

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020425\
 Data File : VY021053.D
 Acq On : 04 Feb 2025 13:06
 Operator : SY/MD
 Sample : Q1216-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-18.1-012825

Quant Time: Feb 05 00:45:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	91498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	158532	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	140199	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	53582	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	51947	55.412	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.820%
35) Dibromofluoromethane	7.634	113	54291	53.437	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.880%
50) Toluene-d8	10.109	98	192301	49.717	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.440%
62) 4-Bromofluorobenzene	12.408	95	56408	44.640	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.280%

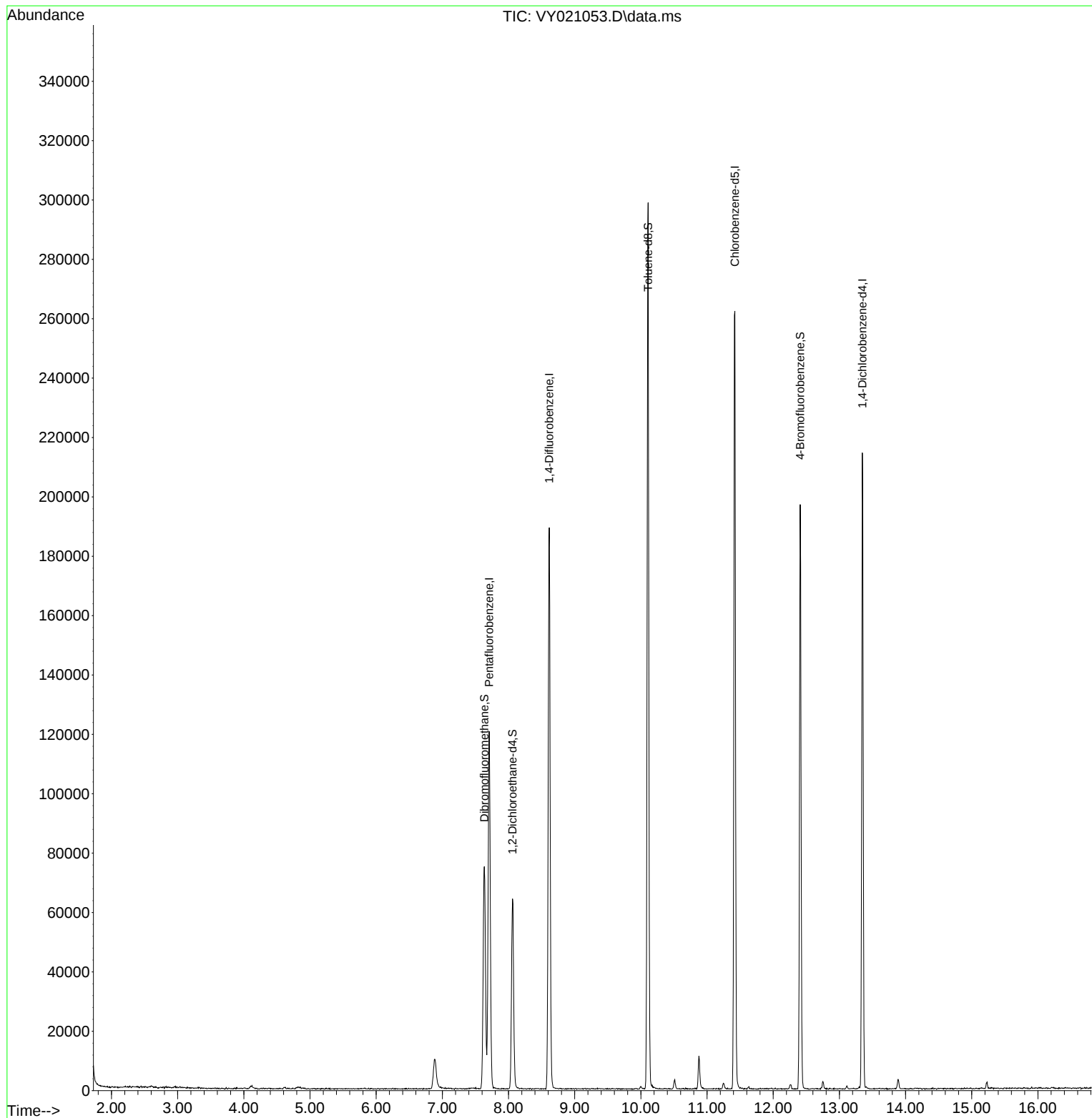
Target Compounds	Qvalue

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

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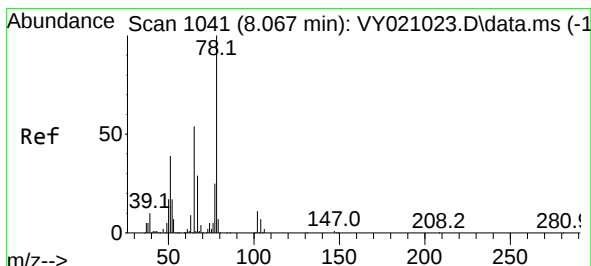
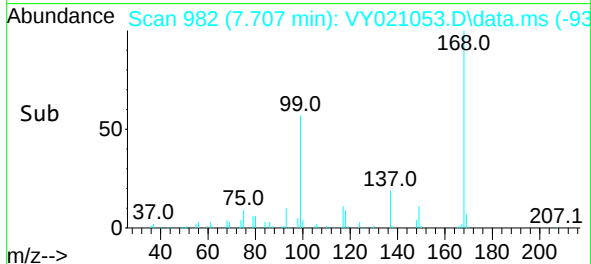
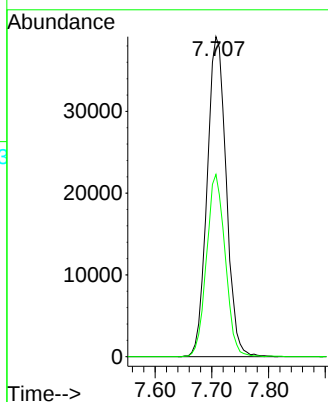
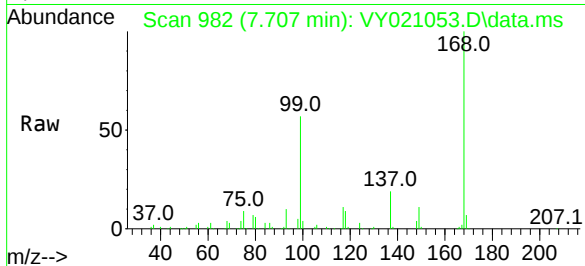




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021053.D
Acq: 04 Feb 2025 13:06

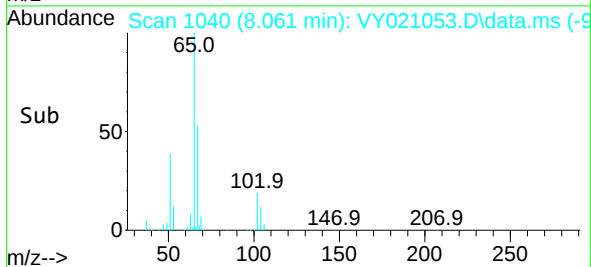
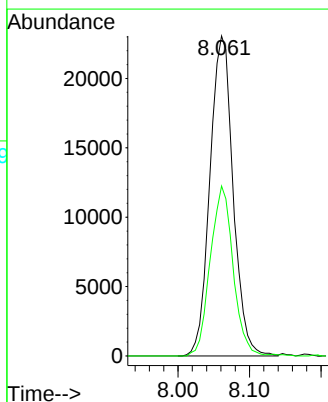
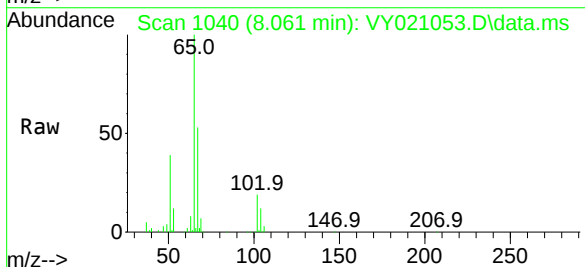
Instrument :
MSVOA_Y
ClientSampleId :
JPP-18.1-012825

