

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041825\
 Data File : VY021922.D
 Acq On : 18 Apr 2025 11:49
 Operator : SY/MD
 Sample : Q1830-01
 Misc : 5.16g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-1

Quant Time: Apr 19 01:10:48 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	218259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	409093	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	347451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	125578	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	116938	49.450	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.900%
35) Dibromofluoromethane	7.634	113	134481	50.676	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.360%
50) Toluene-d8	10.103	98	494421	48.974	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.940%
62) 4-Bromofluorobenzene	12.408	95	134061	39.259	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.520%

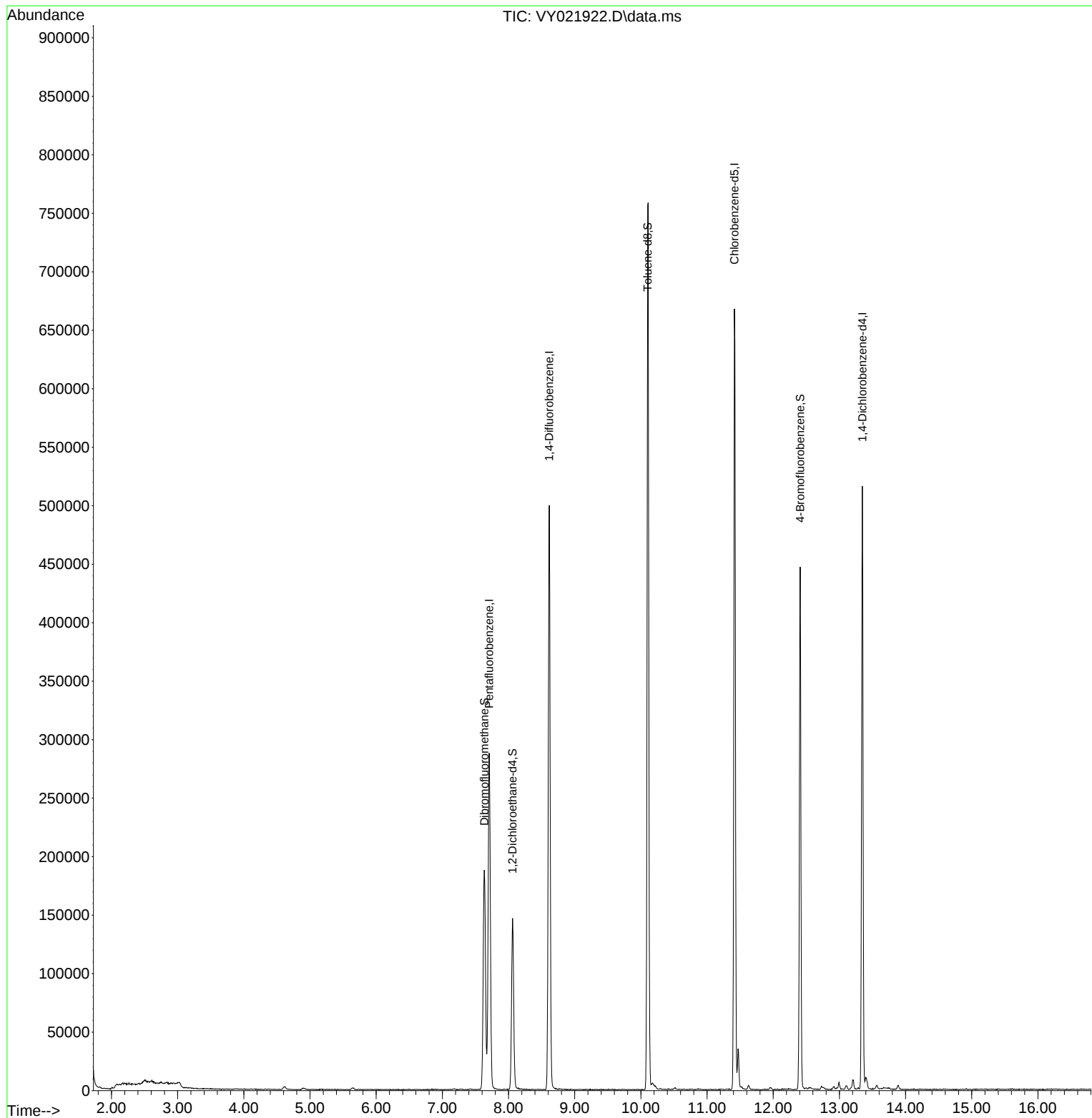
Target Compounds	Qvalue

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

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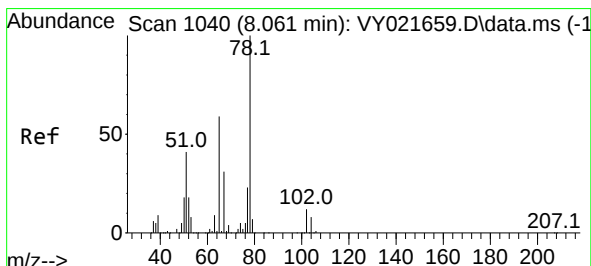
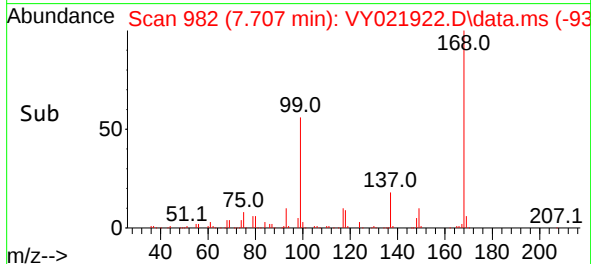
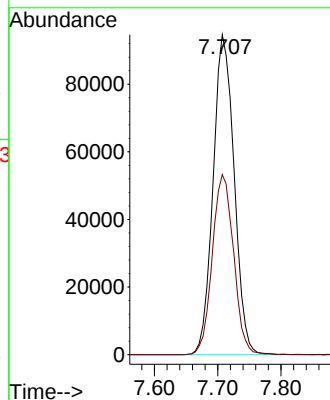
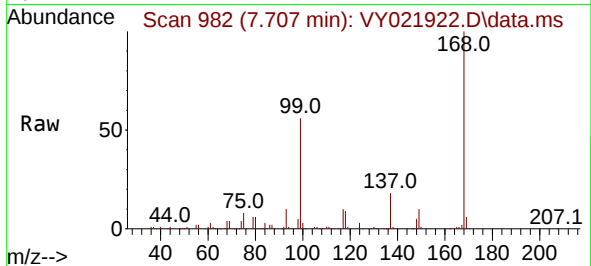




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021922.D
Acq: 18 Apr 2025 11:49

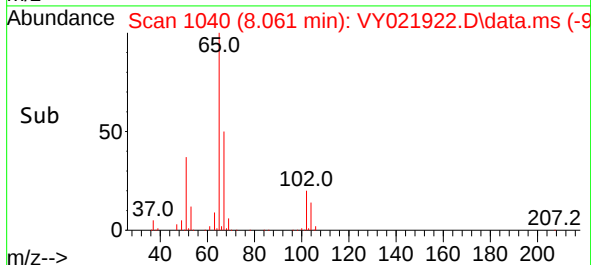
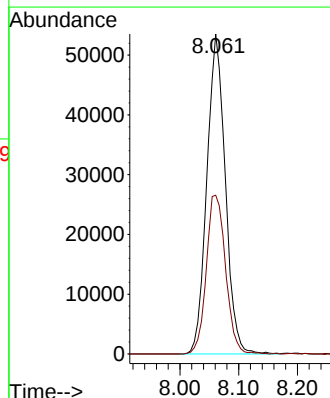
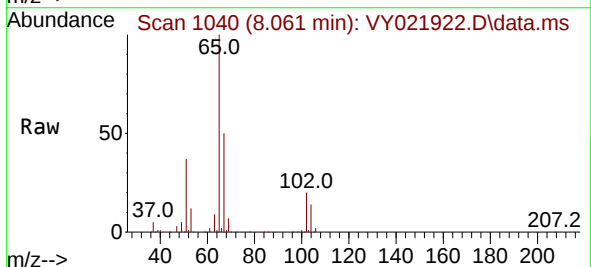
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-1

