

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
 Data File : VY023575.D
 Acq On : 24 Oct 2025 16:01
 Operator : SY/MD
 Sample : Q3452-03
 Misc : 4.48g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JB-1-VOC

Quant Time: Oct 24 23:53:36 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	804116	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	1320571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	1080404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	430520	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	328900	48.913	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.820%
35) Dibromofluoromethane	7.640	113	409419	50.457	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.920%
50) Toluene-d8	10.109	98	1460028	48.316	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.640%
62) 4-Bromofluorobenzene	12.408	95	394981	39.591	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	79.180%

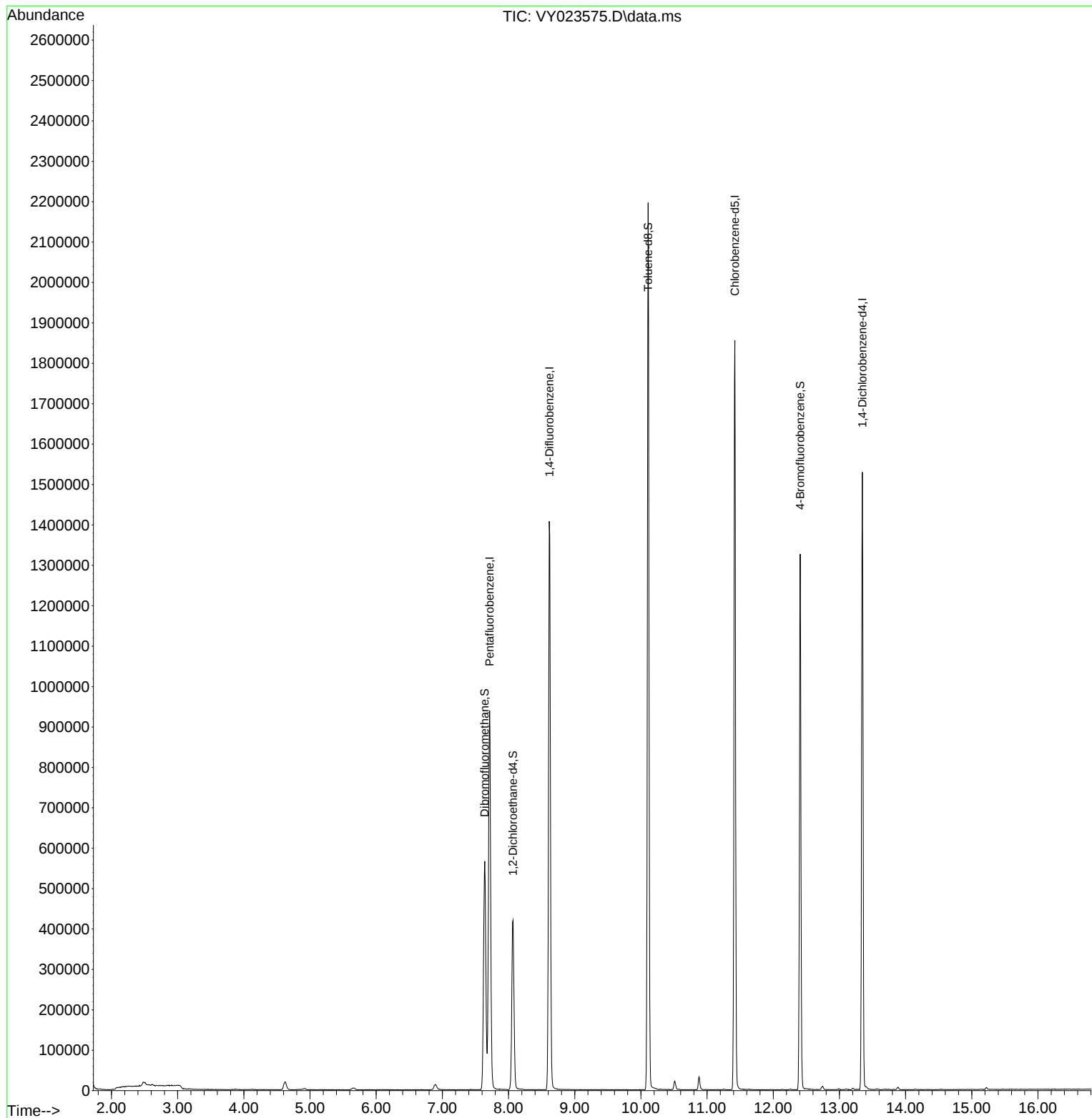
Target Compounds	Qvalue

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102425\
Data File : VY023575.D
Acq On : 24 Oct 2025 16:01
Operator : SY/MD
Sample : Q3452-03
Misc : 4.48g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
JB-1-VOC

Quant Time: Oct 24 23:53:36 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

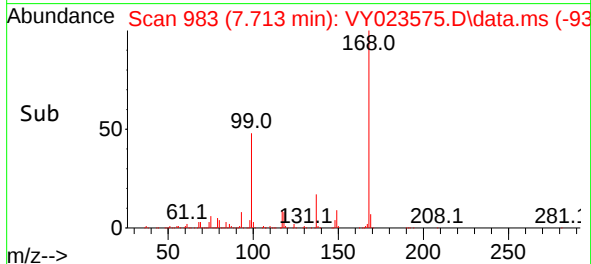
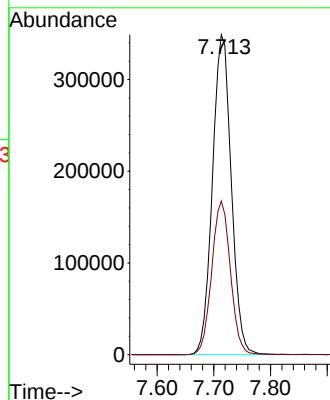
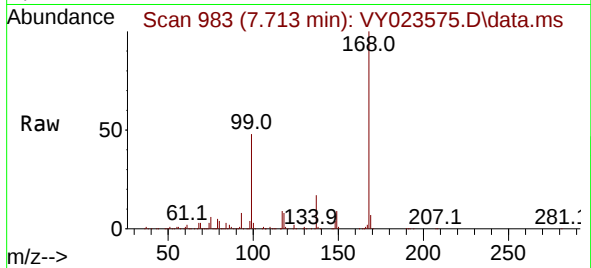




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY023575.D
Acq: 24 Oct 2025 16:01

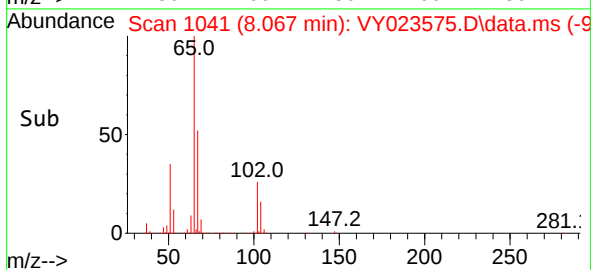
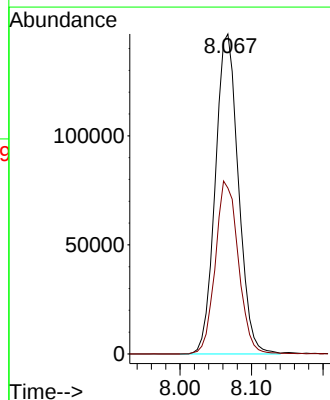
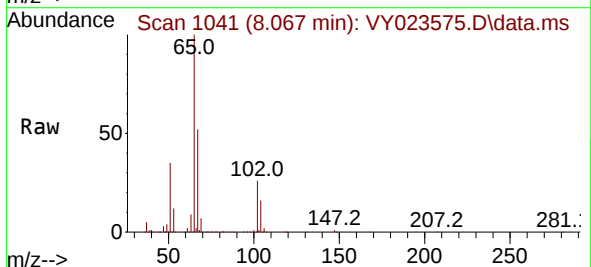
Instrument :
MSVOA_Y
ClientSampleId :
JB-1-VOC

