

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041125\
 Data File : VY021851.D
 Acq On : 11 Apr 2025 11:35
 Operator : SY/MD
 Sample : VY0411SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0411SBL01

Quant Time: Apr 12 02:45:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	321354	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	579974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	477999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	174550	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	163798	47.044	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.080%
35) Dibromofluoromethane	7.634	113	185078	49.194	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.380%
50) Toluene-d8	10.109	98	678908	47.435	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.860%
62) 4-Bromofluorobenzene	12.407	95	189286	39.099	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.200%

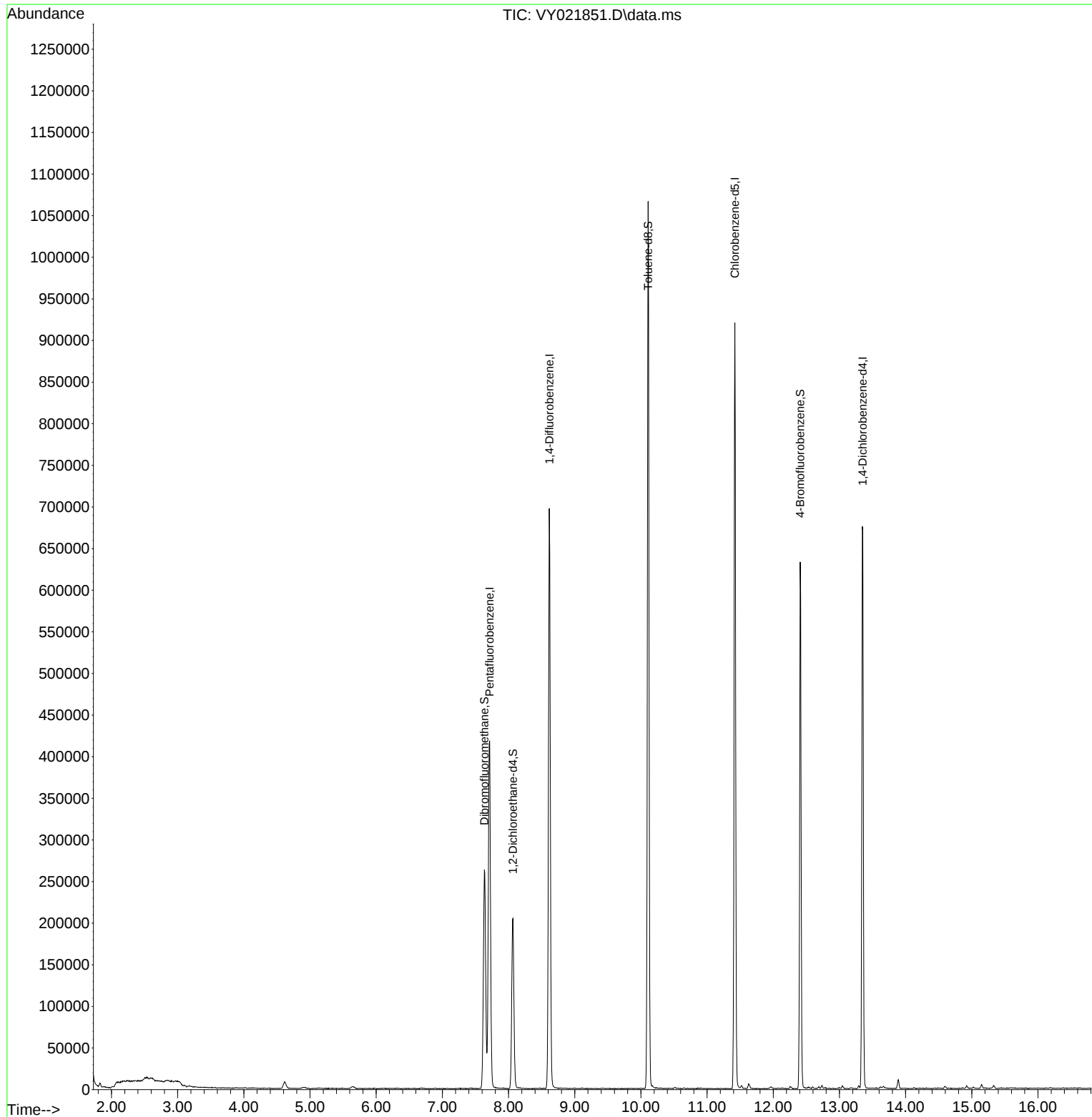
Target Compounds	Qvalue

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

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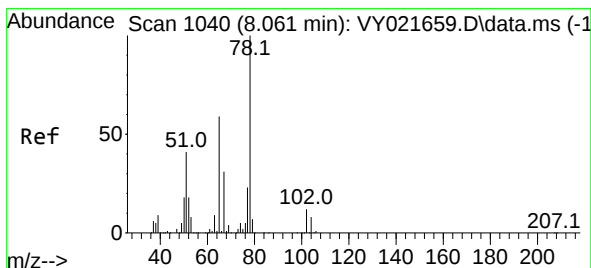
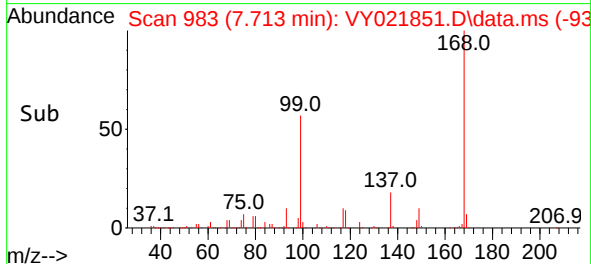
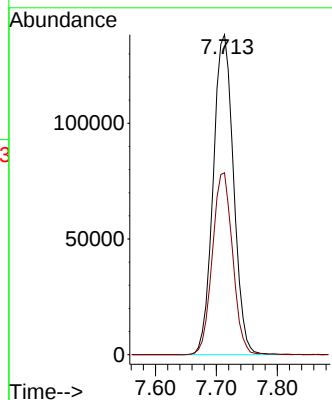
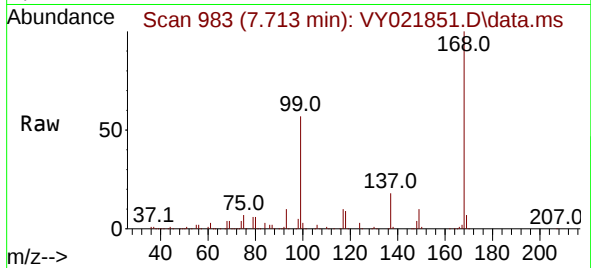




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY021851.D
Acq: 11 Apr 2025 11:35

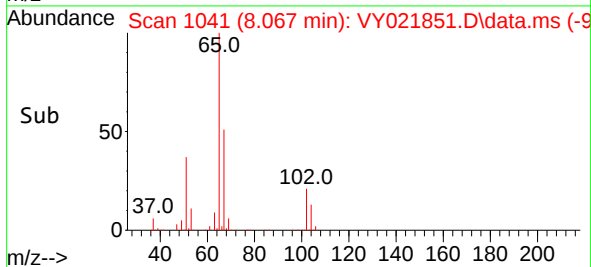
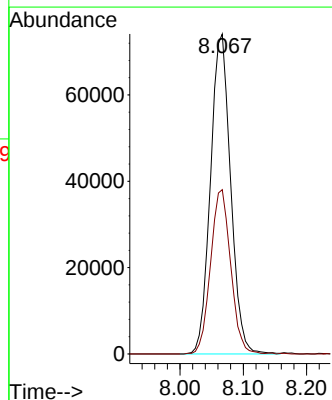
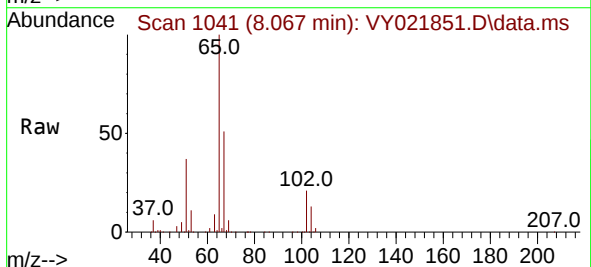
Instrument :
MSVOA_Y
ClientSampleId :
VY0411SBL01

