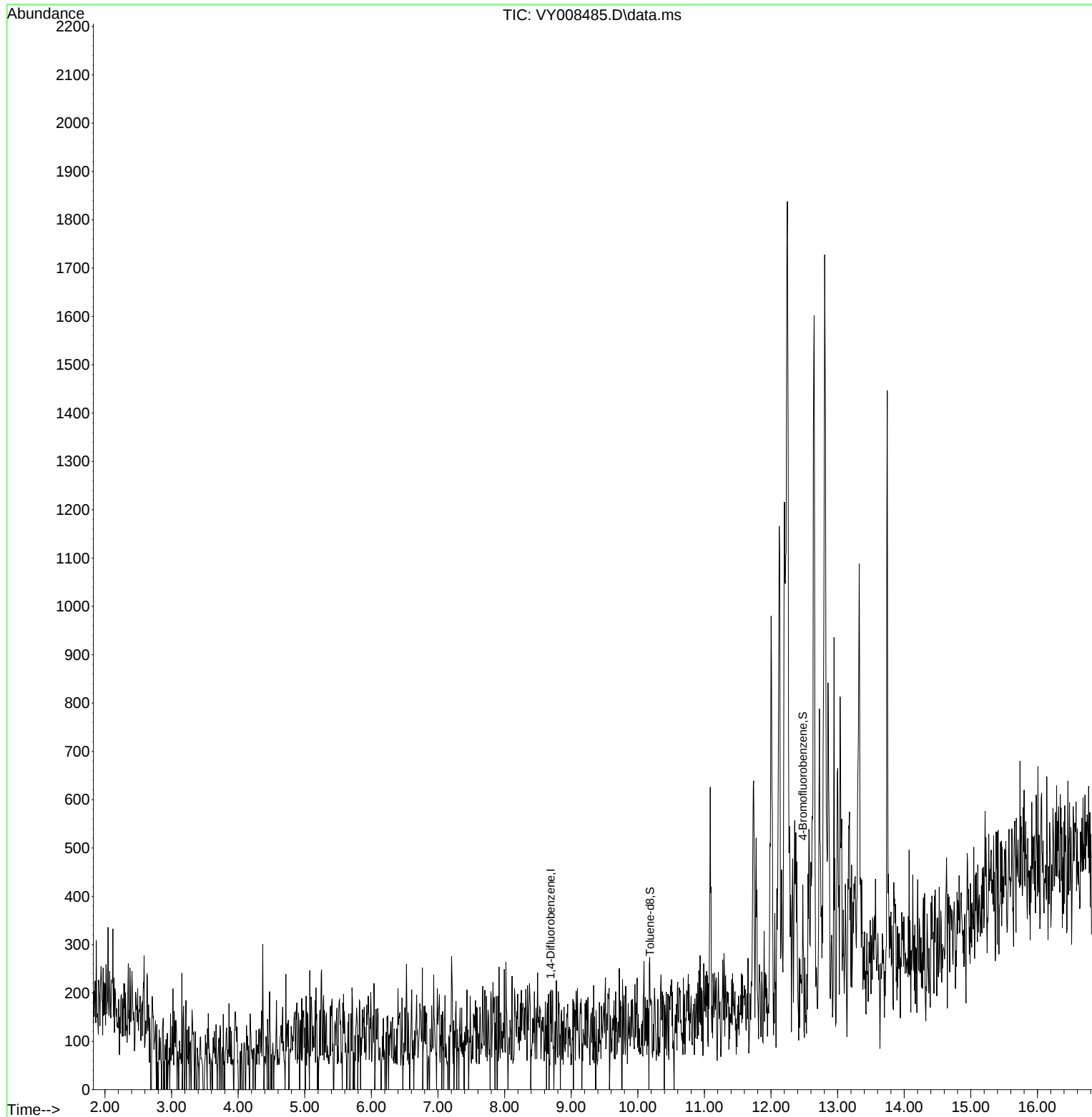
Target Compounds	Qvalue

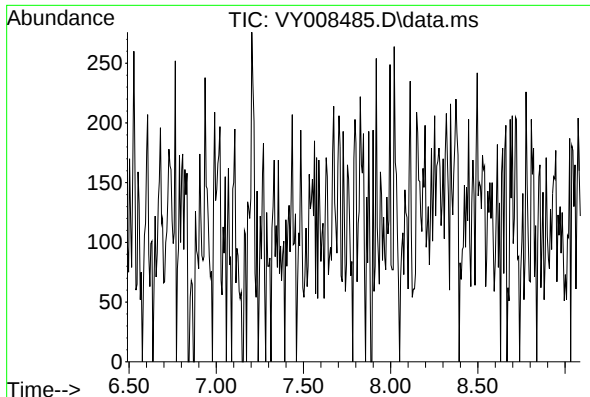
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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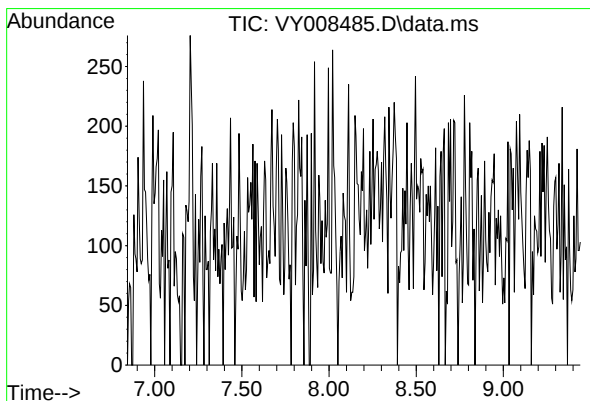
