

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY121222\
 Data File : VY011764.D
 Acq On : 12 Dec 2022 12:33
 Operator : KP/MD
 Sample : N5942-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-120722

Quant Time: Dec 12 13:27:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 10 04:19:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	181	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.703	114	343	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.483	117	48	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.43

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	79	65.442	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.880%
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	54 - 147	Recovery	=	0.000%#
50) Toluene-d8	10.179	98	20	-3.039	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	-6.080%#
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	25 - 144	Recovery	=	0.000%#

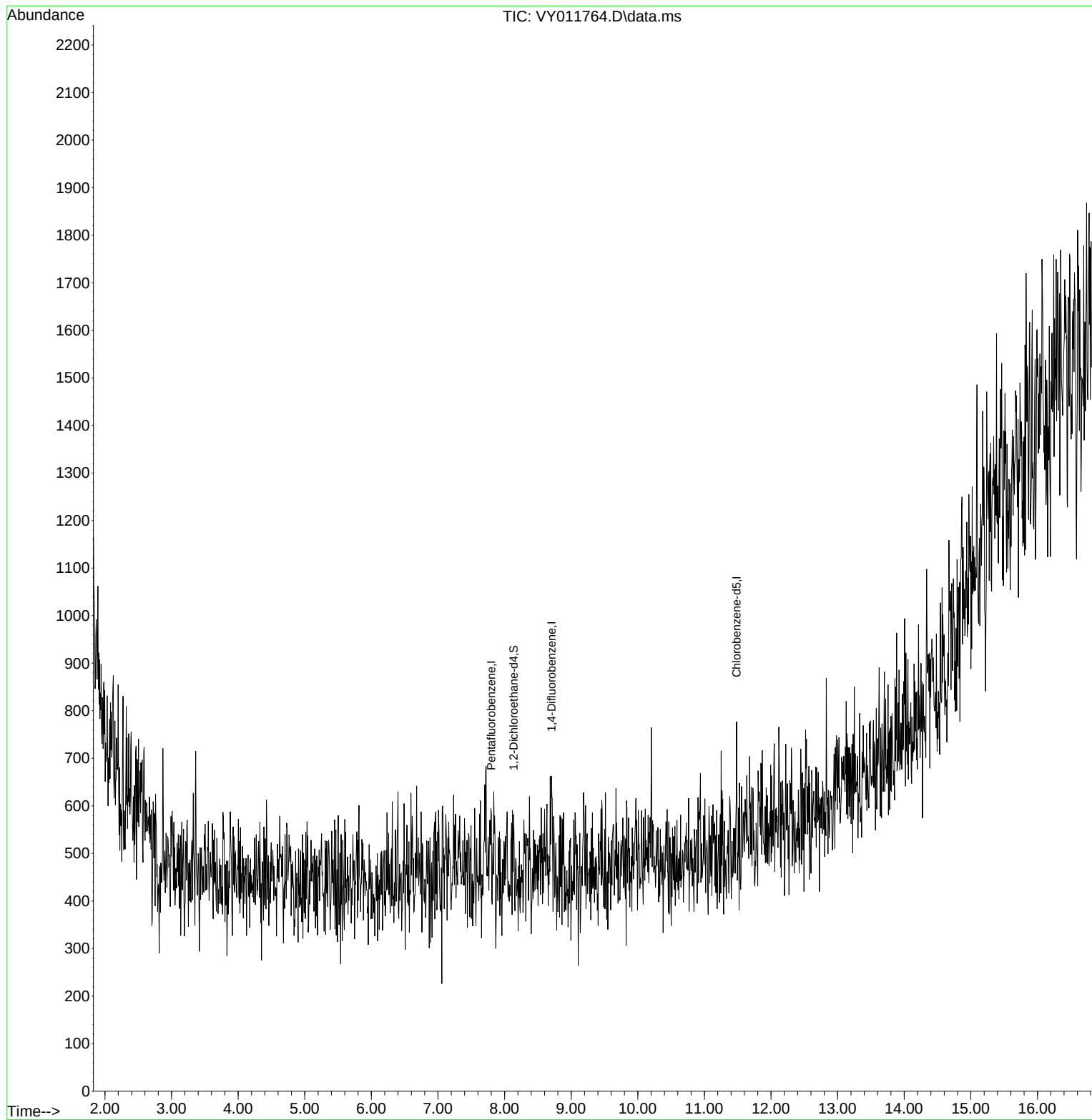
Target Compounds	Qvalue

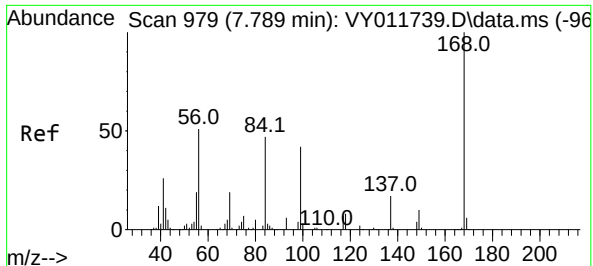
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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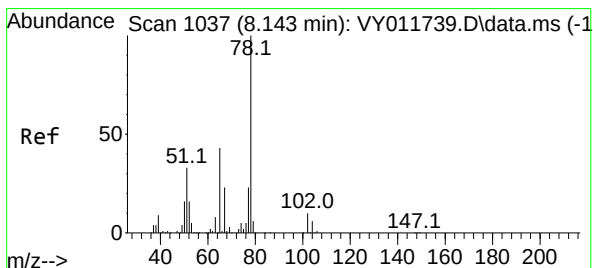
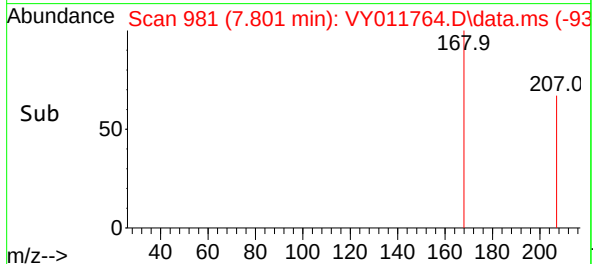
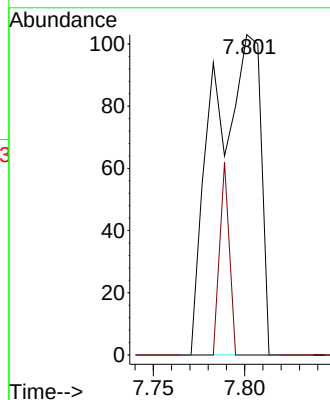
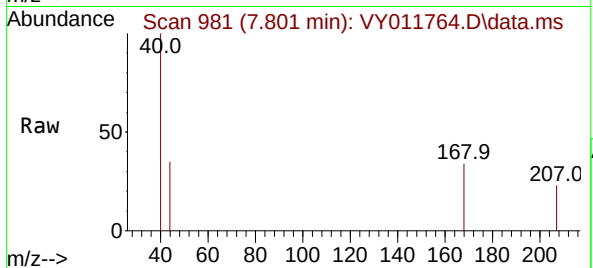




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY011764.D
Acq: 12 Dec 2022 12:33

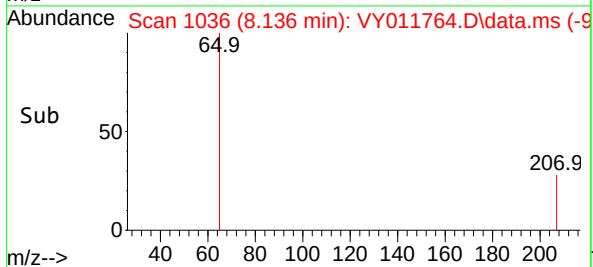
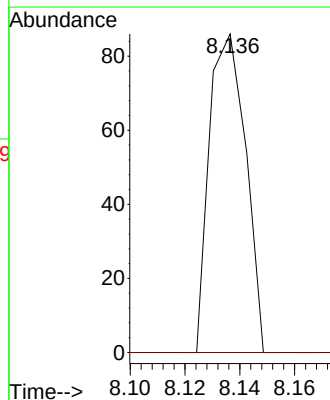
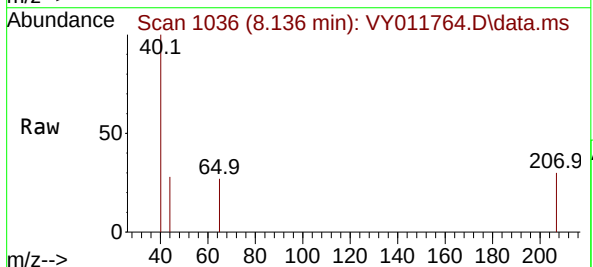
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-120722