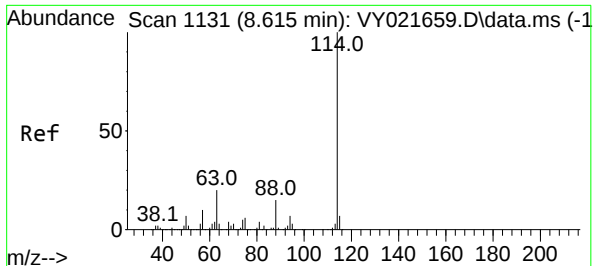
Tgt Ion:168 Resp: 321354
Ion Ratio Lower Upper
168 100
99 56.8 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 47.044 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY021851.D
Acq: 11 Apr 2025 11:35

Tgt Ion: 65 Resp: 163798
Ion Ratio Lower Upper
65 100
67 51.2 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY021851.D

Acq: 11 Apr 2025 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBL01

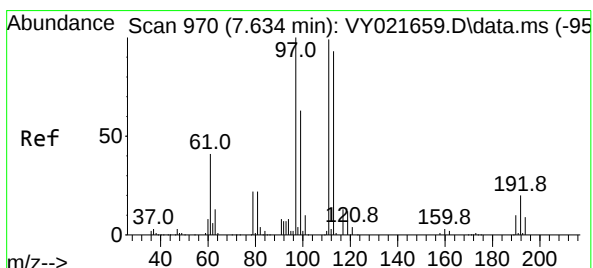
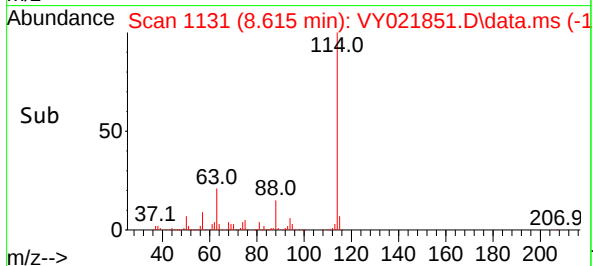
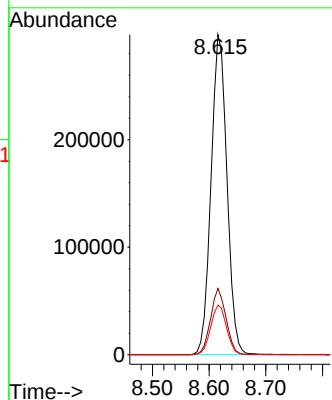
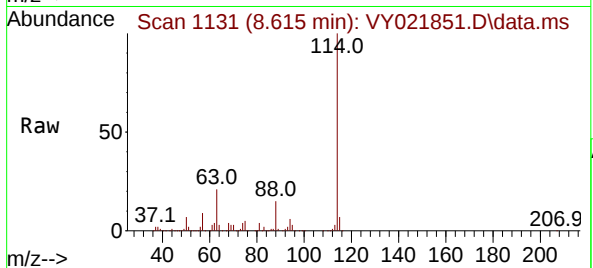
Tgt Ion:114 Resp: 579974

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.2

88 15.5 0.0 29.8



#35

Dibromofluoromethane

Concen: 49.194 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY021851.D

Acq: 11 Apr 2025 11:35

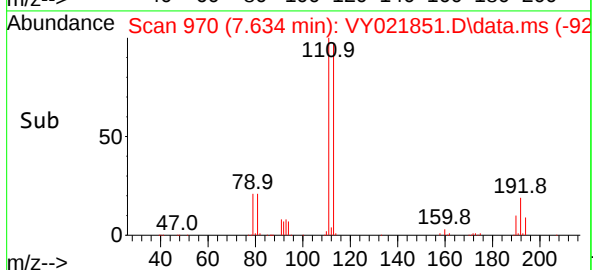
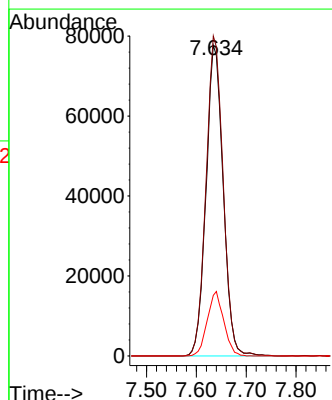
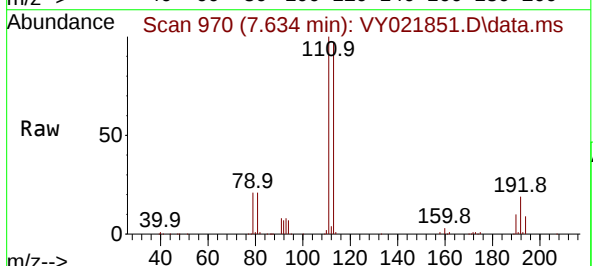
Tgt Ion:113 Resp: 185078

