

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122724\
 Data File : VY020739.D
 Acq On : 27 Dec 2024 15:10
 Operator : SY/MD
 Sample : P5387-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-122624

Quant Time: Dec 28 03:03:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.738	168	71	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.616	114	214	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	120	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	8.067	65	125	214.941	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	429.880%#
35) Dibromofluoromethane	7.640	113	67	56.840	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.680%
50) Toluene-d8	10.109	98	119	26.236	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	52.480%#
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	29 - 146	Recovery	=	0.000%#

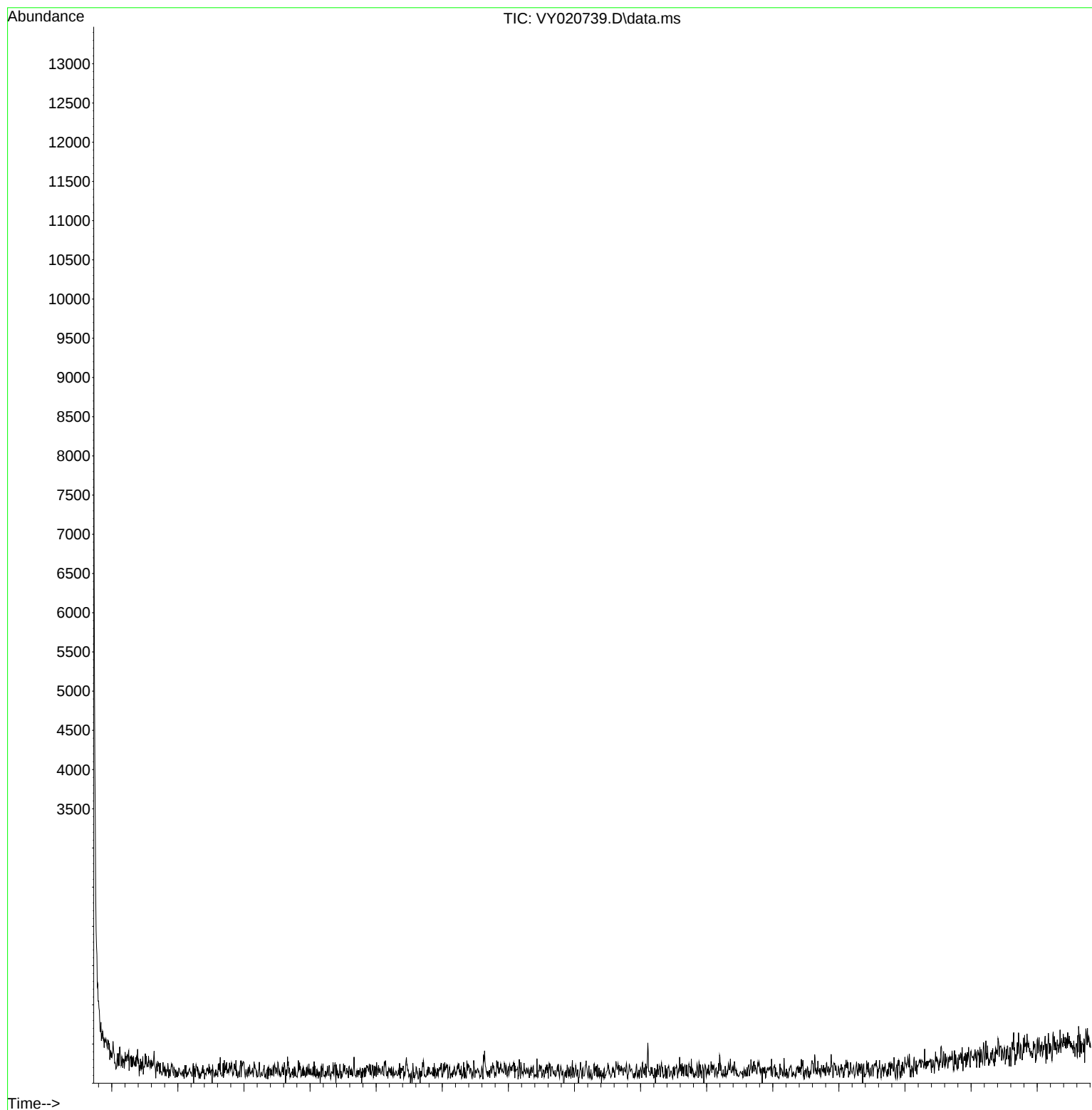
Target Compounds Qvalue

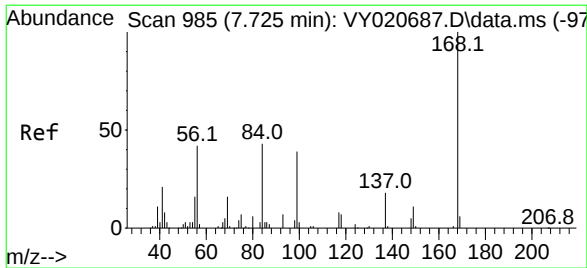
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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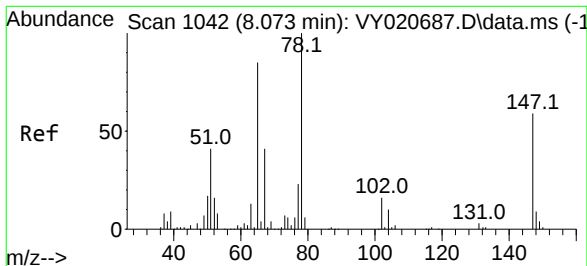
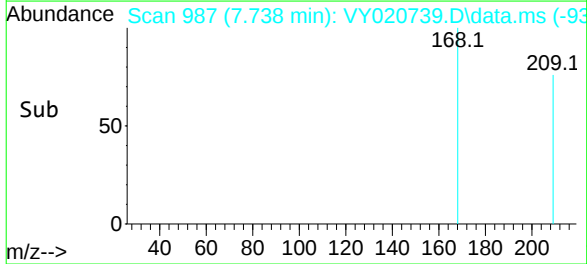
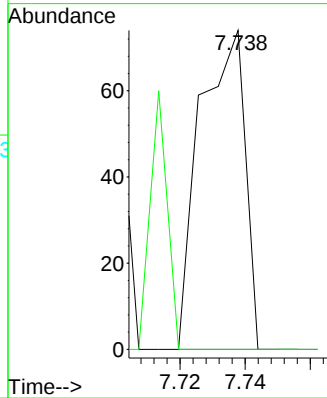
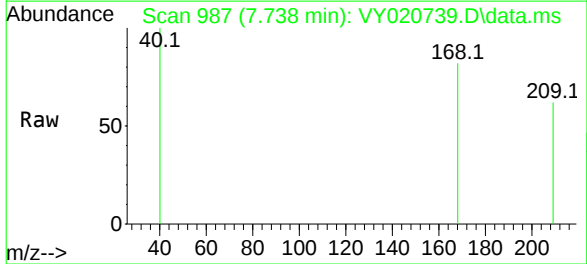




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.738 min Scan# 98
Delta R.T. 0.013 min
Lab File: VY020739.D
Acq: 27 Dec 2024 15:10

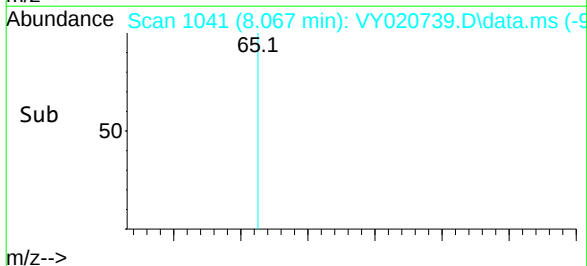
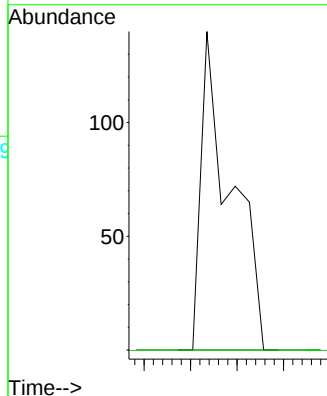
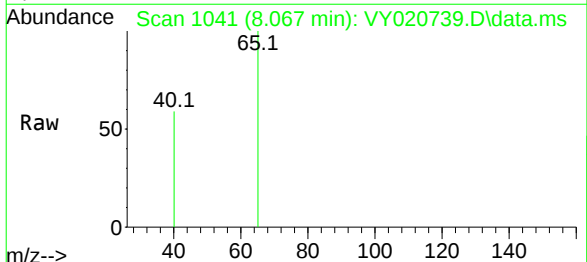
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-122624

