

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020525\
 Data File : VY021080.D
 Acq On : 05 Feb 2025 11:54
 Operator : SY/MD
 Sample : Q1262-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-371

Quant Time: Feb 05 13:37:56 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	7.719	168	31906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	54279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	46399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	13914	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	19903	60.884	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.760%
35) Dibromofluoromethane	7.640	113	19989	57.463	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.920%
50) Toluene-d8	10.115	98	62427	47.139	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.280%
62) 4-Bromofluorobenzene	12.414	95	16127	37.275	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	74.560%

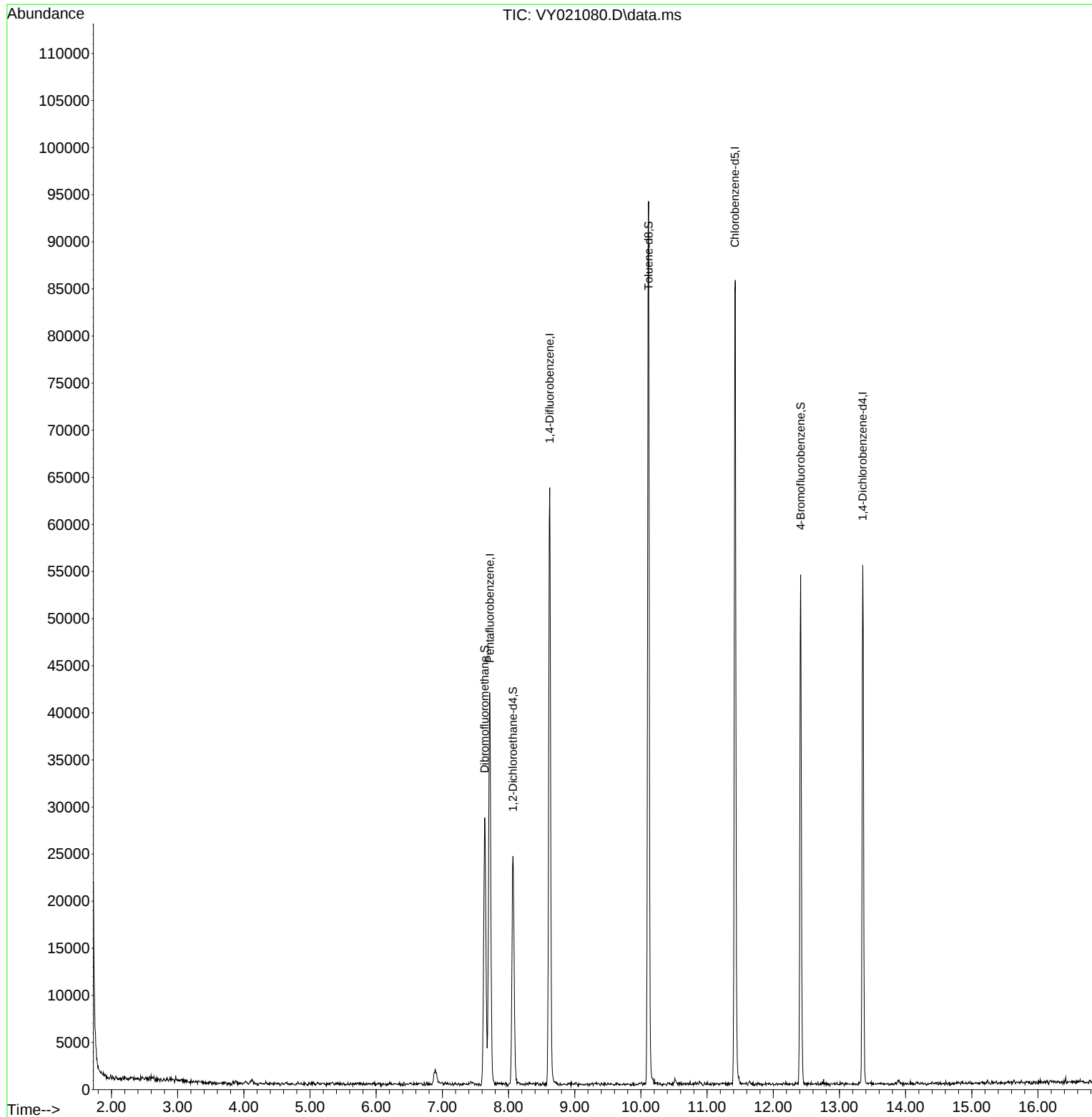
Target Compounds	Qvalue

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

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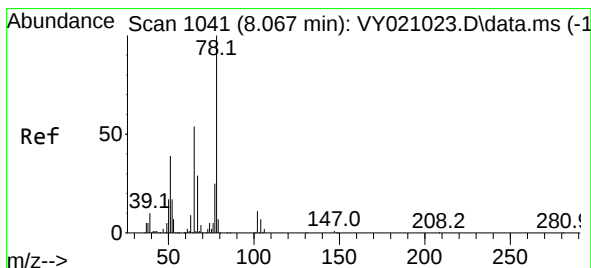
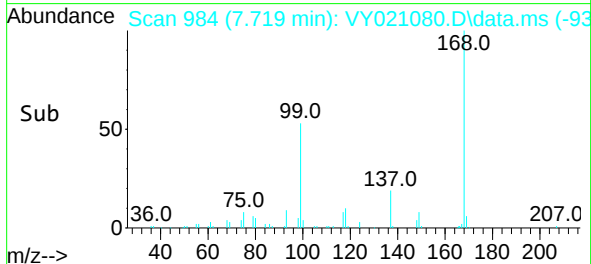
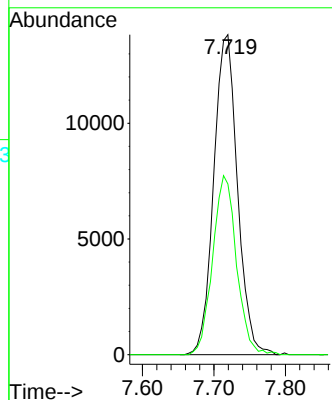
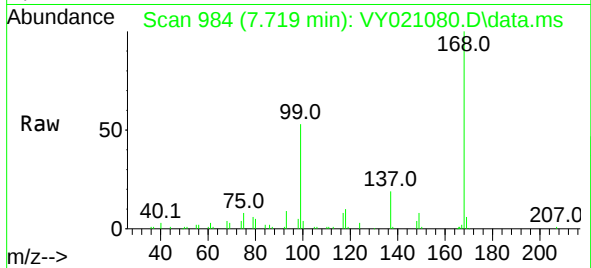




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021080.D
Acq: 05 Feb 2025 11:54

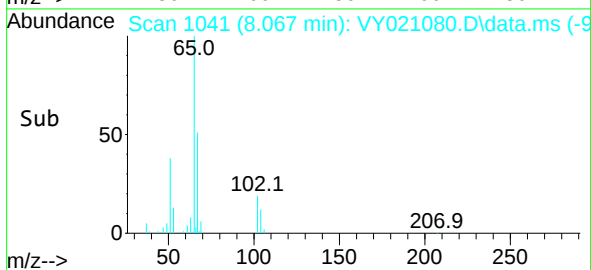
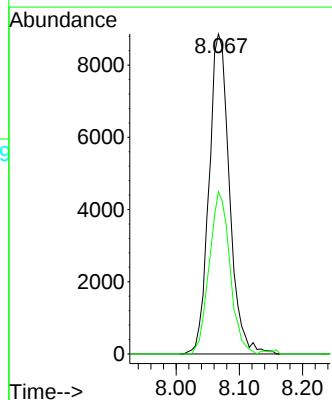
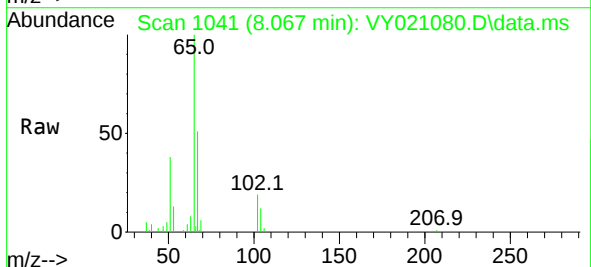
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-371

