

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122324\
 Data File : VY020697.D
 Acq On : 23 Dec 2024 17:27
 Operator : SY/MD
 Sample : P5339-01RE
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-12182024RE

Quant Time: Dec 25 01:13:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 25 00:58:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.720	168	243	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	378	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.426	117	143	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	179	83.174	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	166.340%#
35) Dibromofluoromethane	7.652	113	68	30.637	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	61.280%
50) Toluene-d8	10.115	98	321	39.819	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.640%
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	29 - 146	Recovery	=	0.000%#

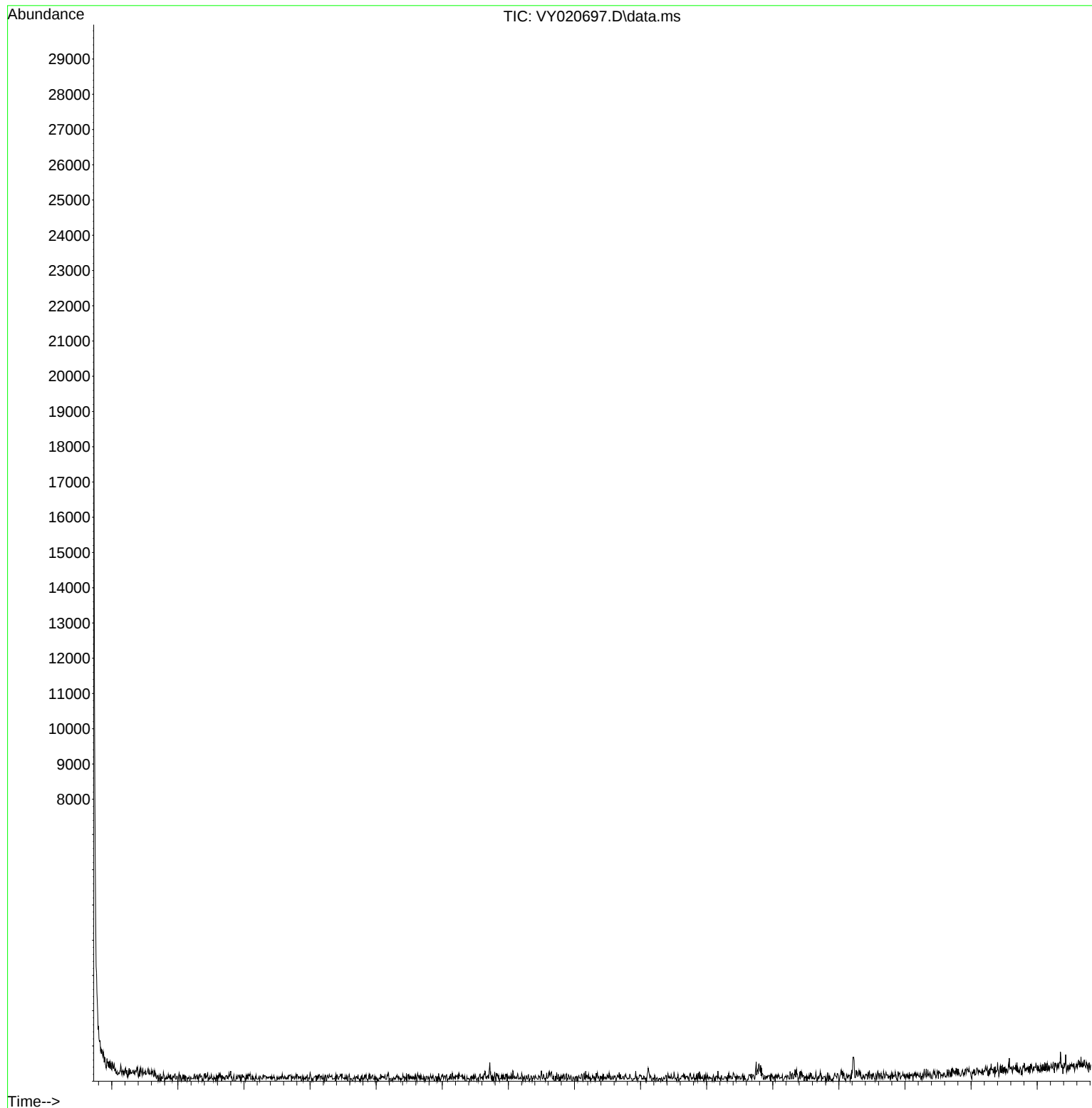
Target Compounds Qvalue

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

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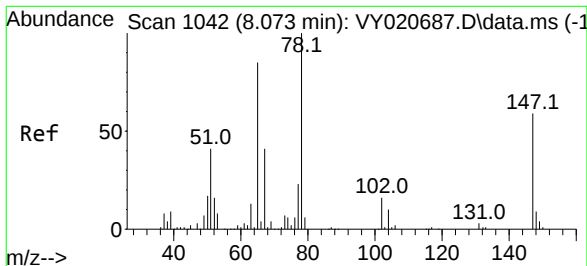
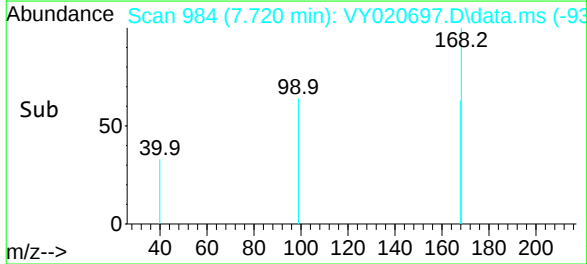
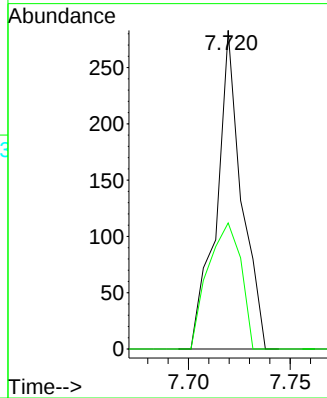
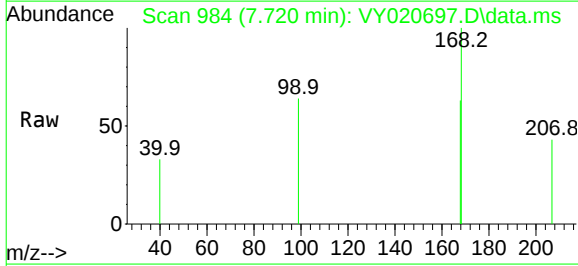




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.720 min Scan# 98
Delta R.T. -0.005 min
Lab File: VY020697.D
Acq: 23 Dec 2024 17:27

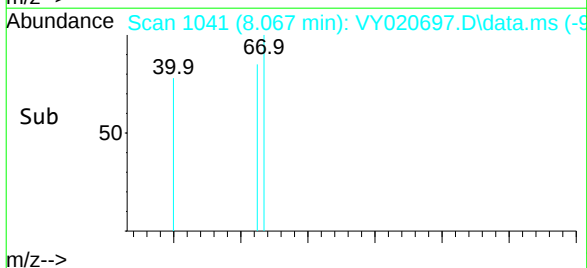
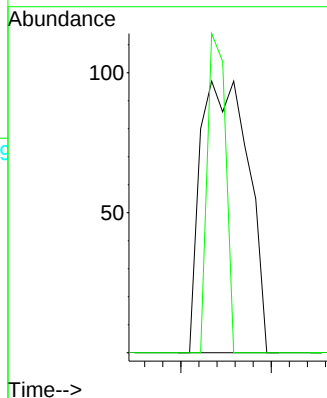
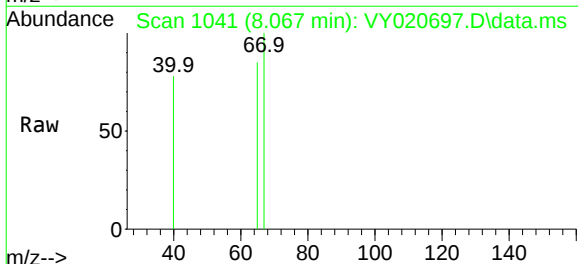
Instrument :
MSVOA_Y
ClientSampleId :
TR-06-12182024RE

