

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090525\
 Data File : VY023291.D
 Acq On : 05 Sep 2025 10:20
 Operator : SY/MD
 Sample : VY0905SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0905SBL01

Quant Time: Sep 06 01:52:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 13 02:10:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	596430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	1122765	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1037616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	426836	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	314509	55.329	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.660%
35) Dibromofluoromethane	7.634	113	364736	54.290	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.580%
50) Toluene-d8	10.109	98	1340887	51.090	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.180%
62) 4-Bromofluorobenzene	12.407	95	401780	47.601	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.200%

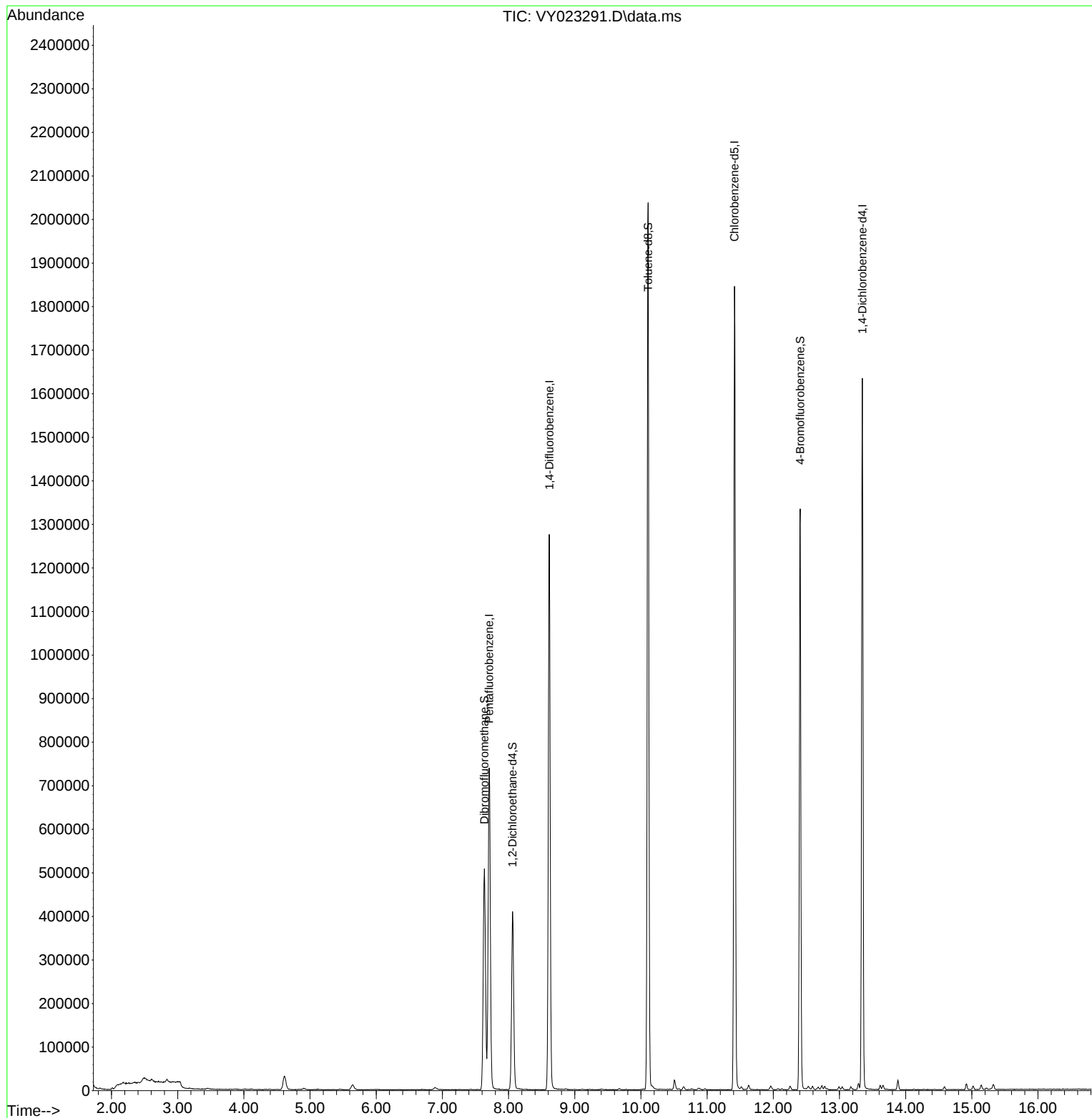
Target Compounds	Qvalue

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

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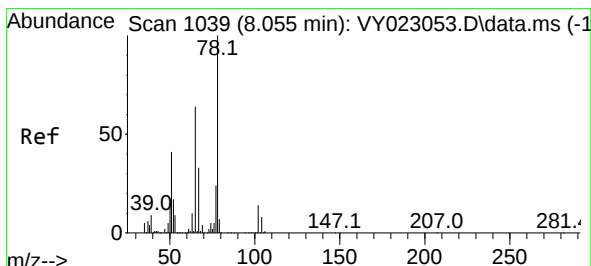
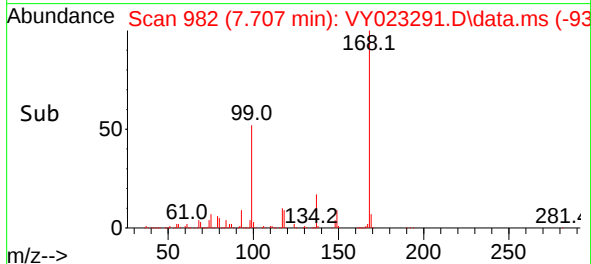
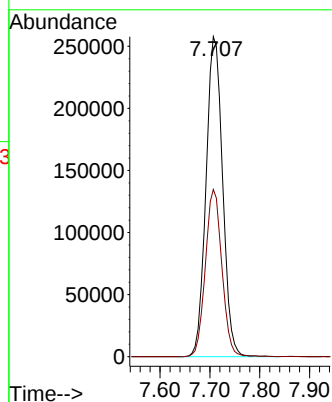
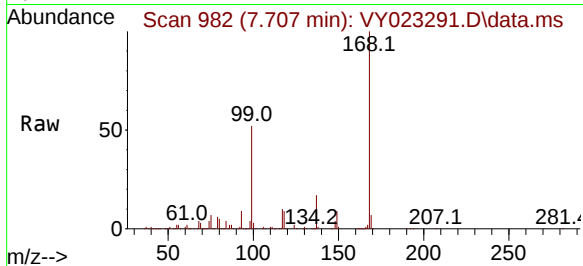




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY023291.D
Acq: 05 Sep 2025 10:20

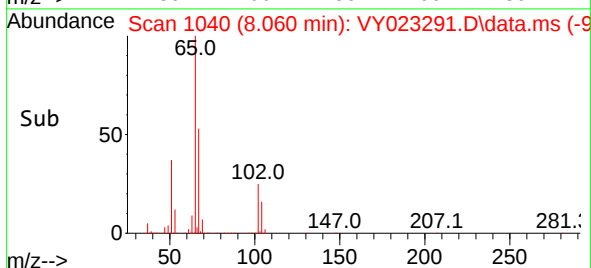
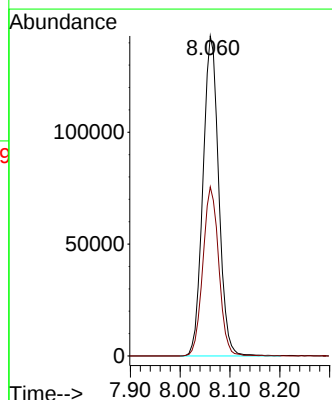
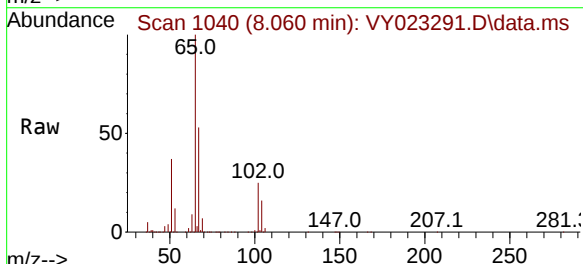
Instrument :
MSVOA_Y
ClientSampleId :
VY0905SBL01

