

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061825\
 Data File : VY022732.D
 Acq On : 18 Jun 2025 11:52
 Operator : SY/MD
 Sample : Q2338-01RE
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-03-061625RE

Quant Time: Jun 19 03:59:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	17034	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	27177	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	17922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	4868	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	7781	40.842	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.680%
35) Dibromofluoromethane	7.634	113	8472	52.227	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.460%
50) Toluene-d8	10.109	98	30906	47.152	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.300%
62) 4-Bromofluorobenzene	12.408	95	5873	30.073	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	60.140%

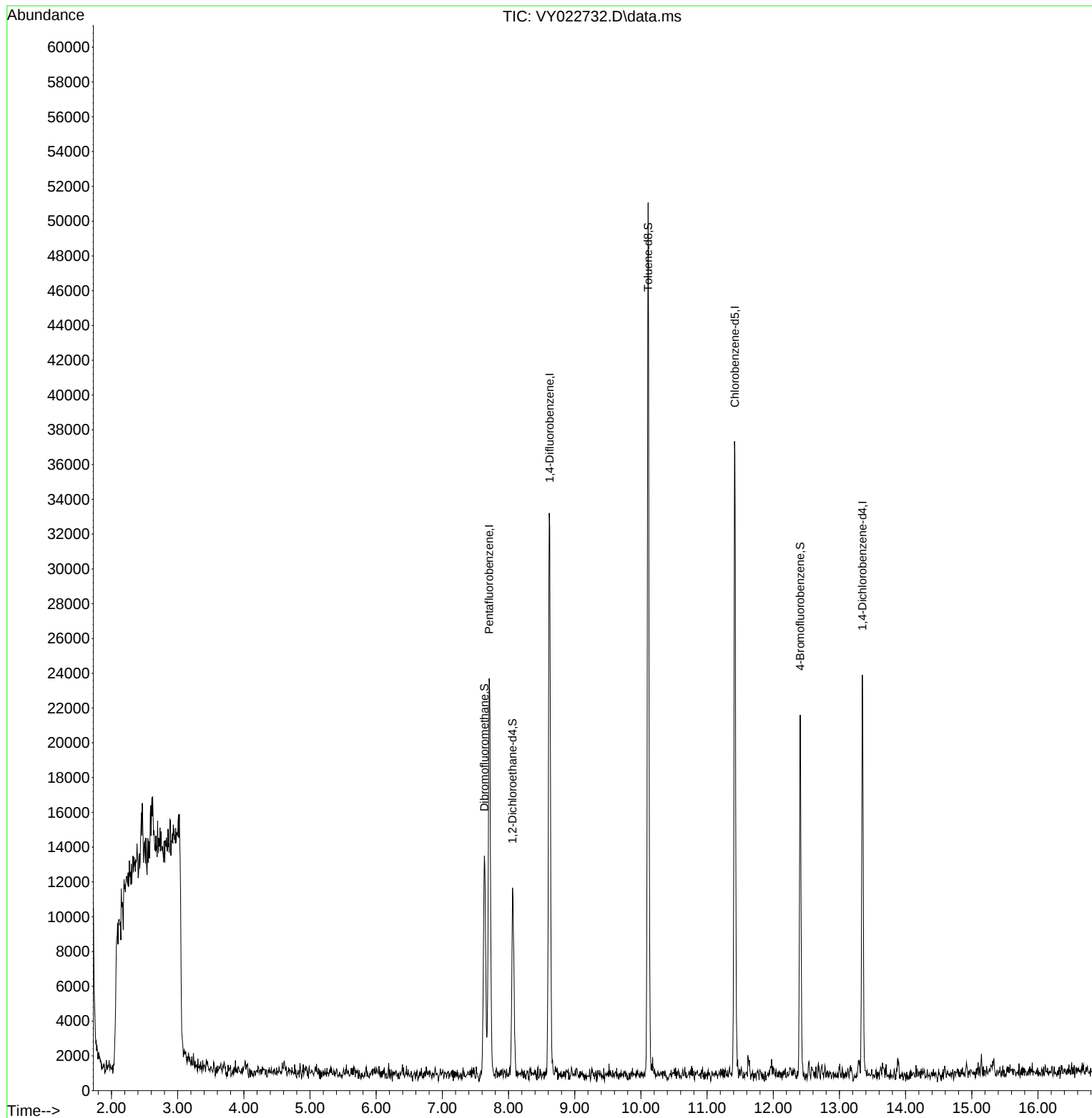
Target Compounds	Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061825\
Data File : VY022732.D
Acq On : 18 Jun 2025 11:52
Operator : SY/MD
Sample : Q2338-01RE
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/B
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
OK-03-061625RE

