

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020525\
 Data File : VY021079.D
 Acq On : 05 Feb 2025 11:30
 Operator : SY/MD
 Sample : Q1269-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-231

Quant Time: Feb 05 13:31:24 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	7.713	168	23577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	34167	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	26397	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	6528	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	10953	45.342	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.680%
35) Dibromofluoromethane	7.646	113	11848	54.109	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.220%
50) Toluene-d8	10.115	98	39301	47.145	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.300%
62) 4-Bromofluorobenzene	12.414	95	8647	31.751	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	63.500%

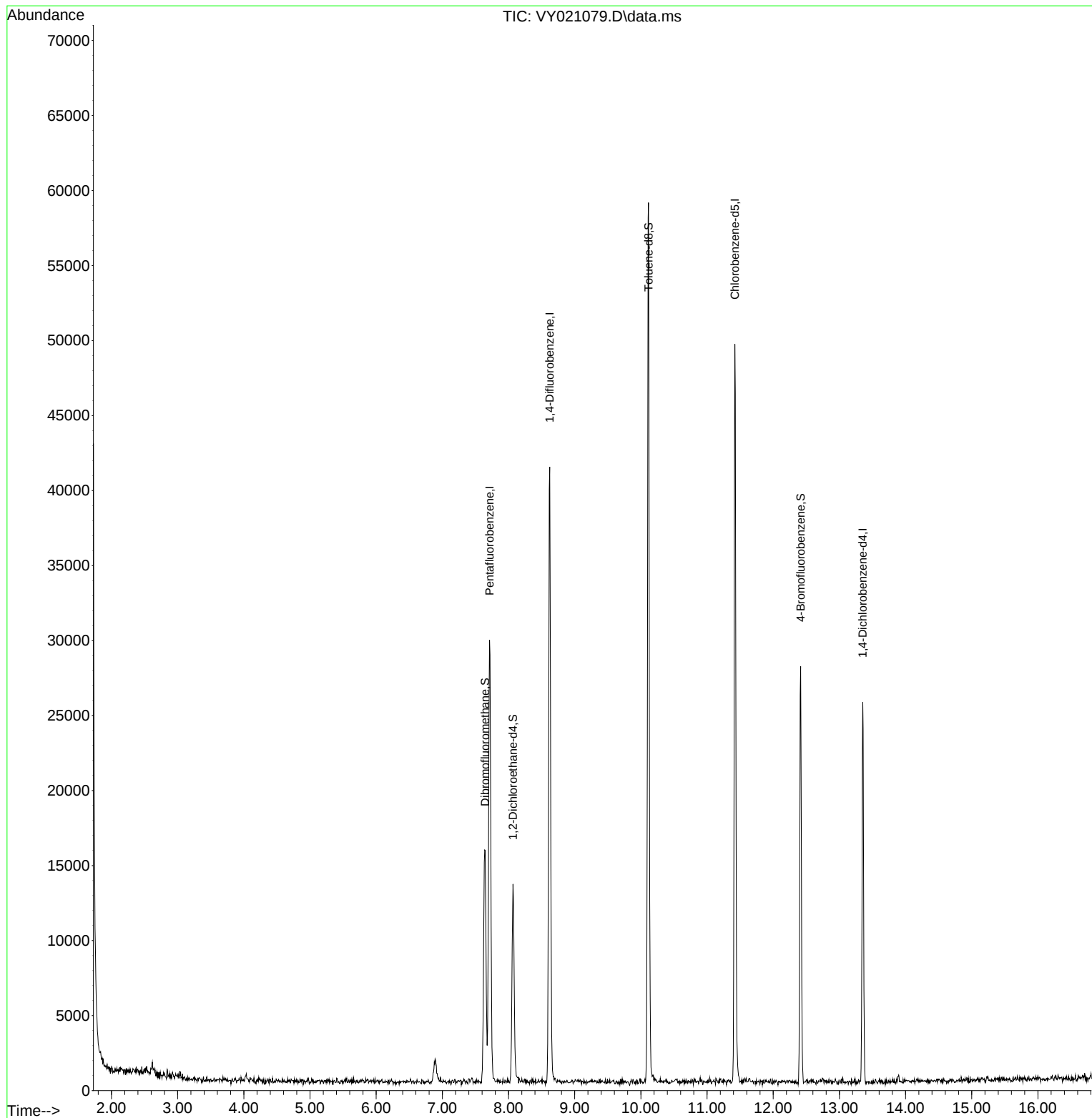
Target Compounds	Qvalue

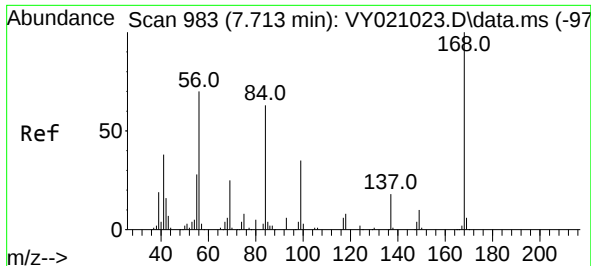
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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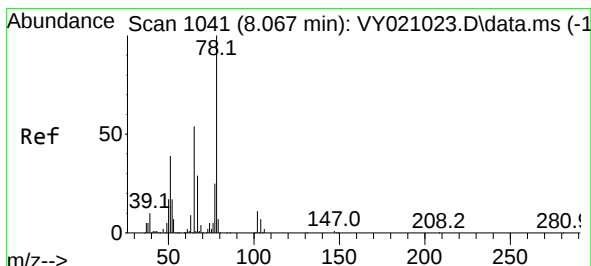
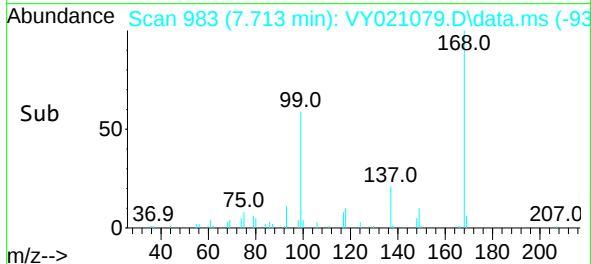
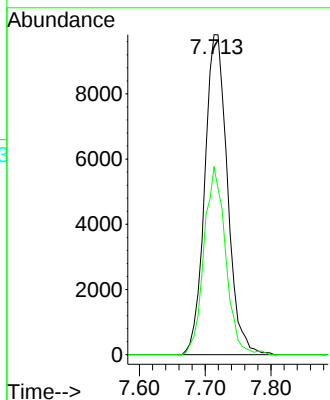
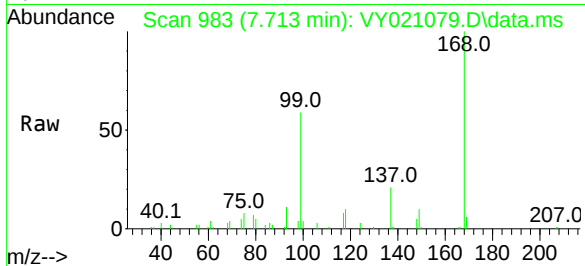




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY021079.D
Acq: 05 Feb 2025 11:30

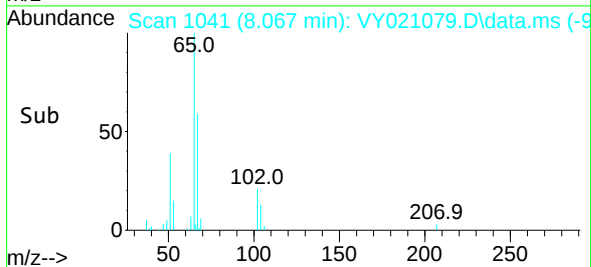
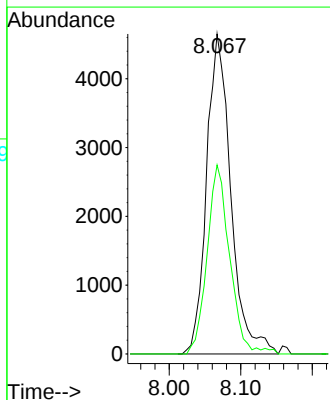
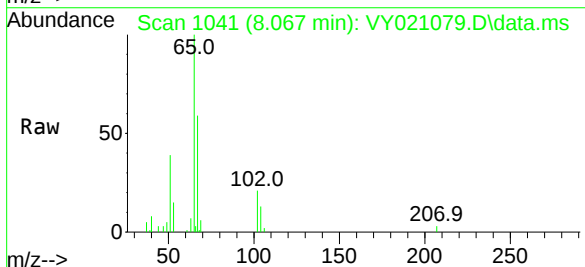
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-231

