

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020425\
 Data File : VY021056.D
 Acq On : 04 Feb 2025 14:16
 Operator : SY/MD
 Sample : Q1232-01
 Misc : 16.92g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-46.2-012925

Quant Time: Feb 05 00:46:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	161743	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	311262	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	293506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	122366	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	110024	66.392	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.780%
35) Dibromofluoromethane	7.634	113	106640	53.460	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.920%
50) Toluene-d8	10.103	98	383760	50.533	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.060%
62) 4-Bromofluorobenzene	12.408	95	125856	50.728	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.460%

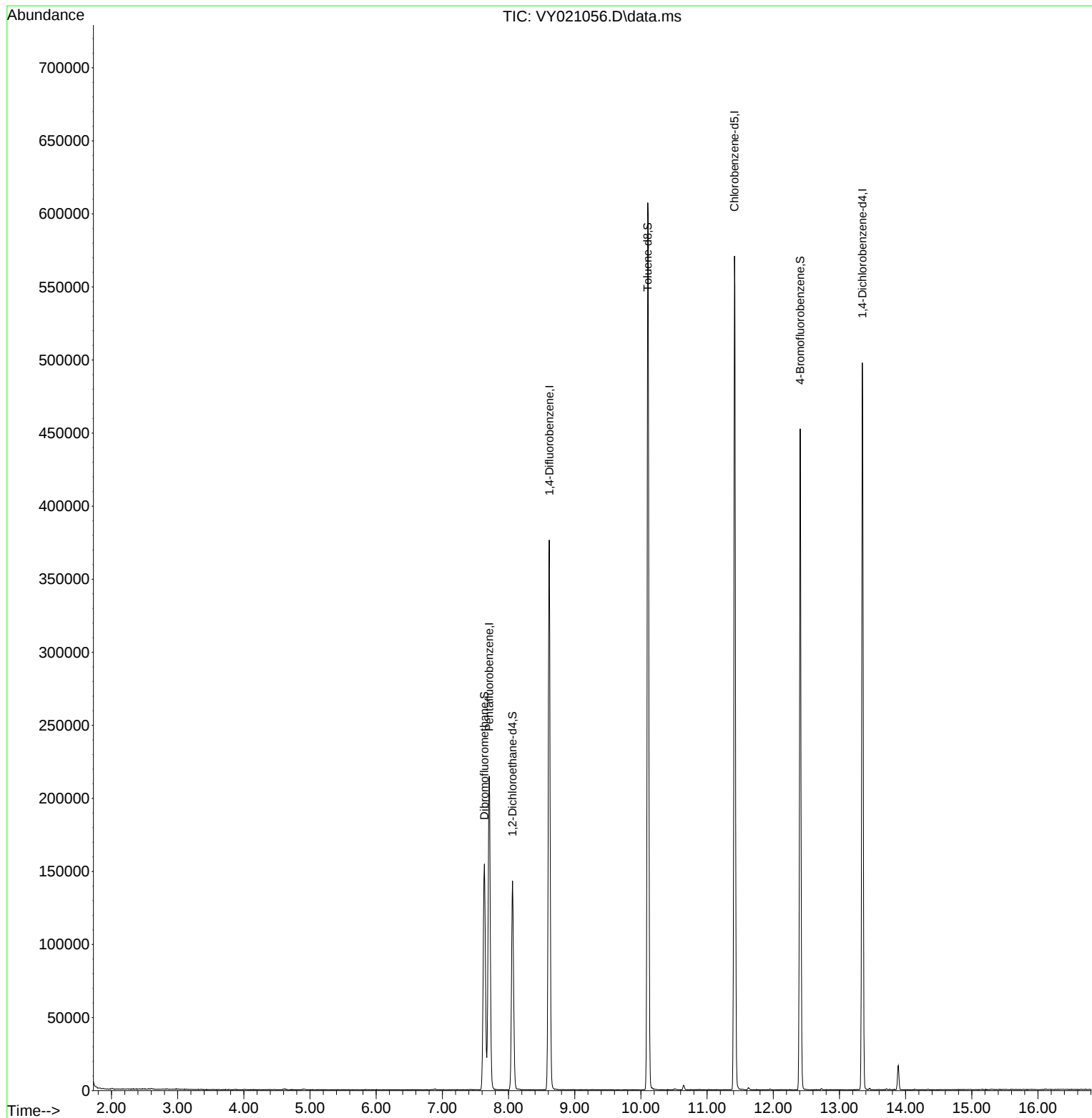
Target Compounds	Qvalue

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

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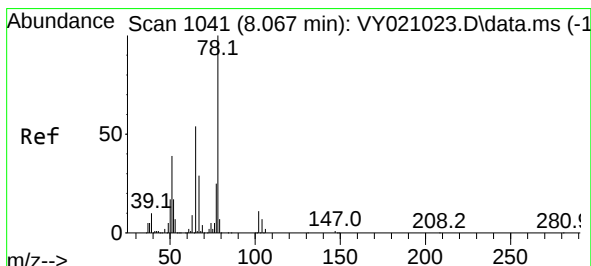
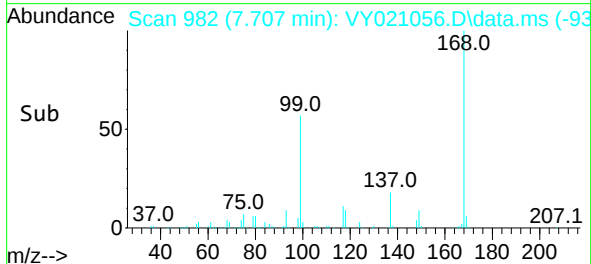
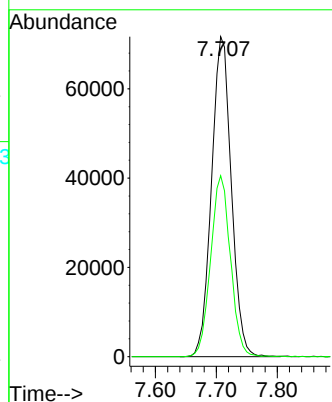
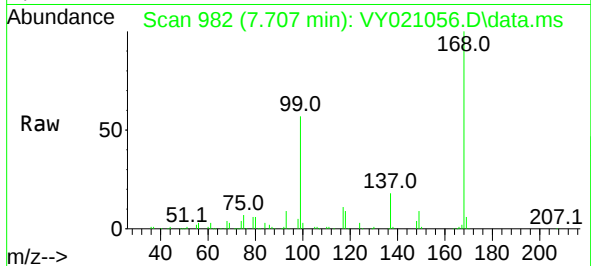




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021056.D
Acq: 04 Feb 2025 14:16

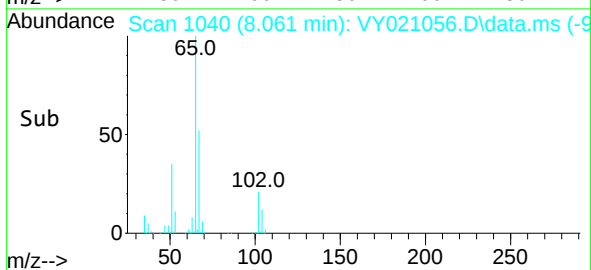
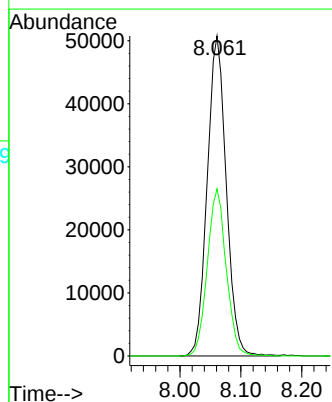
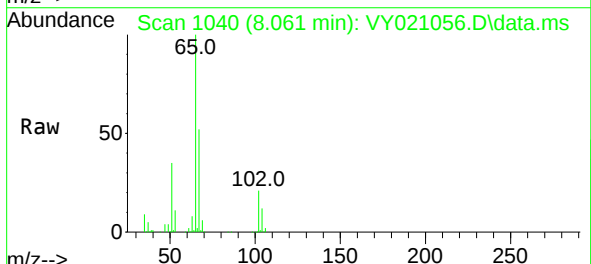
Instrument :
MSVOA_Y
ClientSampleId :
JPP-46.2-012925