Quant Time: Jun 19 03:59:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

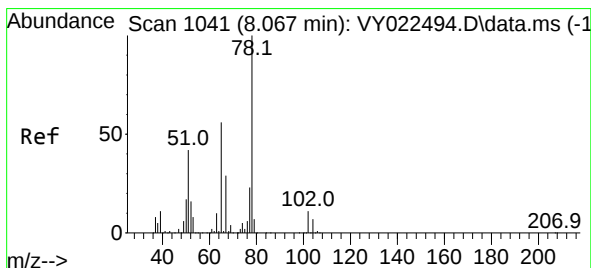
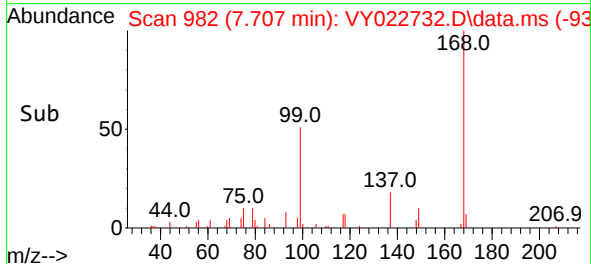
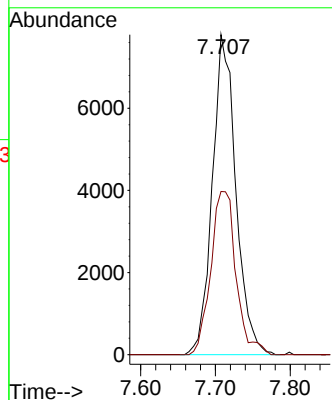
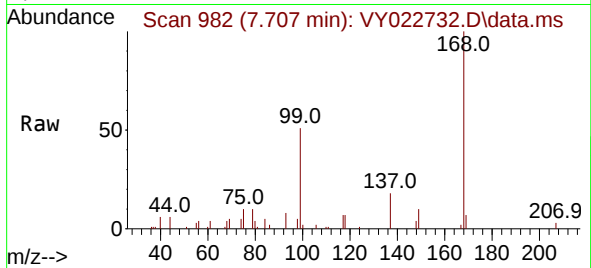




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022732.D
Acq: 18 Jun 2025 11:52

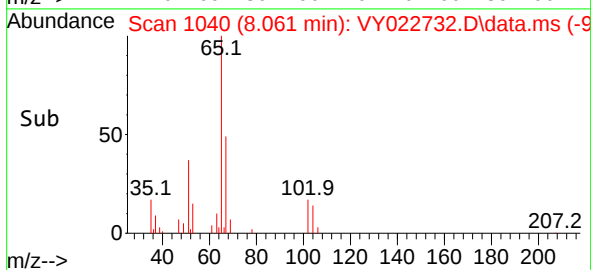
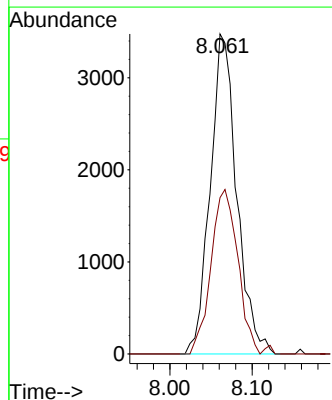
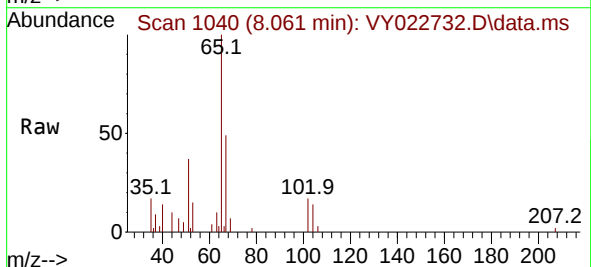
Instrument :
MSVOA_Y
ClientSampleId :
OK-03-061625RE

