

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010725\
 Data File : VY020790.D
 Acq On : 07 Jan 2025 10:30
 Operator : SY/MD
 Sample : VY0107SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0107SBL01

Quant Time: Jan 08 00:52:26 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	7.732	168	186018	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.634	114	313904	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.432	117	251063	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.365	152	89480	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.085	65	81052	51.263	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.520%
35) Dibromofluoromethane	7.658	113	94174	47.887	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.780%
50) Toluene-d8	10.128	98	357888	52.204	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.400%
62) 4-Bromofluorobenzene	12.420	95	100621	39.746	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	79.500%

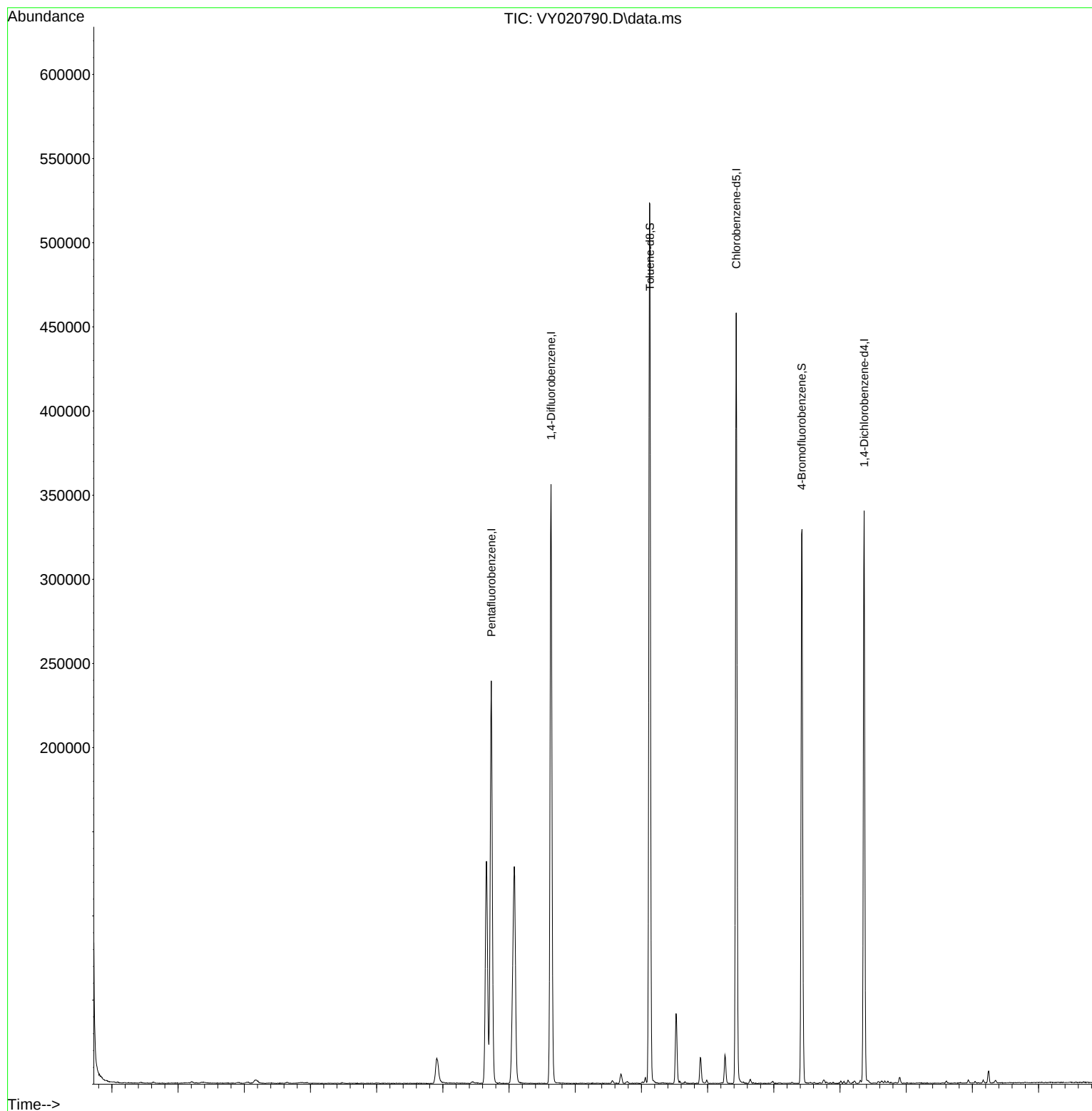
Target Compounds Qvalue

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

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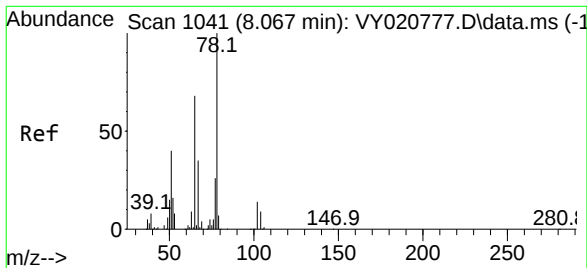
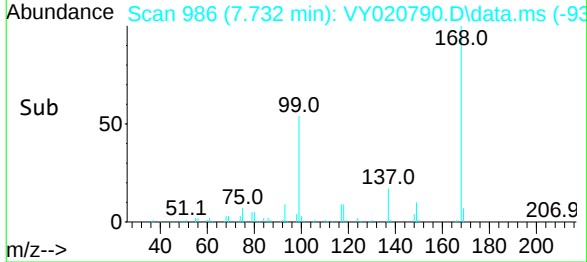
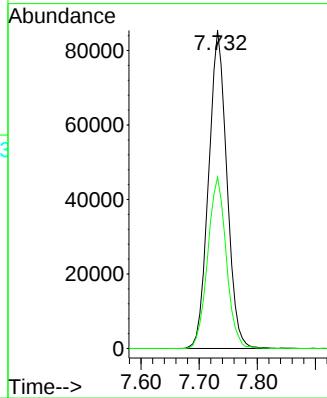
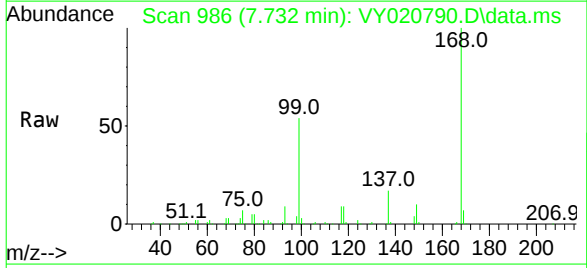




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.732 min Scan# 98
Delta R.T. 0.019 min
Lab File: VY020790.D
Acq: 07 Jan 2025 10:30

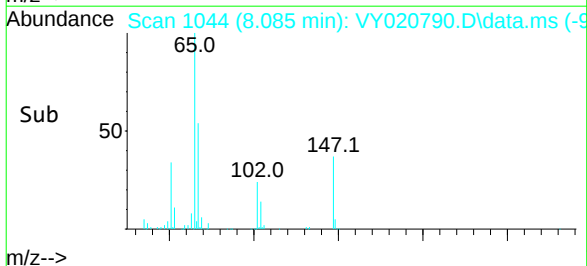
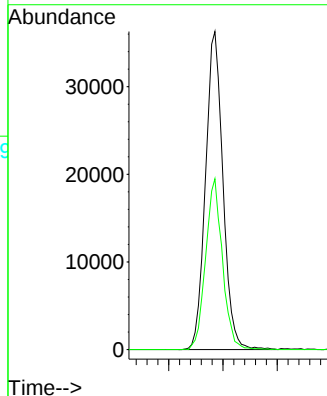
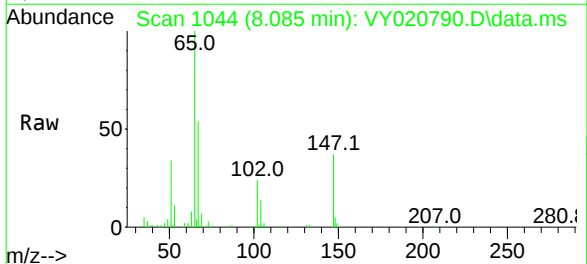
Instrument :
MSVOA_Y
ClientSampleId :
VY0107SBL01

