

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120624\
 Data File : VY020533.D
 Acq On : 06 Dec 2024 13:57
 Operator : SY/MD
 Sample : P5098-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-04-12042024

Quant Time: Dec 07 03:25:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.720	168	84	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.628	114	99	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	46	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.35
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.079	65	67	78.427	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 156.860%	
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	54 - 147	Recovery	= 0.000%#	
50) Toluene-d8	10.109	98	49	20.647	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 41.300%#	
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	29 - 146	Recovery	= 0.000%#	

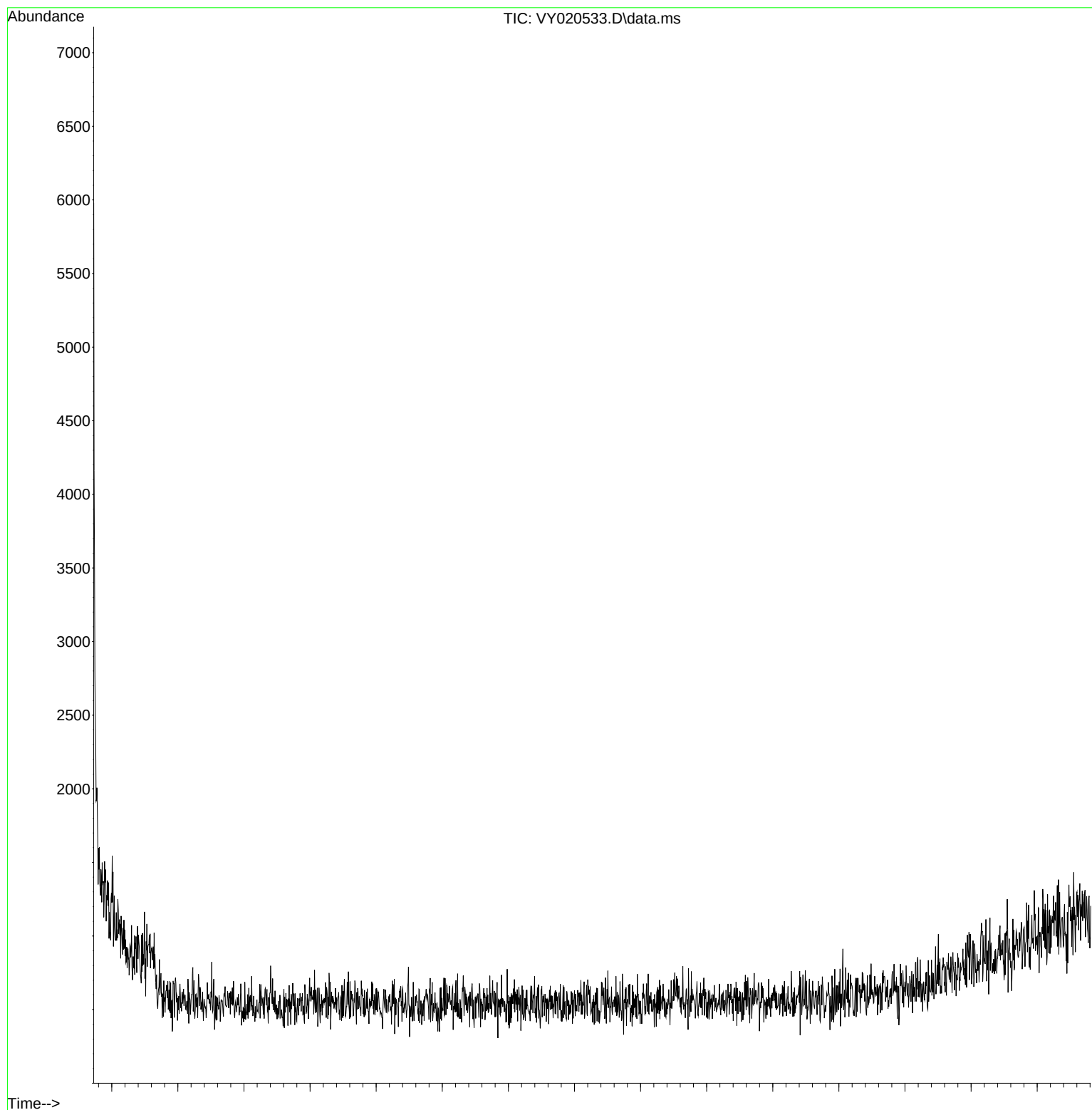
Target Compounds Qvalue

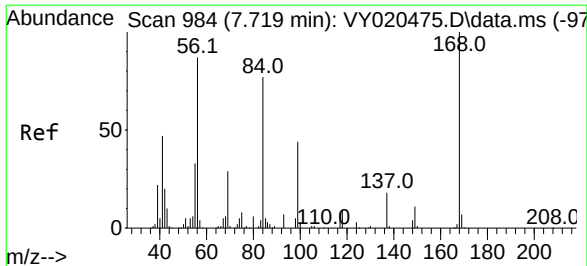
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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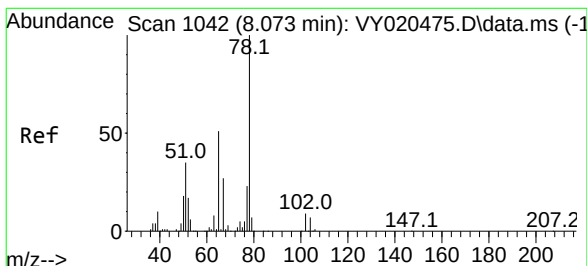
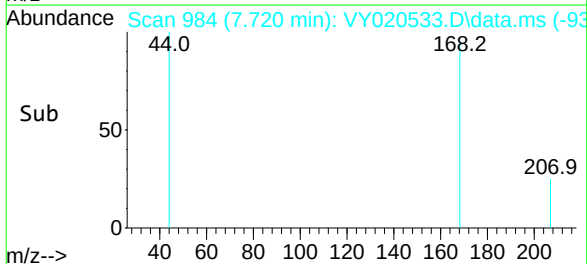
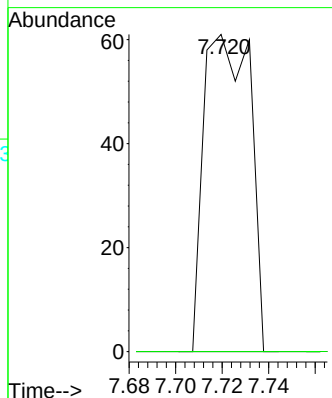
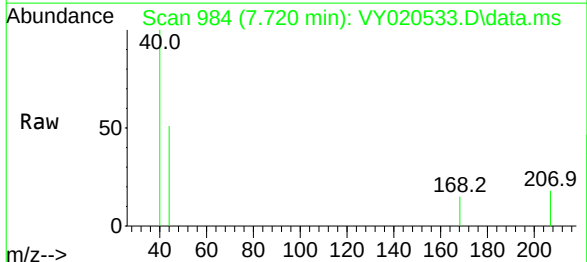




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 98
Delta R.T. 0.001 min
Lab File: VY020533.D
Acq: 06 Dec 2024 13:57

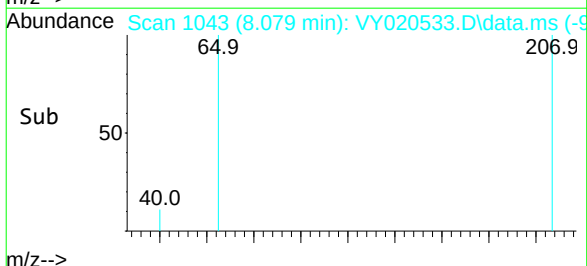
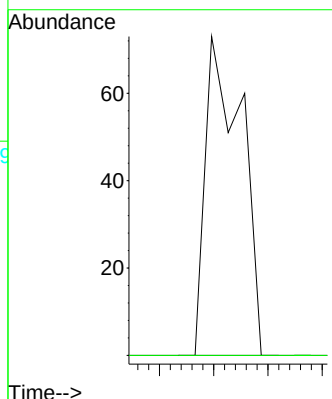
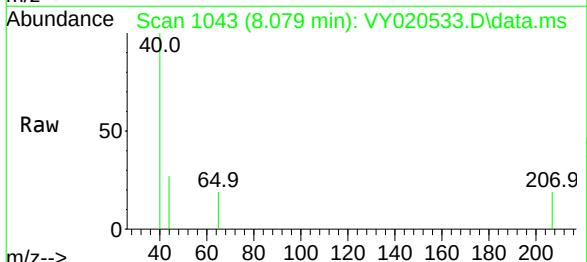
Instrument :
MSVOA_Y
ClientSampleId :
TR-04-12042024

