

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070725\
 Data File : VY022947.D
 Acq On : 07 Jul 2025 09:44
 Operator : SY/MD
 Sample : VY0707SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0707SBL01

Quant Time: Jul 08 01:42:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	359794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	659995	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	632698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	266428	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	183707	45.748	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.500%
35) Dibromofluoromethane	7.634	113	202436	50.435	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.880%
50) Toluene-d8	10.109	98	810431	50.883	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.760%
62) 4-Bromofluorobenzene	12.408	95	272718	53.264	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	106.520%

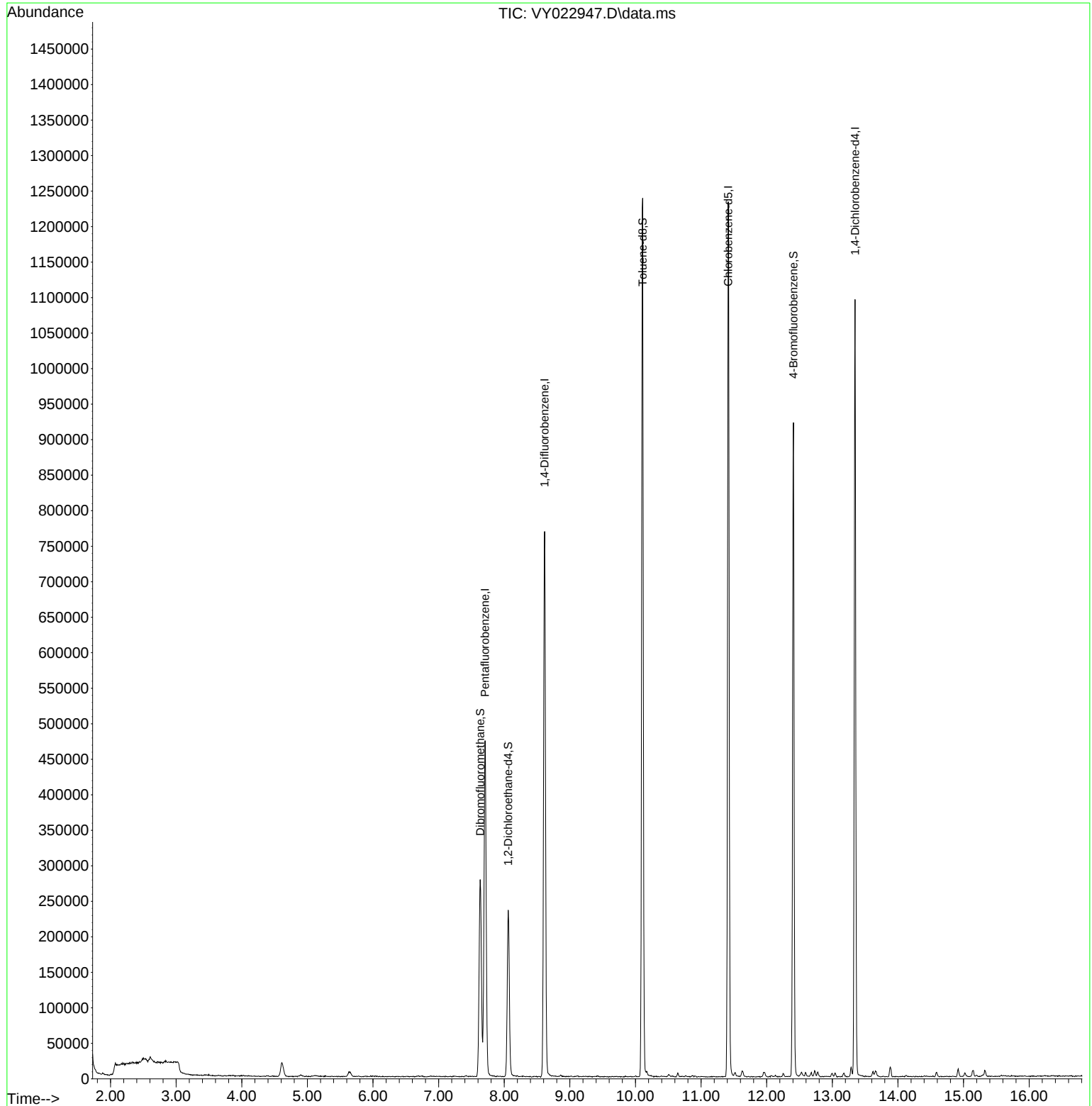
Target Compounds	Qvalue

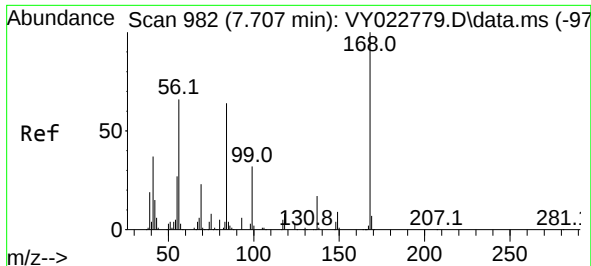
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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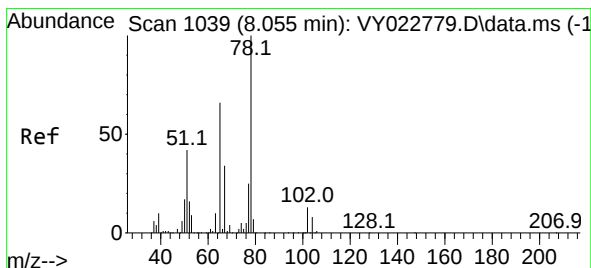
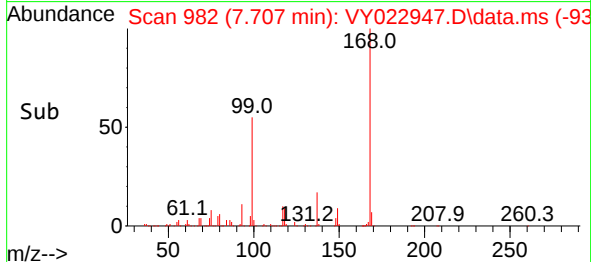
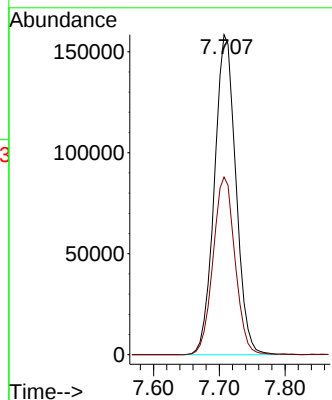
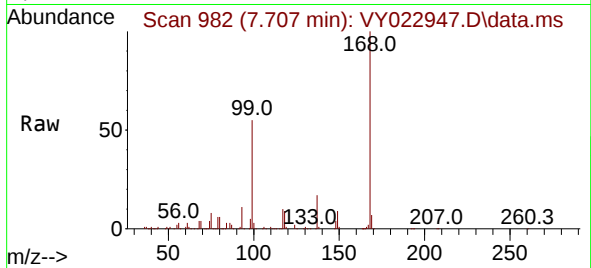




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022947.D
Acq: 07 Jul 2025 09:44

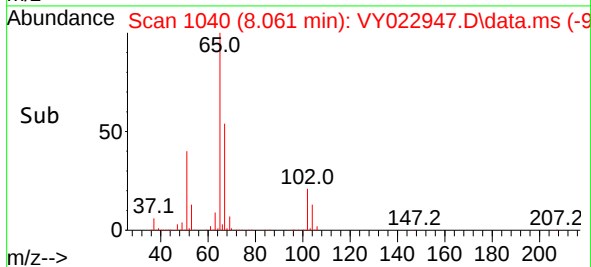
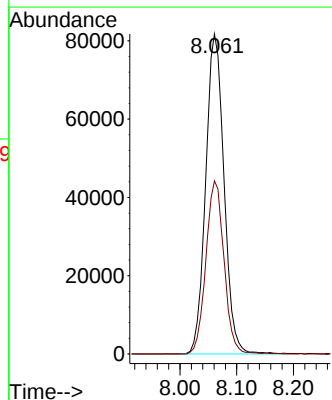
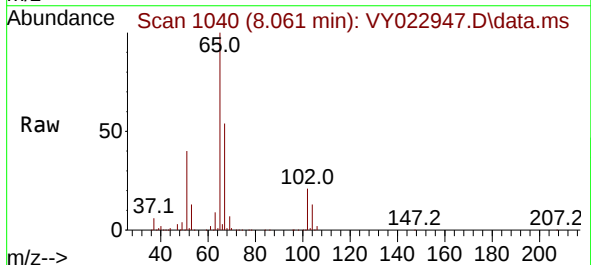
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBL01