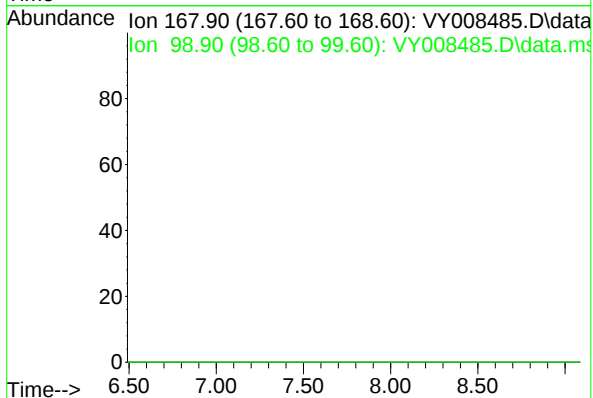


#1
Pentafluorobenzene
Concen: 0.000 ug/l
Expected RT: 7.79 min

Lab File: VY008485.D
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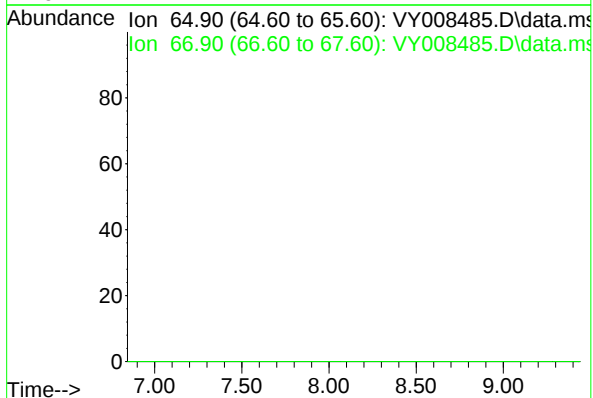
Tgt Ion: 168
Sig Exp Ratio
168 100
99 58.6

