

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042925\
 Data File : VY022047.D
 Acq On : 29 Apr 2025 10:00
 Operator : SY/MD
 Sample : VY0429SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0429SBL01

Quant Time: Apr 30 01:32:25 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	323132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	602161	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	529726	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	203699	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	150135	50.301	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.600%
35) Dibromofluoromethane	7.634	113	198621	49.927	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.860%
50) Toluene-d8	10.109	98	714245	47.623	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.240%
62) 4-Bromofluorobenzene	12.408	95	285524	56.552	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	113.100%

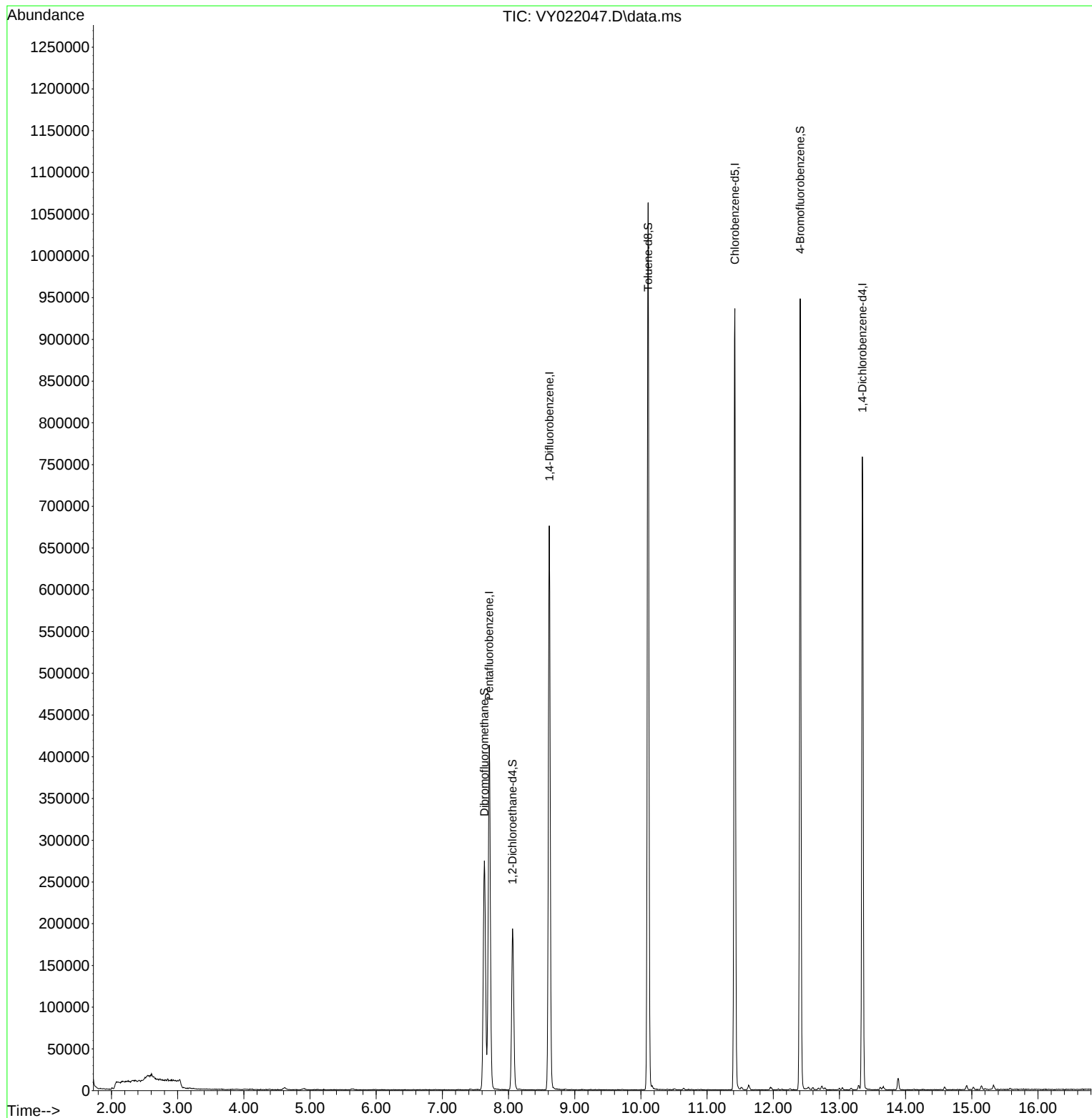
Target Compounds	Qvalue

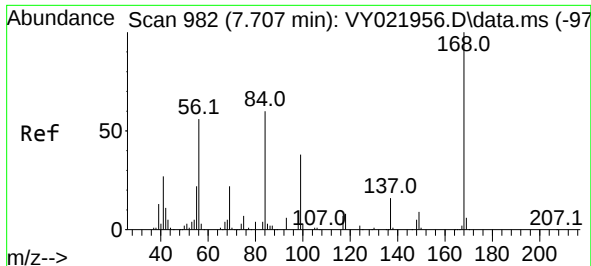
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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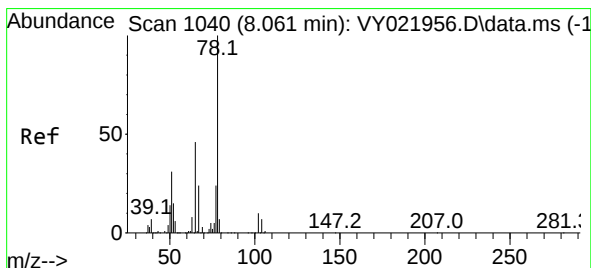
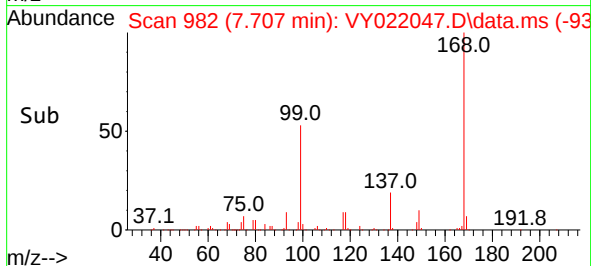
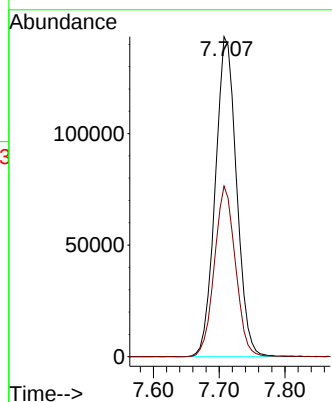
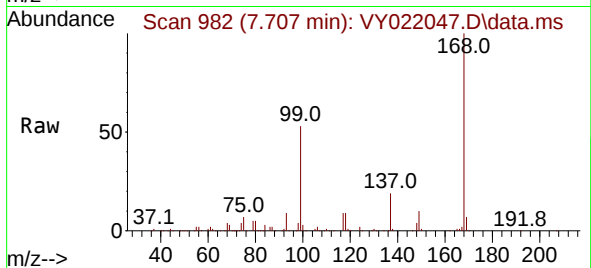




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.000 min
Lab File: VY022047.D
Acq: 29 Apr 2025 10:00

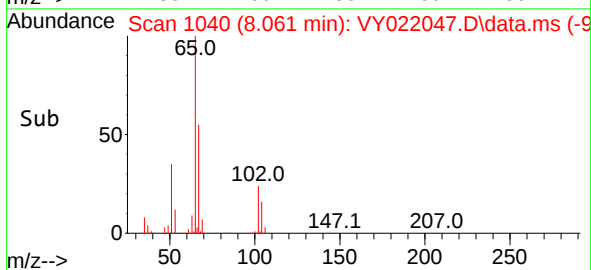
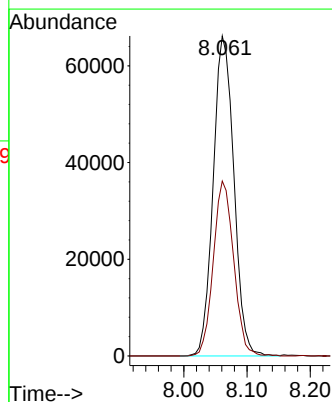
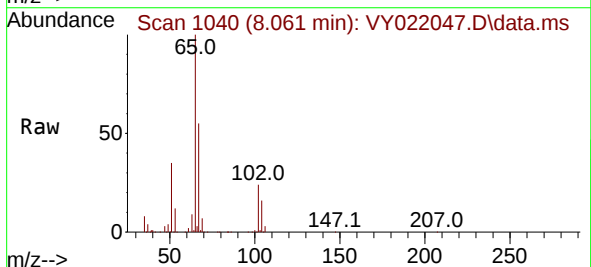
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBL01