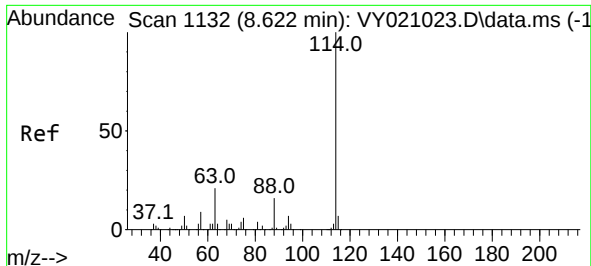
Tgt Ion:168 Resp: 23577
Ion Ratio Lower Upper
168 100
99 58.6 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 45.342 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021079.D
Acq: 05 Feb 2025 11:30

Tgt Ion: 65 Resp: 10953
Ion Ratio Lower Upper
65 100
67 55.1 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021079.D

Acq: 05 Feb 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-231

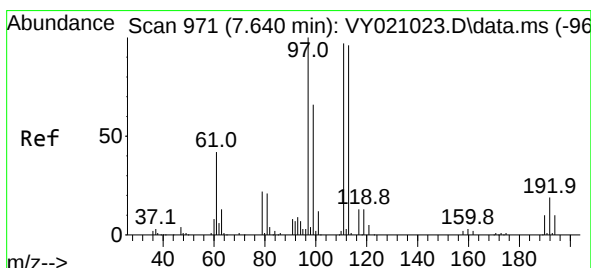
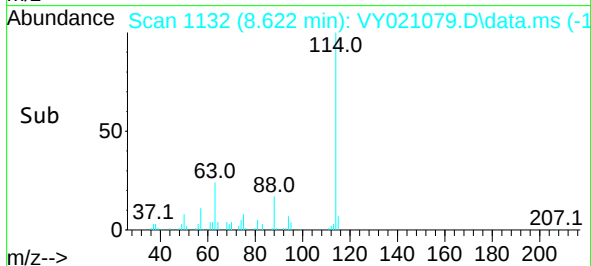
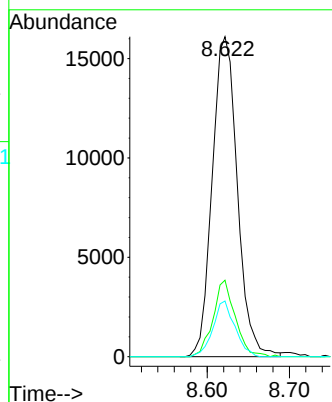
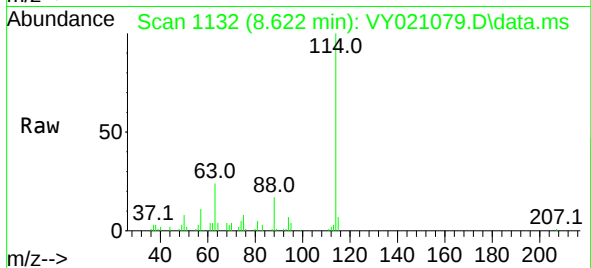
Tgt Ion:114 Resp: 34167