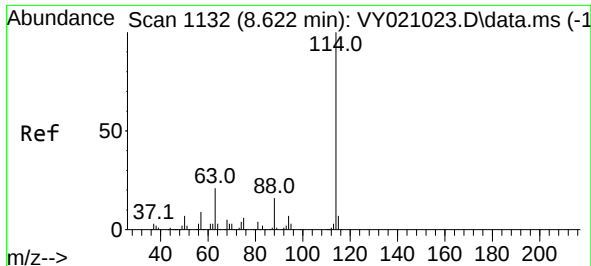
Tgt Ion:168 Resp: 91498
Ion Ratio Lower Upper
168 100
99 57.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 55.412 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021053.D
Acq: 04 Feb 2025 13:06

Tgt Ion: 65 Resp: 51947
Ion Ratio Lower Upper
65 100
67 52.1 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VY021053.D

Acq: 04 Feb 2025 13:06

Instrument :

MSVOA_Y

ClientSampleId :

JPP-18.1-012825

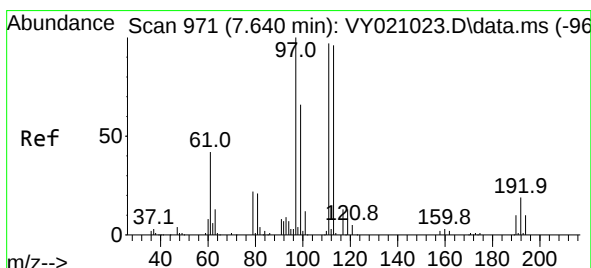
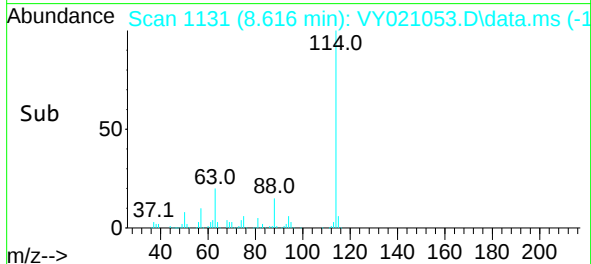
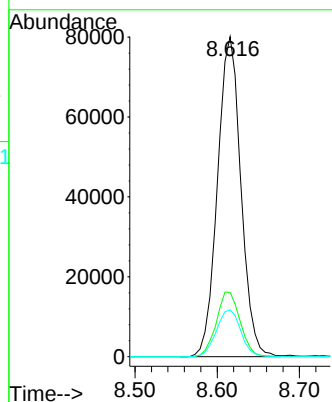
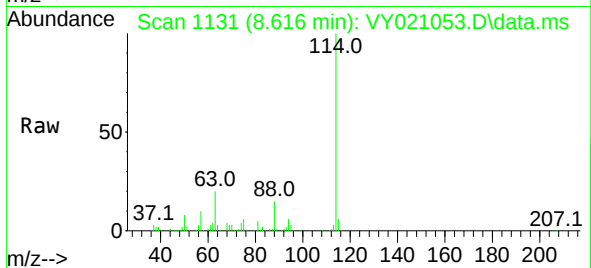
Tgt Ion:114 Resp: 158532

Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

88 14.7 0.0 29.0



#35

Dibromofluoromethane

Concen: 53.437 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY021053.D

Acq: 04 Feb 2025 13:06

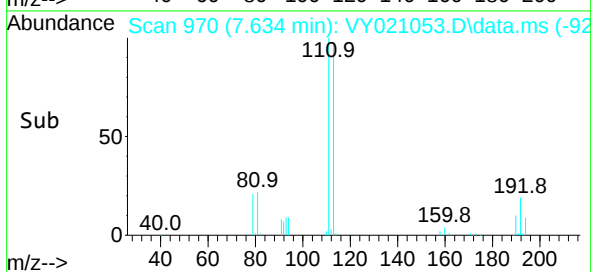
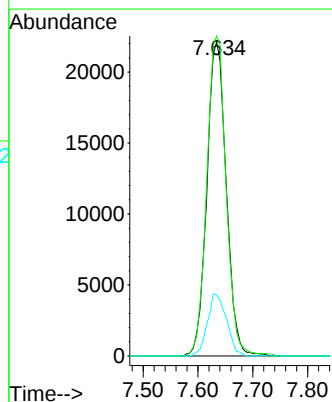
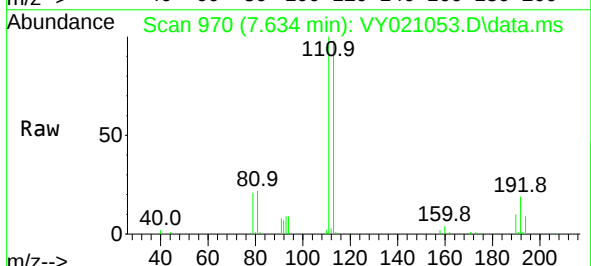
Tgt Ion:113 Resp: 54291

Ion Ratio Lower Upper

113 100

111 101.8 83.8 125.6

192 19.5 14.5 21.7

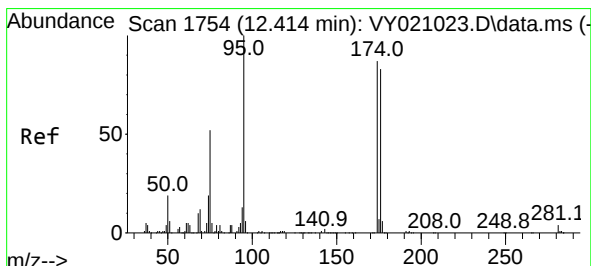
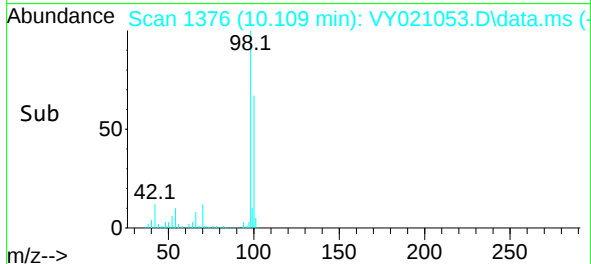
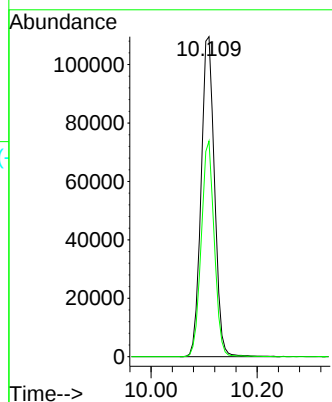
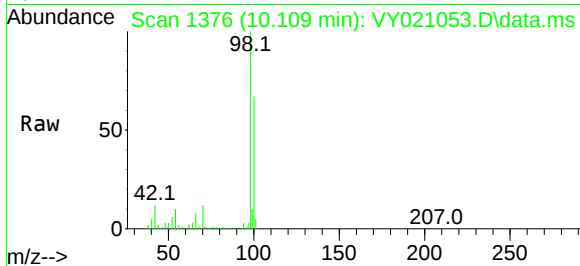




#50
Toluene-d8
Concen: 49.717 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021053.D
Acq: 04 Feb 2025 13:06