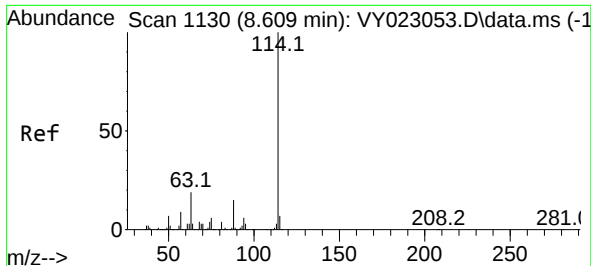
Tgt Ion:168 Resp: 596430
Ion Ratio Lower Upper
168 100
99 52.2 42.8 64.2



#33
1,2-Dichloroethane-d4
Concen: 55.329 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY023291.D
Acq: 05 Sep 2025 10:20

Tgt Ion: 65 Resp: 314509
Ion Ratio Lower Upper
65 100
67 53.2 0.0 106.8

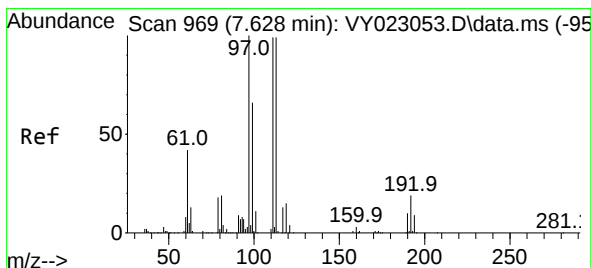
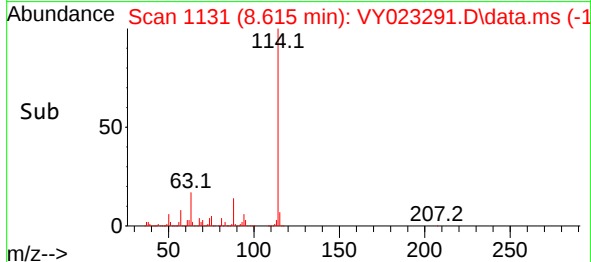
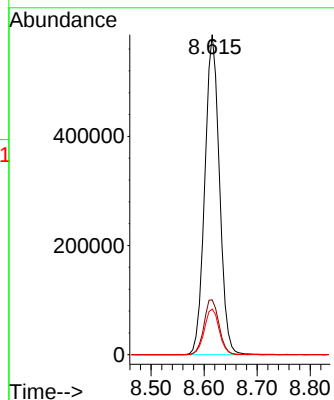
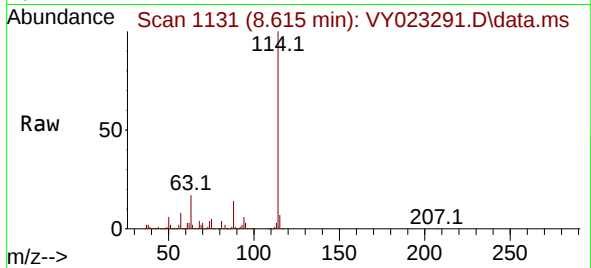




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VY023291.D
Acq: 05 Sep 2025 10:20

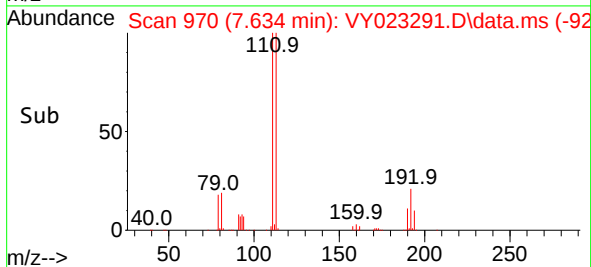
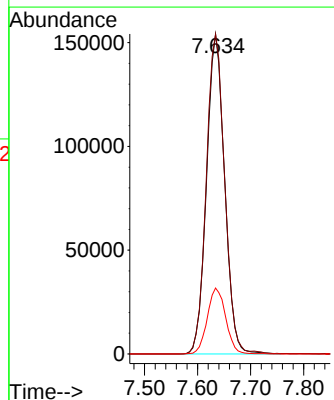
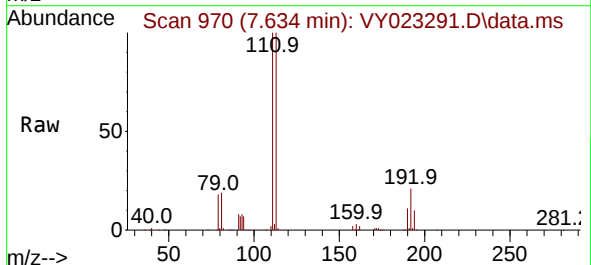
Instrument :
MSVOA_Y
ClientSampleId :
VY0905SBL01