Tgt Ion:168 Resp: 359794
Ion Ratio Lower Upper
168 100
99 55.5 44.3 66.5



#33
1,2-Dichloroethane-d4
Concen: 45.748 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022947.D
Acq: 07 Jul 2025 09:44

Tgt Ion: 65 Resp: 183707
Ion Ratio Lower Upper
65 100
67 53.3 0.0 103.4

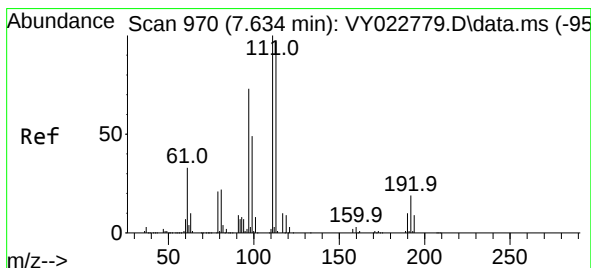
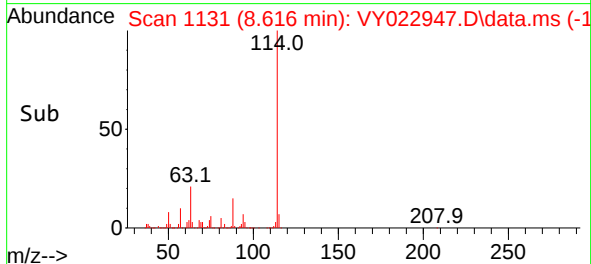
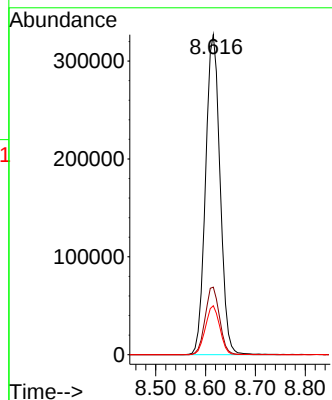
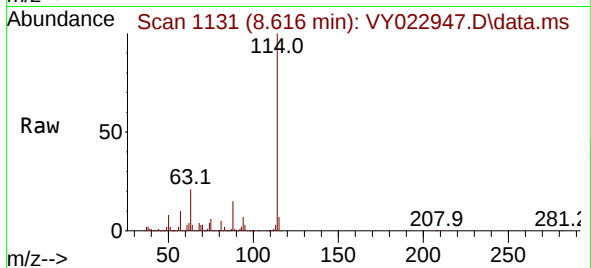




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VY022947.D
Acq: 07 Jul 2025 09:44

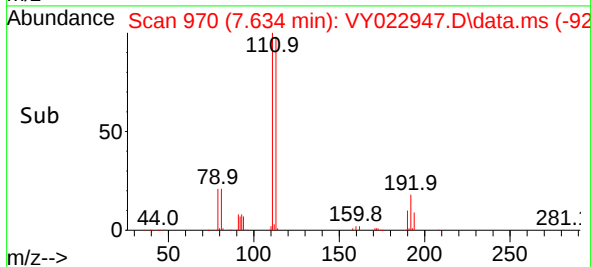
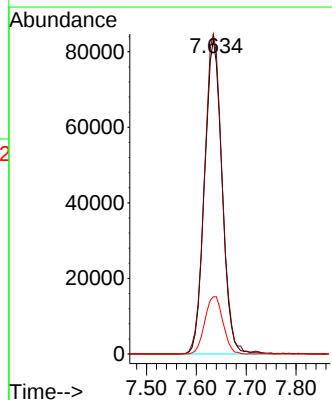
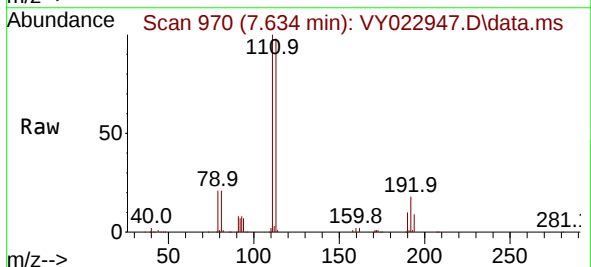
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBL01