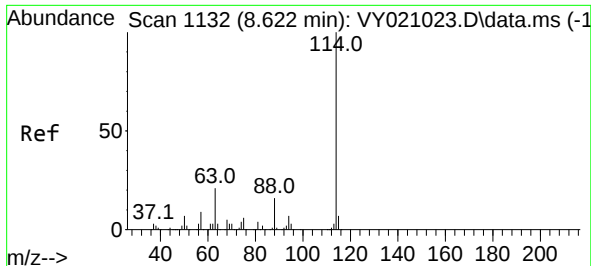
Tgt Ion:168 Resp: 31906
Ion Ratio Lower Upper
168 100
99 53.3 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 60.884 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021080.D
Acq: 05 Feb 2025 11:54

Tgt Ion: 65 Resp: 19903
Ion Ratio Lower Upper
65 100
67 51.2 0.0 109.0

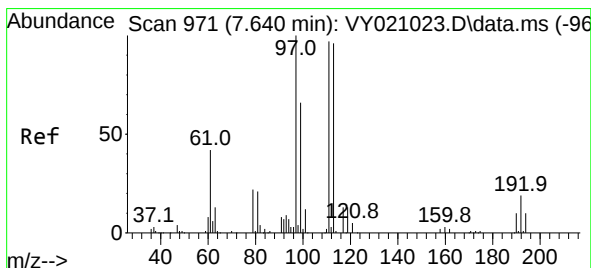
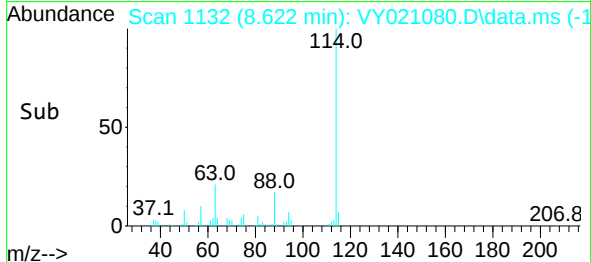
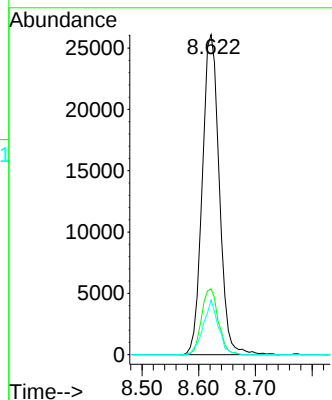
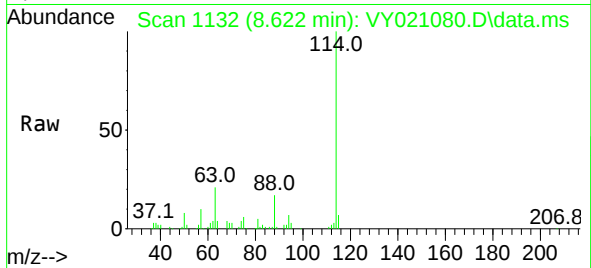




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.622 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VY021080.D
Acq: 05 Feb 2025 11:54

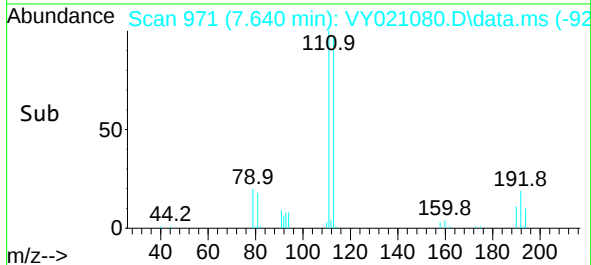
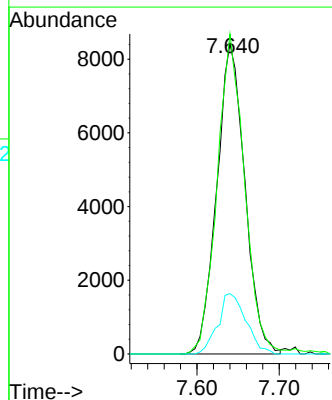
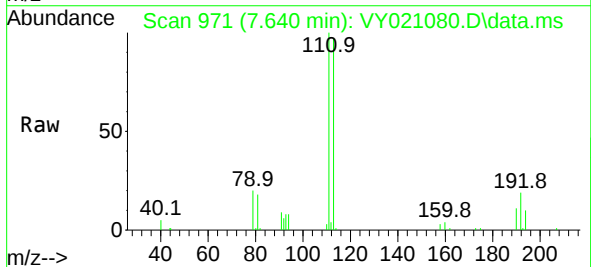
Instrument :
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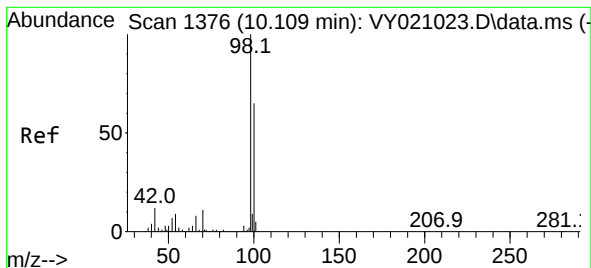
Tgt Ion:114 Resp: 54279
Ion Ratio Lower Upper
114 100
63 20.6 0.0 37.4
88 17.1 0.0 29.0