Tgt Ion:168 Resp: 323132
Ion Ratio Lower Upper
168 100
99 53.3 43.1 64.7



#33
1,2-Dichloroethane-d4
Concen: 50.301 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY022047.D
Acq: 29 Apr 2025 10:00

Tgt Ion: 65 Resp: 150135
Ion Ratio Lower Upper
65 100
67 53.9 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: VY022047.D

Acq: 29 Apr 2025 10:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBL01

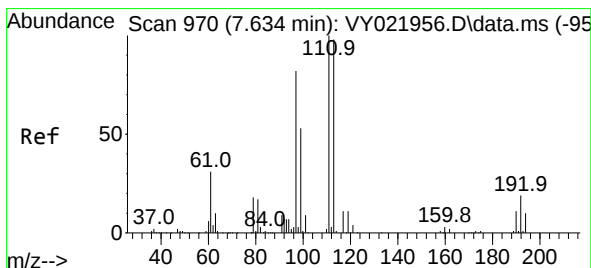
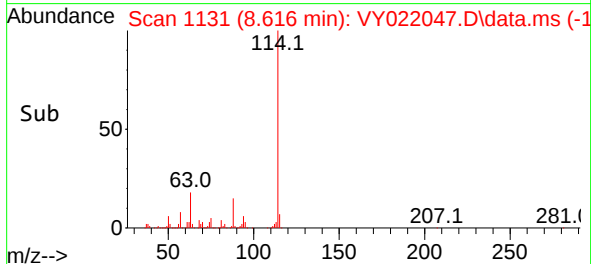
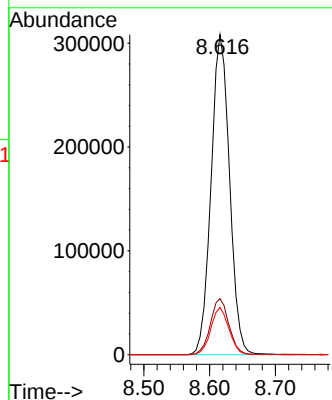
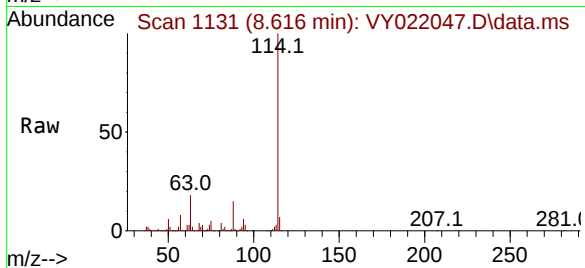
Tgt Ion:114 Resp: 602161

