

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
 Data File : VY021041.D
 Acq On : 03 Feb 2025 19:44
 Operator : SY/MD
 Sample : Q1207-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-2.1-012725

Quant Time: Feb 04 00:59:46 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	114628	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	206985	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	183953	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	69823	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	65909	56.119	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.240%
35) Dibromofluoromethane	7.634	113	69718	52.558	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.120%
50) Toluene-d8	10.109	98	248922	49.291	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.580%
62) 4-Bromofluorobenzene	12.408	95	73745	44.698	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.400%

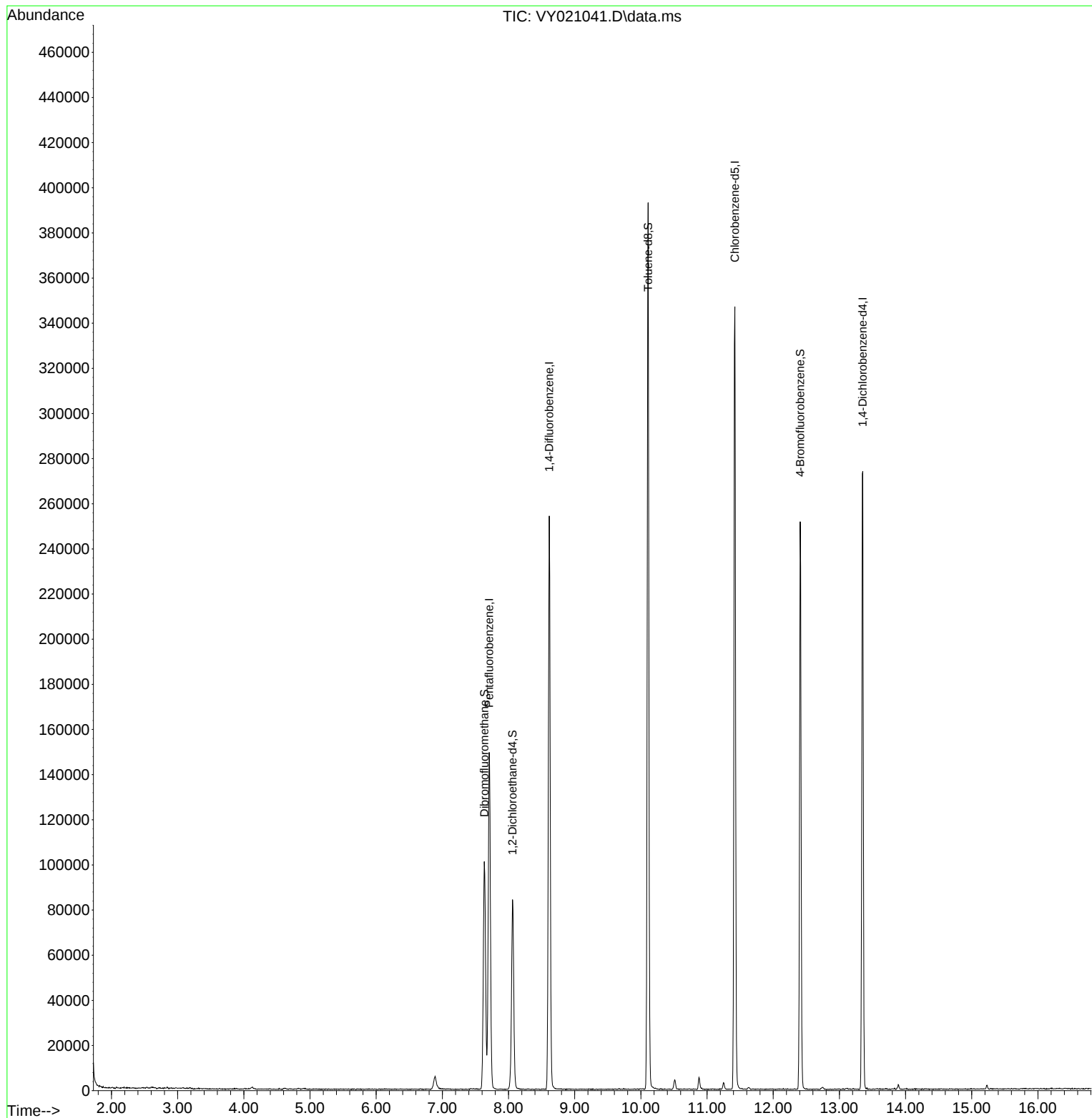
Target Compounds	Qvalue

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

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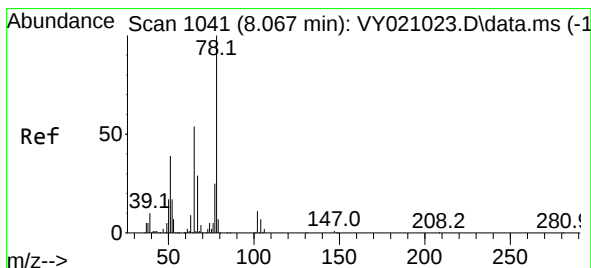
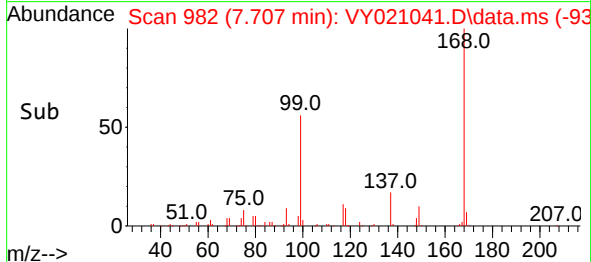
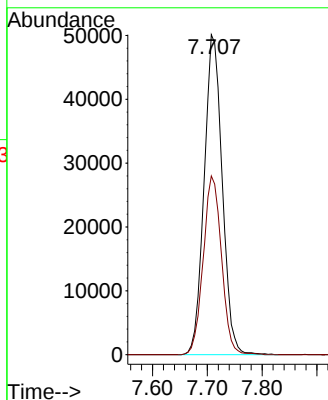
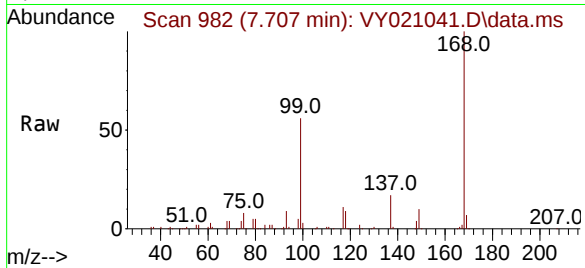




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021041.D
Acq: 03 Feb 2025 19:44

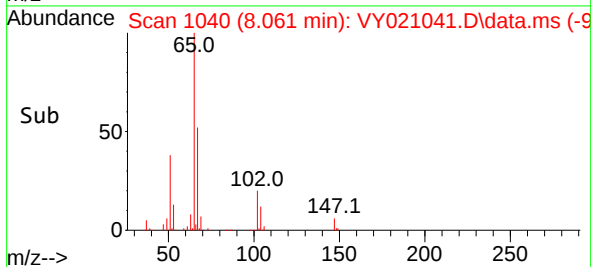
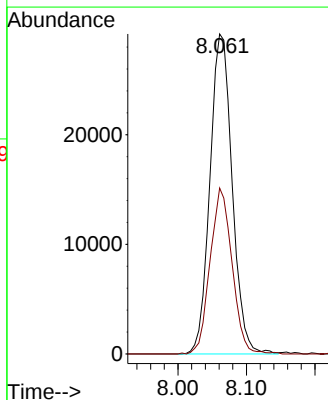
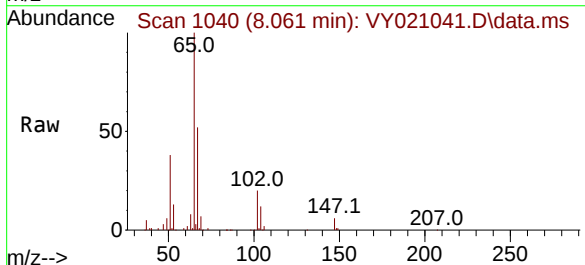
Instrument :
MSVOA_Y
ClientSampleId :
JPP-2.1-012725

