

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103025\
 Data File : VY023621.D
 Acq On : 30 Oct 2025 09:40
 Operator : SY/MD
 Sample : VY1030SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1030SBL01

Quant Time: Oct 31 02:34:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	742027	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1269076	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1061841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	422864	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	346812	55.893	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.780%
35) Dibromofluoromethane	7.640	113	403238	51.711	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.420%
50) Toluene-d8	10.109	98	1439935	49.584	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.160%
62) 4-Bromofluorobenzene	12.408	95	396962	41.404	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.800%

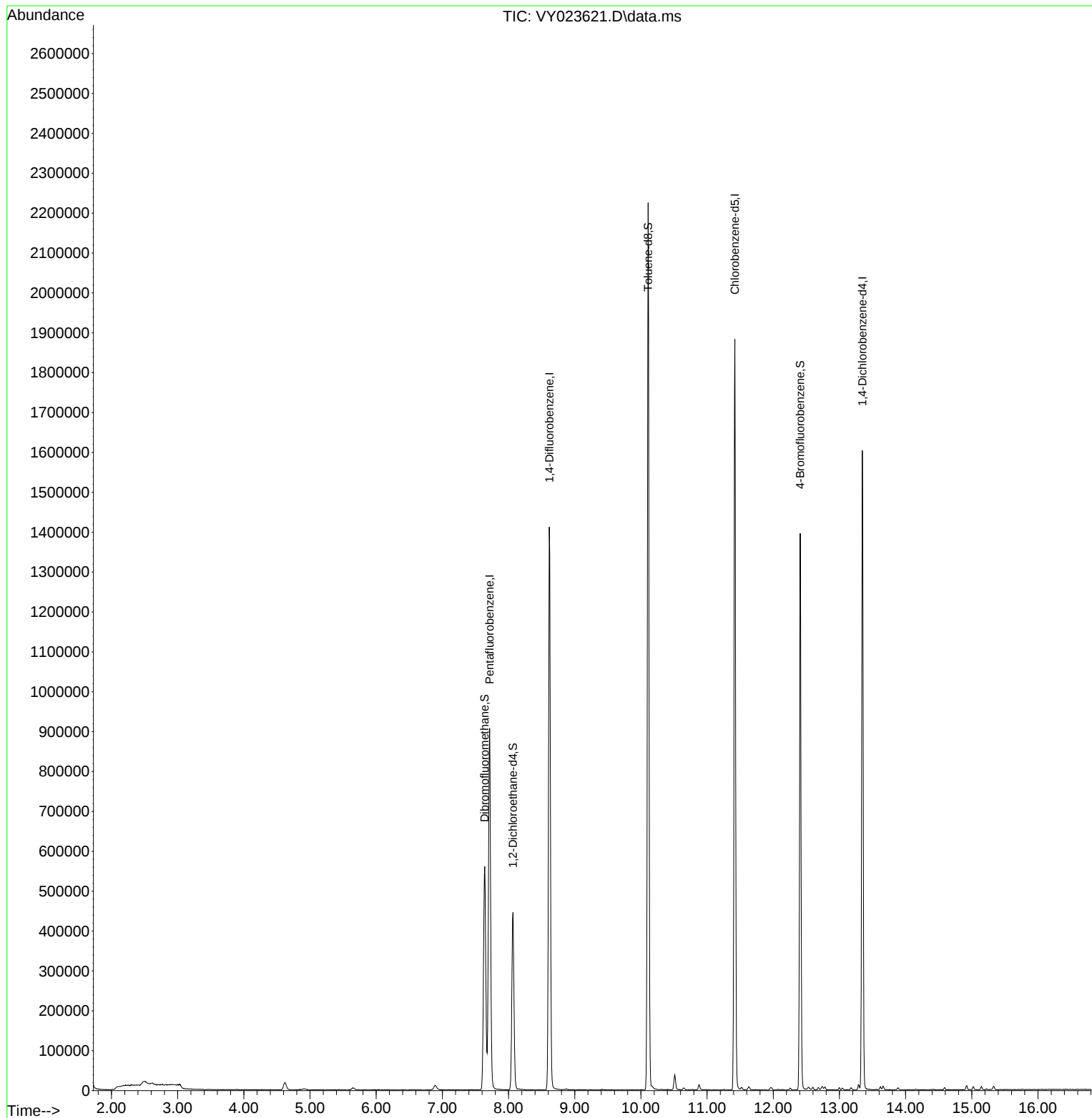
Target Compounds	Qvalue

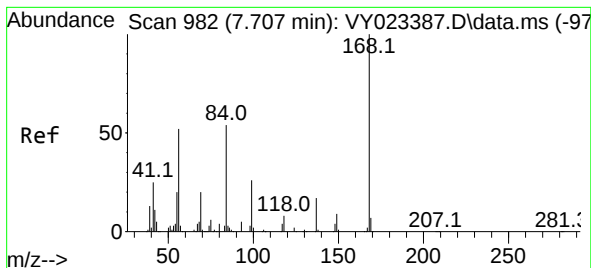
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY023621.D

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Instrument :

MSVOA_Y

ClientSampleId :

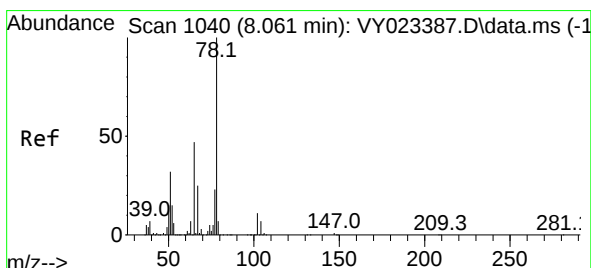
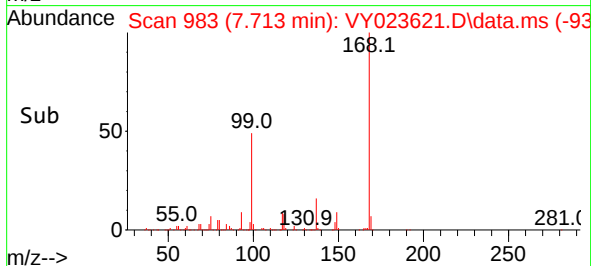
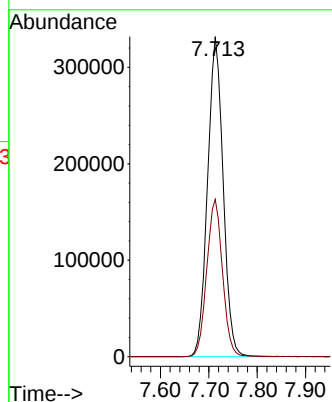
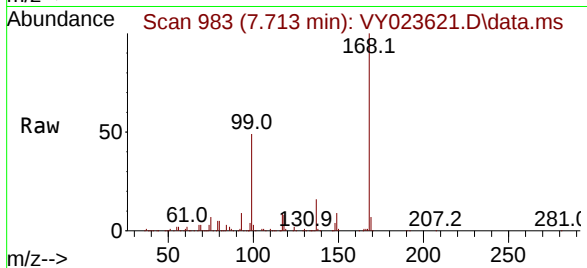
VY1030SBL01