Ion Ratio Lower Upper

114 100

63 23.9 0.0 37.4

88 17.4 0.0 29.0



#35

Dibromofluoromethane

Concen: 54.109 ug/l

RT: 7.646 min Scan# 972

Delta R.T. 0.006 min

Lab File: VY021079.D

Acq: 05 Feb 2025 11:30

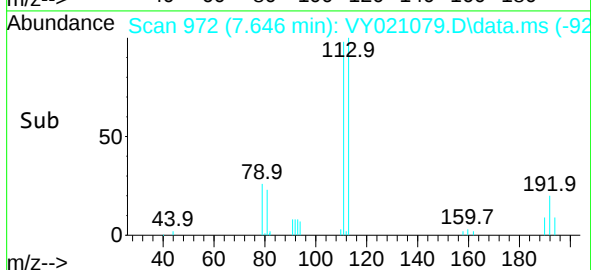
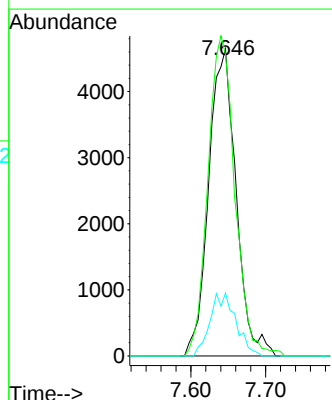
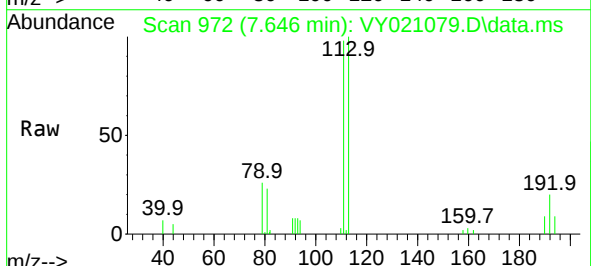
Tgt Ion:113 Resp: 11848

Ion Ratio Lower Upper

113 100

111 102.4 83.8 125.6

192 19.3 14.5 21.7

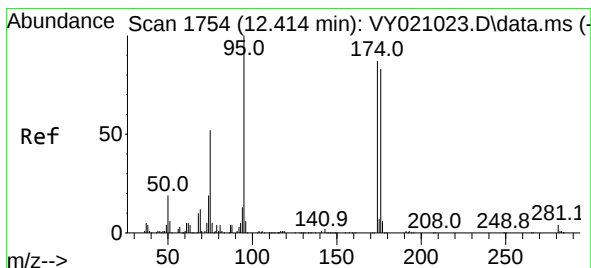
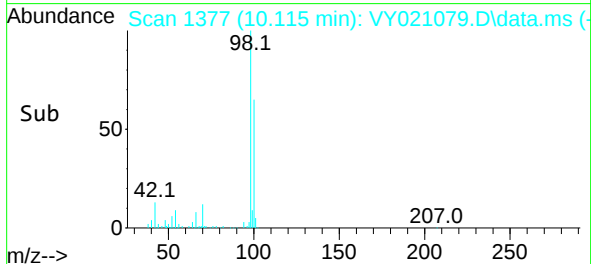
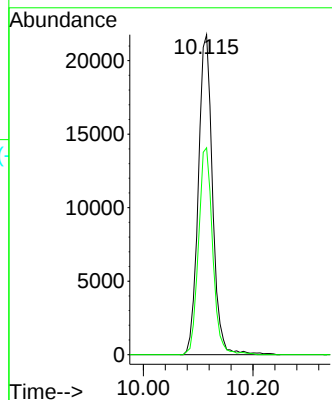
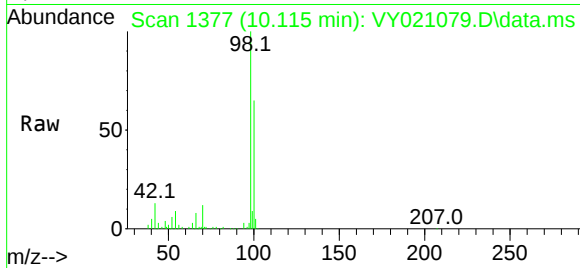




#50
Toluene-d8
Concen: 47.145 ug/l
RT: 10.115 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY021079.D
Acq: 05 Feb 2025 11:30