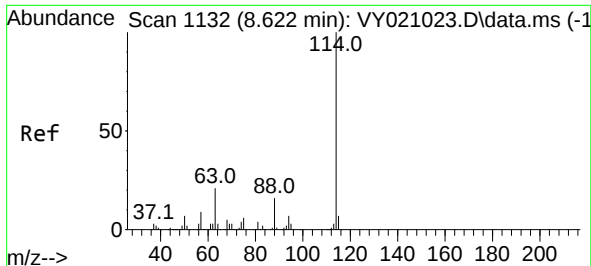
Tgt Ion:168 Resp: 114628
Ion Ratio Lower Upper
168 100
99 55.8 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 56.119 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021041.D
Acq: 03 Feb 2025 19:44

Tgt Ion: 65 Resp: 65909
Ion Ratio Lower Upper
65 100
67 51.2 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: VY021041.D

Acq: 03 Feb 2025 19:44

Instrument :

MSVOA_Y

ClientSampleId :

JPP-2.1-012725

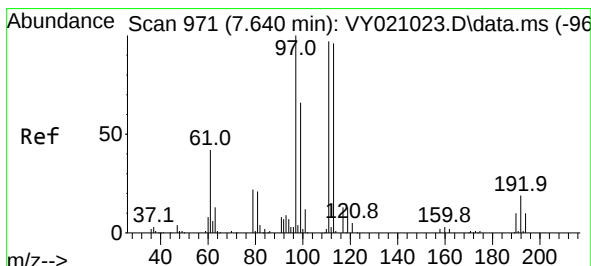
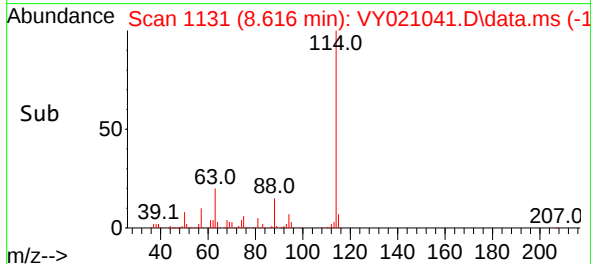
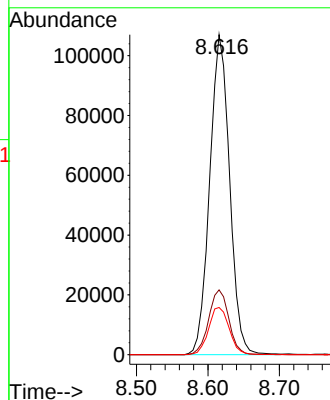
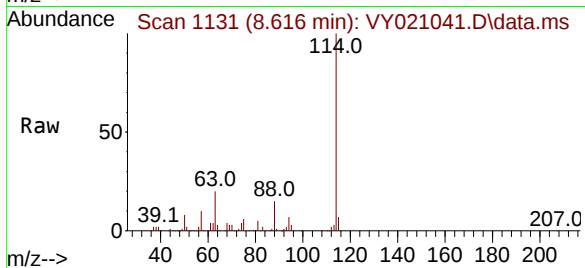
Tgt Ion:114 Resp: 206985

Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

88 14.8 0.0 29.0



#35

Dibromofluoromethane

Concen: 52.558 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY021041.D

Acq: 03 Feb 2025 19:44

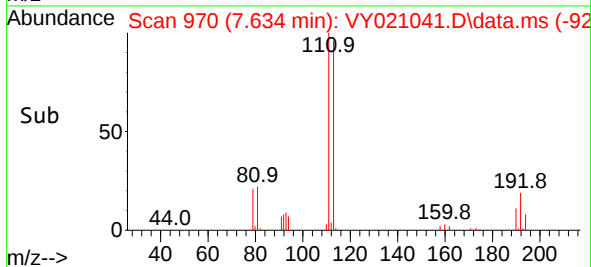
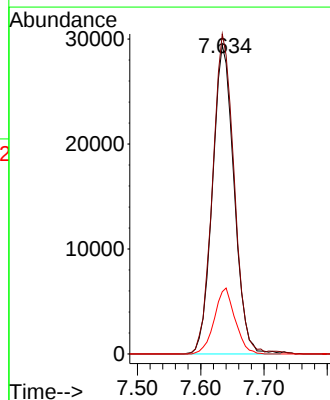
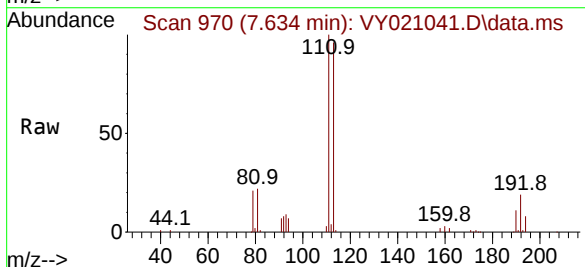
Tgt Ion:113 Resp: 69718