Tgt Ion:168 Resp: 742027

Ion Ratio Lower Upper

168 100

99 49.2 39.7 59.5



#33

1,2-Dichloroethane-d4

Concen: 55.893 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY023621.D

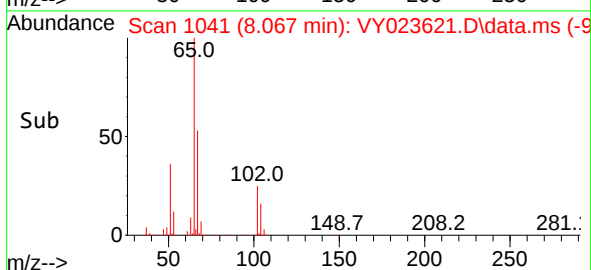
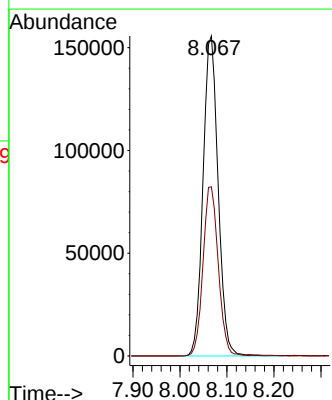
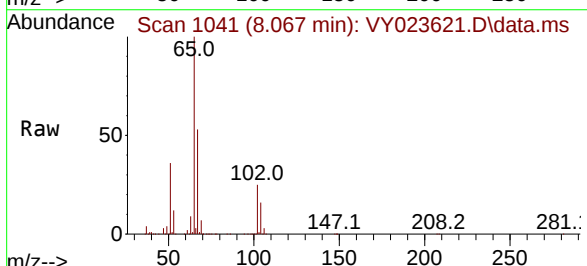
Acq: 30 Oct 2025 09:40

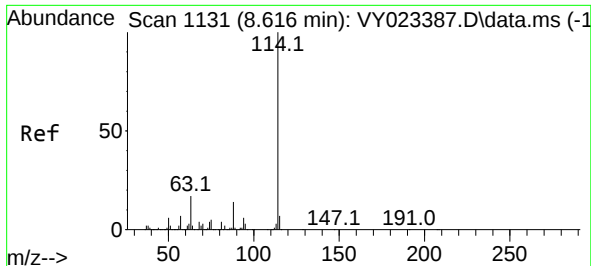
Tgt Ion: 65 Resp: 346812

Ion Ratio Lower Upper

65 100

67 53.6 0.0 105.8

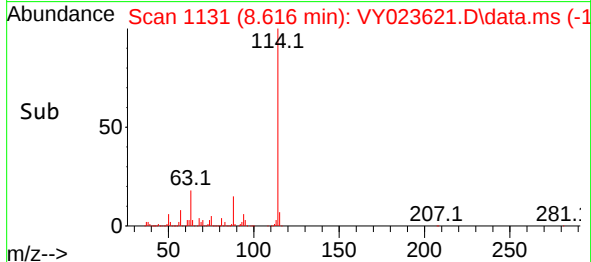
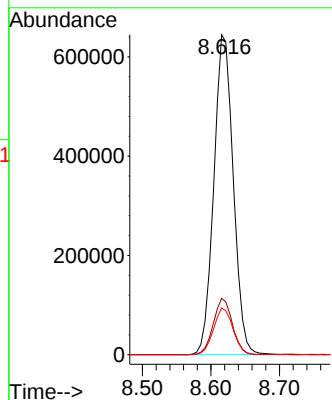
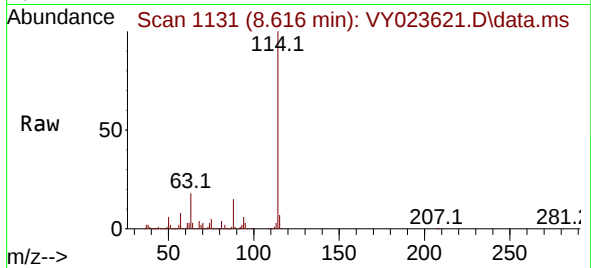




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY023621.D
Acq: 30 Oct 2025 09:40

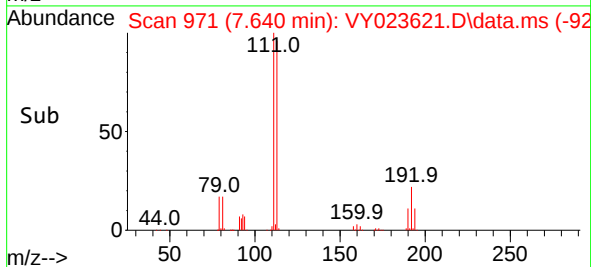
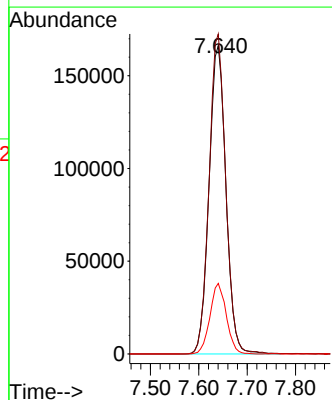
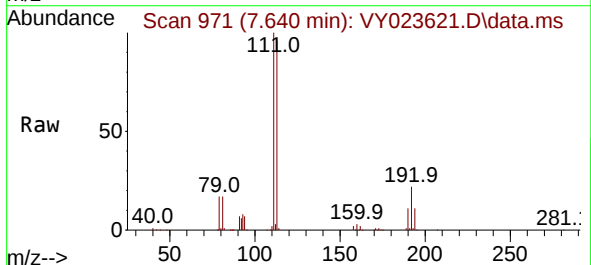
Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBL01

