

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050225\
 Data File : VY022120.D
 Acq On : 02 May 2025 11:25
 Operator : SY/MD
 Sample : VY0502SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0502SBL01

Quant Time: May 03 02:49:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	420631	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	766740	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	655107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	242655	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	190184	48.950	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.900%
35) Dibromofluoromethane	7.634	113	246463	48.655	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.320%
50) Toluene-d8	10.103	98	896764	46.959	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.920%
62) 4-Bromofluorobenzene	12.408	95	364820	56.748	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	113.500%

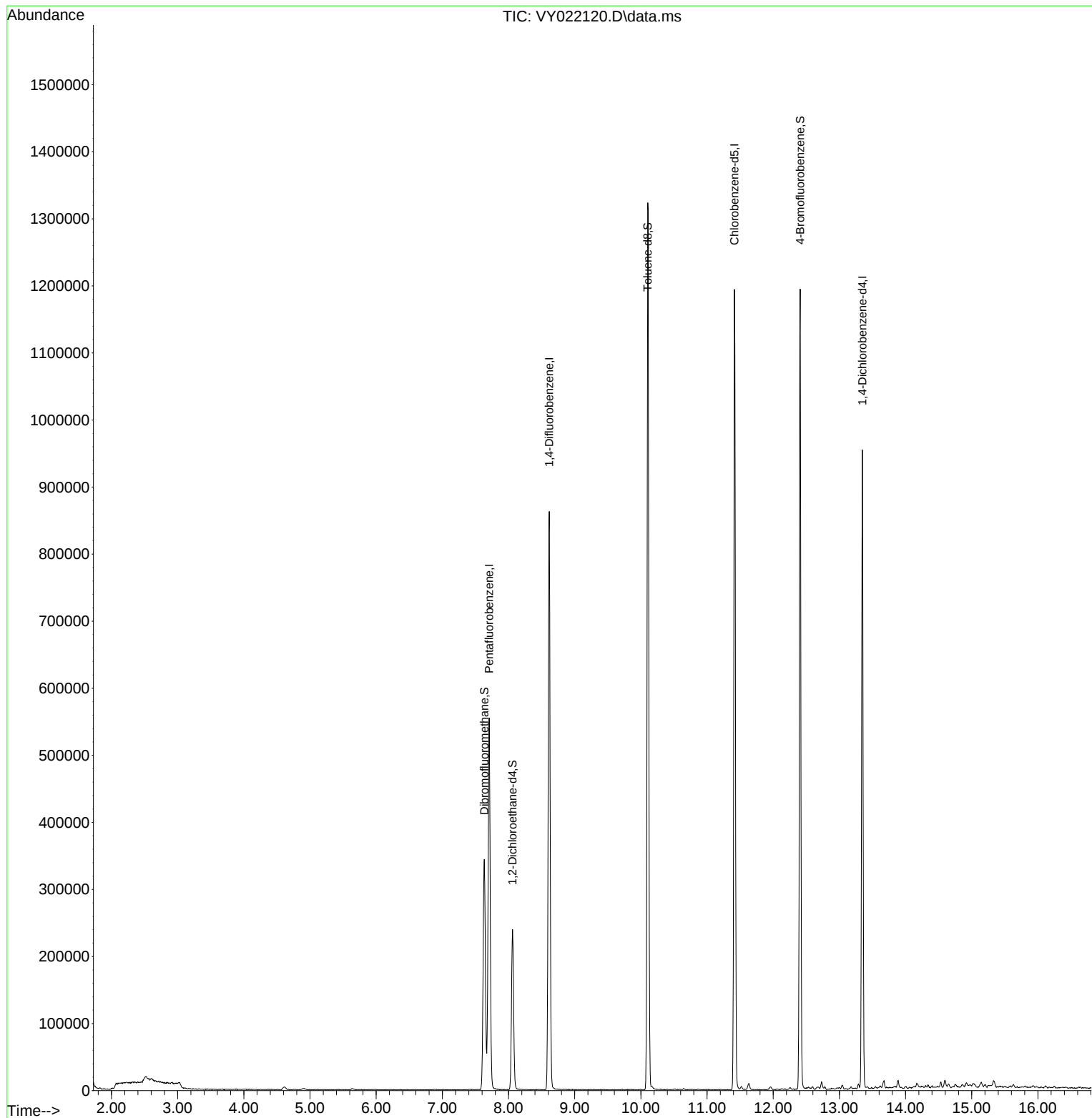
Target Compounds	Qvalue

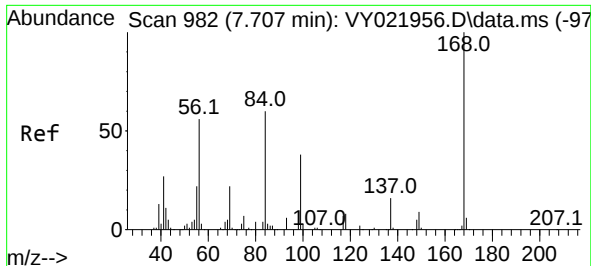
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050225\
Data File : VY022120.D
Acq On : 02 May 2025 11:25
Operator : SY/MD
Sample : VY0502SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0502SBL01

Quant Time: May 03 02:49:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
Quant Title : SW846 8260
QLast Update : Wed Apr 23 02:30:30 2025
Response via : Initial Calibration

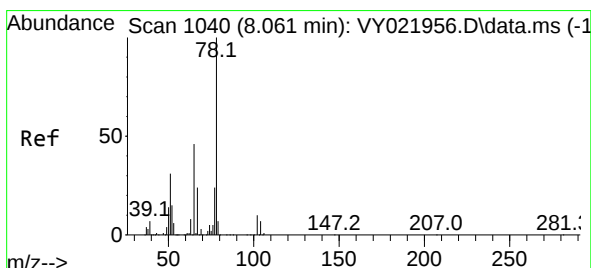
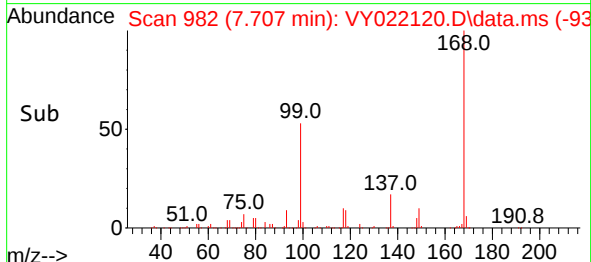
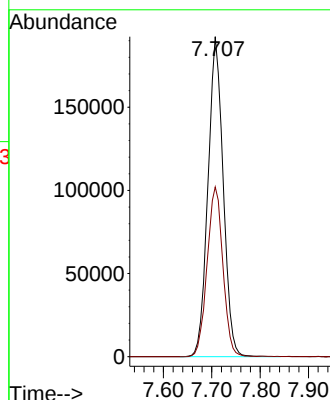
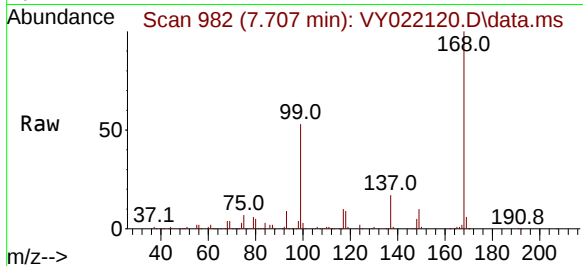




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY022120.D
Acq: 02 May 2025 11:25

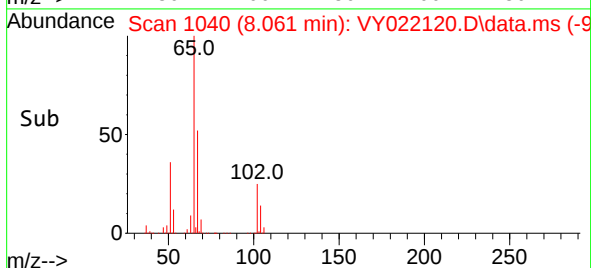
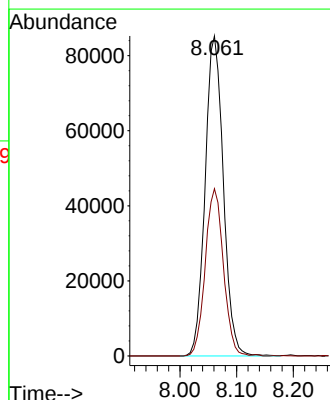
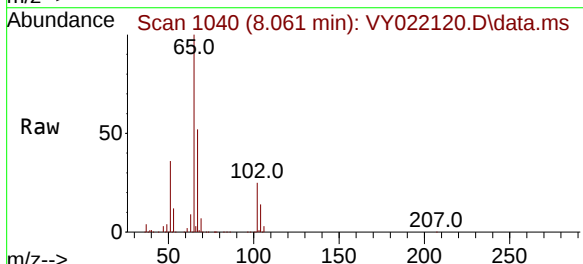
Instrument :
MSVOA_Y
ClientSampleId :
VY0502SBL01