#35
Dibromofluoromethane
Concen: 57.463 ug/l
RT: 7.640 min Scan# 971
Delta R.T. -0.000 min
Lab File: VY021080.D
Acq: 05 Feb 2025 11:54

Tgt Ion:113 Resp: 19989
Ion Ratio Lower Upper
113 100
111 100.6 83.8 125.6
192 19.4 14.5 21.7





#50

Toluene-d8

Concen: 47.139 ug/l

RT: 10.115 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY021080.D

Acq: 05 Feb 2025 11:54

Instrument :

MSVOA_Y

ClientSampleId :

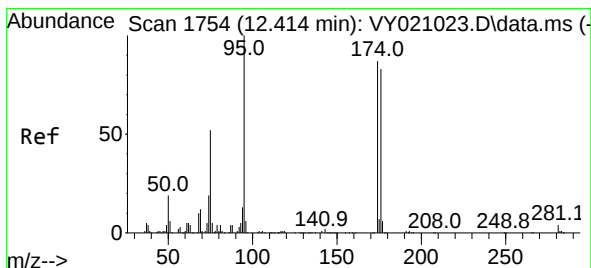
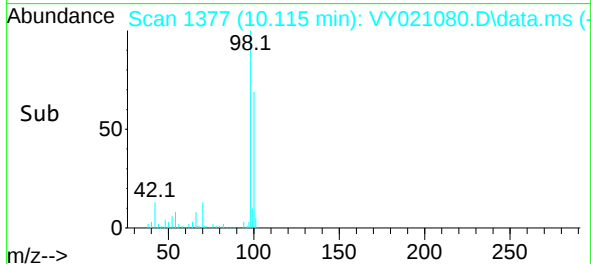
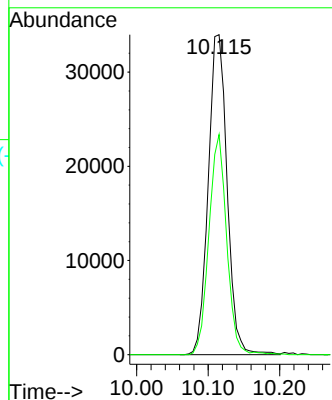
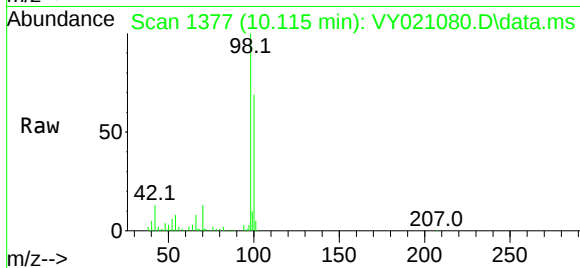
ETGI-371

Tgt Ion: 98 Resp: 62427

Ion Ratio Lower Upper

98 100

100 64.7 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 37.275 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.000 min

