

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
 Data File : VY021720.D
 Acq On : 31 Mar 2025 15:25
 Operator : SY/MD
 Sample : Q1675-06
 Misc : 4.17g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P6

Quant Time: Apr 01 05:37:57 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	7.707	168	224475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	430734	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	421727	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	189318	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	133957	55.078	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.160%
35) Dibromofluoromethane	7.634	113	141873	50.776	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.560%
50) Toluene-d8	10.103	98	547563	51.513	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.020%
62) 4-Bromofluorobenzene	12.401	95	199630	55.523	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	111.040%

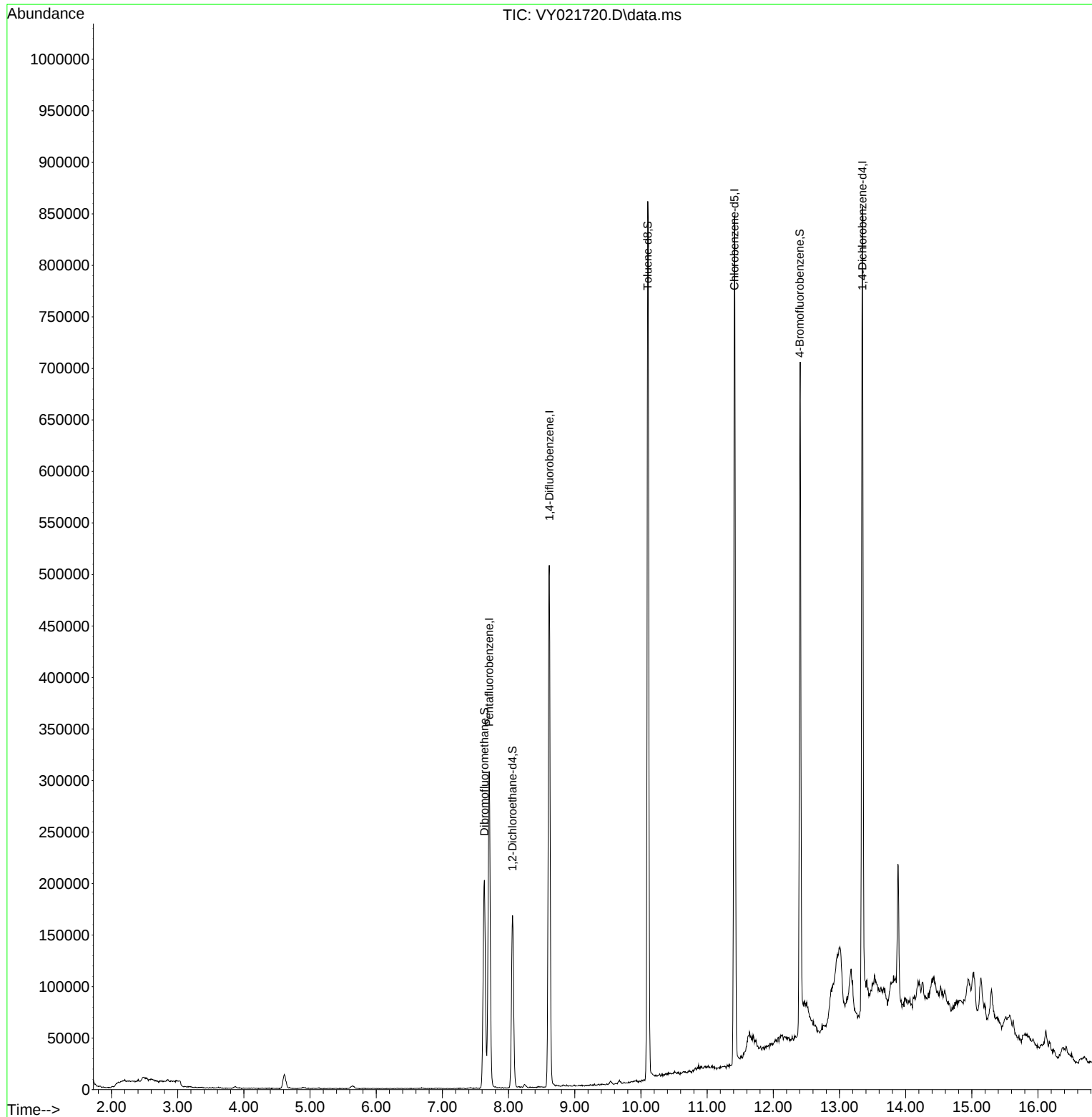
Target Compounds	Qvalue

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

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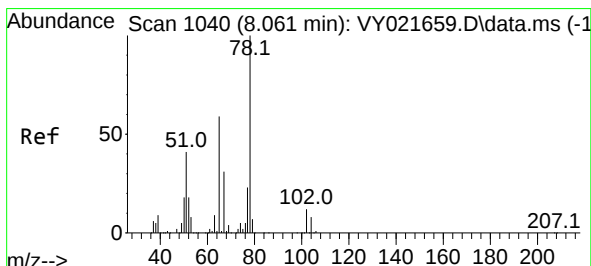
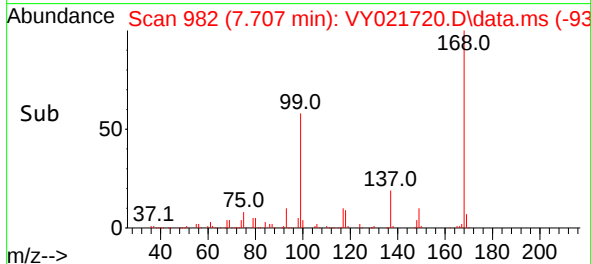
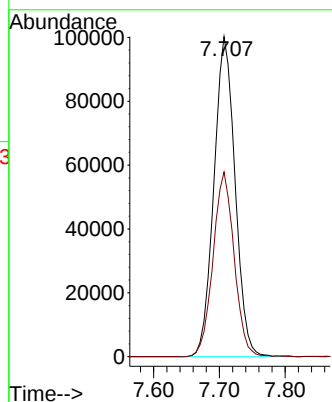
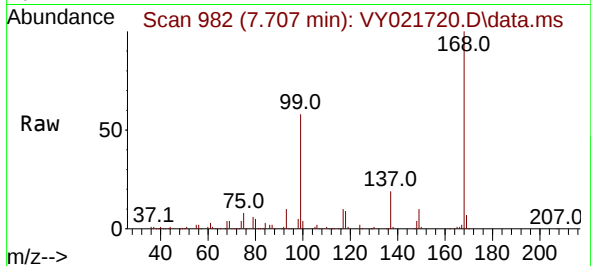




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021720.D
Acq: 31 Mar 2025 15:25

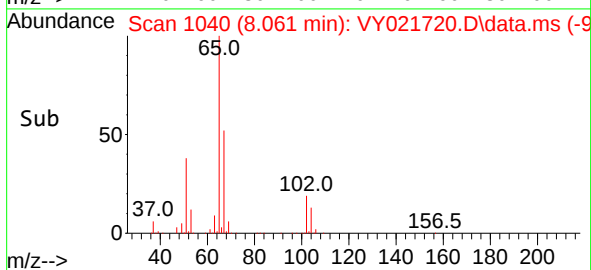
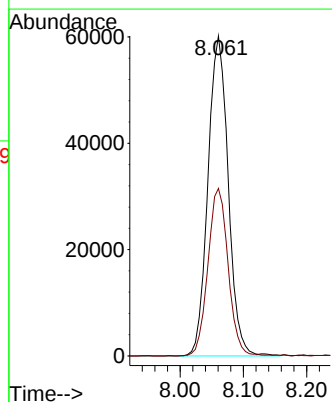
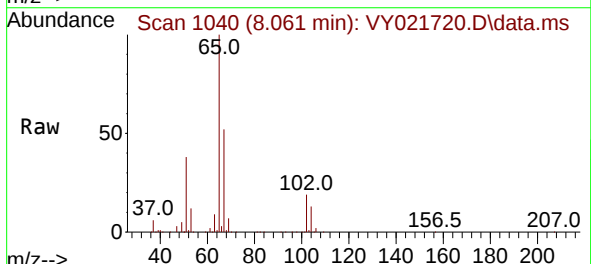
Instrument :
MSVOA_Y
ClientSampleId :
P6