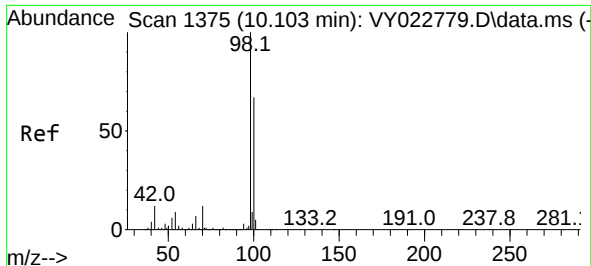
Tgt Ion:114 Resp: 659995
Ion Ratio Lower Upper
114 100
63 21.1 0.0 40.8
88 15.3 0.0 27.8



#35
Dibromofluoromethane
Concen: 50.435 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY022947.D
Acq: 07 Jul 2025 09:44

Tgt Ion:113 Resp: 202436
Ion Ratio Lower Upper
113 100
111 102.9 81.1 121.7
192 18.9 14.2 21.2

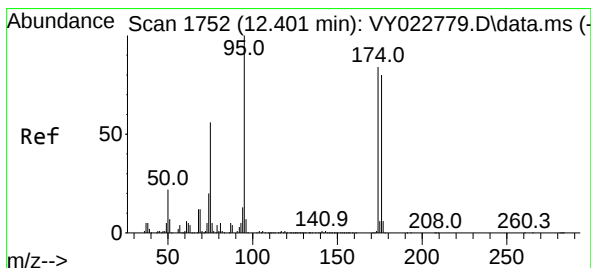
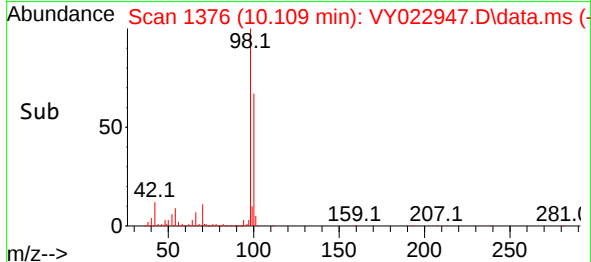
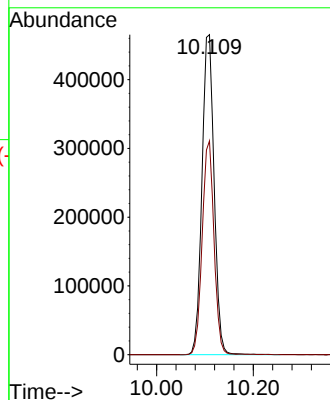
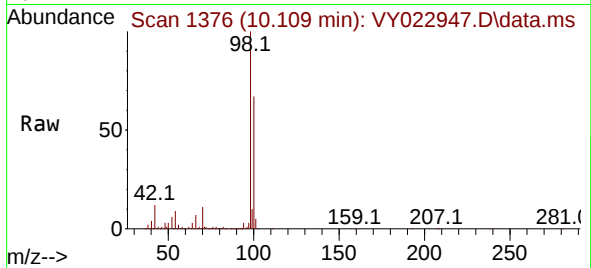




#50
Toluene-d8
Concen: 50.883 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VY022947.D
Acq: 07 Jul 2025 09:44

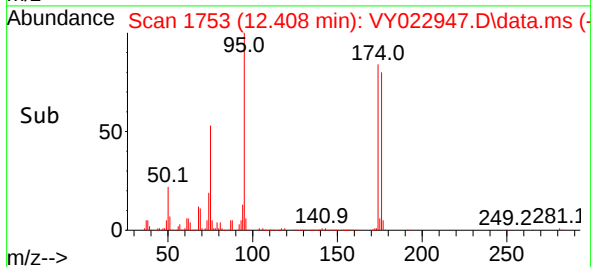
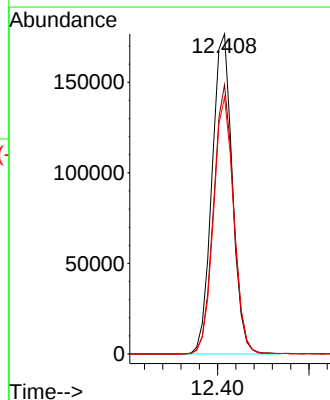
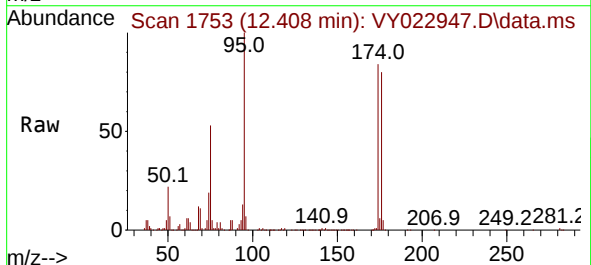
Instrument :
MSVOA_Y
ClientSampleId :
VY0707SBL01