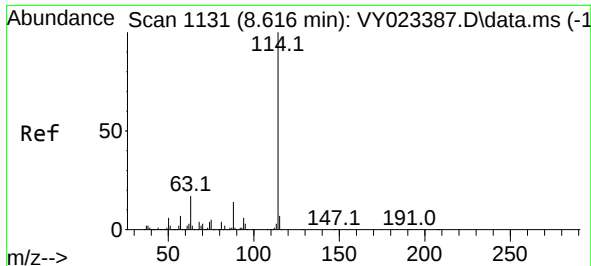
Tgt Ion:168 Resp: 804116
Ion Ratio Lower Upper
168 100
99 48.0 39.7 59.5



#33
1,2-Dichloroethane-d4
Concen: 48.913 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY023575.D
Acq: 24 Oct 2025 16:01

Tgt Ion: 65 Resp: 328900
Ion Ratio Lower Upper
65 100
67 54.0 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: VY023575.D

Acq: 24 Oct 2025 16:01

Instrument :

MSVOA_Y

ClientSampleId :

JB-1-VOC

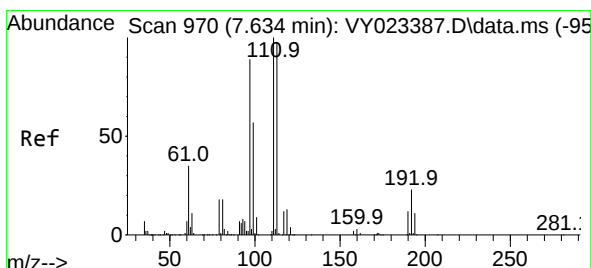
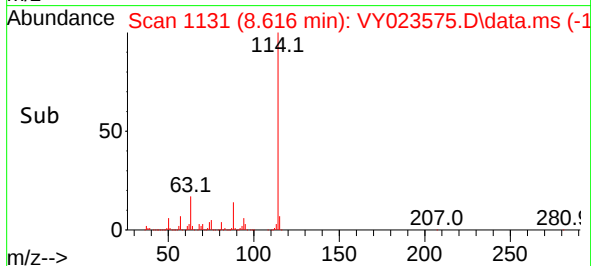
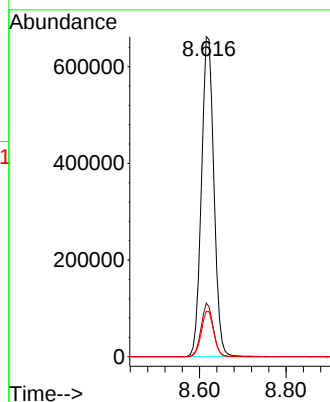
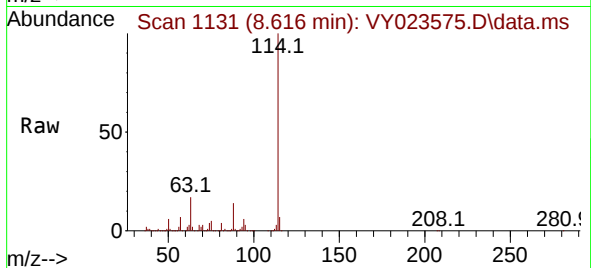
Tgt Ion:114 Resp: 1320571