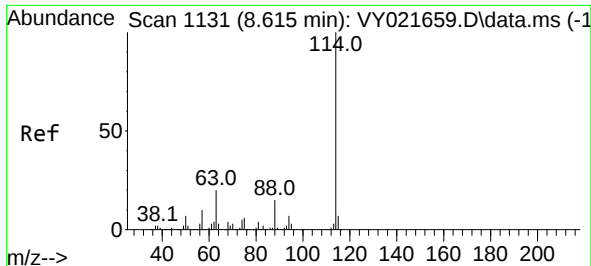
Tgt Ion:168 Resp: 224475
Ion Ratio Lower Upper
168 100
99 57.7 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 55.078 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY021720.D
Acq: 31 Mar 2025 15:25

Tgt Ion: 65 Resp: 133957
Ion Ratio Lower Upper
65 100
67 52.3 0.0 104.6

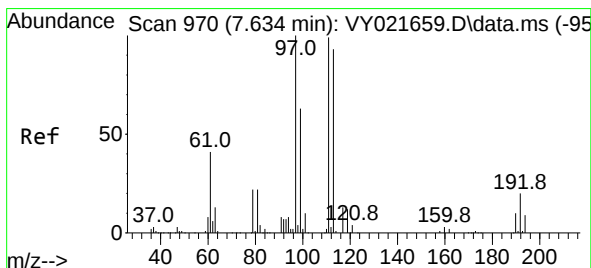
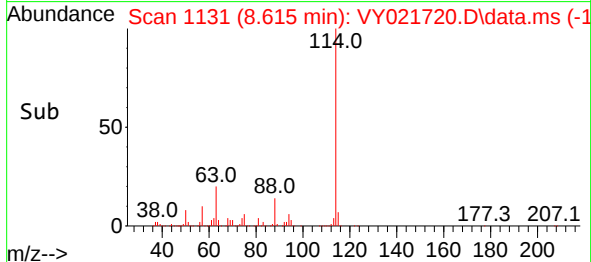
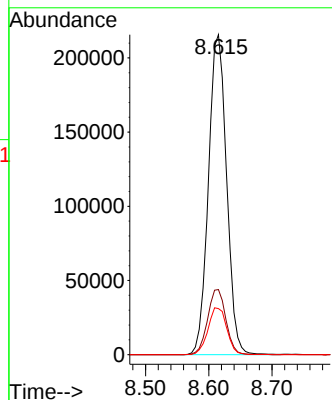
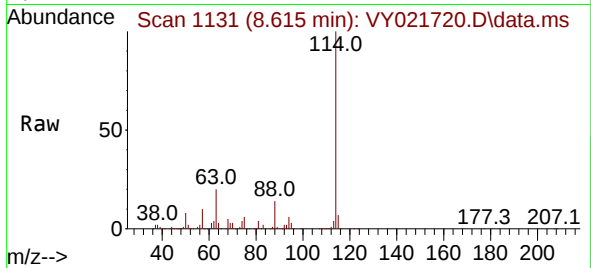




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY021720.D
Acq: 31 Mar 2025 15:25

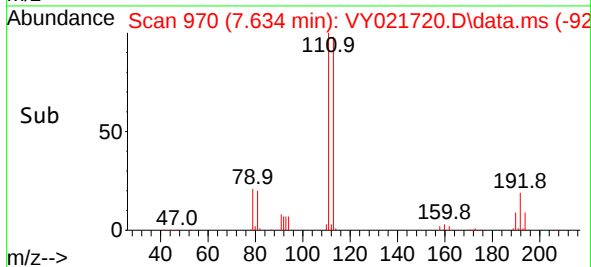
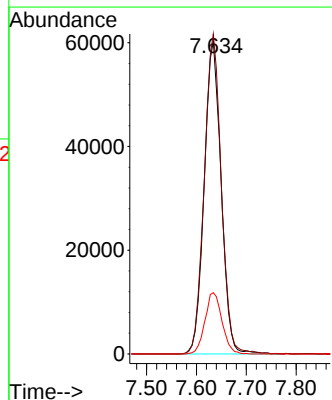
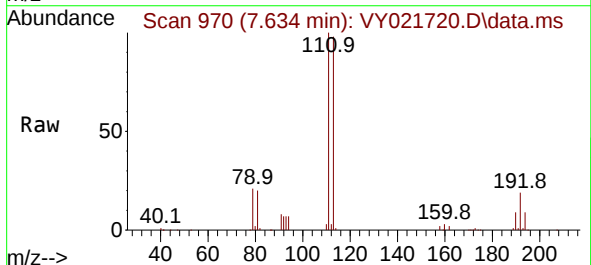
Instrument :
MSVOA_Y
ClientSampleId :
P6