Tgt Ion:168 Resp: 420631
Ion Ratio Lower Upper
168 100
99 53.1 43.1 64.7



#33
1,2-Dichloroethane-d4
Concen: 48.950 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY022120.D
Acq: 02 May 2025 11:25

Tgt Ion: 65 Resp: 190184
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.8

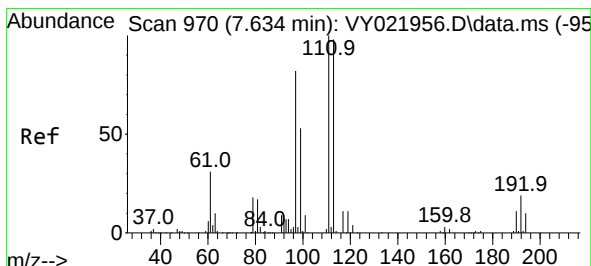
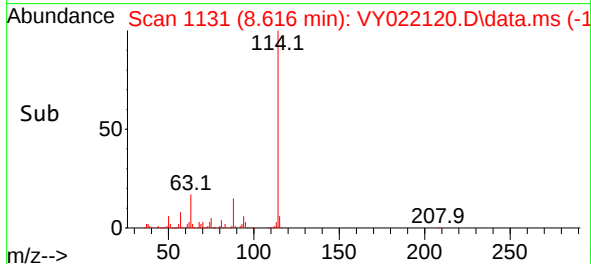
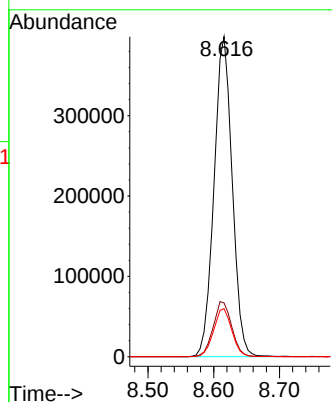
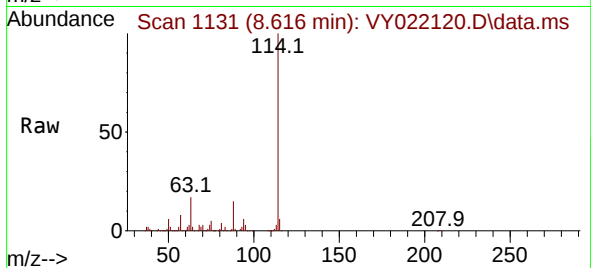




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY022120.D
Acq: 02 May 2025 11:25

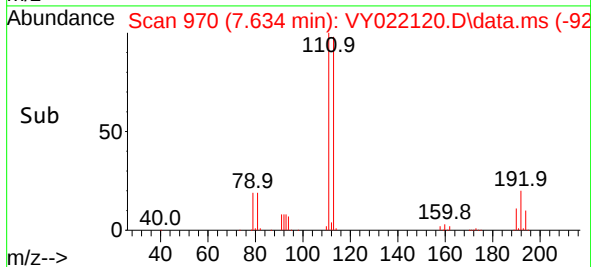
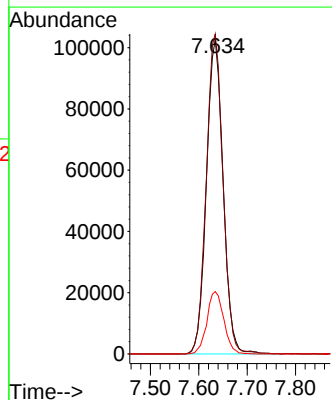
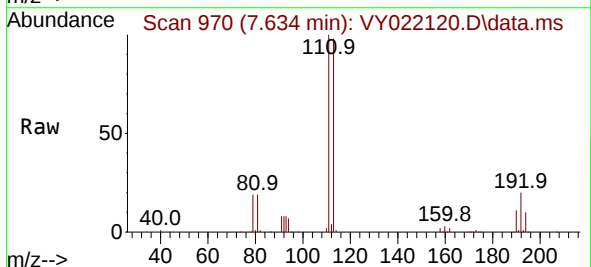
Instrument :
MSVOA_Y
ClientSampleId :
VY0502SBL01

