

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042525\
 Data File : VY021998.D
 Acq On : 25 Apr 2025 10:02
 Operator : SY/MD
 Sample : VY0425SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0425SBL01

Quant Time: Apr 25 22:54:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	318260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	597057	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	506435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	176455	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	150999	51.365	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.740%
35) Dibromofluoromethane	7.634	113	201963	51.201	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.400%
50) Toluene-d8	10.109	98	701942	47.203	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.400%
62) 4-Bromofluorobenzene	12.408	95	180555	36.067	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	72.140%

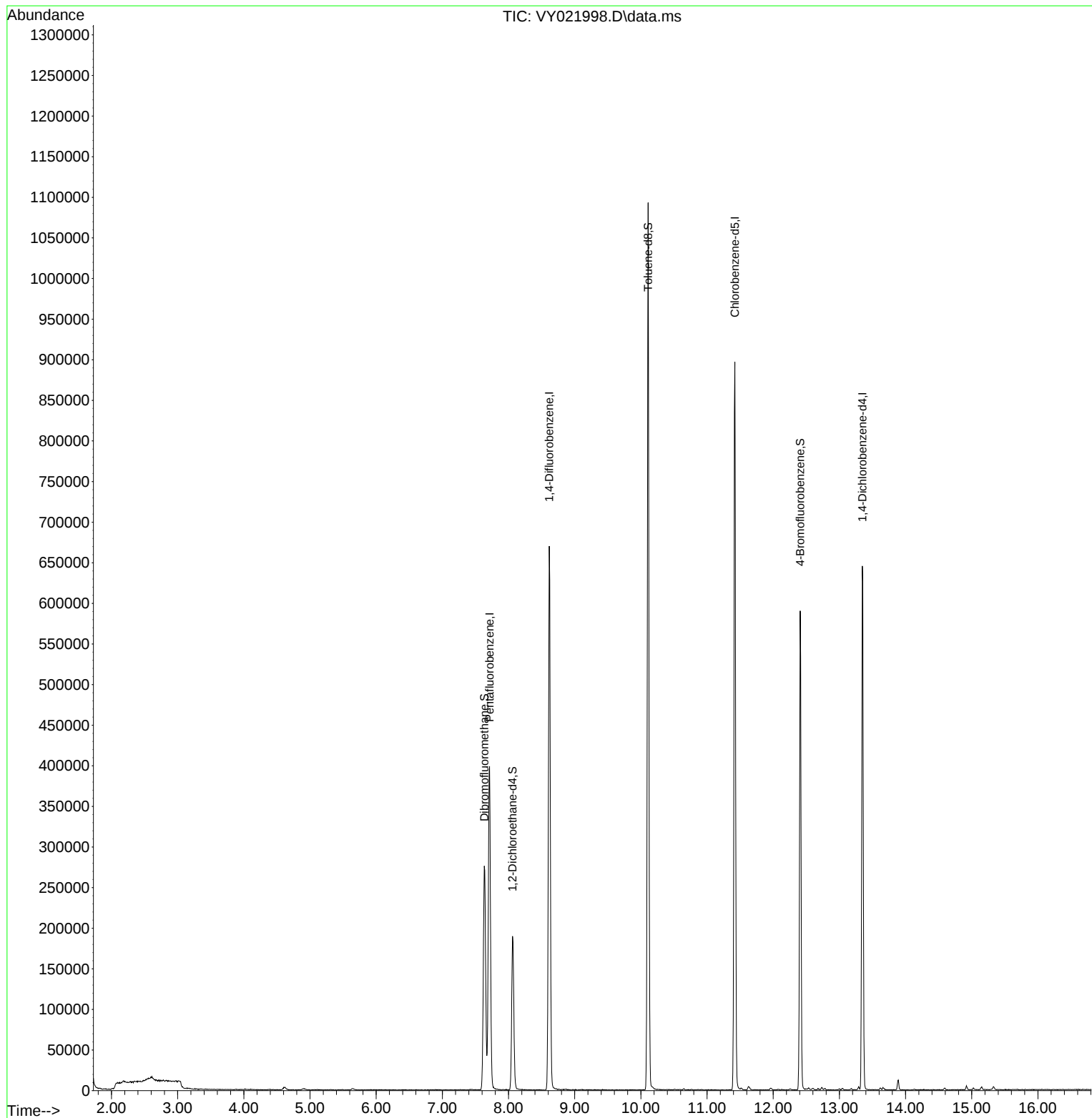
Target Compounds	Qvalue

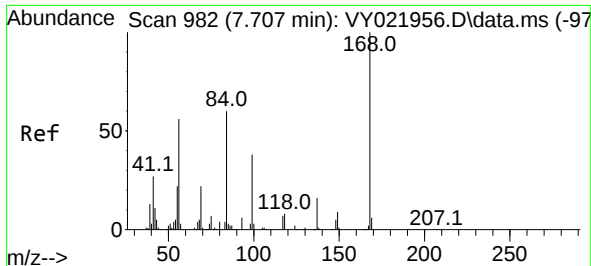
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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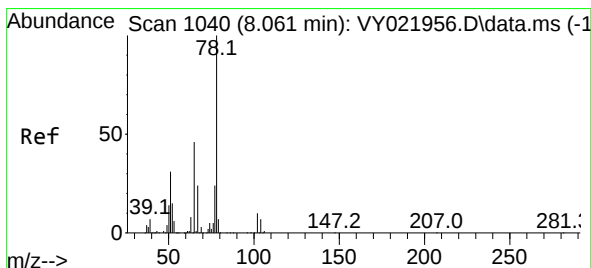
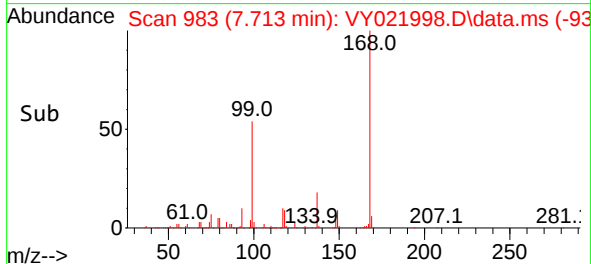
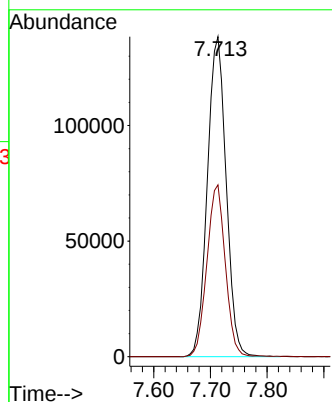
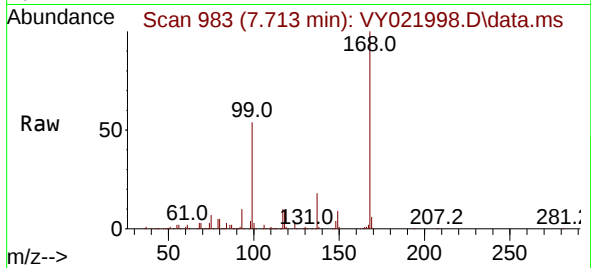




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021998.D
Acq: 25 Apr 2025 10:02

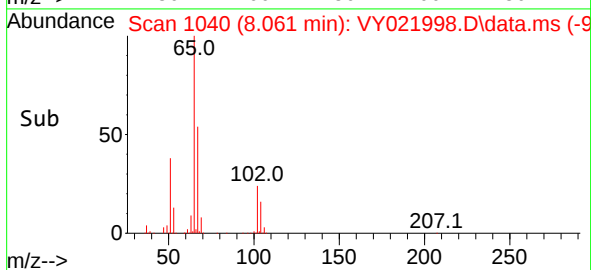
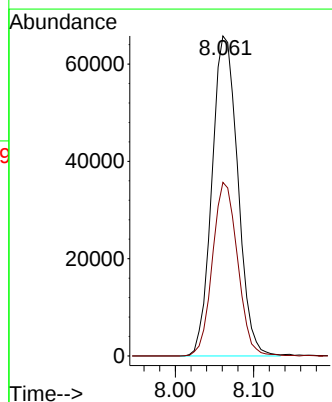
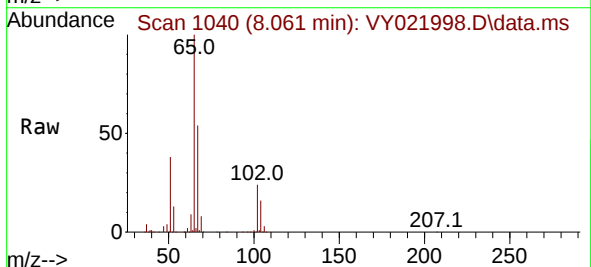
Instrument :
MSVOA_Y
ClientSampleId :
VY0425SBL01