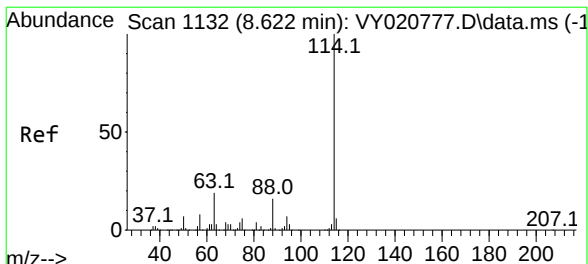
Tgt Ion:168 Resp: 186018
Ion Ratio Lower Upper
168 100
99 53.9 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 51.263 ug/l
RT: 8.085 min Scan# 1044
Delta R.T. 0.018 min
Lab File: VY020790.D
Acq: 07 Jan 2025 10:30

Tgt Ion: 65 Resp: 81052
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.8

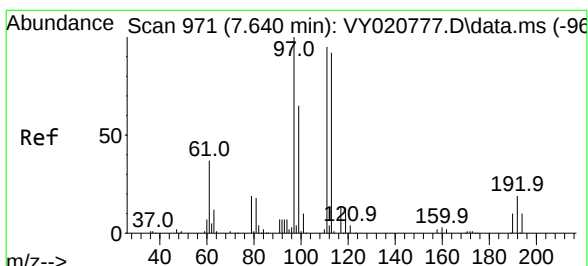
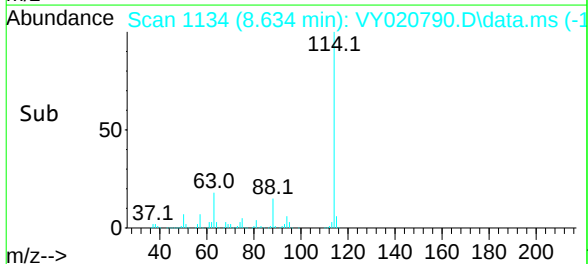
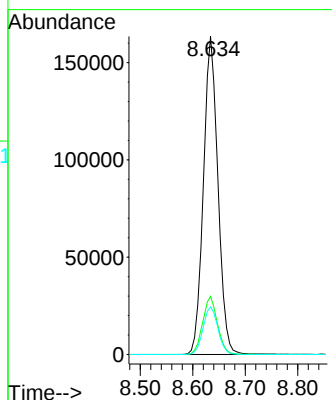
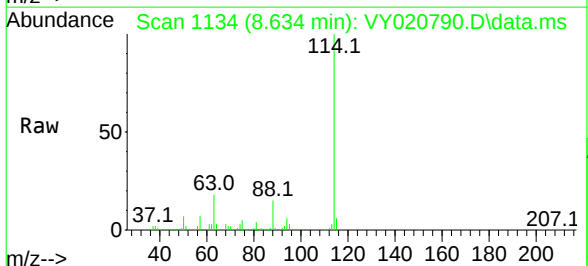




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.634 min Scan# 11
 Delta R.T. 0.012 min
 Lab File: VY020790.D
 Acq: 07 Jan 2025 10:30

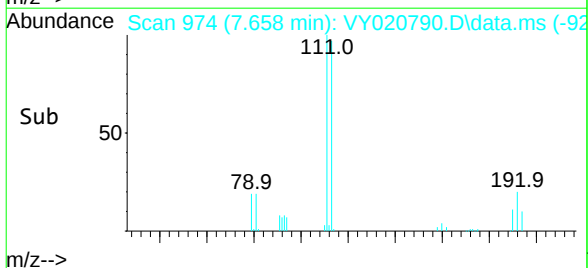
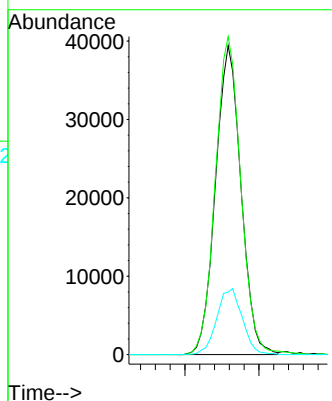
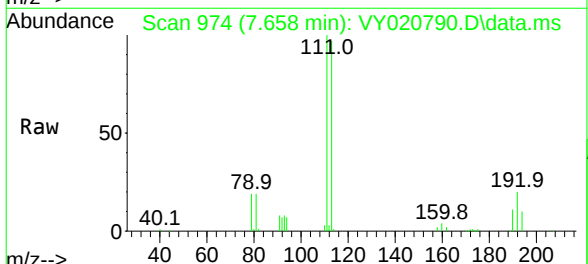
Instrument :
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 VY0107SBL01