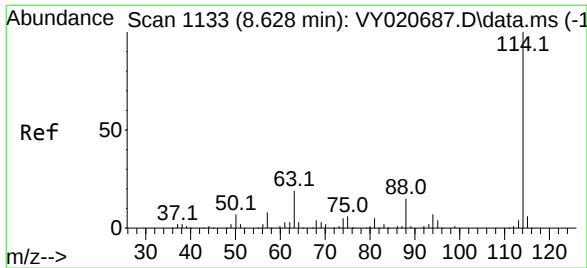
Tgt Ion:168 Resp: 71
Ion Ratio Lower Upper
168 100
99 0.0 43.8 65.6#



#33
1,2-Dichloroethane-d4
Concen: 214.941 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY020739.D
Acq: 27 Dec 2024 15:10

Tgt Ion: 65 Resp: 125
Ion Ratio Lower Upper
65 100
67 0.0 0.0 98.0

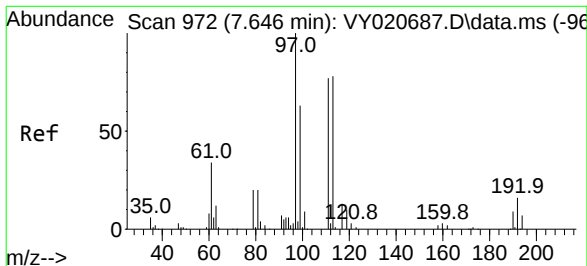
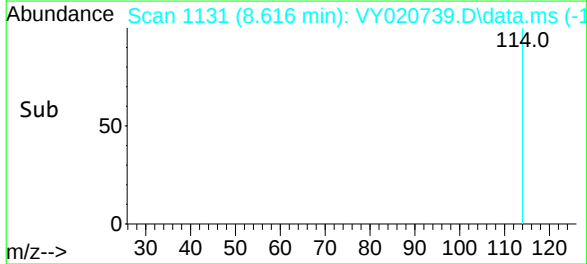
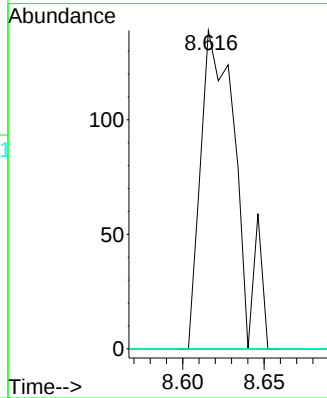
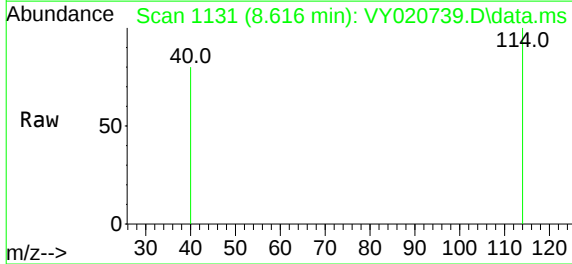




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY020739.D
Acq: 27 Dec 2024 15:10

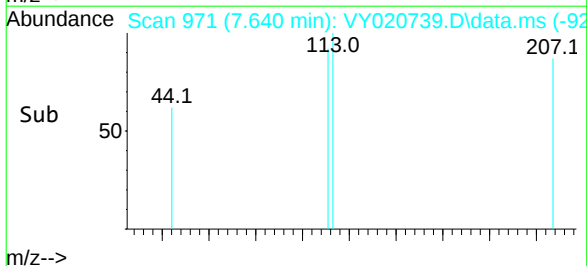
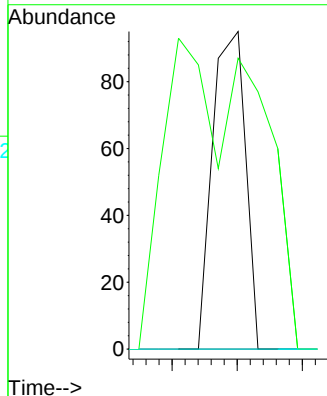
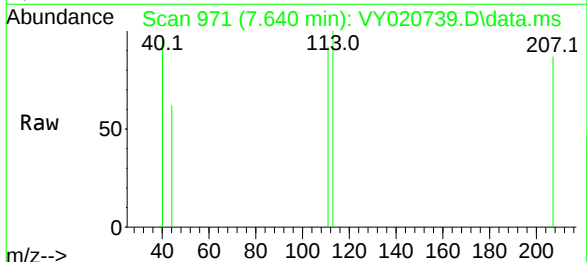
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-122624