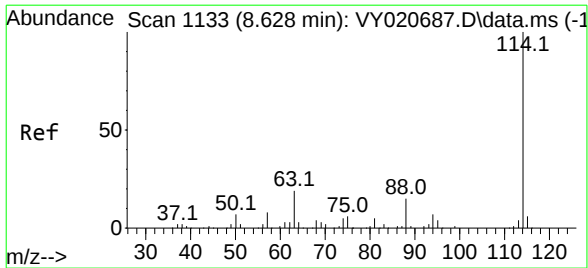
Tgt Ion:168 Resp: 243
Ion Ratio Lower Upper
168 100
99 39.6 43.8 65.6#



#33
1,2-Dichloroethane-d4
Concen: 83.174 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY020697.D
Acq: 23 Dec 2024 17:27

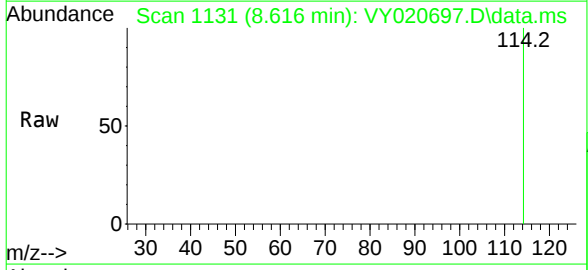
Tgt Ion: 65 Resp: 179
Ion Ratio Lower Upper
65 100
67 44.7 0.0 98.0



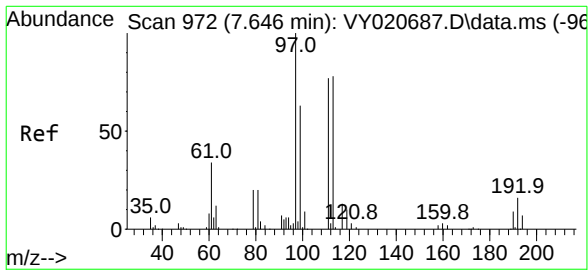
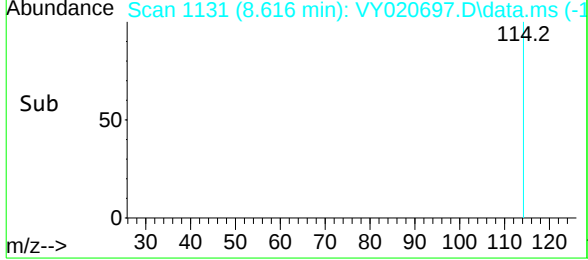
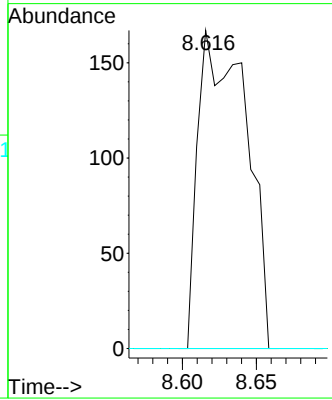


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 111
 Delta R.T. -0.012 min
 Lab File: VY020697.D
 Acq: 23 Dec 2024 17:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-06-12182024RE

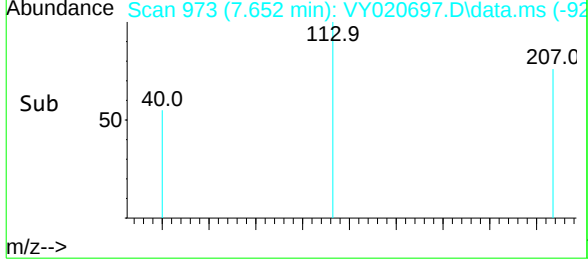
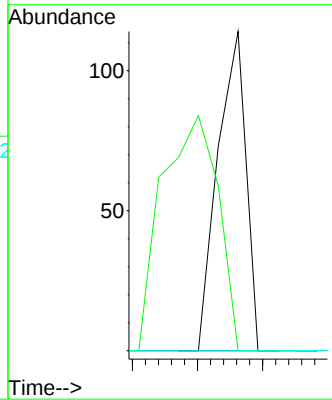
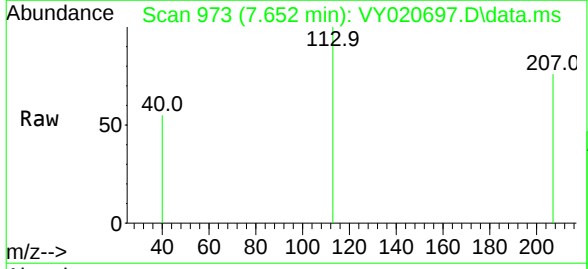