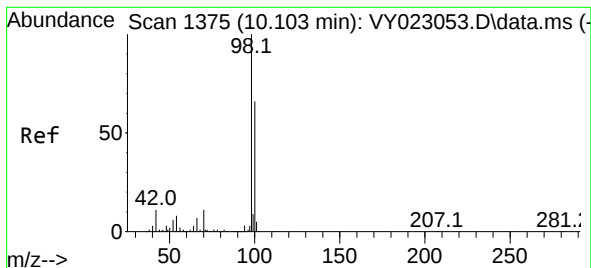
Tgt Ion:114 Resp: 1122765
Ion Ratio Lower Upper
114 100
63 17.1 0.0 38.4
88 14.3 0.0 30.0



#35
Dibromofluoromethane
Concen: 54.290 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY023291.D
Acq: 05 Sep 2025 10:20

Tgt Ion:113 Resp: 364736
Ion Ratio Lower Upper
113 100
111 101.8 81.1 121.7
192 21.0 16.2 24.4

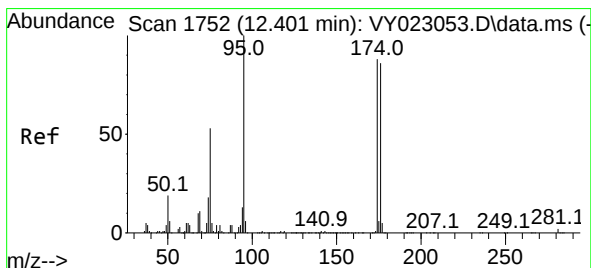
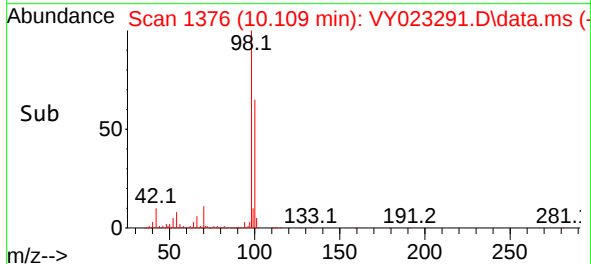
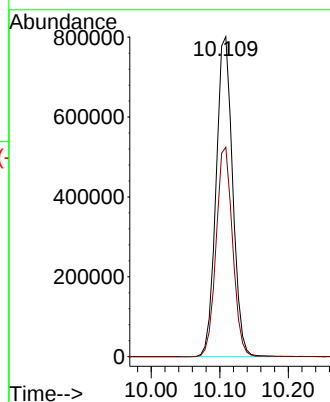
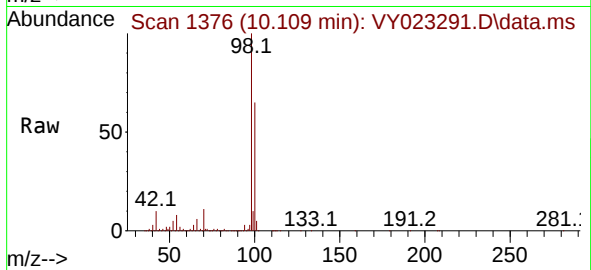




#50
Toluene-d8
Concen: 51.090 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023291.D
Acq: 05 Sep 2025 10:20