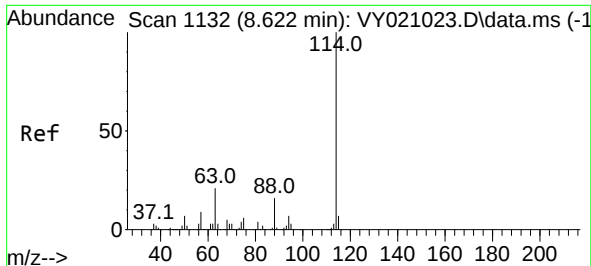
Tgt Ion:168 Resp: 161743
Ion Ratio Lower Upper
168 100
99 56.5 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 66.392 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021056.D
Acq: 04 Feb 2025 14:16

Tgt Ion: 65 Resp: 110024
Ion Ratio Lower Upper
65 100
67 51.8 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VY021056.D

Acq: 04 Feb 2025 14:16

Instrument :

MSVOA_Y

ClientSampleId :

JPP-46.2-012925

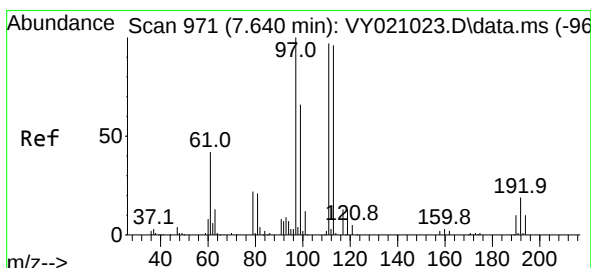
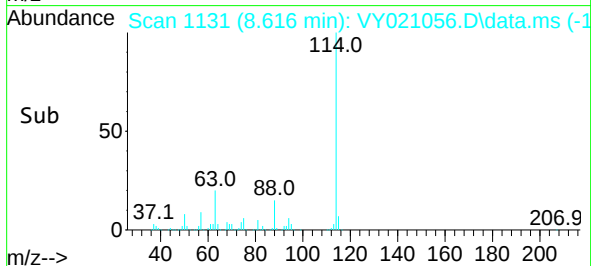
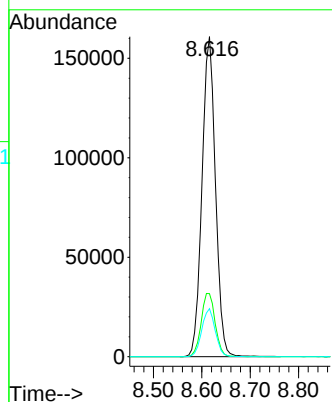
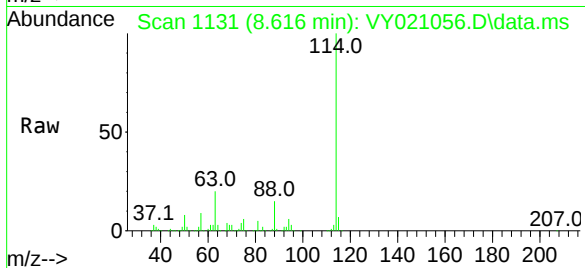
Tgt Ion:114 Resp: 311262

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 15.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 53.460 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY021056.D