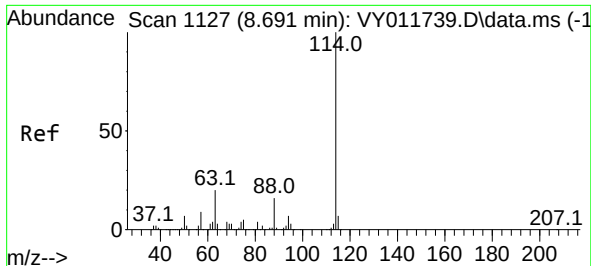
Tgt Ion:168 Resp: 181
Ion Ratio Lower Upper
168 100
99 0.0 44.0 66.0#



#33
1,2-Dichloroethane-d4
Concen: 65.442 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY011764.D
Acq: 12 Dec 2022 12:33

Tgt Ion: 65 Resp: 79
Ion Ratio Lower Upper
65 100
67 0.0 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY011764.D

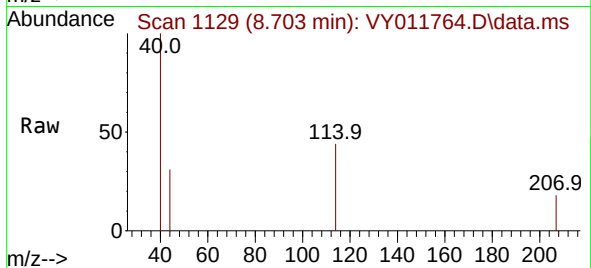
Acq: 12 Dec 2022 12:33

Instrument :

MSVOA_Y

ClientSampleId :

OK-01-120722



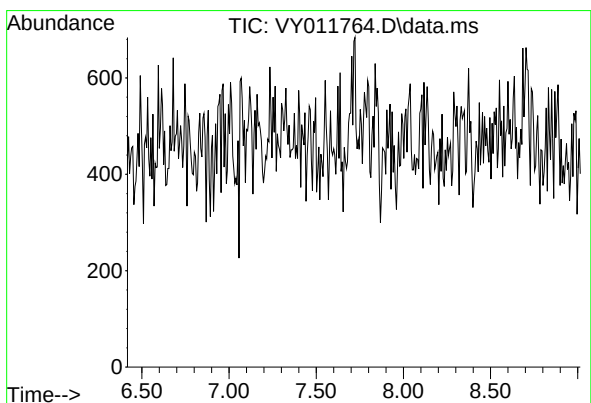
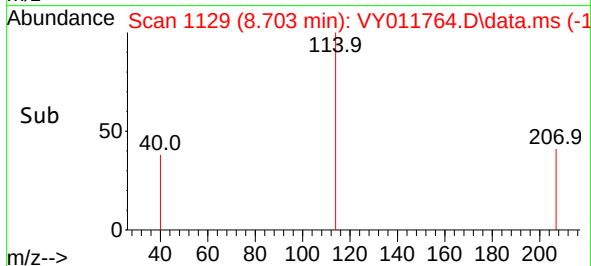
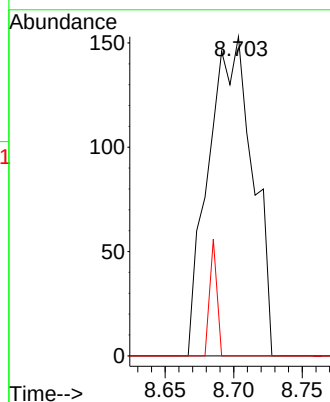
Tgt Ion:114 Resp: 343