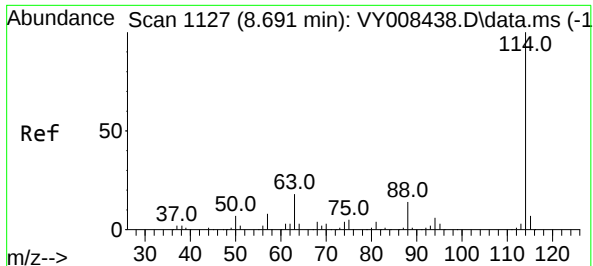


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 8.14 min

Lab File: VY008485.D
Acq: 25 Apr 2022 16:27

Tgt Ion: 65
Sig Exp Ratio
65 100
67 49.7





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY008485.D

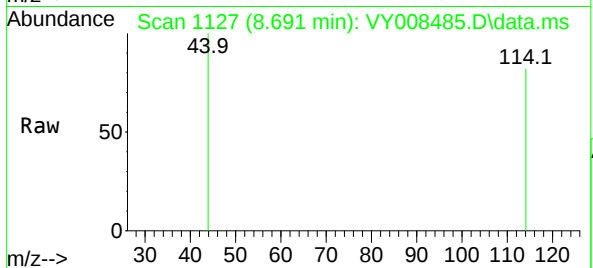
Acq: 25 Apr 2022 16:27

Instrument :

MSVOA_Y

ClientSampleId :

TP-9



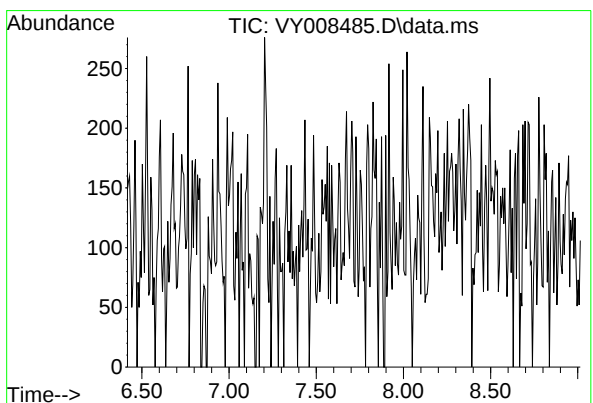
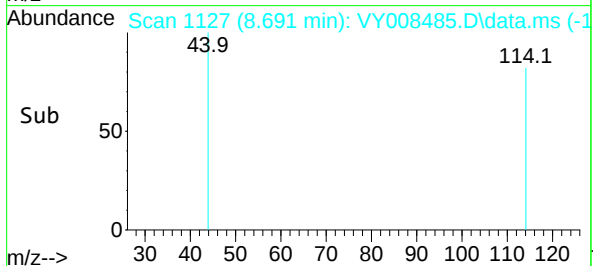
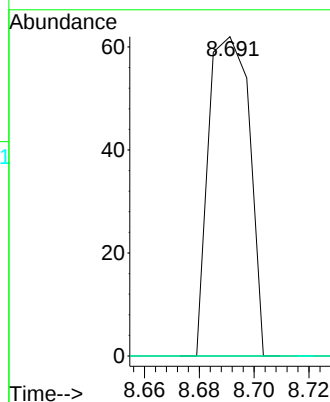
Tgt Ion:114 Resp: 64