Acq: 04 Feb 2025 14:16

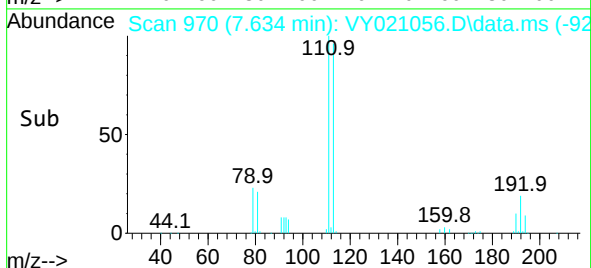
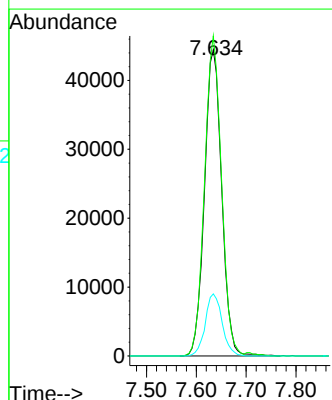
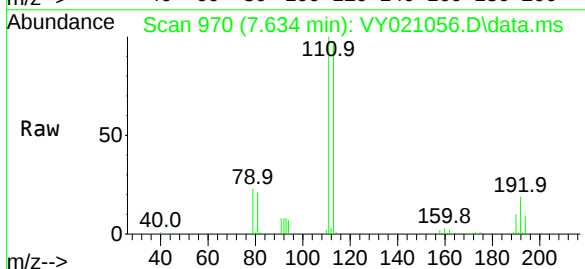
Tgt Ion:113 Resp: 106640

Ion Ratio Lower Upper

113 100

111 102.6 83.8 125.6

192 19.9 14.5 21.7

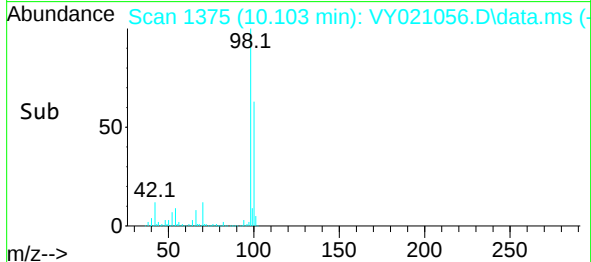
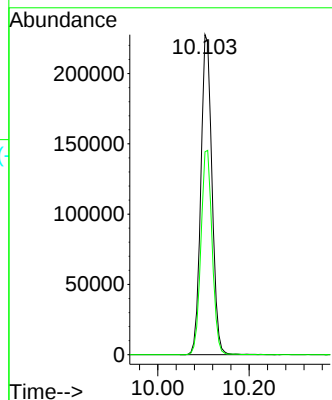
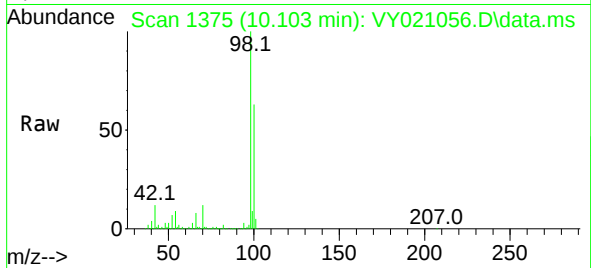




#50
Toluene-d8
Concen: 50.533 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY021056.D
Acq: 04 Feb 2025 14:16