Ion Ratio Lower Upper

114 100

63 0.0 0.0 39.6

88 0.0 0.0 32.2



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 7.72 min

Lab File: VY011764.D

Acq: 12 Dec 2022 12:33

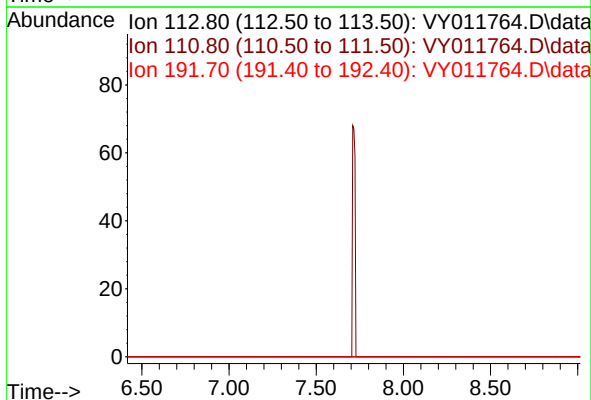
Tgt Ion: 113

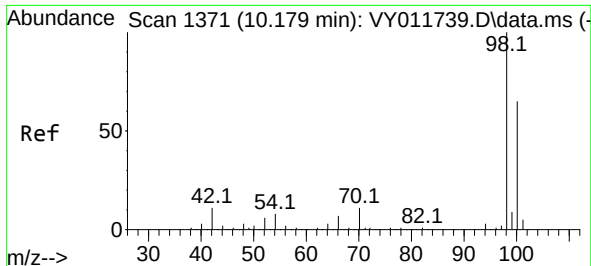
Sig Exp Ratio

113 100

111 103.7

192 20.0

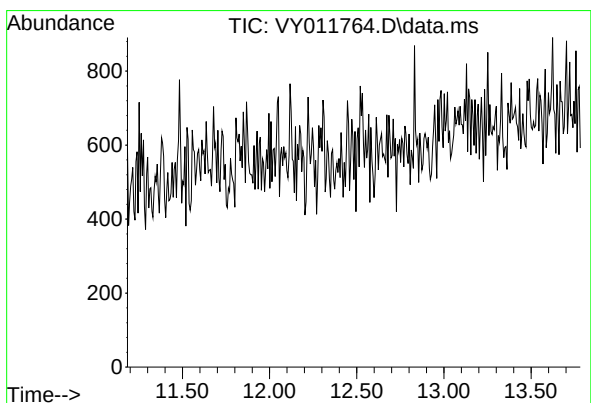
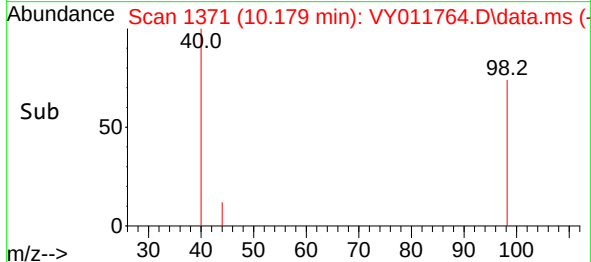
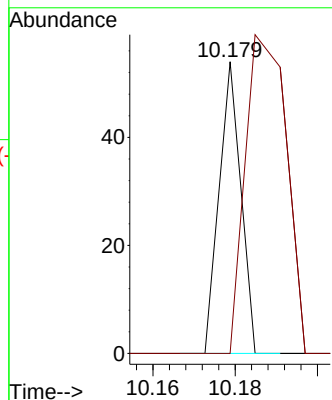
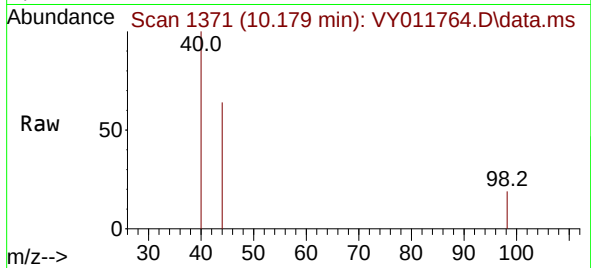




#50
Toluene-d8
Concen: -3.039 ug/l
RT: 10.179 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY011764.D
Acq: 12 Dec 2022 12:33