Tgt Ion:168 Resp: 17034
Ion Ratio Lower Upper
168 100
99 51.0 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 40.842 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022732.D
Acq: 18 Jun 2025 11:52

Tgt Ion: 65 Resp: 7781
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VY022732.D

Acq: 18 Jun 2025 11:52

Instrument :

MSVOA_Y

ClientSampleId :

OK-03-061625RE

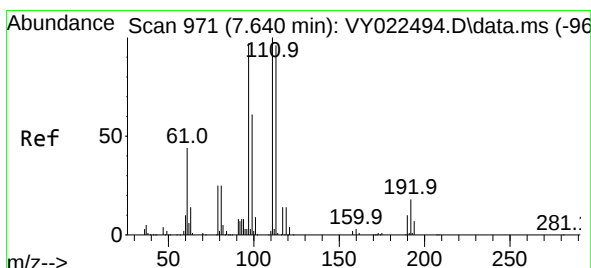
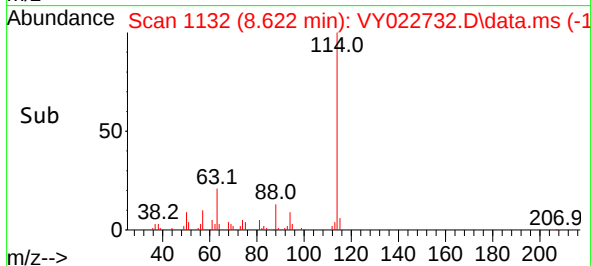
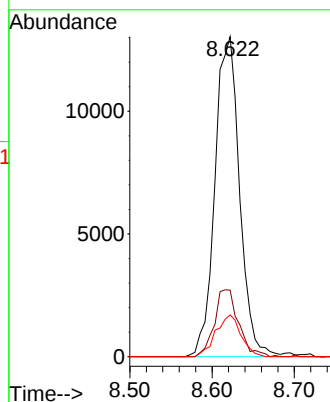
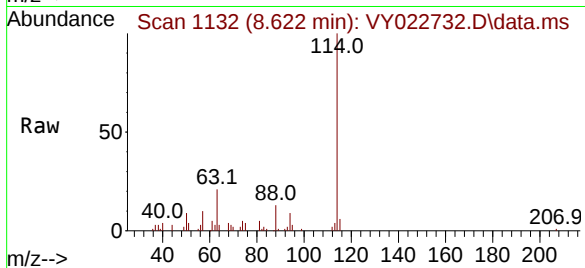
Tgt Ion:114 Resp: 27177

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.8

88 13.1 0.0 27.8



#35

Dibromofluoromethane

Concen: 52.227 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY022732.D

Acq: 18 Jun 2025 11:52

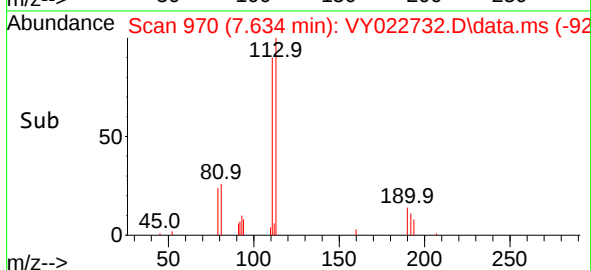
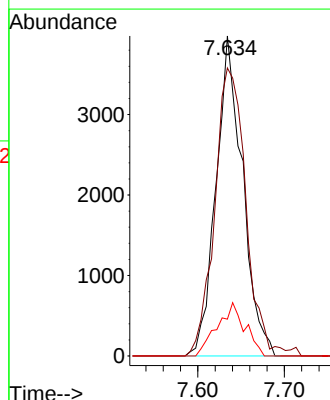
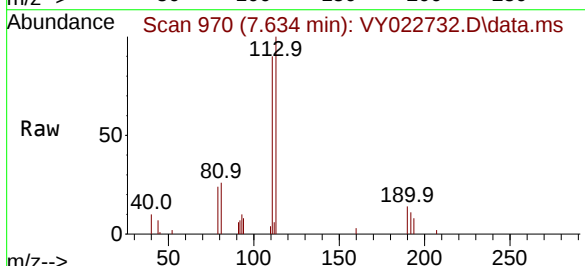
Tgt Ion:113 Resp: 8472