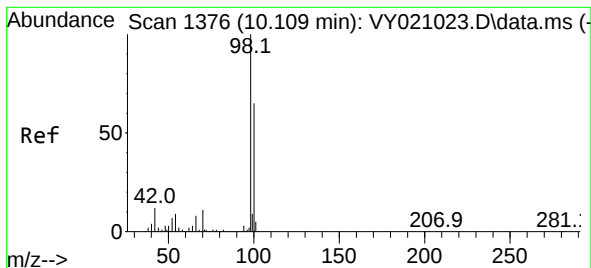
Ion Ratio Lower Upper

113 100

111 103.6 83.8 125.6

192 20.5 14.5 21.7

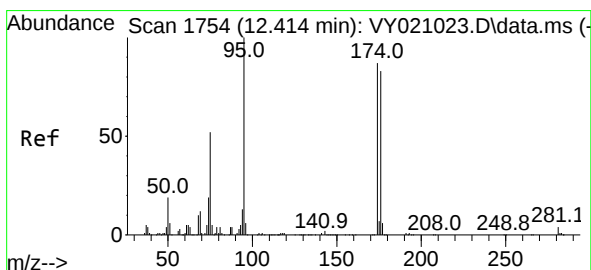
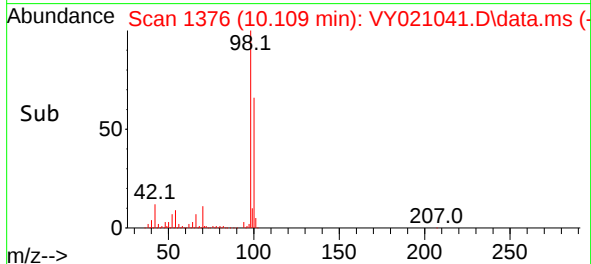
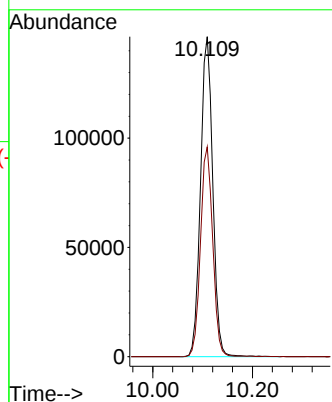
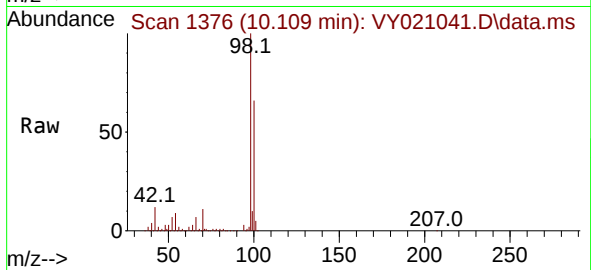




#50
Toluene-d8
Concen: 49.291 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021041.D
Acq: 03 Feb 2025 19:44