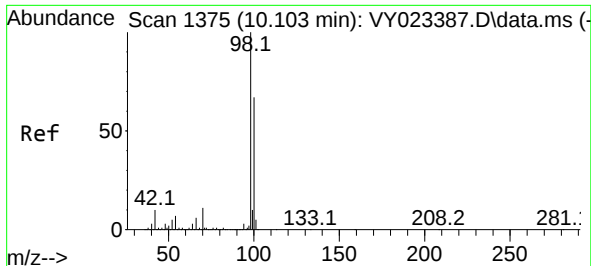
Tgt Ion:114 Resp: 1269076
Ion Ratio Lower Upper
114 100
63 17.6 0.0 34.2
88 14.6 0.0 28.4



#35
Dibromofluoromethane
Concen: 51.711 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY023621.D
Acq: 30 Oct 2025 09:40

Tgt Ion:113 Resp: 403238
Ion Ratio Lower Upper
113 100
111 102.3 81.8 122.6
192 22.1 18.0 27.0

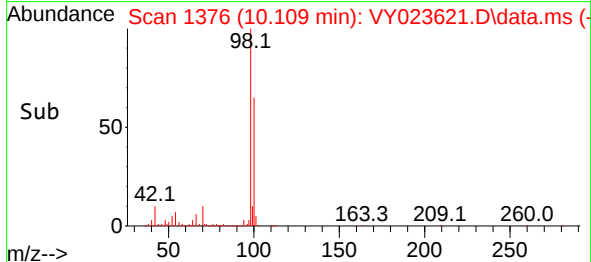
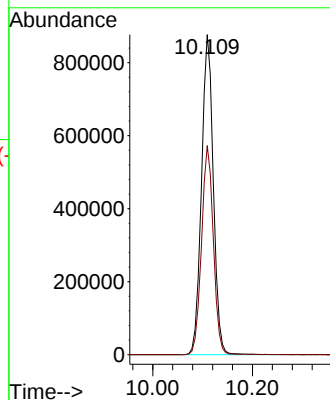
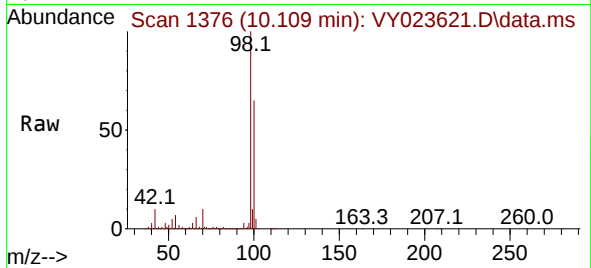




#50
Toluene-d8
Concen: 49.584 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023621.D
Acq: 30 Oct 2025 09:40