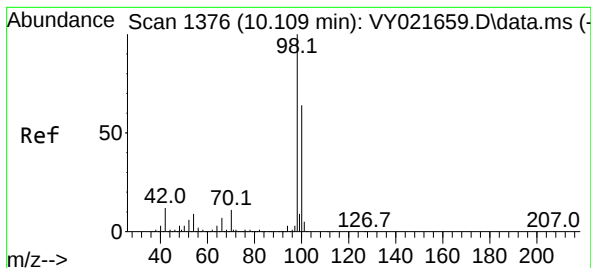
Tgt Ion:	114	Resp:	430734
Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	40.2
88	14.4	0.0	29.8



#35
Dibromofluoromethane
Concen: 50.776 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY021720.D
Acq: 31 Mar 2025 15:25

Tgt Ion:	113	Resp:	141873
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	123.8
192	19.8	16.2	24.4





#50

Toluene-d8

Concen: 51.513 ug/l

RT: 10.103 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY021720.D

Acq: 31 Mar 2025 15:25

Instrument :

MSVOA_Y

ClientSampleId :

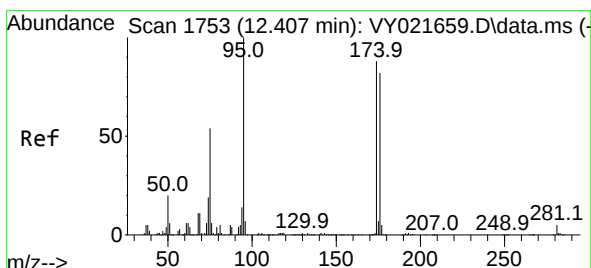
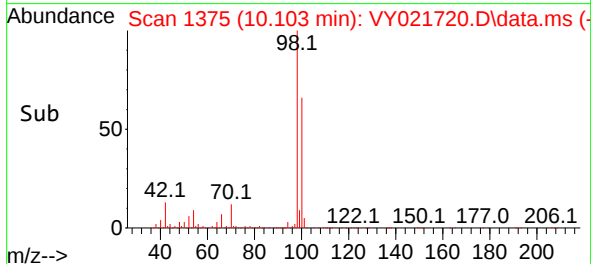
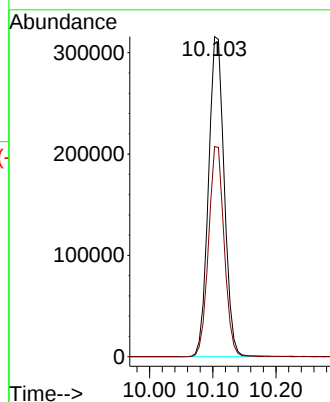
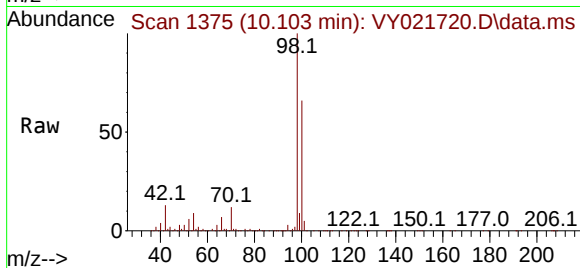
P6

Tgt Ion: 98 Resp: 547563

Ion Ratio Lower Upper

98 100

100 64.9 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 55.523 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.006 min