Ion Ratio Lower Upper

113 100

111 106.0 81.1 121.7

192 17.3 14.2 21.2

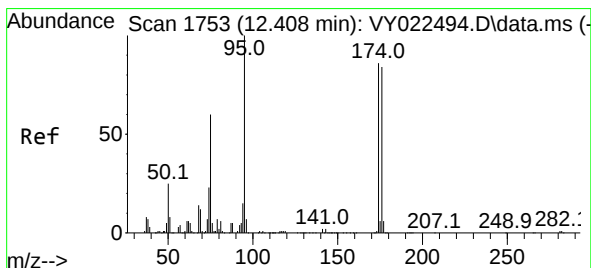
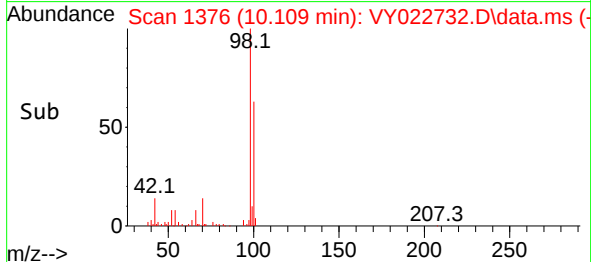
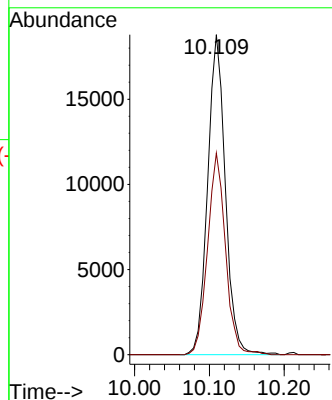
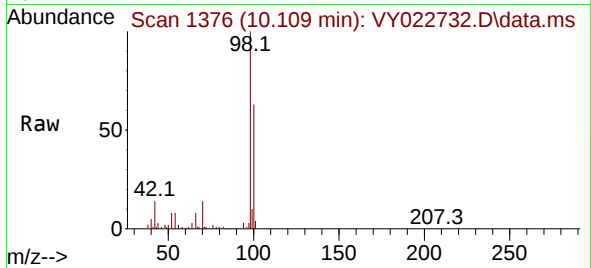




#50
Toluene-d8
Concen: 47.152 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY022732.D
Acq: 18 Jun 2025 11:52

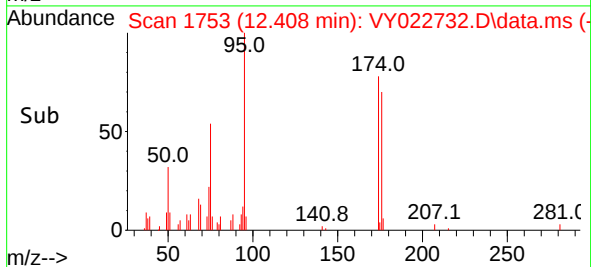
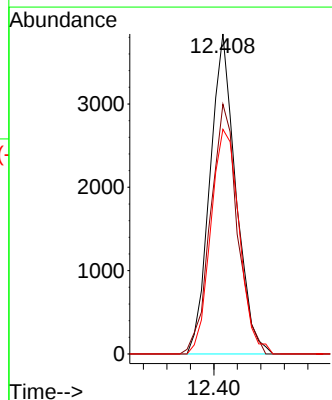
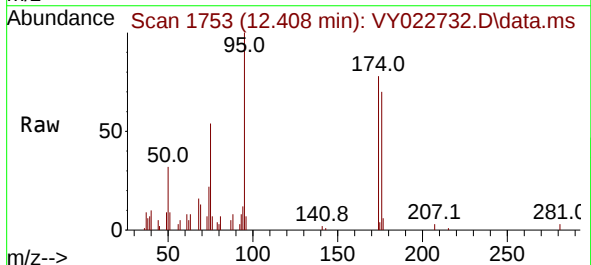
Instrument :
MSVOA_Y
ClientSampleId :
OK-03-061625RE