Lab File: VY021080.D

Acq: 05 Feb 2025 11:54

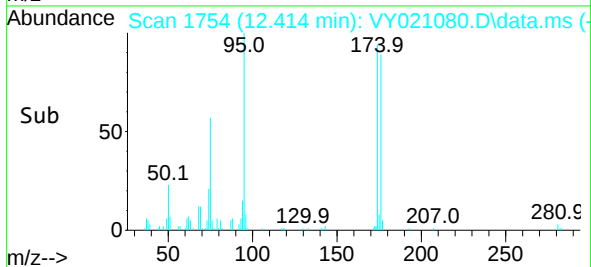
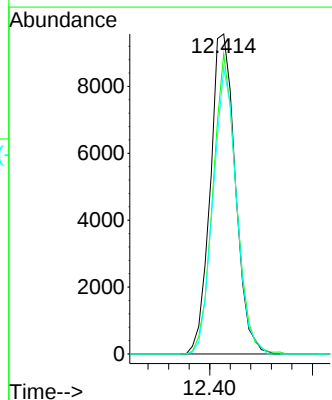
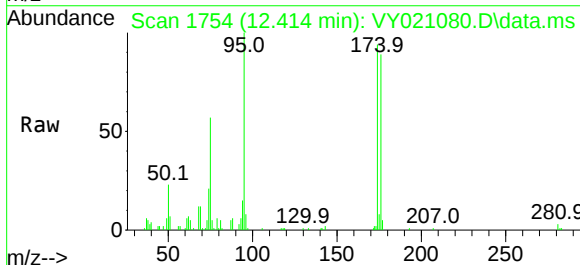
Tgt Ion: 95 Resp: 16127

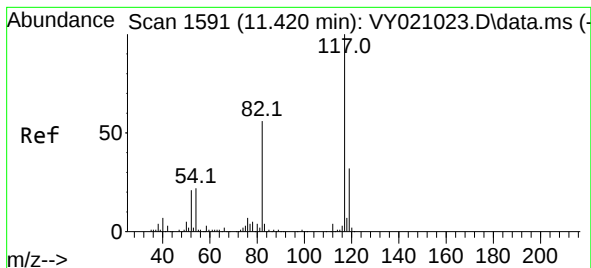
Ion Ratio Lower Upper

95 100

174 87.2 0.0 160.0

176 83.7 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: VY021080.D

Acq: 05 Feb 2025 11:54

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-371

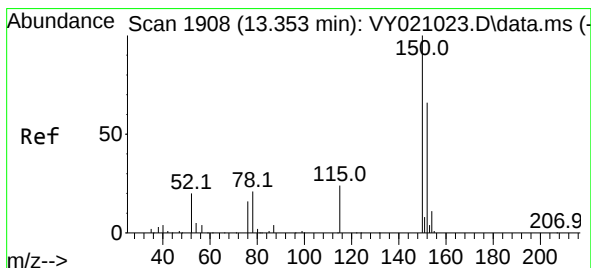
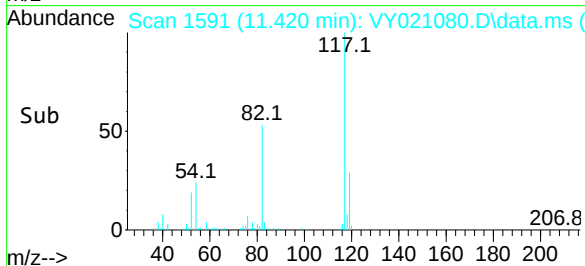
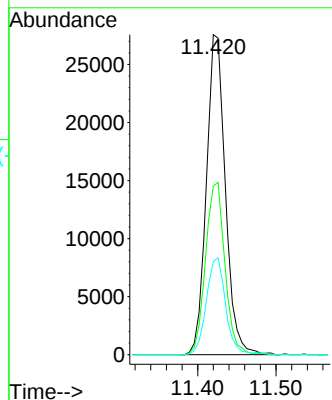
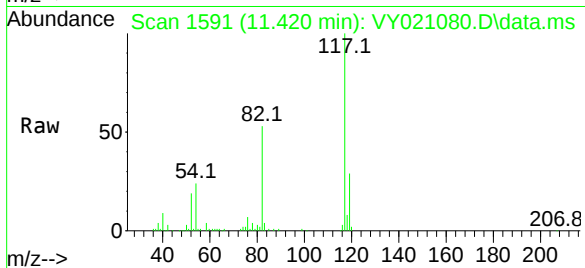
Tgt Ion:117 Resp: 46399

Ion Ratio Lower Upper

117 100

82 52.7 43.8 65.8

119 29.1 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: VY021080.D

Acq: 05 Feb 2025 11:54

Tgt Ion:152 Resp: 13914

Ion Ratio Lower Upper

152 100

115 56.4 30.0 90.0

150 154.7 0.0 344.6