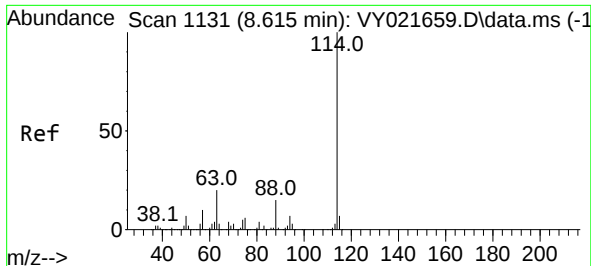
Tgt Ion:168 Resp: 218259
Ion Ratio Lower Upper
168 100
99 56.3 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 49.450 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021922.D
Acq: 18 Apr 2025 11:49

Tgt Ion: 65 Resp: 116938
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.6

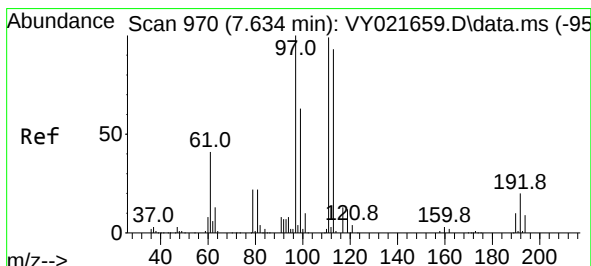
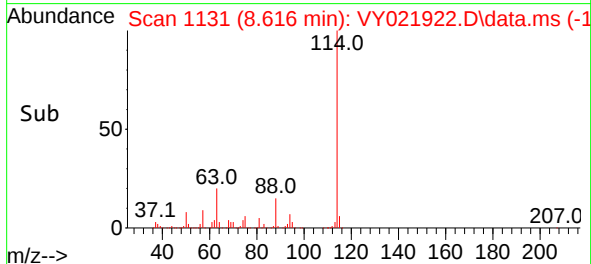
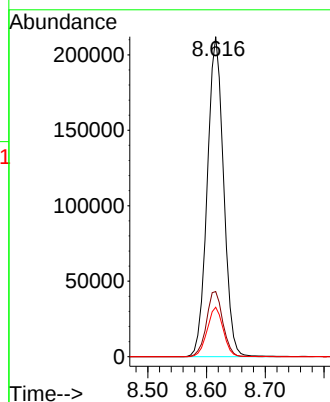
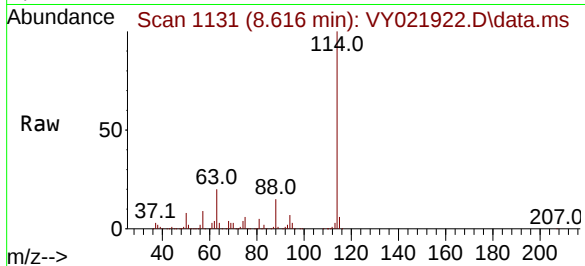




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021922.D
Acq: 18 Apr 2025 11:49

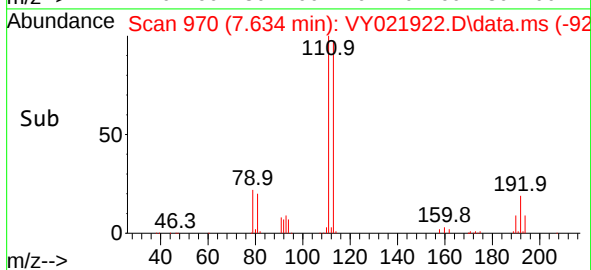
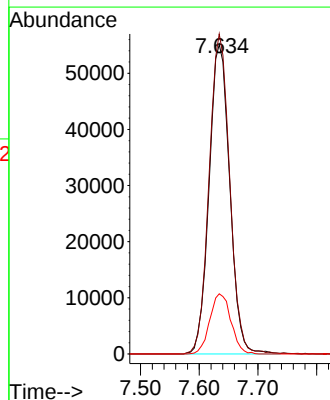
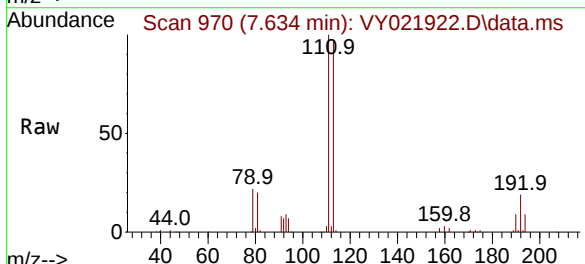
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-1