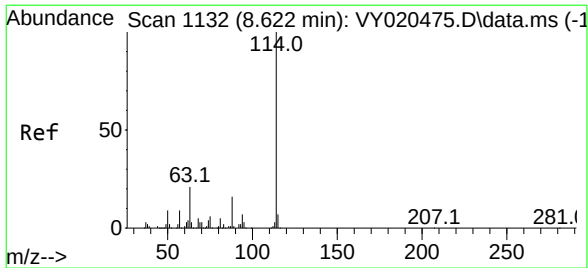
Tgt Ion:168 Resp: 84
Ion Ratio Lower Upper
168 100
99 0.0 46.6 69.8#



#33
1,2-Dichloroethane-d4
Concen: 78.427 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.006 min
Lab File: VY020533.D
Acq: 06 Dec 2024 13:57

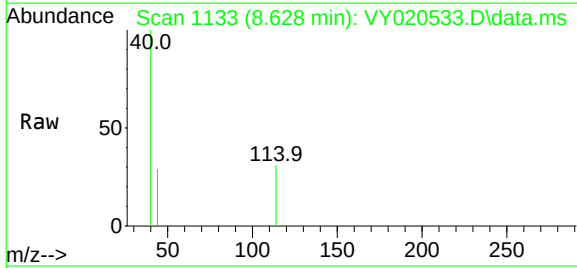
Tgt Ion: 65 Resp: 67
Ion Ratio Lower Upper
65 100
67 0.0 0.0 105.8



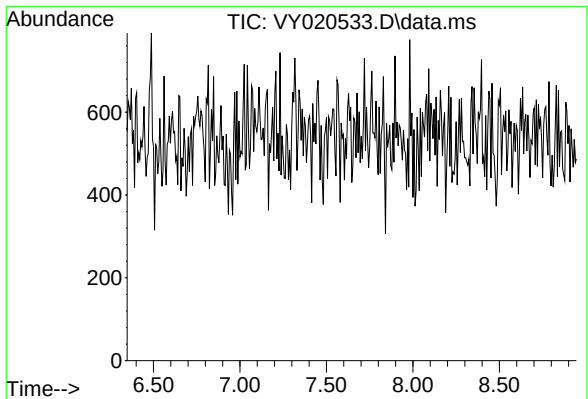
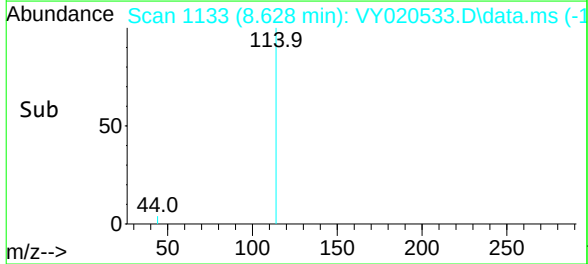
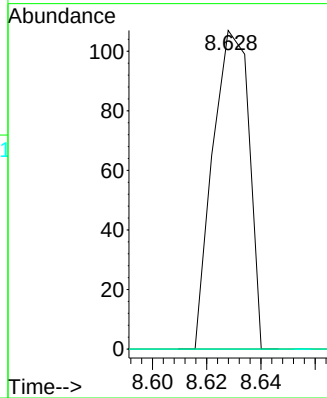


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.628 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY020533.D
Acq: 06 Dec 2024 13:57

