

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010725\
 Data File : VY020796.D
 Acq On : 07 Jan 2025 16:43
 Operator : SY/MD
 Sample : Q1029-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-02-01072025

Quant Time: Jan 08 00:56:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010625S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 01:31:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	22	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	48	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	42	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.365	152	19	50.000	ug/l	# 0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	141	754.041	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 1508.080%#	
35) Dibromofluoromethane	7.640	113	68	226.127	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 452.260%#	
50) Toluene-d8	10.115	98	22	20.986	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 41.980%#	
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	29 - 146	Recovery	= 0.000%#	

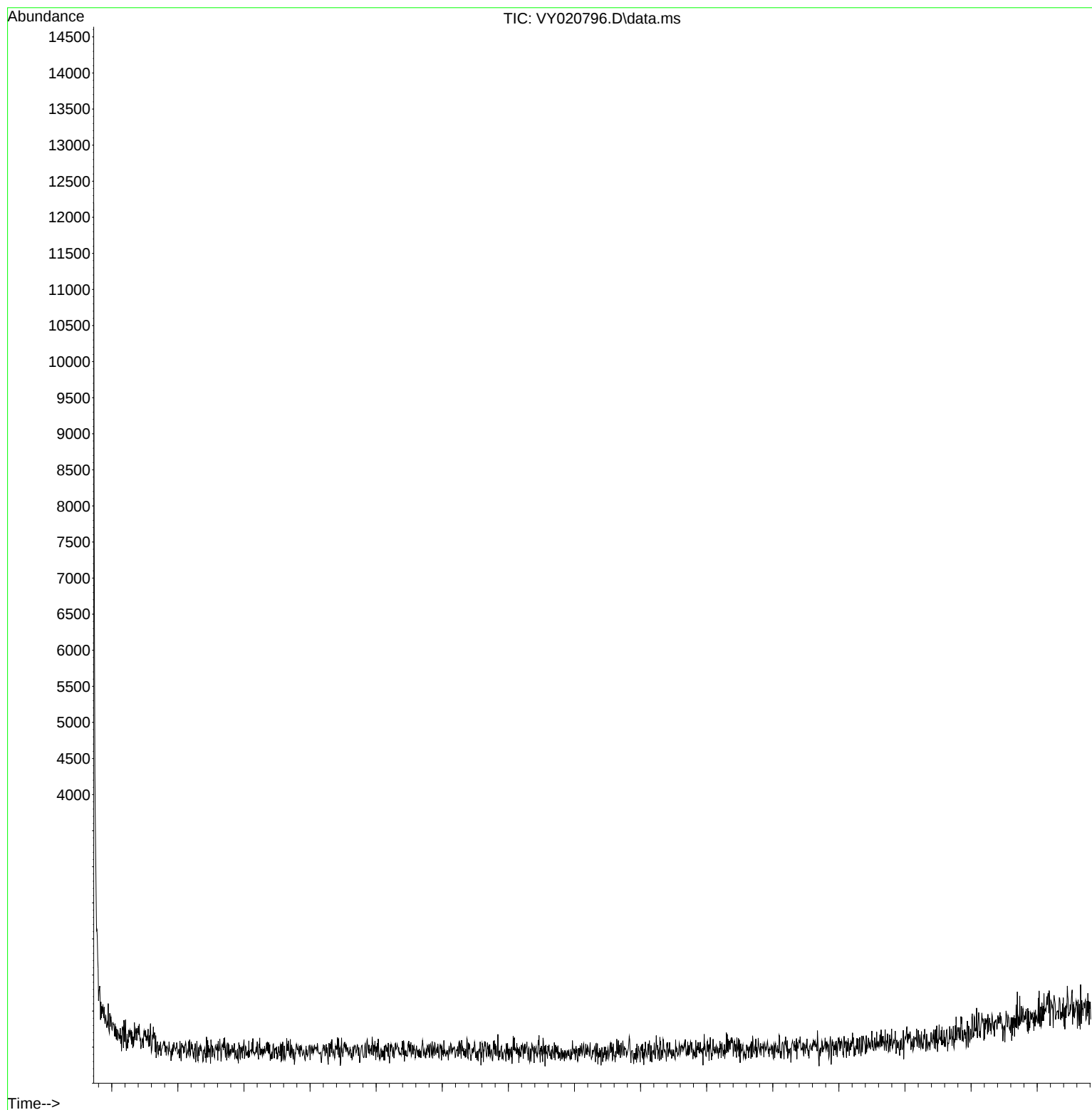
Target Compounds Qvalue

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

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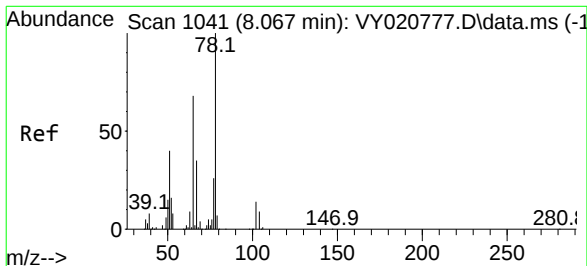
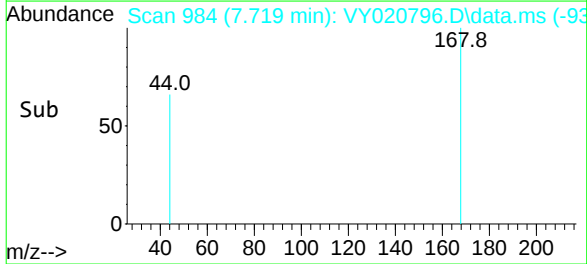
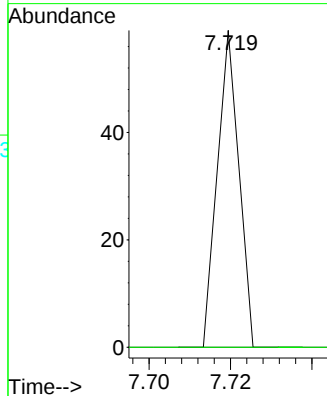
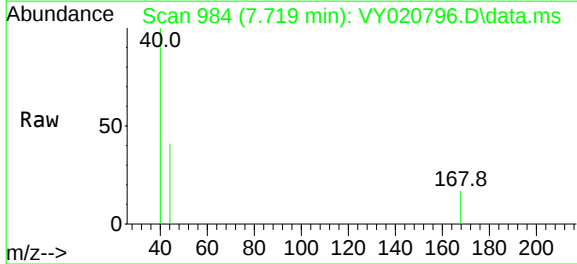




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 98
Delta R.T. 0.006 min
Lab File: VY020796.D
Acq: 07 Jan 2025 16:43

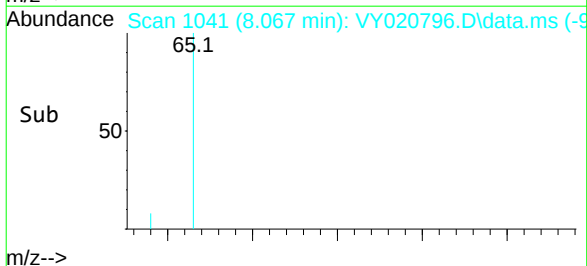
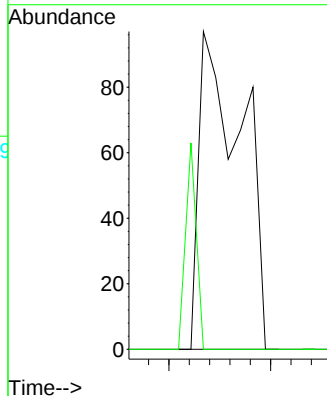
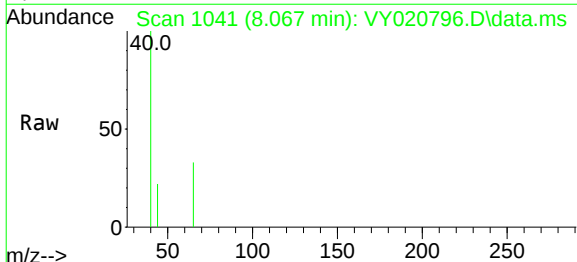
Instrument :
MSVOA_Y
ClientSampleId :
HR-02-01072025