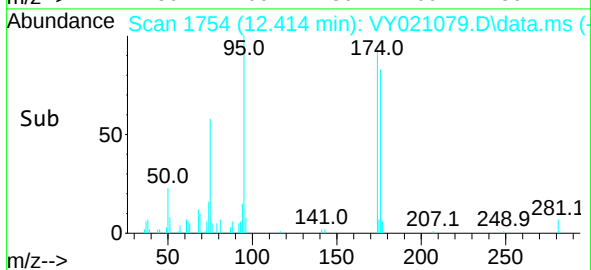
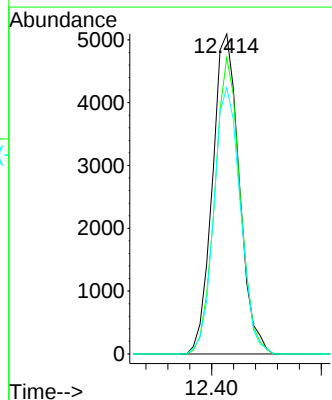
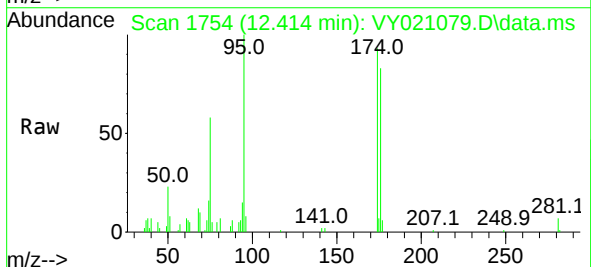
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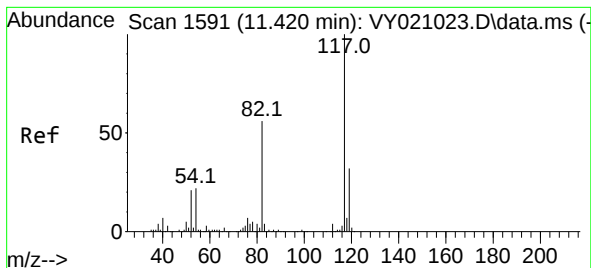
Tgt Ion: 98 Resp: 39301
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 31.751 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021079.D
Acq: 05 Feb 2025 11:30

Tgt Ion: 95 Resp: 8647
Ion Ratio Lower Upper
95 100
174 87.5 0.0 160.0
176 82.5 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: VY021079.D

Acq: 05 Feb 2025 11:30

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-231

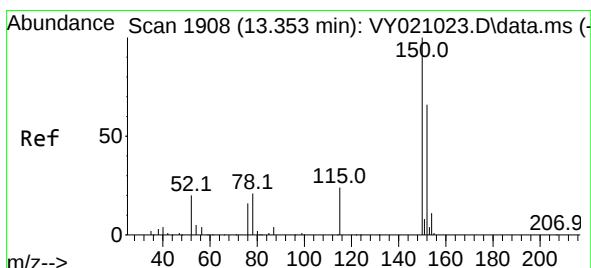
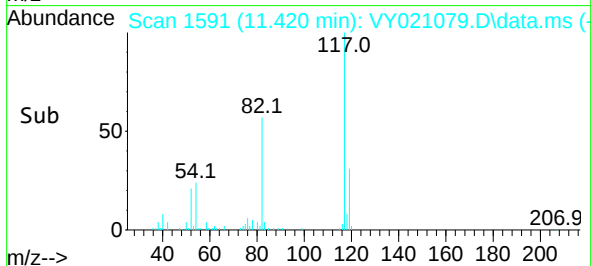
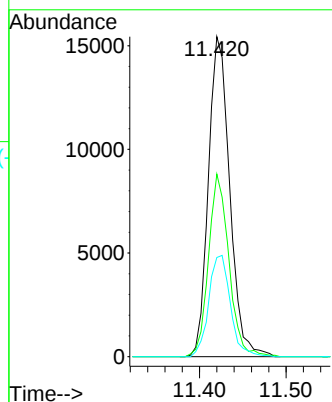
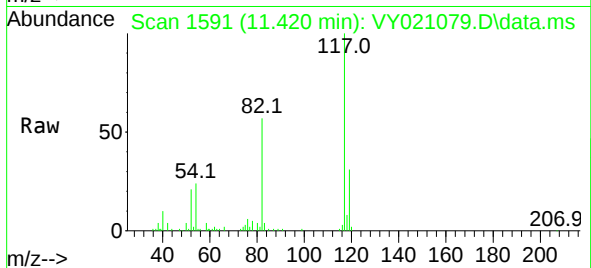
Tgt Ion:117 Resp: 26397

Ion Ratio Lower Upper

117 100

82 57.1 43.8 65.8

119 31.0 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: VY021079.D

Acq: 05 Feb 2025 11:30

Tgt Ion:152 Resp: 6528

Ion Ratio Lower Upper

152 100

115 61.7 30.0 90.0

150 158.1 0.0 344.6