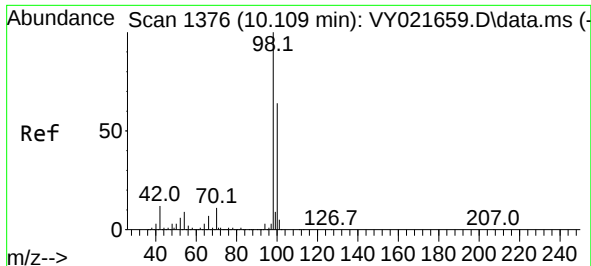
Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

192 20.0 16.2 24.4

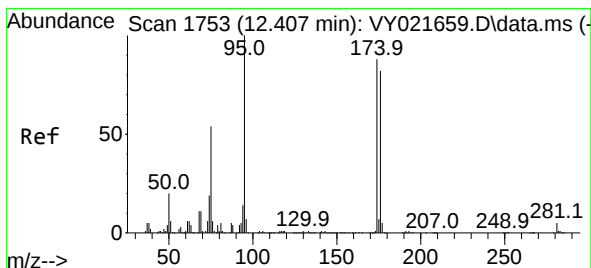
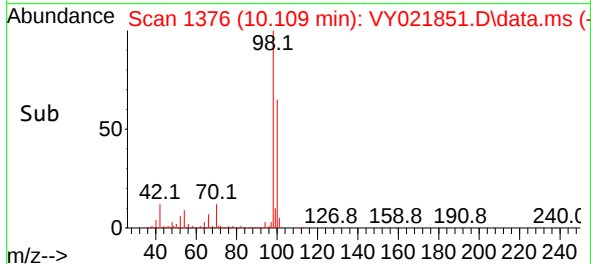
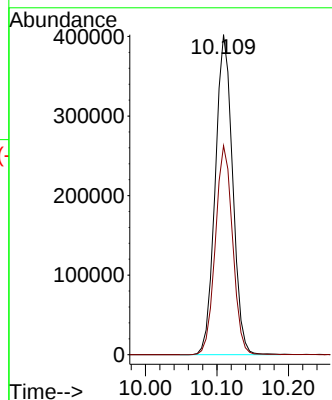
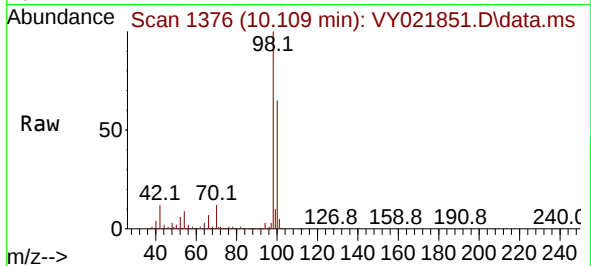




#50
Toluene-d8
Concen: 47.435 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY021851.D
Acq: 11 Apr 2025 11:35