Ion Ratio Lower Upper

114 100

63 0.0 0.0 43.2

88 0.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 7.72 min

Lab File: VY008485.D

Acq: 25 Apr 2022 16:27

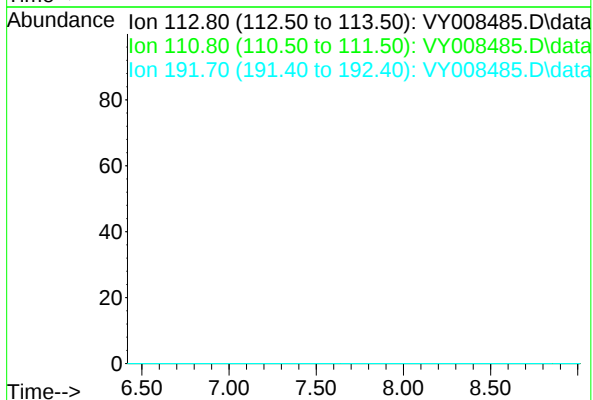
Tgt Ion: 113

Sig Exp Ratio

113 100

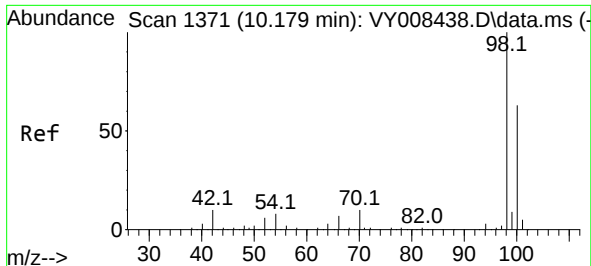
111 103.3

192 22.0



Ion 110.80 (110.50 to 111.50): VY008485.D\data.ms

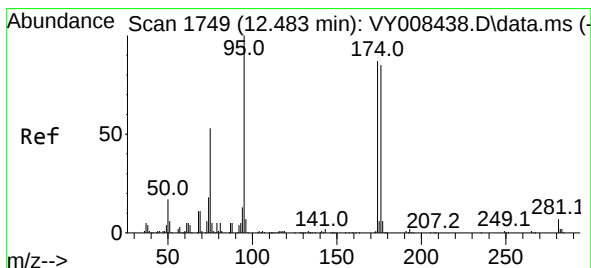
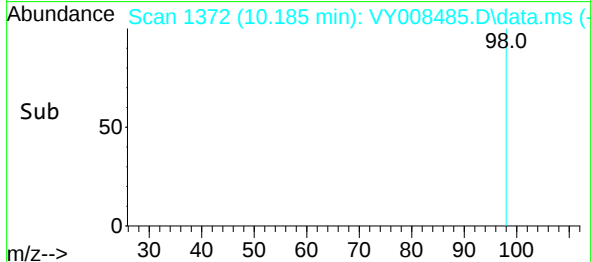
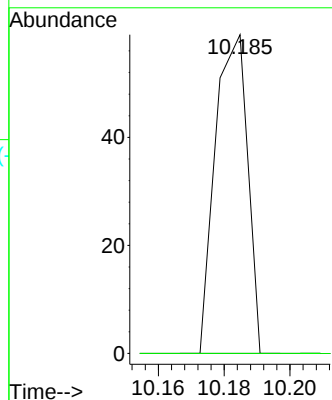
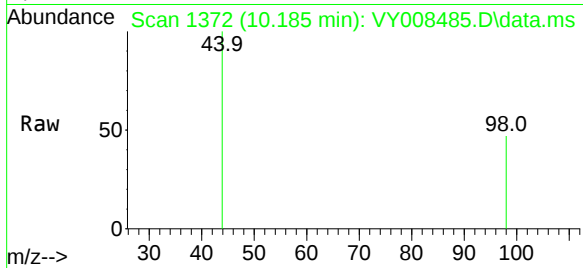
Ion 191.70 (191.40 to 192.40): VY008485.D\data.ms



#50
Toluene-d8
Concen: 25.415 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY008485.D
Acq: 25 Apr 2022 16:27

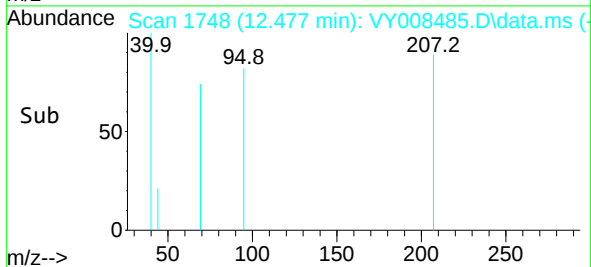
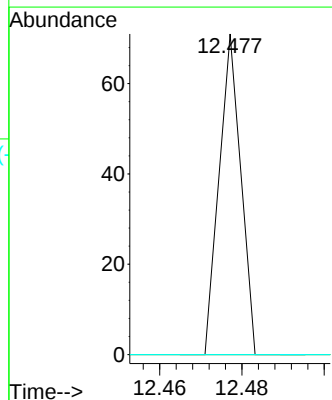
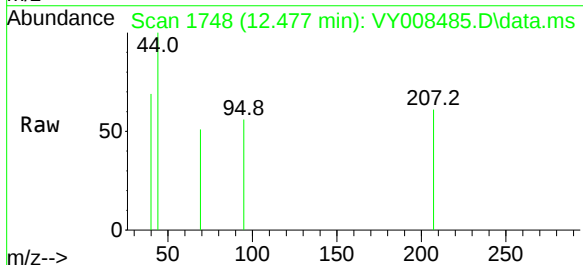
Instrument :
MSVOA_Y
ClientSampleId :
TP-9