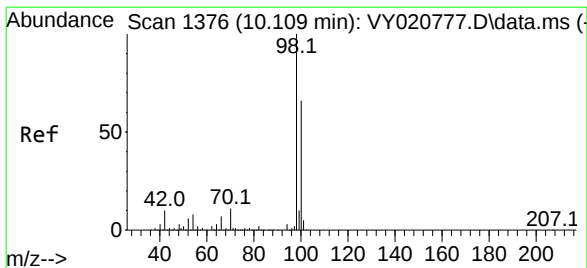
Tgt Ion:	114	Resp:	313904
Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	38.4
88	15.0	0.0	31.2



#35
 Dibromofluoromethane
 Concen: 47.887 ug/l
 RT: 7.658 min Scan# 974
 Delta R.T. 0.018 min
 Lab File: VY020790.D
 Acq: 07 Jan 2025 10:30

Tgt Ion:	113	Resp:	94174
Ion	Ratio	Lower	Upper
113	100		
111	103.0	81.7	122.5
192	21.4	16.7	25.1





#50

Toluene-d8

Concen: 52.204 ug/l

RT: 10.128 min Scan# 1376

Delta R.T. 0.018 min

Lab File: VY020790.D

Acq: 07 Jan 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

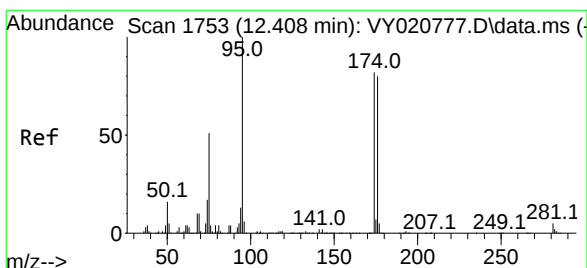
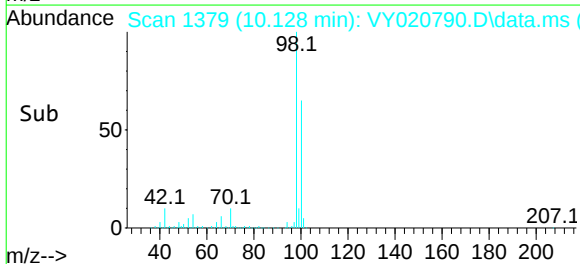
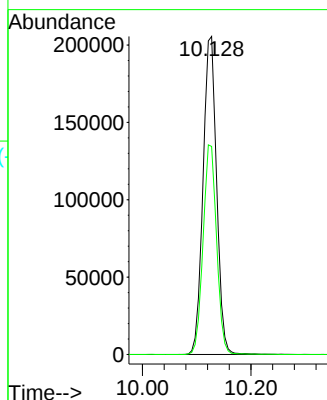
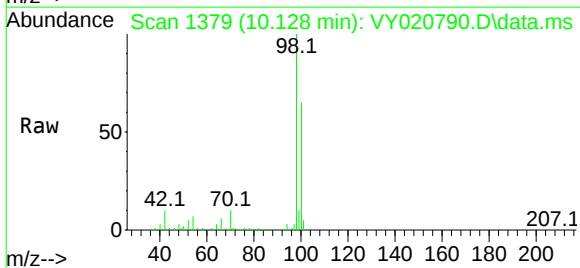
VY0107SBL01