Lab File: VY021720.D

Acq: 31 Mar 2025 15:25

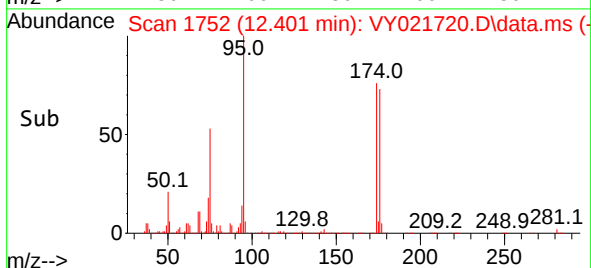
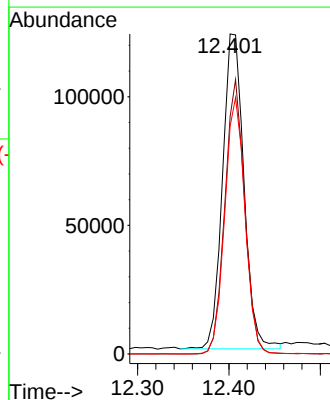
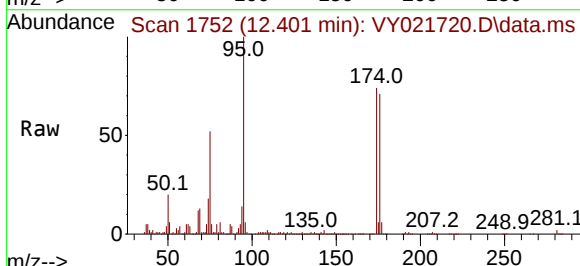
Tgt Ion: 95 Resp: 199630

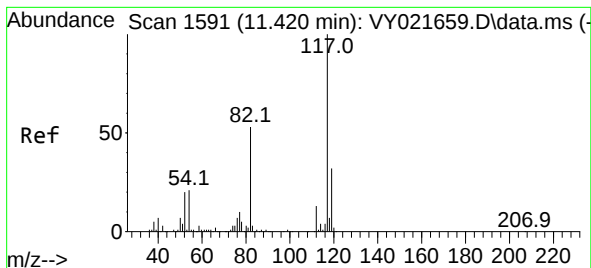
Ion Ratio Lower Upper

95 100

174 80.8 0.0 170.8

176 77.0 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021720.D

Acq: 31 Mar 2025 15:25

Instrument :

MSVOA_Y

ClientSampleId :

P6

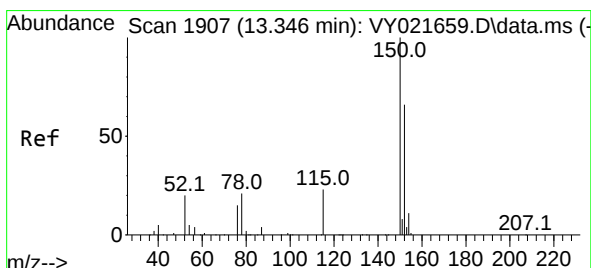
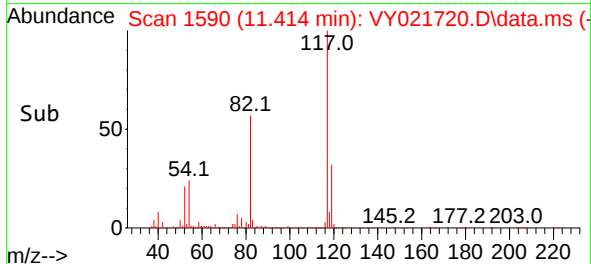
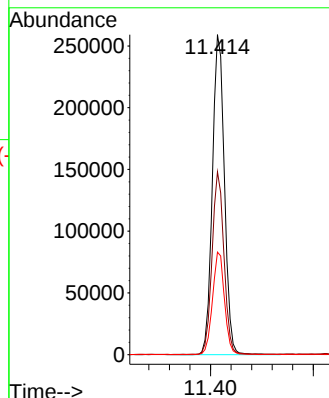
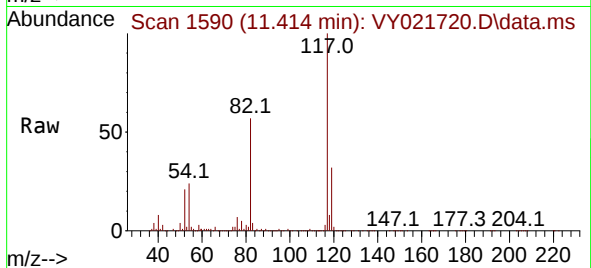
Tgt Ion:117 Resp: 421727

Ion Ratio Lower Upper

117 100

82 57.1 42.8 64.2

119 32.0 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY021720.D

Acq: 31 Mar 2025 15:25

Tgt Ion:152 Resp: 189318

Ion Ratio Lower Upper

152 100

115 58.2 28.8 86.5

150 155.2 0.0 348.4