Tgt Ion:114 Resp: 766740
Ion Ratio Lower Upper
114 100
63 16.8 0.0 35.4
88 15.0 0.0 28.2



#35
Dibromofluoromethane
Concen: 48.655 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY022120.D
Acq: 02 May 2025 11:25

Tgt Ion:113 Resp: 246463
Ion Ratio Lower Upper
113 100
111 102.0 81.8 122.8
192 20.1 15.6 23.4

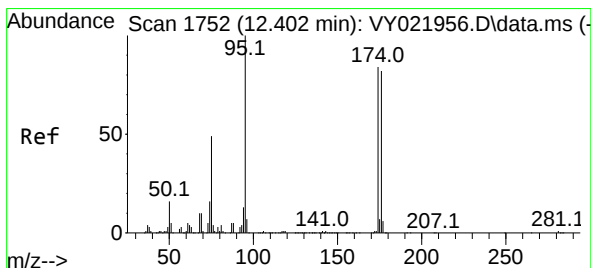
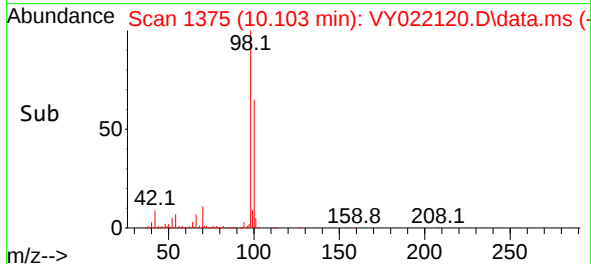
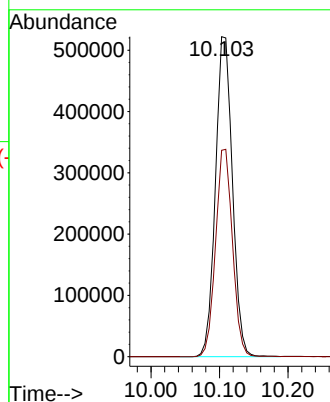
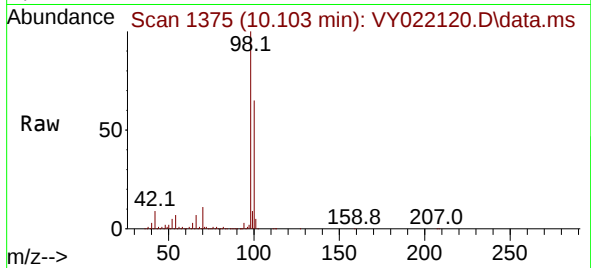




#50
Toluene-d8
Concen: 46.959 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022120.D
Acq: 02 May 2025 11:25