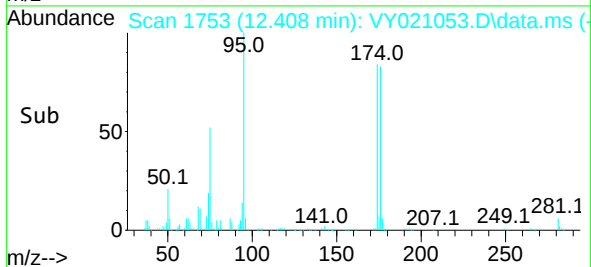
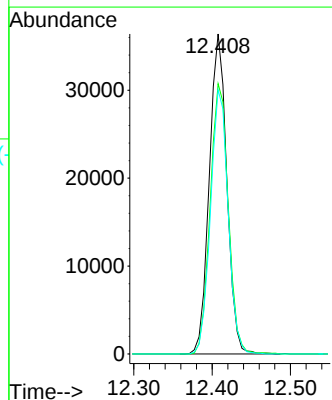
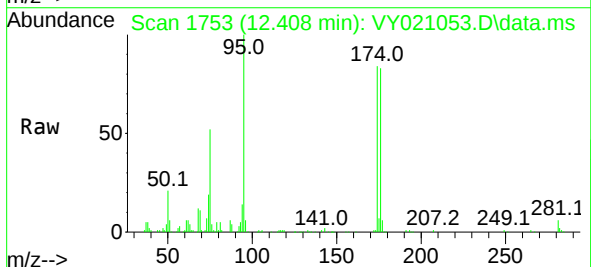
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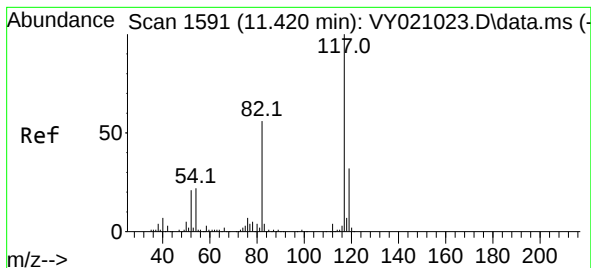
Tgt Ion: 98 Resp: 192301
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 44.640 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021053.D
Acq: 04 Feb 2025 13:06

Tgt Ion: 95 Resp: 56408
Ion Ratio Lower Upper
95 100
174 87.4 0.0 160.0
176 82.9 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021053.D

Acq: 04 Feb 2025 13:06

Instrument :

MSVOA_Y

ClientSampleId :

JPP-18.1-012825

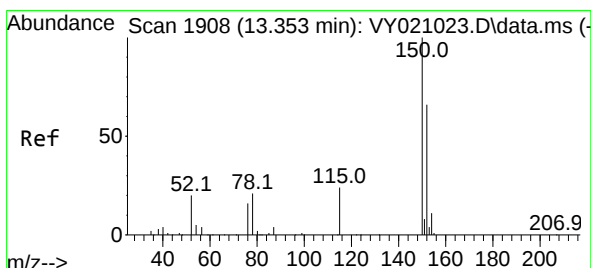
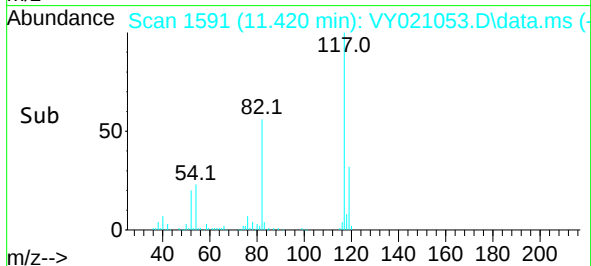
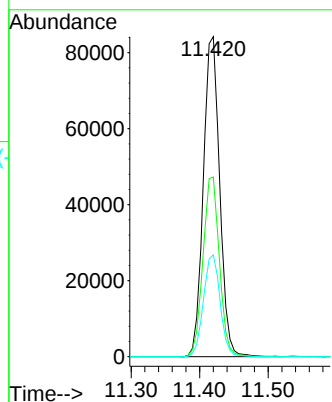
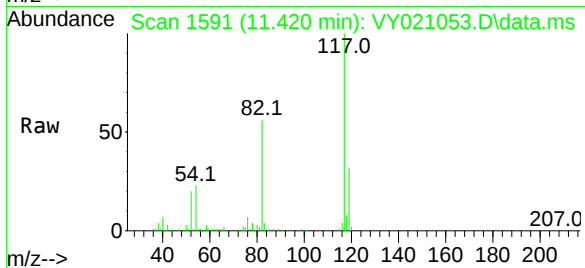
Tgt Ion:117 Resp: 140199

Ion Ratio Lower Upper

117 100

82 56.1 43.8 65.8

119 31.8 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY021053.D

Acq: 04 Feb 2025 13:06

Tgt Ion:152 Resp: 53582

Ion Ratio Lower Upper

152 100

115 58.1 30.0 90.0

150 155.5 0.0 344.6