Ion Ratio Lower Upper

114 100

63 16.8 0.0 34.2

88 14.2 0.0 28.4



#35

Dibromofluoromethane

Concen: 50.457 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY023575.D

Acq: 24 Oct 2025 16:01

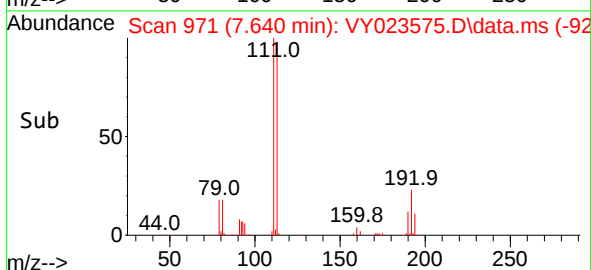
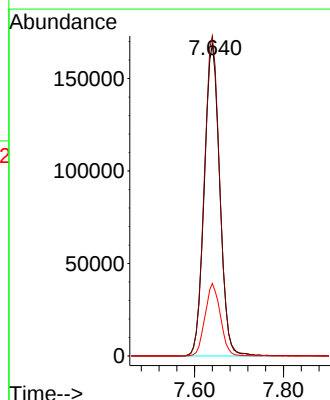
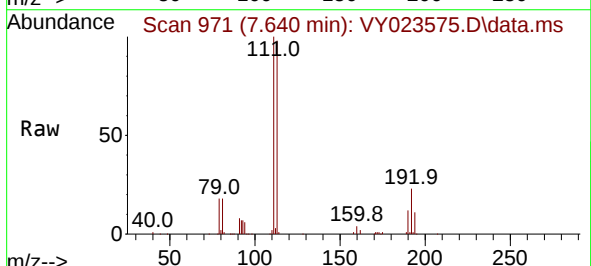
Tgt Ion:113 Resp: 409419

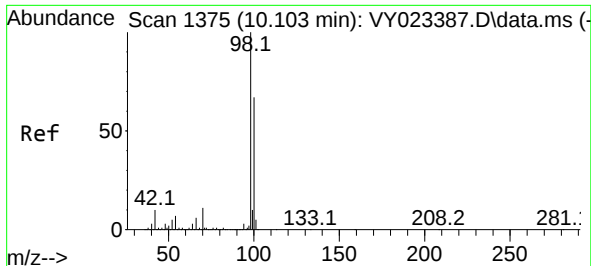
Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.6

192 23.0 18.0 27.0

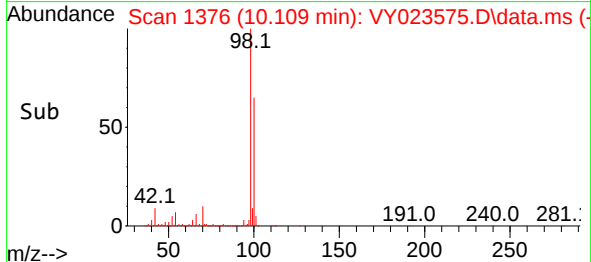
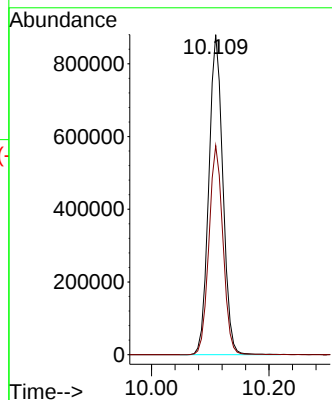
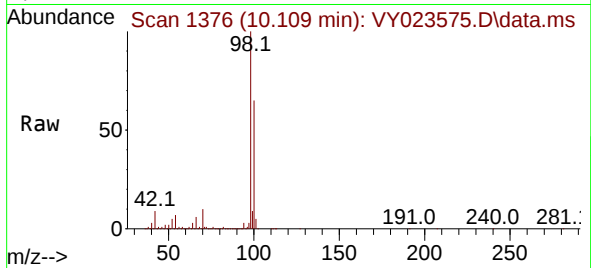




#50
Toluene-d8
Concen: 48.316 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023575.D
Acq: 24 Oct 2025 16:01