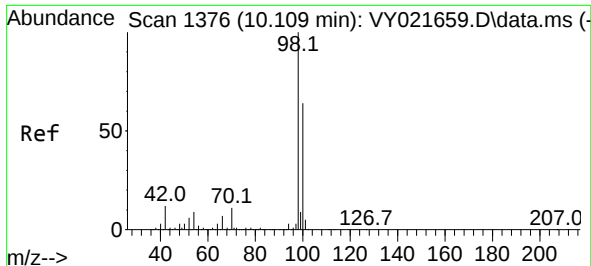
Tgt Ion:114 Resp: 409093
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.2
88 15.5 0.0 29.8



#35
Dibromofluoromethane
Concen: 50.676 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021922.D
Acq: 18 Apr 2025 11:49

Tgt Ion:113 Resp: 134481
Ion Ratio Lower Upper
113 100
111 103.1 82.6 123.8
192 19.9 16.2 24.4

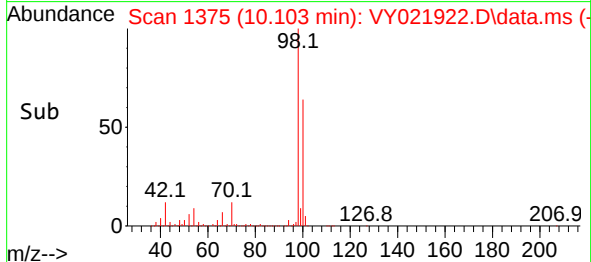
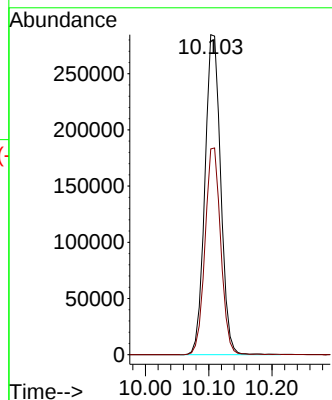
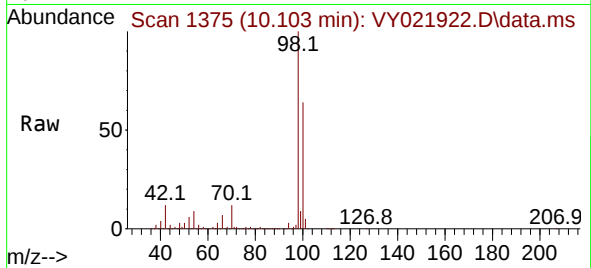




#50
Toluene-d8
Concen: 48.974 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021922.D
Acq: 18 Apr 2025 11:49

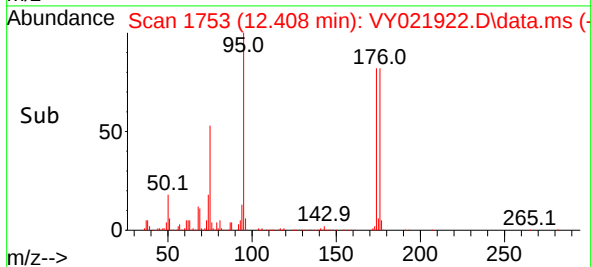
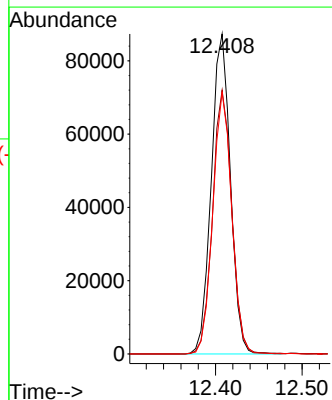
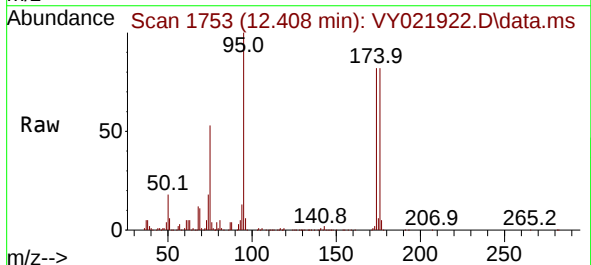
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-1