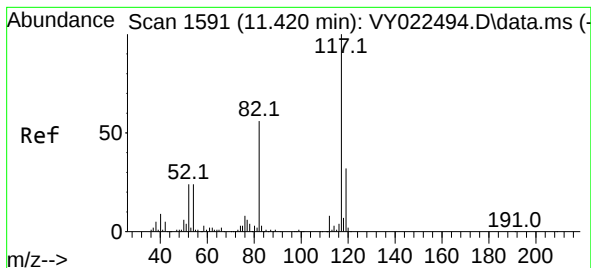
Tgt Ion: 98 Resp: 30906
Ion Ratio Lower Upper
98 100
100 63.9 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 30.073 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022732.D
Acq: 18 Jun 2025 11:52

Tgt Ion: 95 Resp: 5873
Ion Ratio Lower Upper
95 100
174 81.3 0.0 170.0
176 77.2 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022732.D

Acq: 18 Jun 2025 11:52

Instrument :

MSVOA_Y

ClientSampleId :

OK-03-061625RE

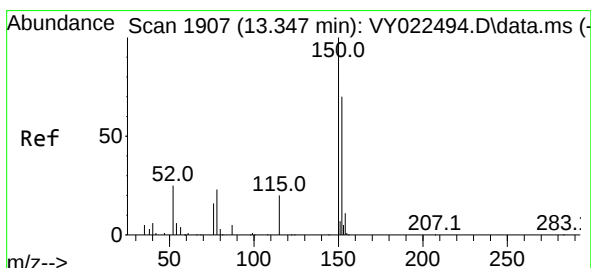
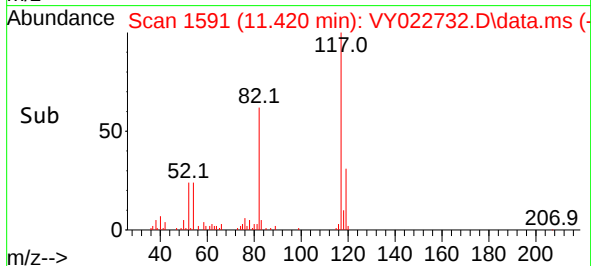
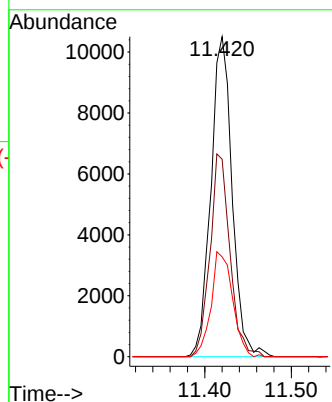
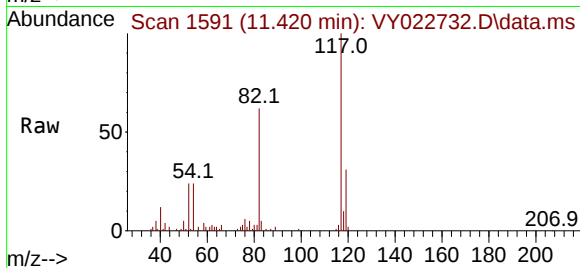
Tgt Ion:117 Resp: 17922

Ion Ratio Lower Upper

117 100

82 61.7 44.6 66.8

119 31.2 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022732.D

Acq: 18 Jun 2025 11:52

Tgt Ion:152 Resp: 4868

Ion Ratio Lower Upper

152 100

115 65.6 28.9 86.7

150 168.6 0.0 349.6