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.4

88 14.8 0.0 28.2



#35

Dibromofluoromethane

Concen: 49.927 ug/l

RT: 7.634 min Scan# 970

Delta R.T. 0.000 min

Lab File: VY022047.D

Acq: 29 Apr 2025 10:00

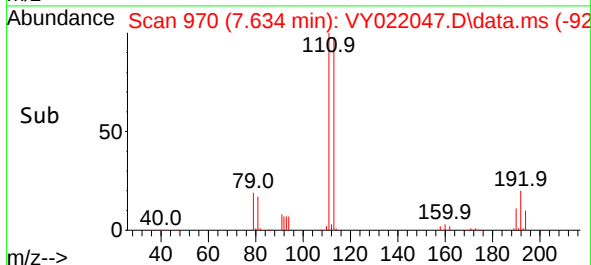
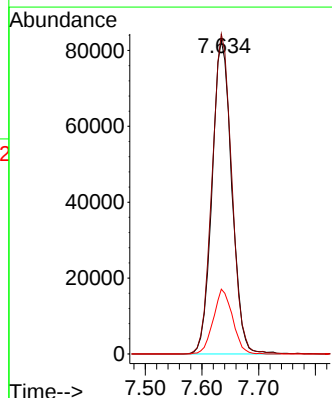
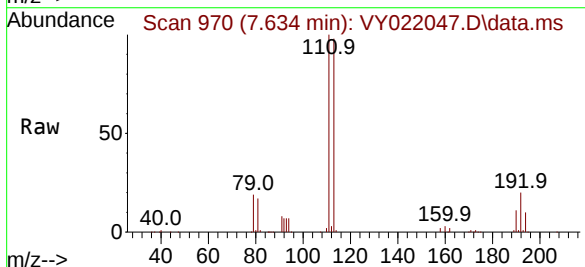
Tgt Ion:113 Resp: 198621

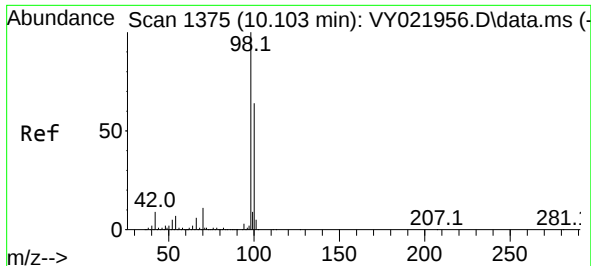
Ion Ratio Lower Upper

113 100

111 102.6 81.8 122.8

192 20.3 15.6 23.4

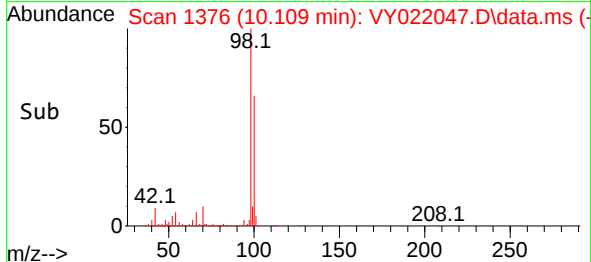
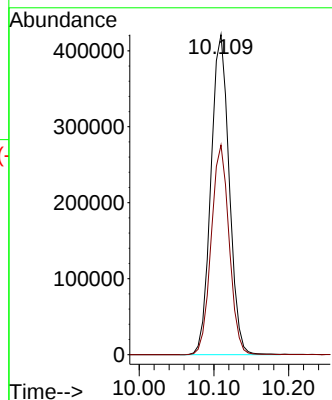
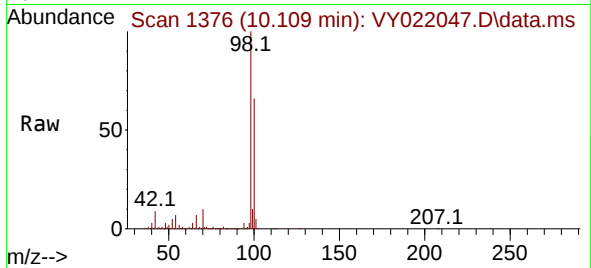




#50
Toluene-d8
Concen: 47.623 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. 0.006 min
Lab File: VY022047.D
Acq: 29 Apr 2025 10:00

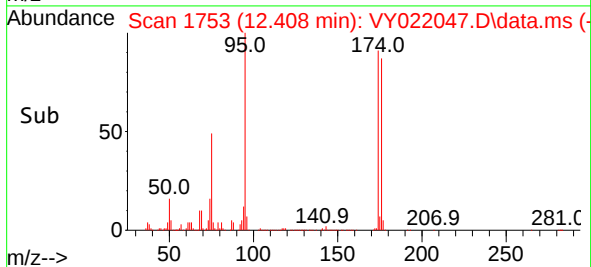
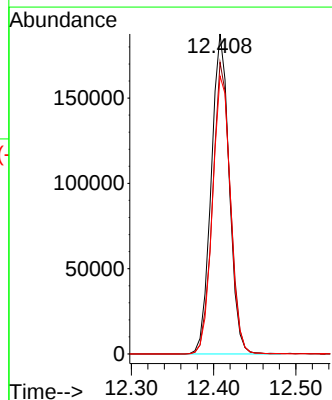
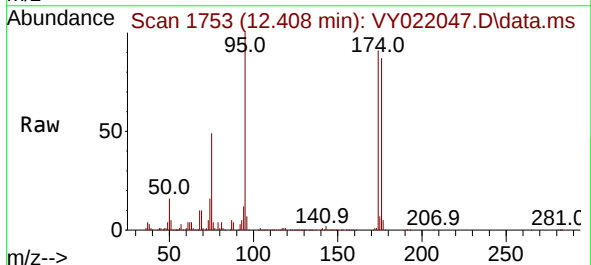
Instrument :
MSVOA_Y
ClientSampleId :
VY0429SBL01