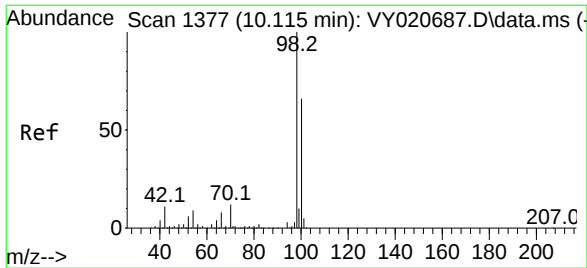
Tgt Ion:	114	Resp:	378
Ion	Ratio	Lower	Upper
114	100		
63	0.0	0.0	38.4
88	0.0	0.0	30.4



#35
 Dibromofluoromethane
 Concen: 30.637 ug/l
 RT: 7.652 min Scan# 973
 Delta R.T. 0.006 min
 Lab File: VY020697.D
 Acq: 23 Dec 2024 17:27

Tgt Ion:	113	Resp:	68
Ion	Ratio	Lower	Upper
113	100		
111	147.1	79.8	119.8#
192	0.0	17.0	25.6#





#50

Toluene-d8

Concen: 39.819 ug/l

RT: 10.115 min Scan# 13

Delta R.T. 0.000 min

Lab File: VY020697.D

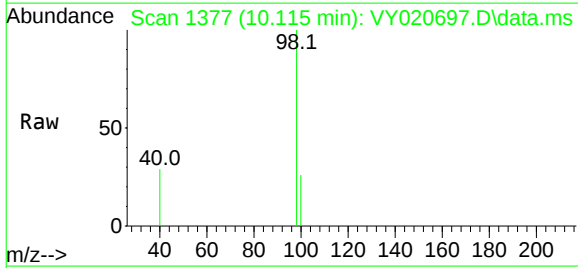
Acq: 23 Dec 2024 17:27

Instrument :

MSVOA_Y

ClientSampleId :

TR-06-12182024RE

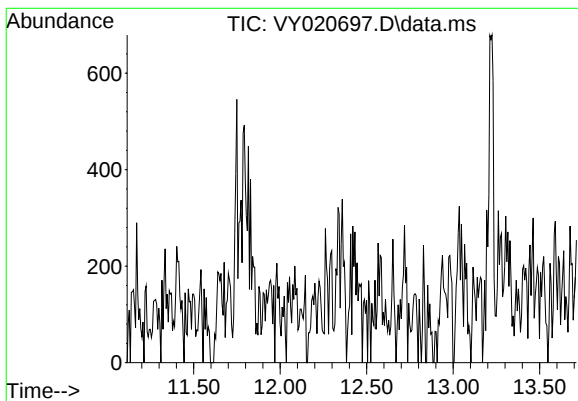
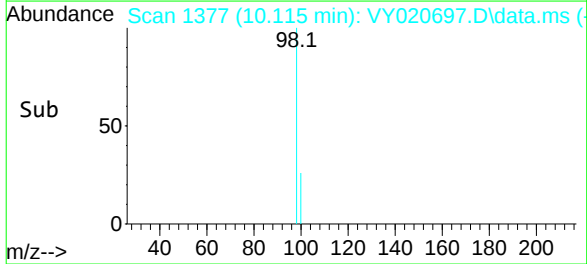
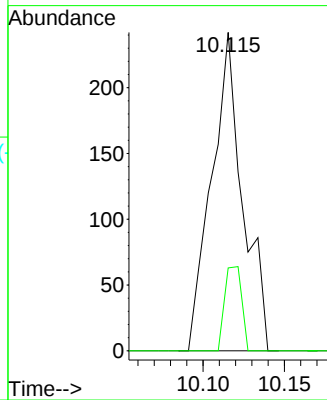