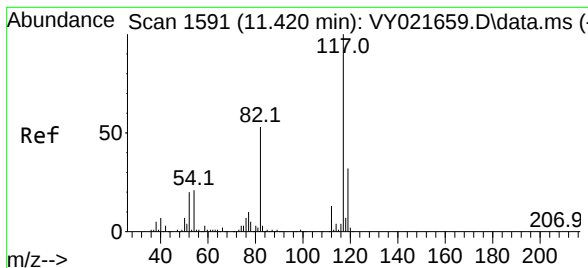
Tgt Ion: 98 Resp: 494421
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 39.259 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY021922.D
Acq: 18 Apr 2025 11:49

Tgt Ion: 95 Resp: 134061
Ion Ratio Lower Upper
95 100
174 82.8 0.0 170.8
176 80.8 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: VY021922.D

Acq: 18 Apr 2025 11:49

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-1

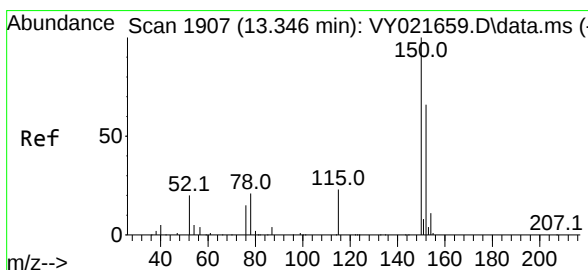
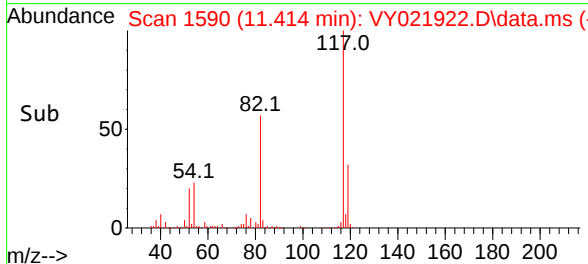
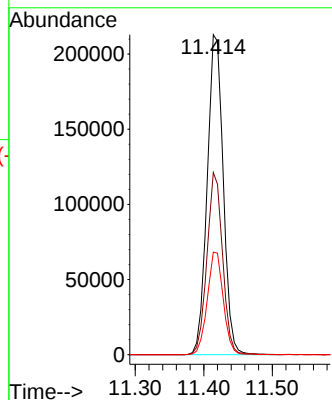
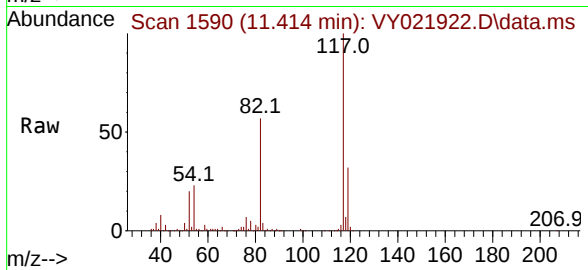
Tgt Ion:117 Resp: 347451

Ion Ratio Lower Upper

117 100

82 56.9 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: VY021922.D

Acq: 18 Apr 2025 11:49

Tgt Ion:152 Resp: 125578

Ion Ratio Lower Upper

152 100

115 59.5 28.8 86.5

150 159.2 0.0 348.4