Instrument :
MSVOA_Y
ClientSampleId :
OK-01-120722

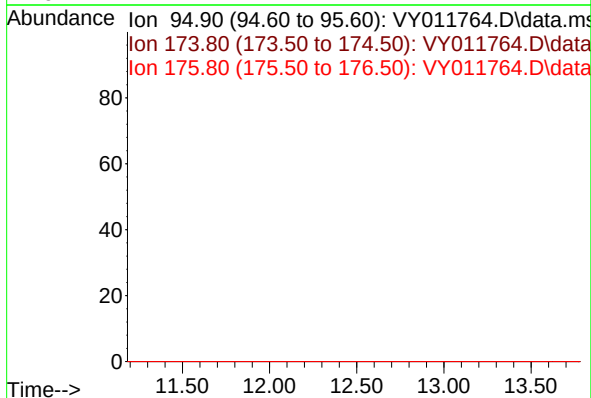
Tgt Ion: 98 Resp: 20
Ion Ratio Lower Upper
98 100
100 205.0 51.9 77.9#

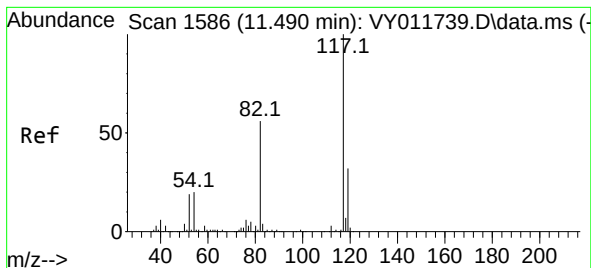


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.48 min

Lab File: VY011764.D
Acq: 12 Dec 2022 12:33

Tgt Ion: 95
Sig Exp Ratio
95 100
174 86.0
176 83.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY011764.D

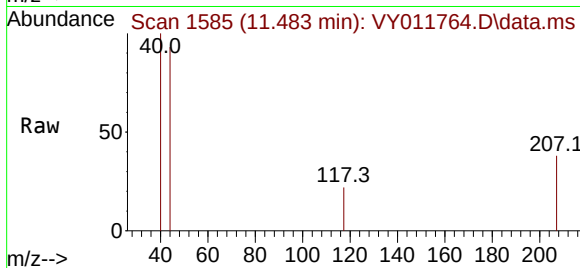
Acq: 12 Dec 2022 12:33

Instrument :

MSVOA_Y

ClientSampleId :

OK-01-120722



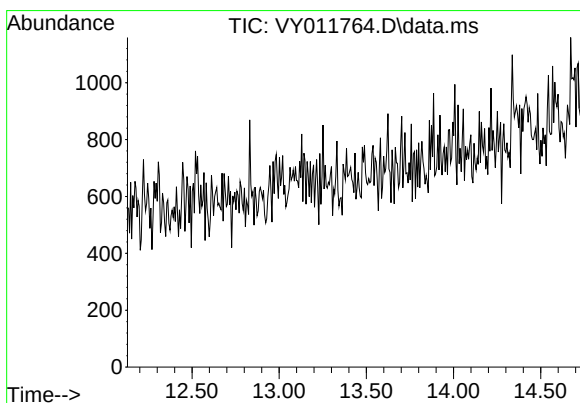
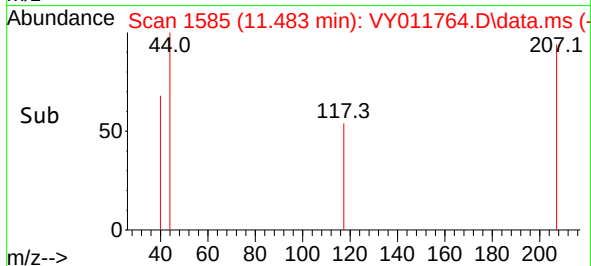
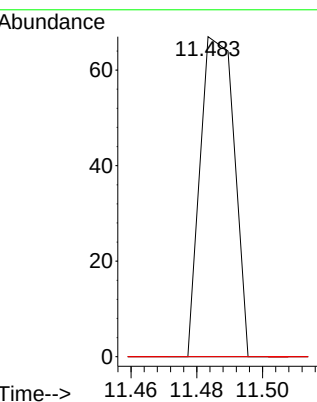
Tgt Ion:117 Resp: 48

Ion Ratio Lower Upper

117 100

82 0.0 44.8 67.2#

119 0.0 25.4 38.2#



#72

1,4-Dichlorobenzene-d4

Concen: 0.000 ug/l

Expected RT: 13.43 min

Lab File: VY011764.D

Acq: 12 Dec 2022 12:33

Tgt Ion: 152

Sig Exp Ratio

152 100

115 58.2

150 171.3