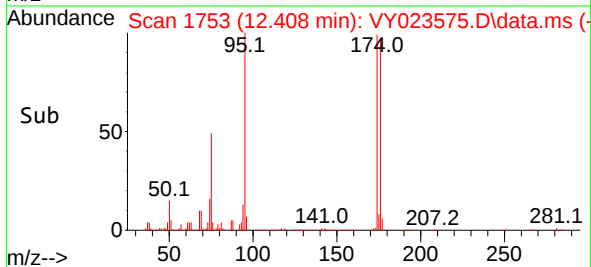
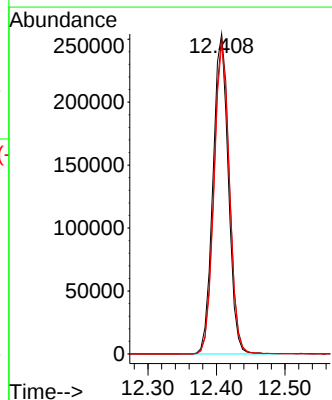
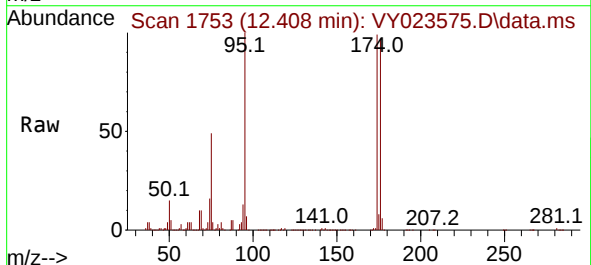
Instrument :
MSVOA_Y
ClientSampleId :
JB-1-VOC

Tgt Ion: 98 Resp: 1460028
Ion Ratio Lower Upper
98 100
100 65.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 39.591 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023575.D
Acq: 24 Oct 2025 16:01

Tgt Ion: 95 Resp: 394981
Ion Ratio Lower Upper
95 100
174 100.1 0.0 192.8
176 96.4 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: VY023575.D

Acq: 24 Oct 2025 16:01

Instrument :

MSVOA_Y

ClientSampleId :

JB-1-VOC

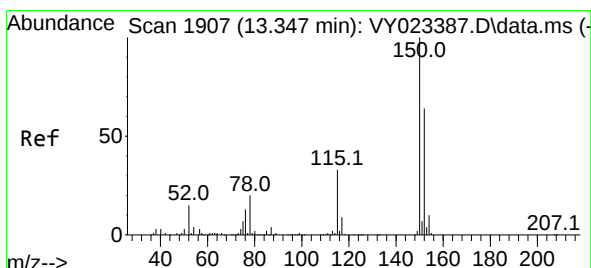
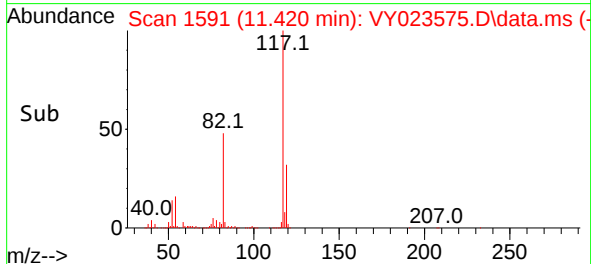
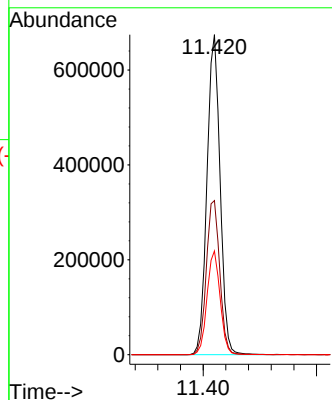
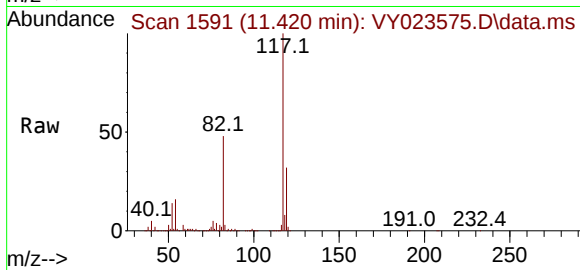
Tgt Ion:117 Resp: 1080404

Ion Ratio Lower Upper

117 100

82 48.2 41.0 61.4

119 32.4 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: VY023575.D

Acq: 24 Oct 2025 16:01

Tgt Ion:152 Resp: 430520

Ion Ratio Lower Upper

152 100

115 53.3 27.1 81.2

150 154.7 0.0 347.4