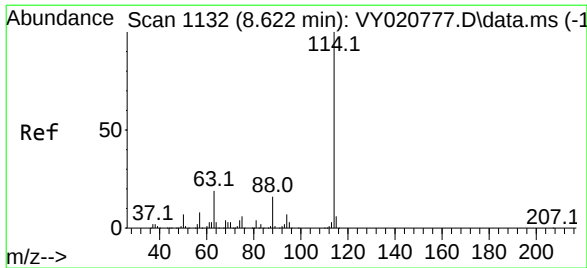
Tgt Ion:168 Resp: 22
Ion Ratio Lower Upper
168 100
99 0.0 44.3 66.5#



#33
1,2-Dichloroethane-d4
Concen: 754.041 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY020796.D
Acq: 07 Jan 2025 16:43

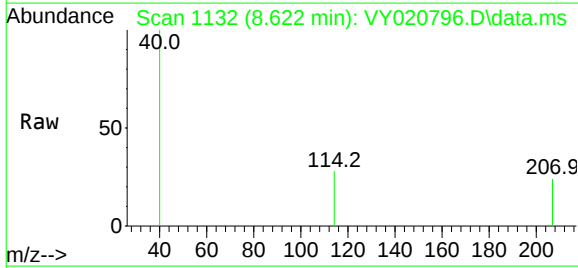
Tgt Ion: 65 Resp: 141
Ion Ratio Lower Upper
65 100
67 16.3 0.0 102.8



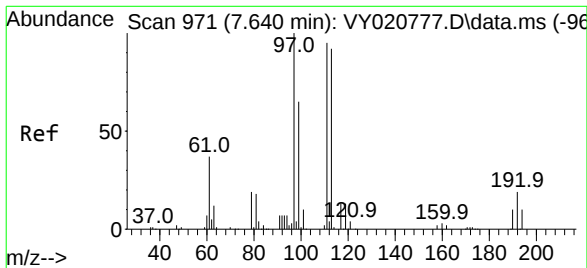
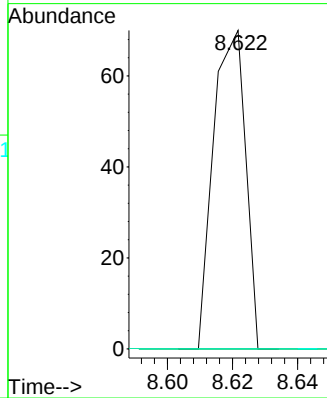
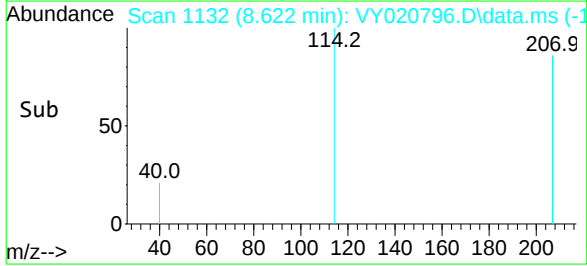


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VY020796.D
Acq: 07 Jan 2025 16:43

Instrument :
MSVOA_Y
ClientSampleId :
HR-02-01072025

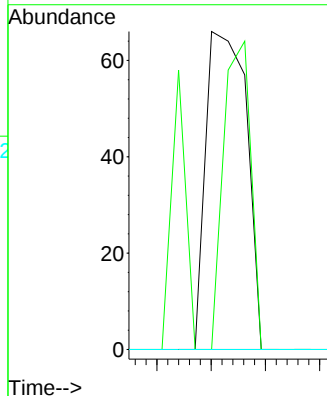
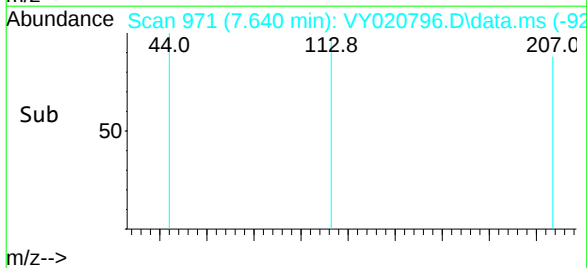
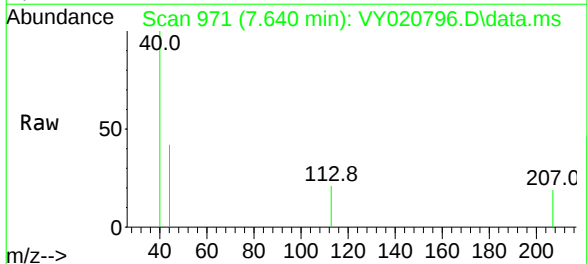