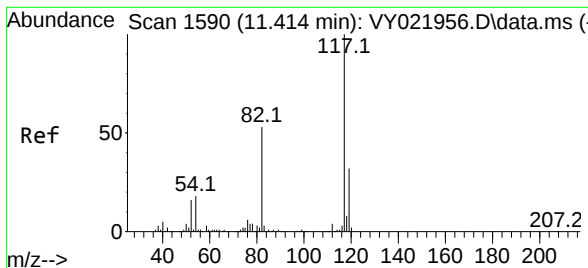
Tgt Ion: 98 Resp: 714245
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 56.552 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY022047.D
Acq: 29 Apr 2025 10:00

Tgt Ion: 95 Resp: 285524
Ion Ratio Lower Upper
95 100
174 89.5 0.0 179.0
176 87.0 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY022047.D

Acq: 29 Apr 2025 10:00

Instrument :

MSVOA_Y

ClientSampleId :

VY0429SBL01

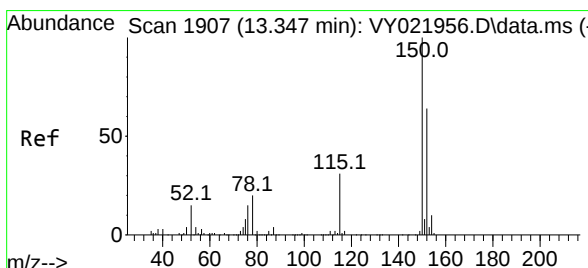
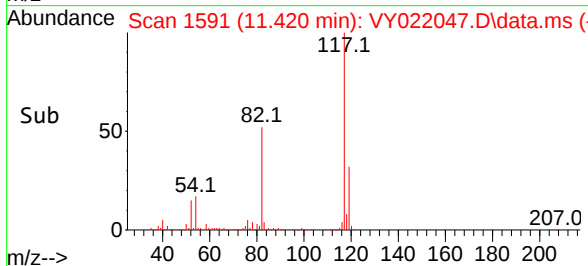
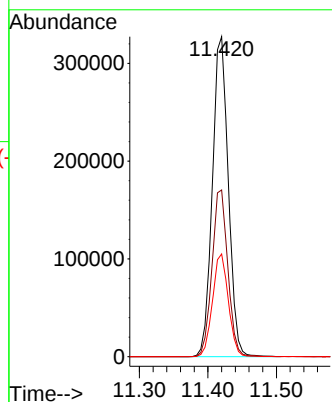
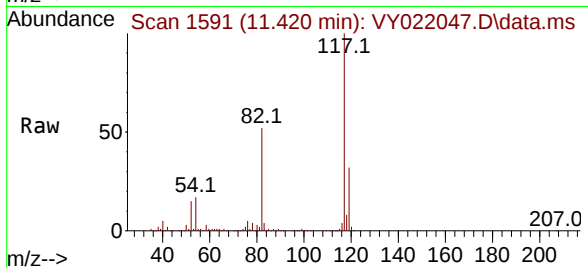
Tgt Ion:117 Resp: 529726

Ion Ratio Lower Upper

117 100

82 52.1 42.1 63.1

119 32.1 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY022047.D

Acq: 29 Apr 2025 10:00

Tgt Ion:152 Resp: 203699

Ion Ratio Lower Upper

152 100

115 55.5 28.0 84.0

150 156.0 0.0 345.6