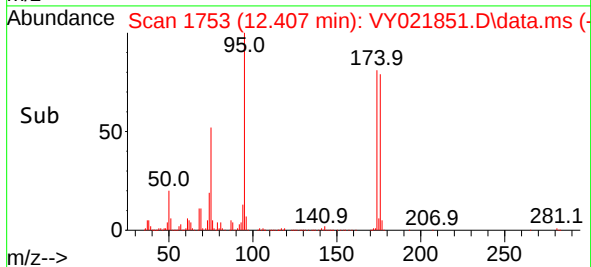
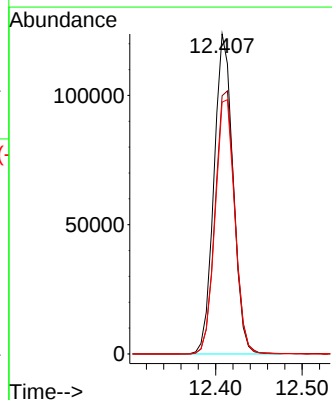
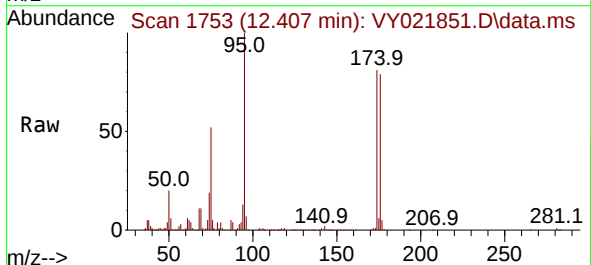
Instrument :
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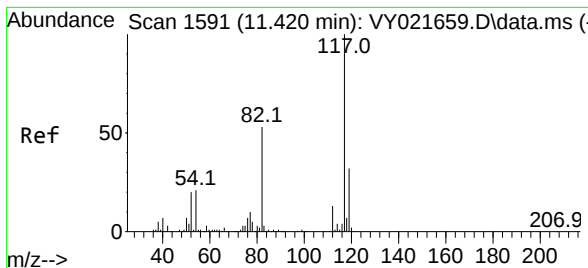
Tgt Ion: 98 Resp: 678908
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 39.099 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021851.D
Acq: 11 Apr 2025 11:35

Tgt Ion: 95 Resp: 189286
Ion Ratio Lower Upper
95 100
174 84.8 0.0 170.8
176 81.7 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021851.D

Acq: 11 Apr 2025 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0411SBL01

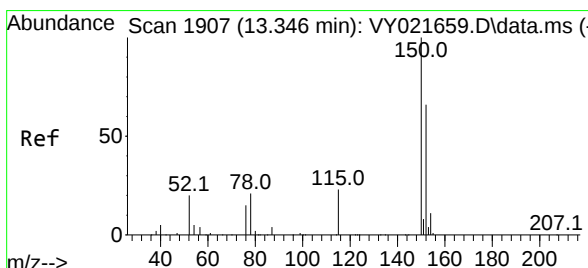
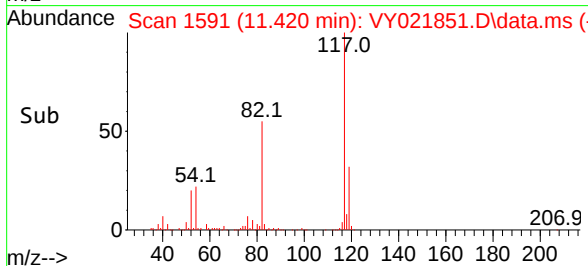
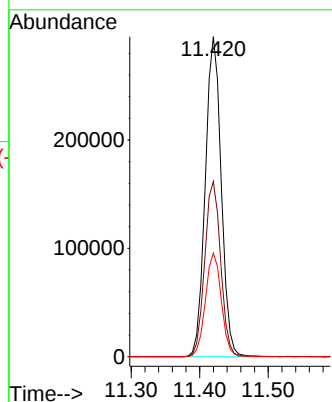
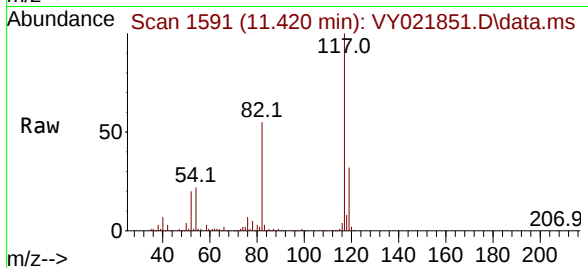
Tgt Ion:117 Resp: 477999

Ion Ratio Lower Upper

117 100

82 54.8 42.8 64.2

119 32.3 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY021851.D

Acq: 11 Apr 2025 11:35

Tgt Ion:152 Resp: 174550

Ion Ratio Lower Upper

152 100

115 57.2 28.8 86.5

150 155.5 0.0 348.4