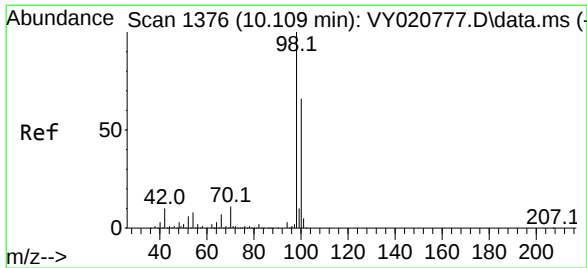
Tgt Ion:114 Resp: 48
Ion Ratio Lower Upper
114 100
63 0.0 0.0 38.4
88 0.0 0.0 31.2



#35
Dibromofluoromethane
Concen: 226.127 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.000 min
Lab File: VY020796.D
Acq: 07 Jan 2025 16:43

Tgt Ion:113 Resp: 68
Ion Ratio Lower Upper
113 100
111 30.9 81.7 122.5#
192 0.0 16.7 25.1#





#50

Toluene-d8

Concen: 20.986 ug/l

RT: 10.115 min Scan# 13

Delta R.T. 0.006 min

Lab File: VY020796.D

Acq: 07 Jan 2025 16:43

Instrument :

MSVOA_Y

ClientSampleId :

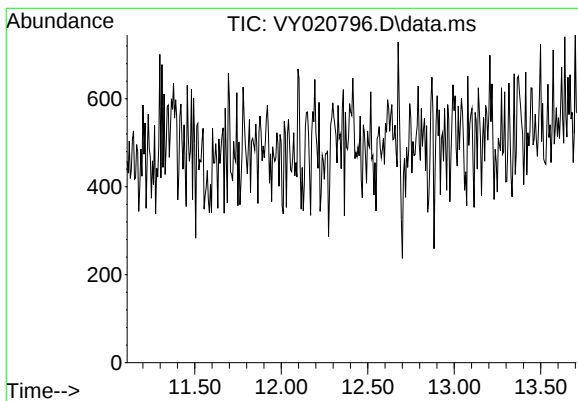
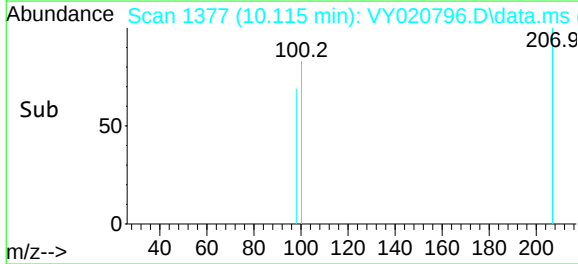
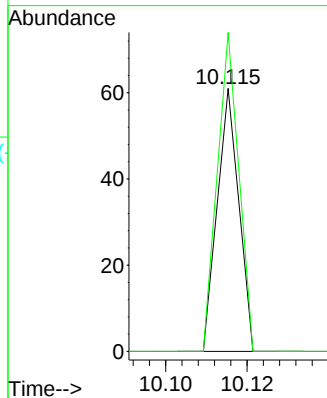
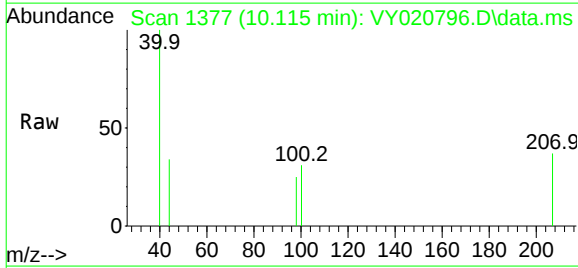
HR-02-01072025