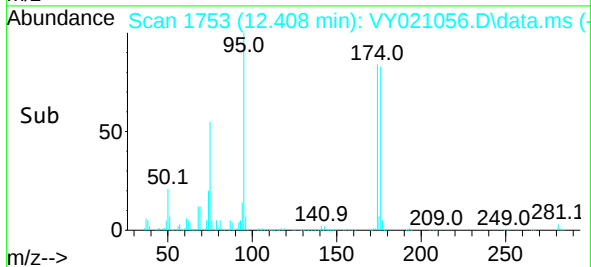
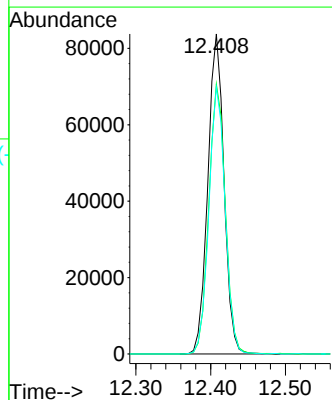
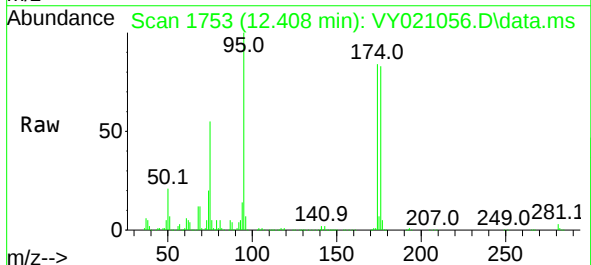
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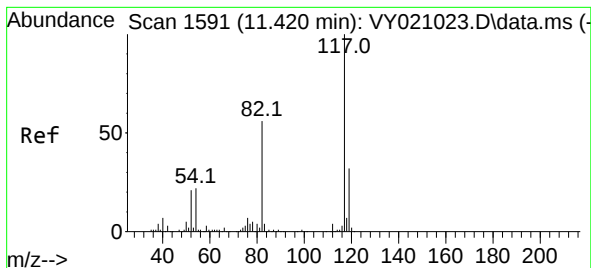
Tgt Ion: 98 Resp: 383760
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 50.728 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021056.D
Acq: 04 Feb 2025 14:16

Tgt Ion: 95 Resp: 125856
Ion Ratio Lower Upper
95 100
174 86.3 0.0 160.0
176 84.1 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY021056.D

Acq: 04 Feb 2025 14:16

Instrument :

MSVOA_Y

ClientSampleId :

JPP-46.2-012925

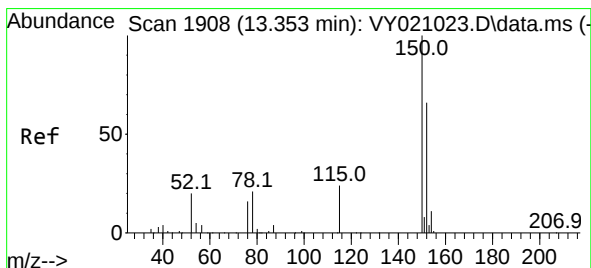
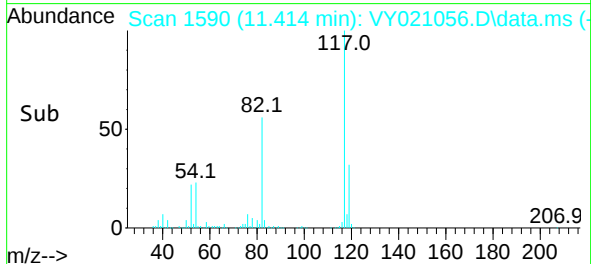
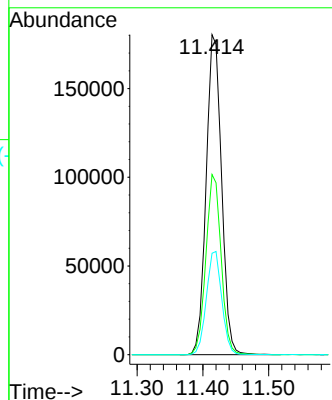
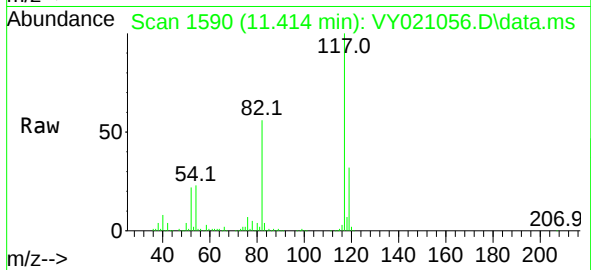
Tgt Ion:117 Resp: 293506

Ion Ratio Lower Upper

117 100

82 56.3 43.8 65.8

119 31.7 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.006 min

Lab File: VY021056.D

Acq: 04 Feb 2025 14:16

Tgt Ion:152 Resp: 122366

Ion Ratio Lower Upper

152 100

115 58.0 30.0 90.0

150 156.7 0.0 344.6