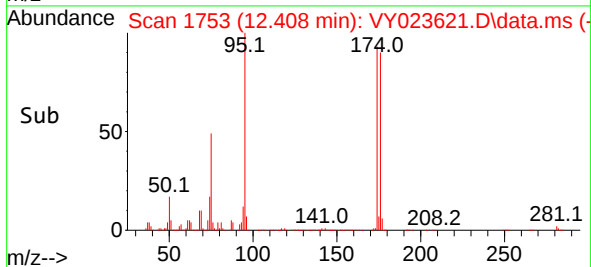
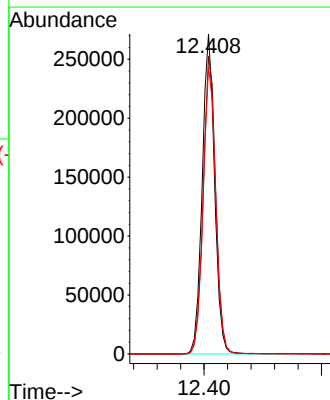
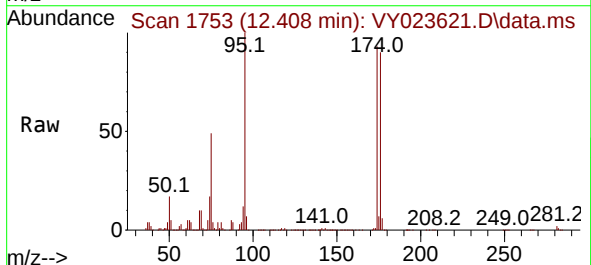
Instrument :
MSVOA_Y
ClientSampleId :
VY1030SBL01

Tgt Ion: 98 Resp: 1439935
Ion Ratio Lower Upper
98 100
100 65.3 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 41.404 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023621.D
Acq: 30 Oct 2025 09:40

Tgt Ion: 95 Resp: 396962
Ion Ratio Lower Upper
95 100
174 94.9 0.0 192.8
176 91.3 0.0 187.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023621.D

Acq: 30 Oct 2025 09:40

Instrument :

MSVOA_Y

ClientSampleId :

VY1030SBL01

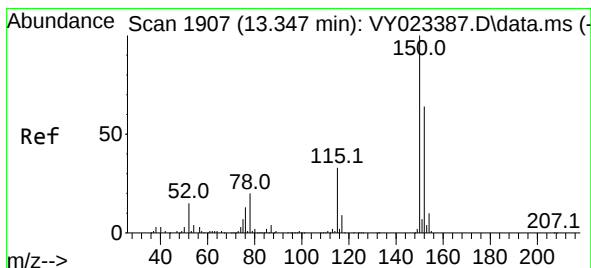
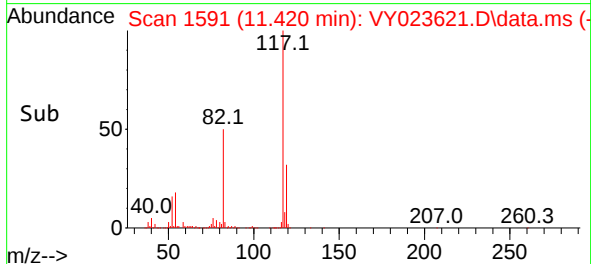
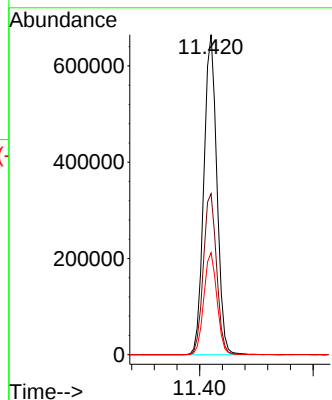
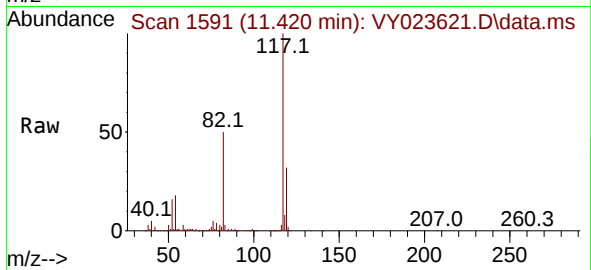
Tgt Ion:117 Resp: 1061841

Ion Ratio Lower Upper

117 100

82 50.3 41.0 61.4

119 31.8 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY023621.D

Acq: 30 Oct 2025 09:40

Tgt Ion:152 Resp: 422864

Ion Ratio Lower Upper

152 100

115 55.2 27.1 81.2

150 157.0 0.0 347.4