Tgt Ion: 98 Resp: 22

Ion Ratio Lower Upper

98 100

100 122.7 52.5 78.7#



#62

4-Bromofluorobenzene

Concen: 0.000 ug/l

Expected RT: 12.41 min

Lab File: VY020796.D

Acq: 07 Jan 2025 16:43

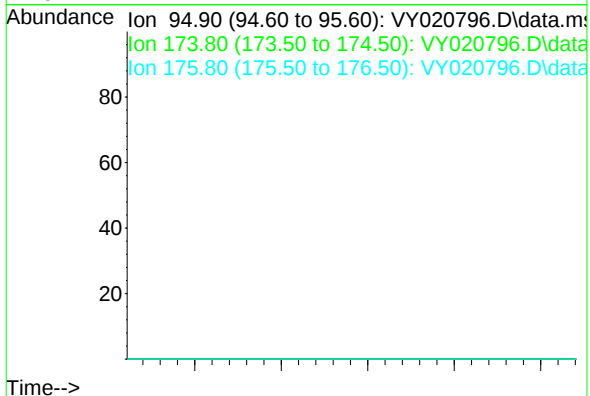
Tgt Ion: 95

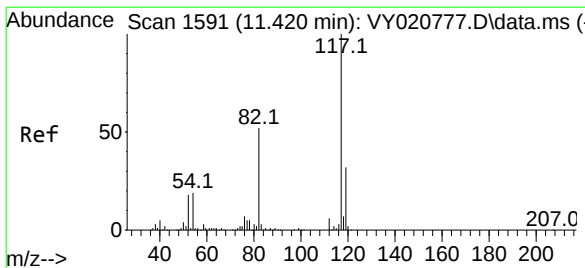
Sig Exp Ratio

95 100

174 89.0

176 86.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 15

Delta R.T. 0.000 min

Lab File: VY020796.D

Acq: 07 Jan 2025 16:43

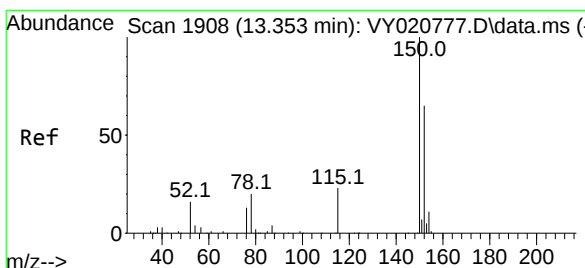
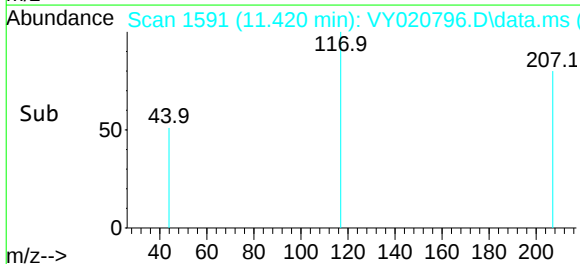
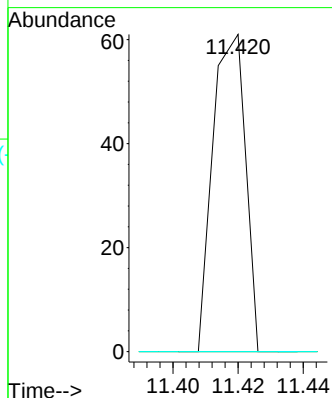
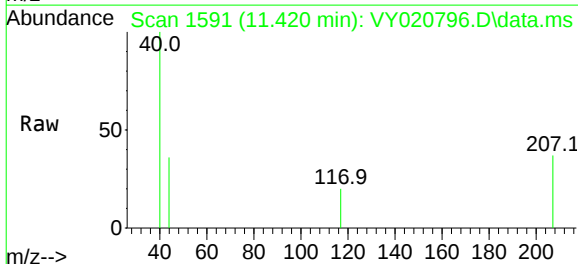
Instrument :

MSVOA_Y

ClientSampleId :

HR-02-01072025

Tgt Ion:	117	Resp:	42
Ion	Ratio	Lower	Upper
117	100		
82	0.0	41.8	62.6#
119	0.0	25.8	38.8#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.012 min

Lab File: VY020796.D

Acq: 07 Jan 2025 16:43

Tgt Ion:	152	Resp:	19
Ion	Ratio	Lower	Upper
152	100		
115	0.0	29.0	87.0#
150	100.0	0.0	347.4