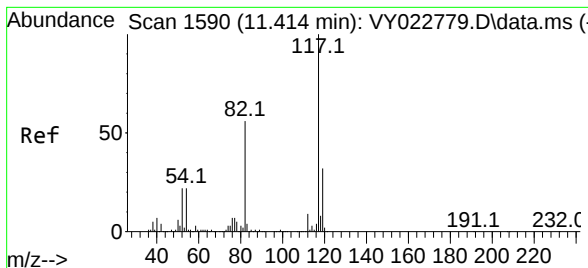
Tgt Ion: 98 Resp: 810431
Ion Ratio Lower Upper
98 100
100 65.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 53.264 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.000 min
Lab File: VY022947.D
Acq: 07 Jul 2025 09:44

Tgt Ion: 95 Resp: 272718
Ion Ratio Lower Upper
95 100
174 83.2 0.0 170.0
176 79.9 0.0 166.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022947.D

Acq: 07 Jul 2025 09:44

Instrument :

MSVOA_Y

ClientSampleId :

VY0707SBL01

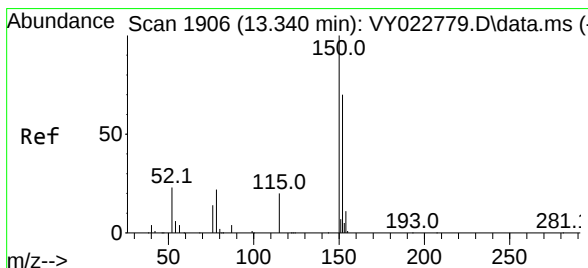
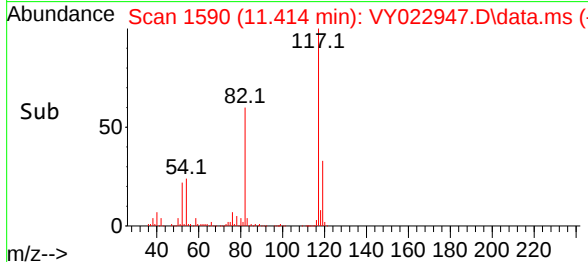
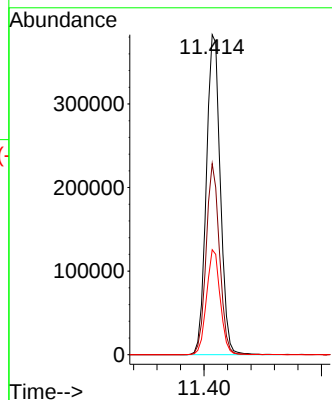
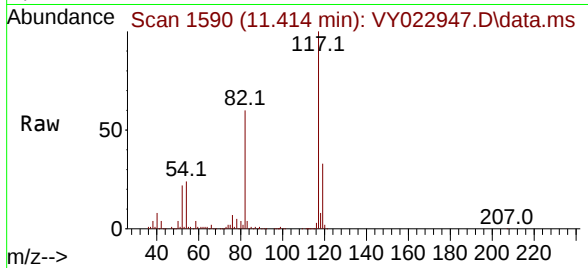
Tgt Ion:117 Resp: 632698

Ion Ratio Lower Upper

117 100

82 59.7 44.6 66.8

119 32.8 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022947.D

Acq: 07 Jul 2025 09:44

Tgt Ion:152 Resp: 266428

Ion Ratio Lower Upper

152 100

115 58.1 28.9 86.7

150 158.1 0.0 349.6