Tgt Ion: 98 Resp: 357888

Ion Ratio Lower Upper

98 100

100 65.7 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 39.746 ug/l

RT: 12.420 min Scan# 1755

Delta R.T. 0.012 min

Lab File: VY020790.D

Acq: 07 Jan 2025 10:30

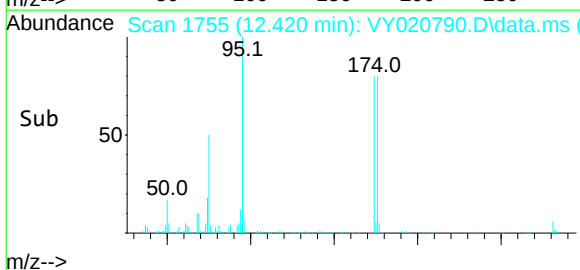
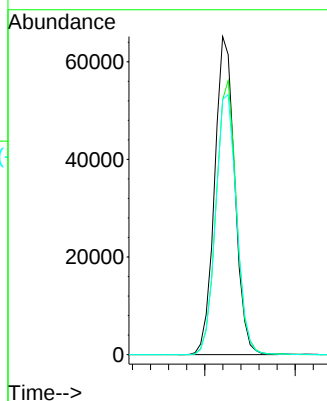
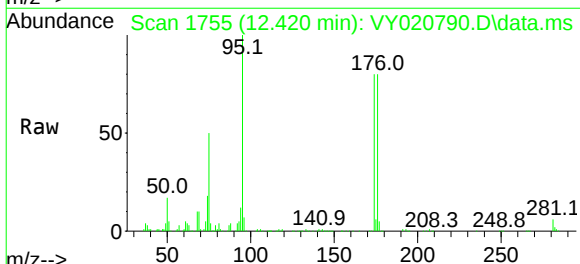
Tgt Ion: 95 Resp: 100621

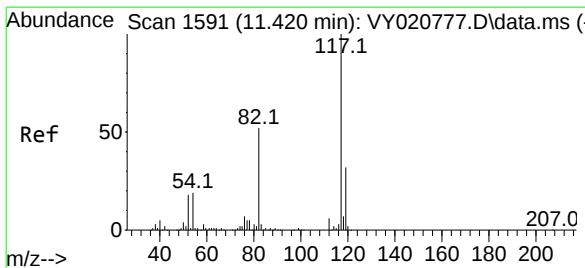
Ion Ratio Lower Upper

95 100

174 87.0 0.0 178.0

176 85.0 0.0 172.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.432 min Scan# 15

Delta R.T. 0.012 min

Lab File: VY020790.D

Acq: 07 Jan 2025 10:30

Instrument :

MSVOA_Y

ClientSampleId :

VY0107SBL01

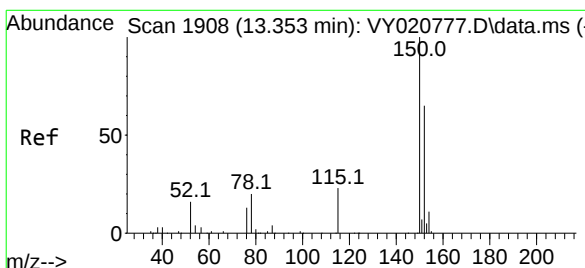
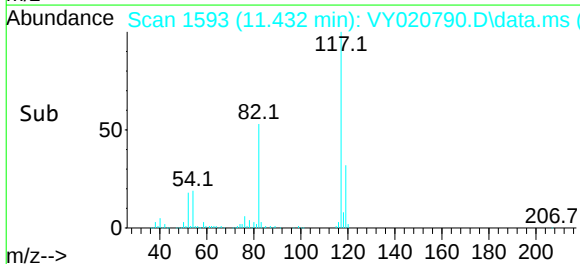
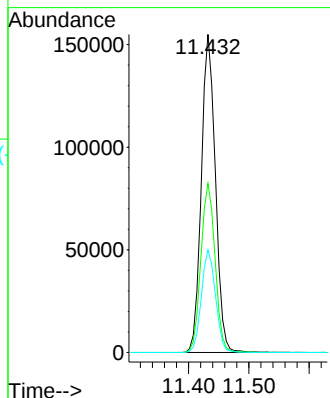
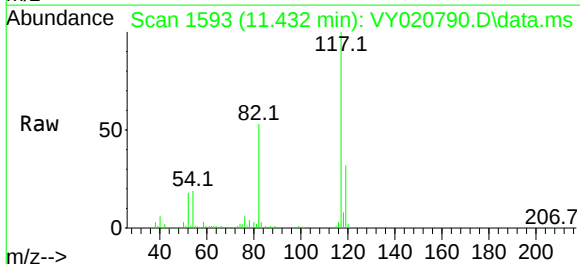
Tgt Ion:117 Resp: 251063

Ion Ratio Lower Upper

117 100

82 53.2 41.8 62.6

119 32.2 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: VY020790.D

Acq: 07 Jan 2025 10:30

Tgt Ion:152 Resp: 89480

Ion Ratio Lower Upper

152 100

115 57.7 29.0 87.0

150 156.6 0.0 347.4