Instrument :
MSVOA_Y
ClientSampleId :
TR-04-12042024



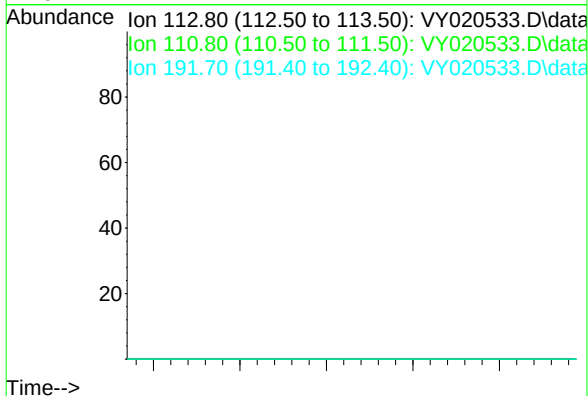
Tgt Ion:114 Resp: 99
Ion Ratio Lower Upper
114 100
63 0.0 0.0 44.8
88 0.0 0.0 32.0

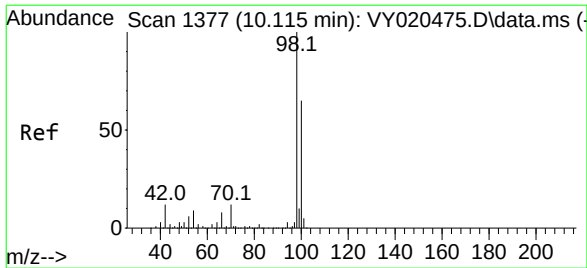


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 7.65 min

Lab File: VY020533.D
Acq: 06 Dec 2024 13:57

Tgt Ion: 113
Sig Exp Ratio
113 100
111 101.7
192 18.9





#50

Toluene-d8

Concen: 20.647 ug/l

RT: 10.109 min Scan# 13

Delta R.T. -0.006 min

Lab File: VY020533.D

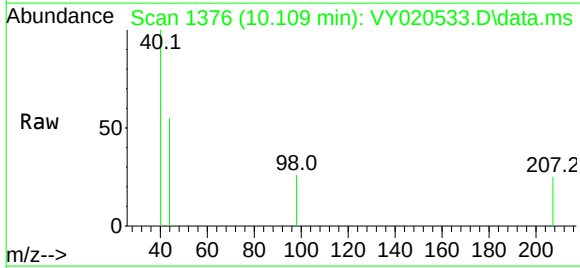
Acq: 06 Dec 2024 13:57

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-12042024

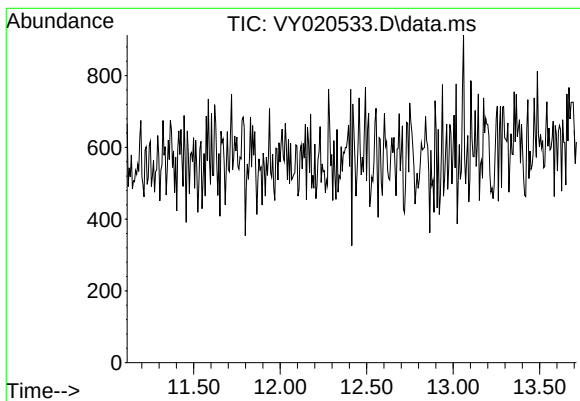
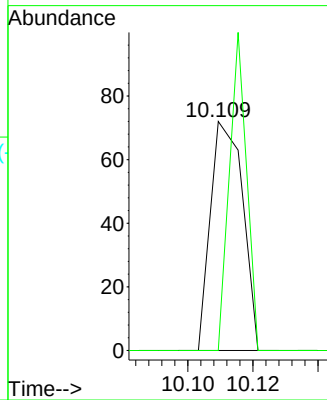
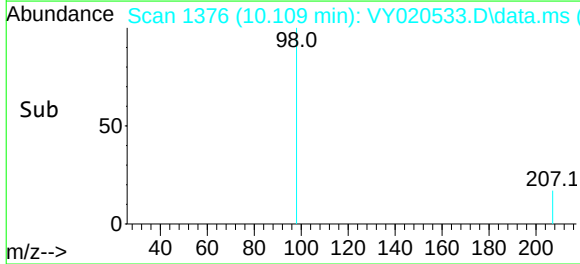