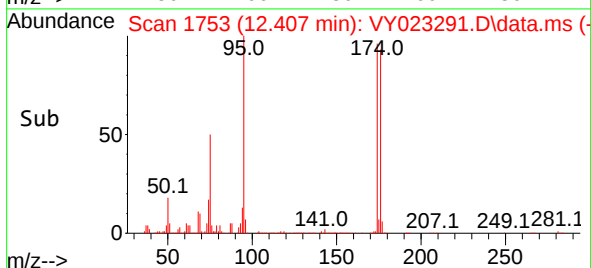
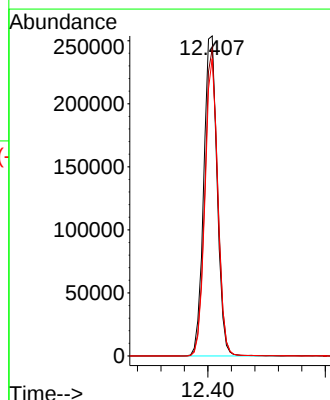
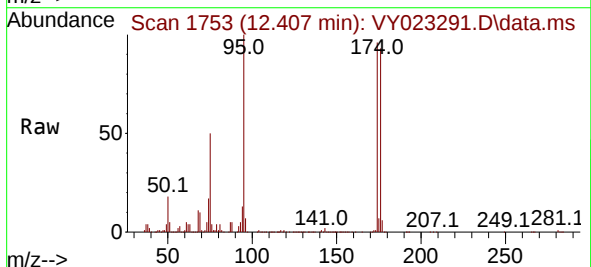
Instrument :
MSVOA_Y
ClientSampleId :
VY0905SBL01

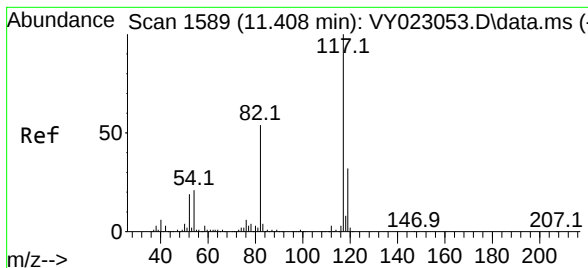
Tgt Ion: 98 Resp: 1340887
Ion Ratio Lower Upper
98 100
100 65.2 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 47.601 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023291.D
Acq: 05 Sep 2025 10:20

Tgt Ion: 95 Resp: 401780
Ion Ratio Lower Upper
95 100
174 92.9 0.0 171.6
176 89.1 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023291.D

Acq: 05 Sep 2025 10:20

Instrument :

MSVOA_Y

ClientSampleId :

VY0905SBL01

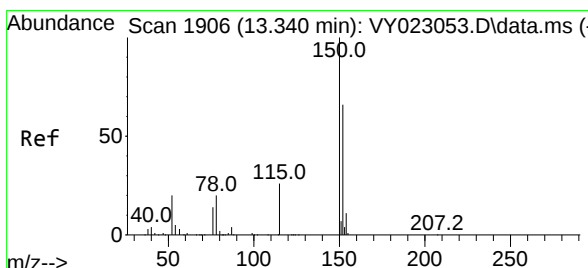
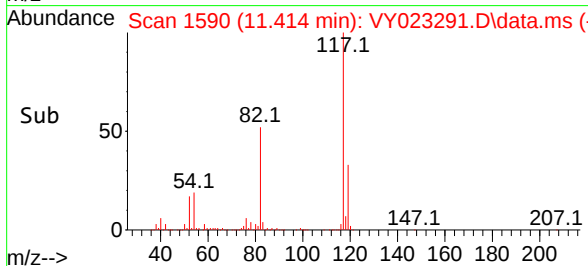
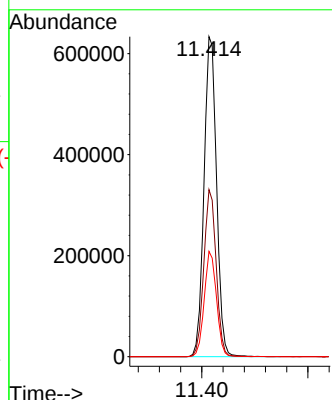
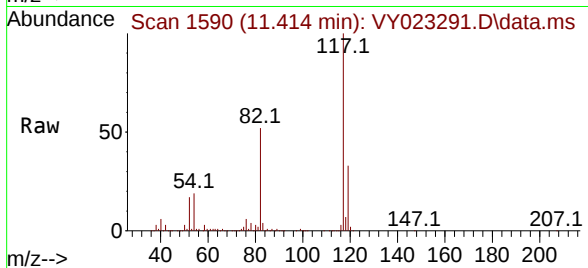
Tgt Ion:117 Resp: 1037616

Ion Ratio Lower Upper

117 100

82 52.2 43.4 65.0

119 32.9 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY023291.D

Acq: 05 Sep 2025 10:20

Tgt Ion:152 Resp: 426836

Ion Ratio Lower Upper

152 100

115 55.6 28.2 84.6

150 156.9 0.0 348.0