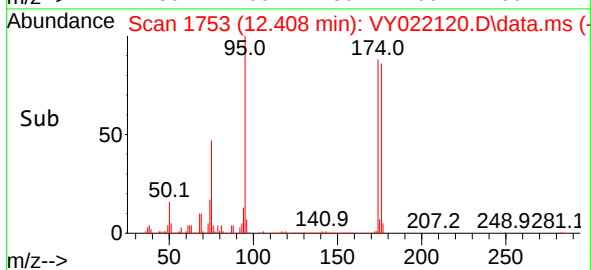
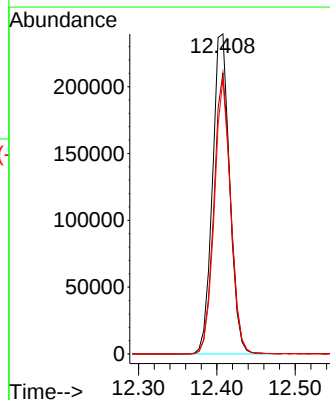
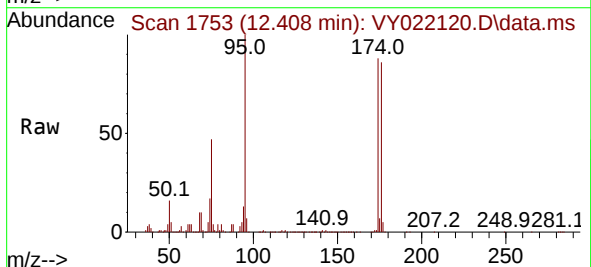
Instrument :
MSVOA_Y
ClientSampleId :
VY0502SBL01

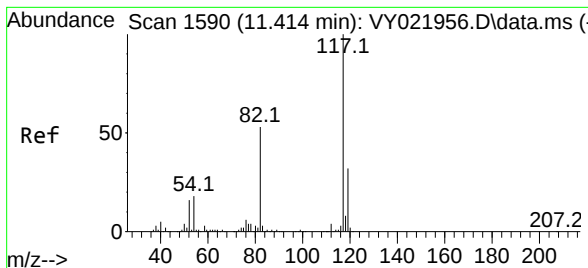
Tgt Ion: 98 Resp: 896764
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 56.748 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022120.D
Acq: 02 May 2025 11:25

Tgt Ion: 95 Resp: 364820
Ion Ratio Lower Upper
95 100
174 85.7 0.0 179.0
176 81.7 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022120.D

Acq: 02 May 2025 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0502SBL01

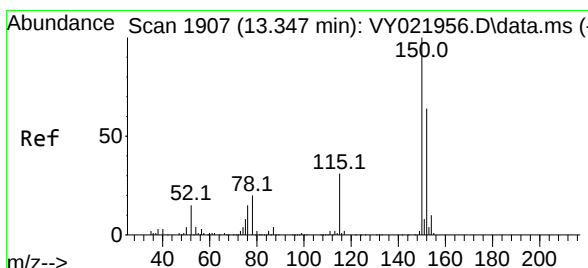
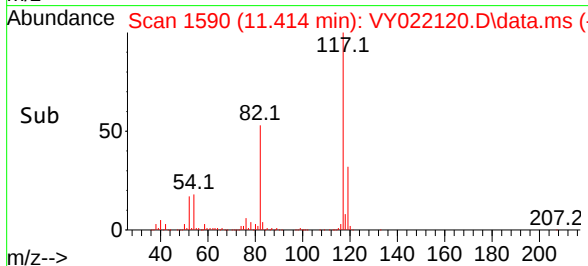
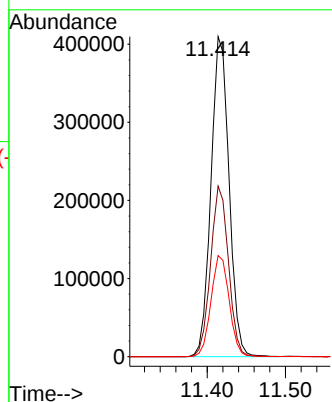
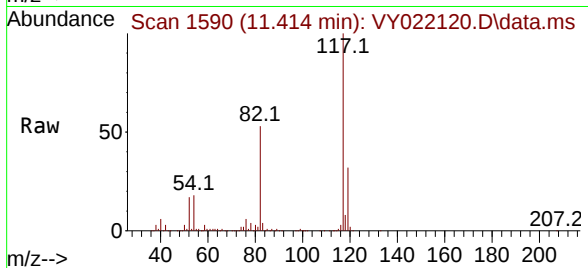
Tgt Ion:117 Resp: 655107

Ion Ratio Lower Upper

117 100

82 53.3 42.1 63.1

119 31.6 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: VY022120.D

Acq: 02 May 2025 11:25

Tgt Ion:152 Resp: 242655

Ion Ratio Lower Upper

152 100

115 58.8 28.0 84.0

150 159.3 0.0 345.6