Tgt Ion: 98 Resp: 49

Ion Ratio Lower Upper

98 100

100 75.5 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.41 min

Lab File: VY020533.D

Acq: 06 Dec 2024 13:57

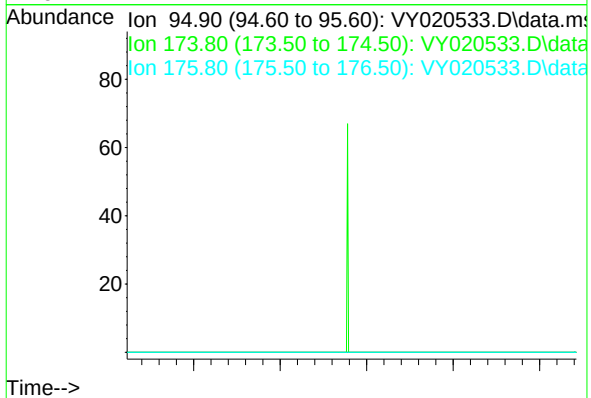
Tgt Ion: 95

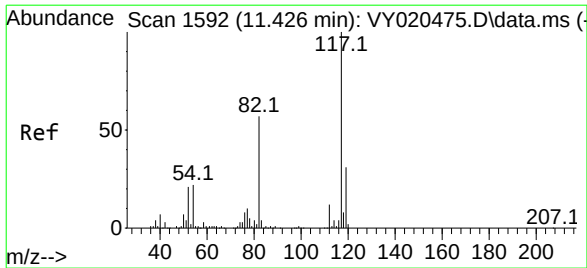
Sig Exp Ratio

95 100

174 78.4

176 76.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 15

Delta R.T. 0.000 min

Lab File: VY020533.D

Acq: 06 Dec 2024 13:57

Instrument :

MSVOA_Y

ClientSampleId :

TR-04-12042024

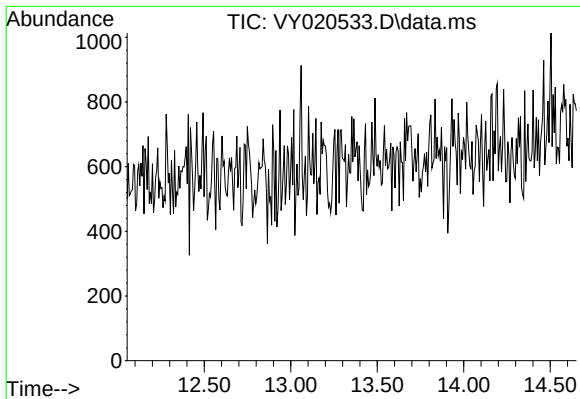
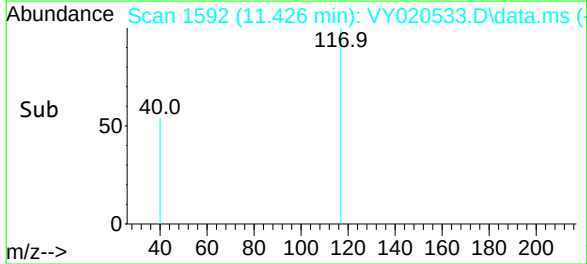
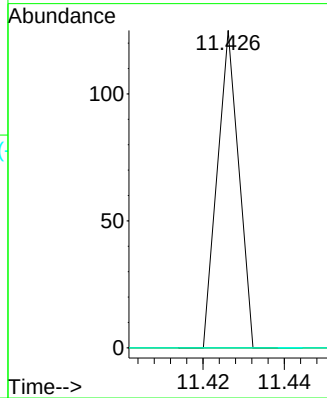
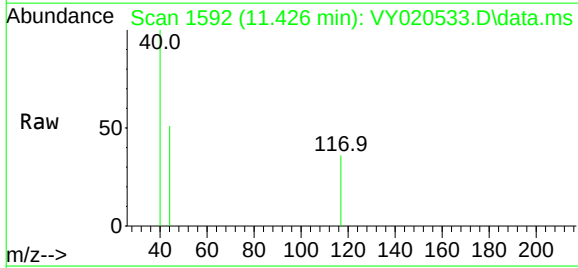
Tgt Ion:117 Resp: 46

Ion Ratio Lower Upper

117 100

82 0.0 48.2 72.4#

119 0.0 25.8 38.8#



#72

1,4-Dichlorobenzene-d4

Concen: 0.000 ug/l

Expected RT: 13.35 min

Lab File: VY020533.D

Acq: 06 Dec 2024 13:57

Tgt Ion: 152

Sig Exp Ratio

152 100

115 60.0

150 174.1