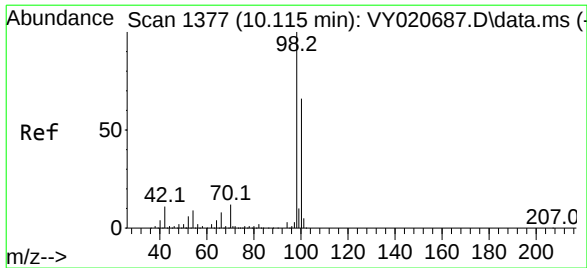
Tgt Ion:	114	Resp:	214
Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	38.4
88	0.0	0.0	30.4



#35
Dibromofluoromethane
Concen: 56.840 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.006 min
Lab File: VY020739.D
Acq: 27 Dec 2024 15:10

Tgt Ion:	113	Resp:	67
Ion	Ratio	Lower	Upper
113	100		
111	155.2	79.8	119.8#
192	0.0	17.0	25.6#





#50

Toluene-d8

Concen: 26.236 ug/l

RT: 10.109 min Scan# 13

Delta R.T. -0.006 min

Lab File: VY020739.D

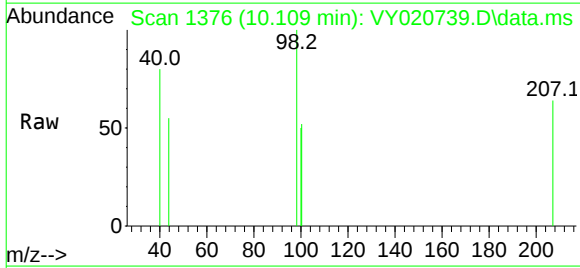
Acq: 27 Dec 2024 15:10

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-122624

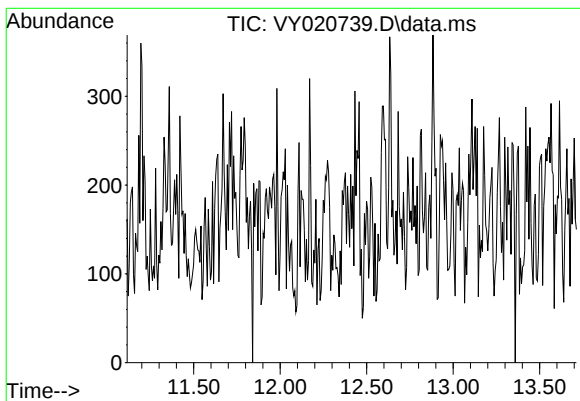
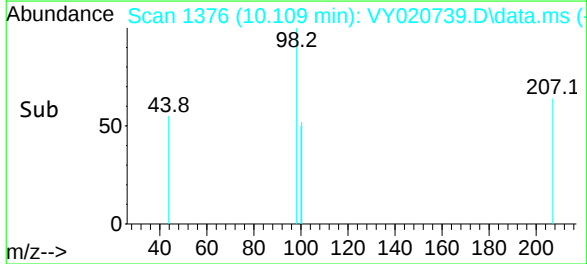
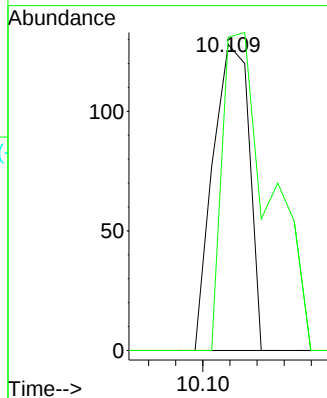