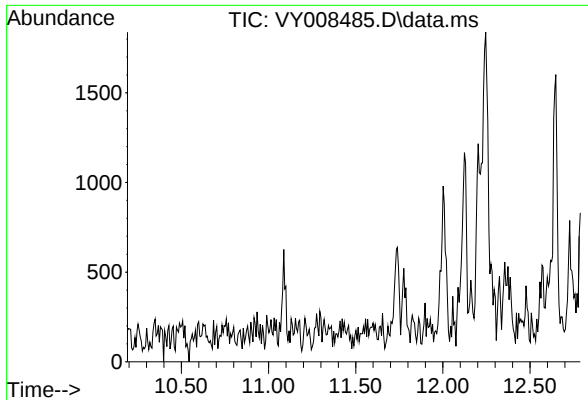
Tgt Ion: 98 Resp: 40
Ion Ratio Lower Upper
98 100
100 0.0 50.2 75.2#



#62
4-Bromofluorobenzene
Concen: 46.747 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008485.D
Acq: 25 Apr 2022 16:27

Tgt Ion: 95 Resp: 26
Ion Ratio Lower Upper
95 100
174 0.0 0.0 177.0
176 0.0 0.0 175.8



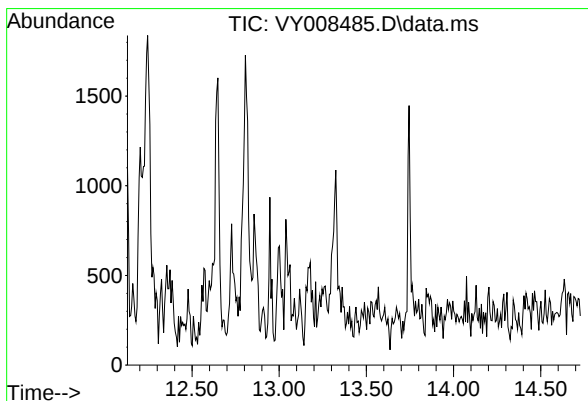
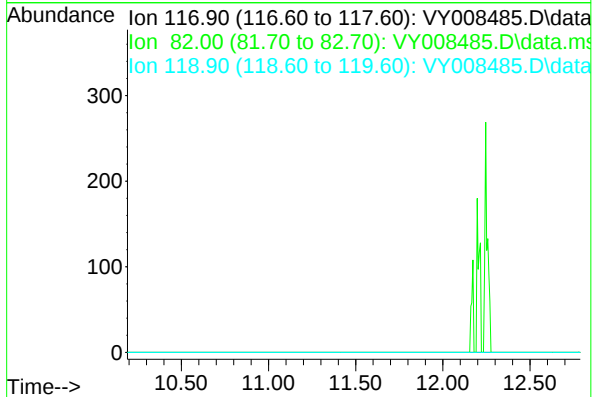


#63
 Chlorobenzene-d5
 Concen: 0.000 ug/l
 Expected RT: 11.49 min
 Lab File: VY008485.D
 Acq: 25 Apr 2022 16:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-9

Tgt Ion: 117

Sig	Exp Ratio
117	100
82	53.7
119	31.7



#72
 1,4-Dichlorobenzene-d4
 Concen: 0.000 ug/l
 Expected RT: 13.43 min
 Lab File: VY008485.D
 Acq: 25 Apr 2022 16:27

Tgt Ion: 152

Sig	Exp Ratio
152	100
115	56.5
150	173.8