Tgt Ion: 98 Resp: 321

Ion Ratio Lower Upper

98 100

100 14.3 52.2 78.4#



#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.41 min

Lab File: VY020697.D

Acq: 23 Dec 2024 17:27

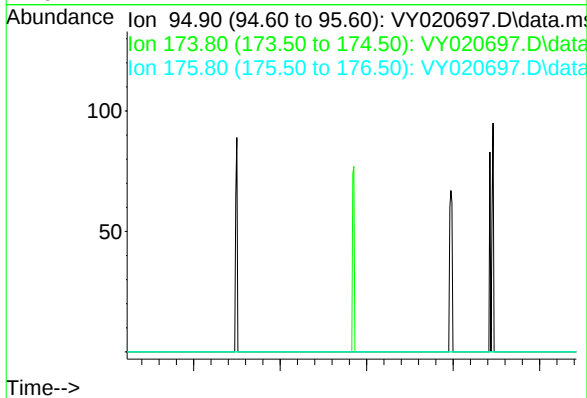
Tgt Ion: 95

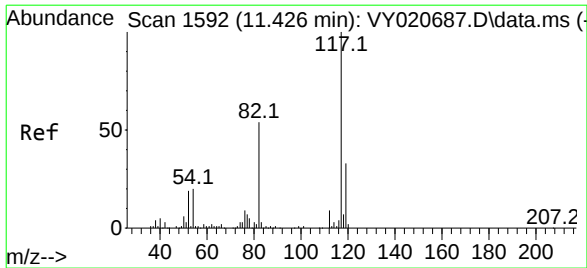
Sig Exp Ratio

95 100

174 89.6

176 89.9





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 15

Delta R.T. 0.000 min

Lab File: VY020697.D

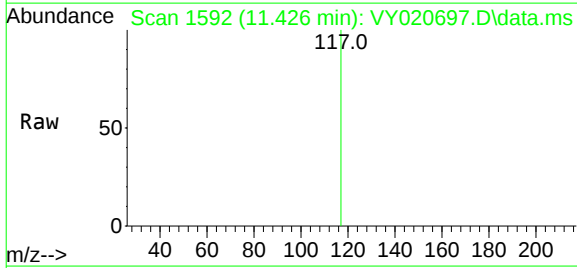
Acq: 23 Dec 2024 17:27

Instrument :

MSVOA_Y

ClientSampleId :

TR-06-12182024RE



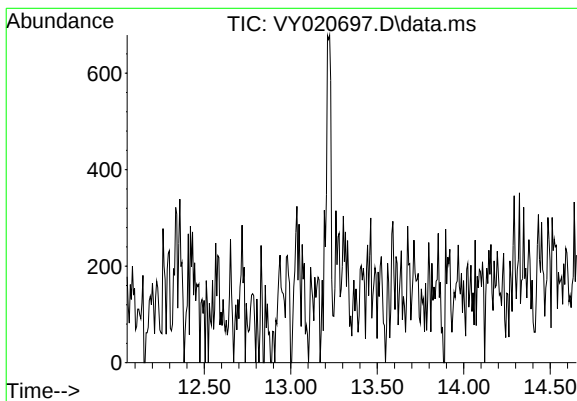
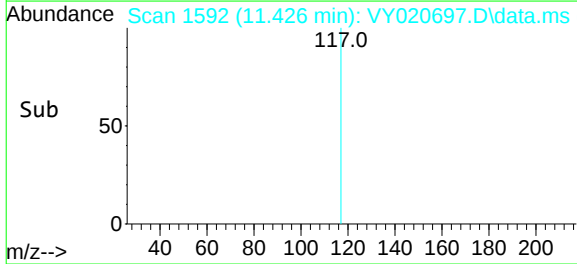
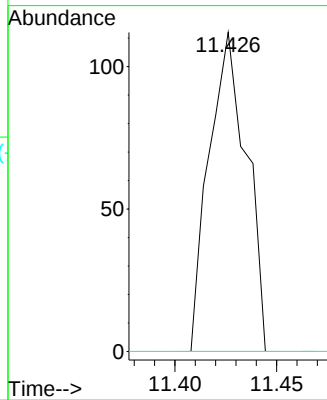
Tgt Ion:117 Resp: 143

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: VY020697.D

Acq: 23 Dec 2024 17:27

Tgt Ion: 152

Sig Exp Ratio

152 100

115 60.6

150 174.5