Tgt Ion: 98 Resp: 119

Ion Ratio Lower Upper

98 100

100 136.1 52.2 78.4#



#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.41 min

Lab File: VY020739.D

Acq: 27 Dec 2024 15:10

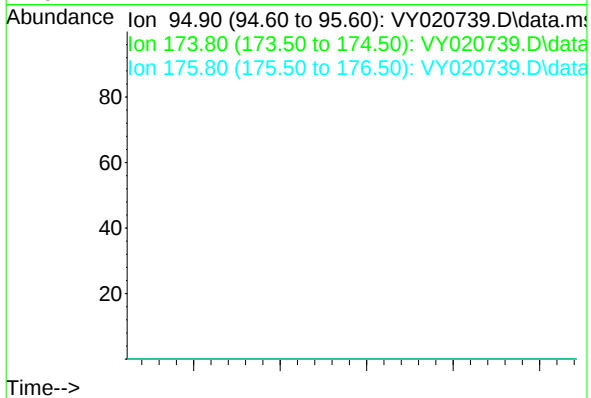
Tgt Ion: 95

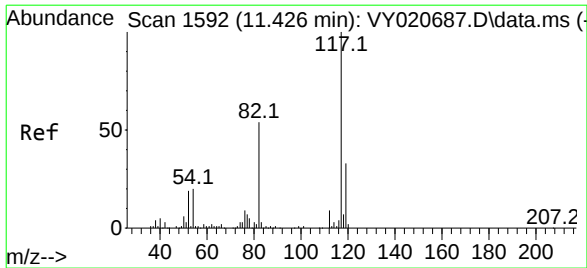
Sig Exp Ratio

95 100

174 89.6

176 89.9





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 15

Delta R.T. -0.006 min

Lab File: VY020739.D

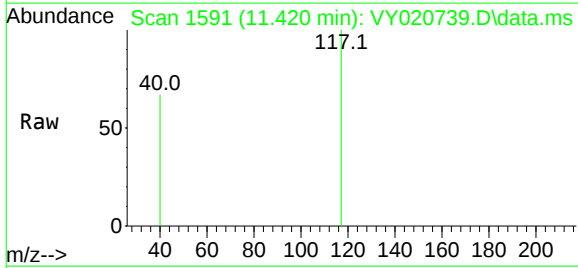
Acq: 27 Dec 2024 15:10

Instrument :

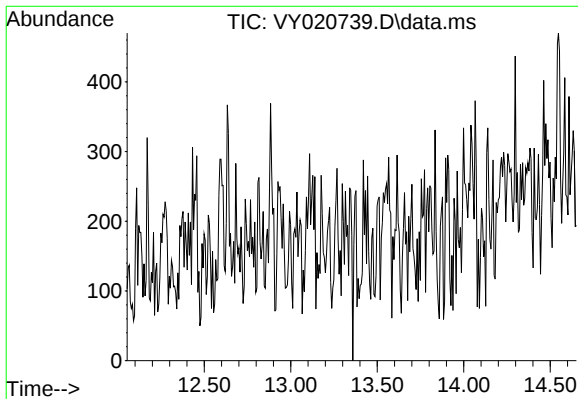
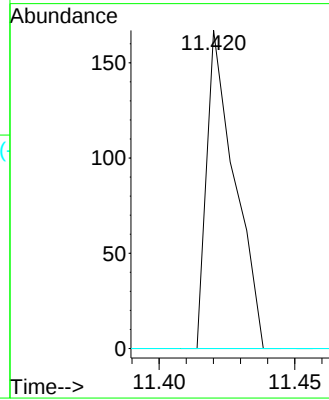
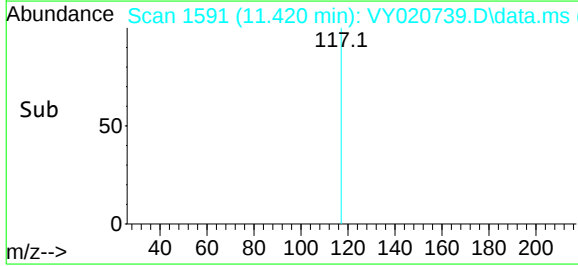
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Tgt Ion:	117	Resp:	120
Ion	Ratio	Lower	Upper
117	100		
82	0.0	43.4	65.2#
119	0.0	26.6	39.8#



#72

1,4-Dichlorobenzene-d4

Concen: 0.000 ug/l

Expected RT: 13.35 min

Lab File: VY020739.D

Acq: 27 Dec 2024 15:10

Tgt Ion:	152
Sig	Exp Ratio
152	100
115	60.6
150	174.5