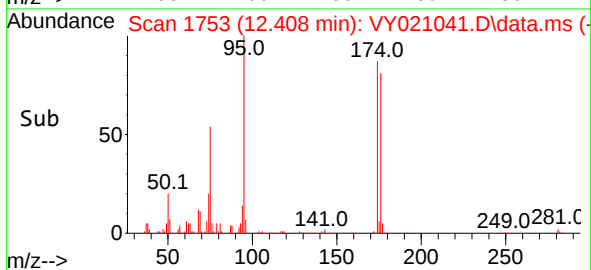
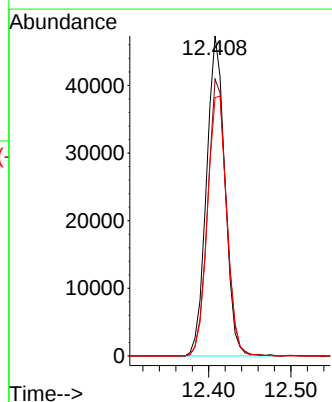
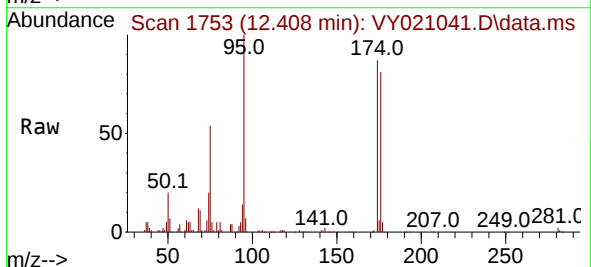
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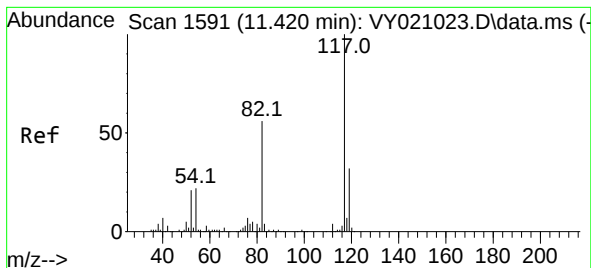
Tgt Ion: 98 Resp: 248922
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 44.698 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021041.D
Acq: 03 Feb 2025 19:44

Tgt Ion: 95 Resp: 73745
Ion Ratio Lower Upper
95 100
174 87.9 0.0 160.0
176 85.2 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: VY021041.D

Acq: 03 Feb 2025 19:44

Instrument :

MSVOA_Y

ClientSampleId :

JPP-2.1-012725

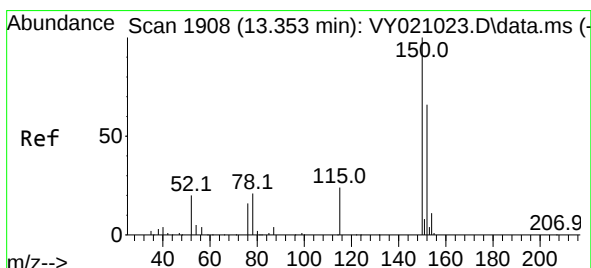
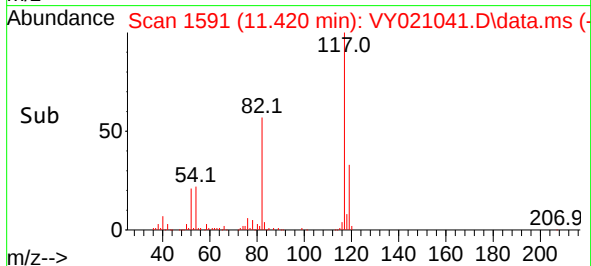
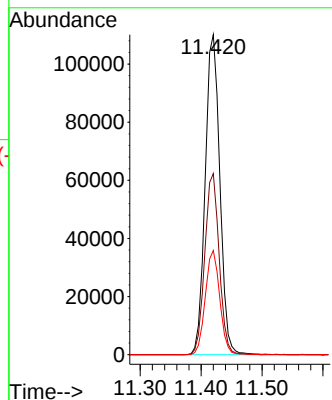
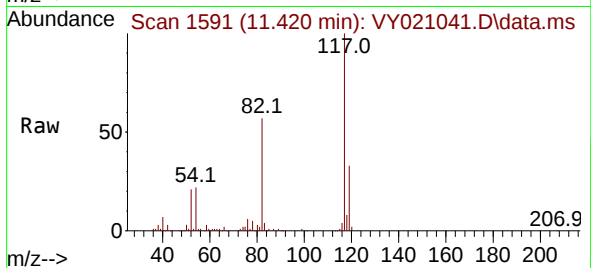
Tgt Ion:117 Resp: 183953

Ion Ratio Lower Upper

117 100

82 56.6 43.8 65.8

119 32.6 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021041.D

Acq: 03 Feb 2025 19:44

Tgt Ion:152 Resp: 69823

Ion Ratio Lower Upper

152 100

115 58.3 30.0 90.0

150 156.8 0.0 344.6