Tgt Ion:168 Resp: 318260
Ion Ratio Lower Upper
168 100
99 53.7 43.1 64.7



#33
1,2-Dichloroethane-d4
Concen: 51.365 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY021998.D
Acq: 25 Apr 2025 10:02

Tgt Ion: 65 Resp: 150999
Ion Ratio Lower Upper
65 100
67 52.7 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: VY021998.D

Acq: 25 Apr 2025 10:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0425SBL01

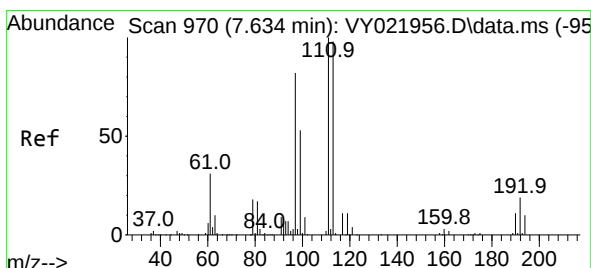
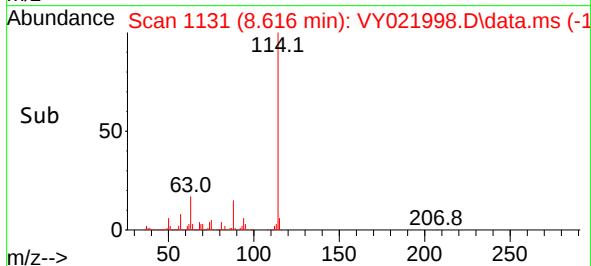
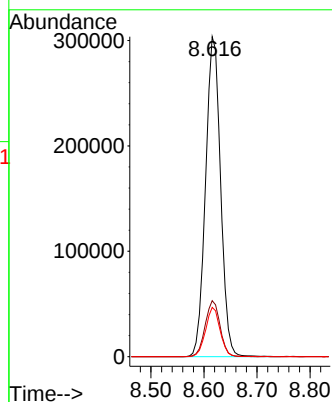
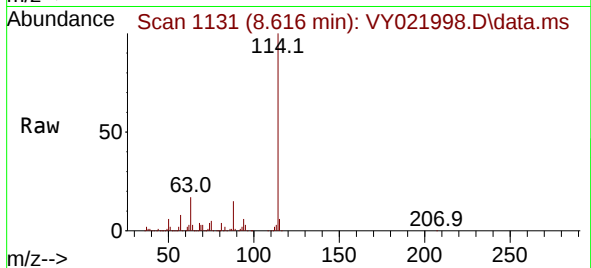
Tgt Ion:114 Resp: 597057

Ion Ratio Lower Upper

114 100

63 17.5 0.0 35.4

88 15.4 0.0 28.2



#35

Dibromofluoromethane

Concen: 51.201 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY021998.D

Acq: 25 Apr 2025 10:02

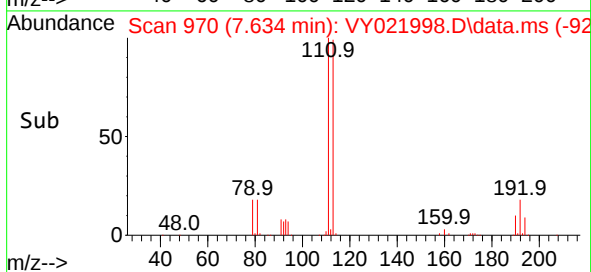
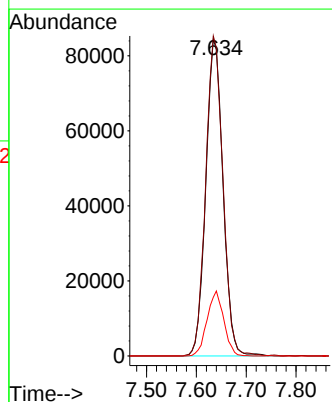
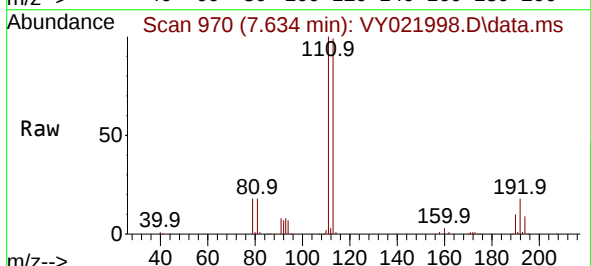
Tgt Ion:113 Resp: 201963

Ion Ratio Lower Upper

113 100

111 101.5 81.8 122.8

192 19.9 15.6 23.4

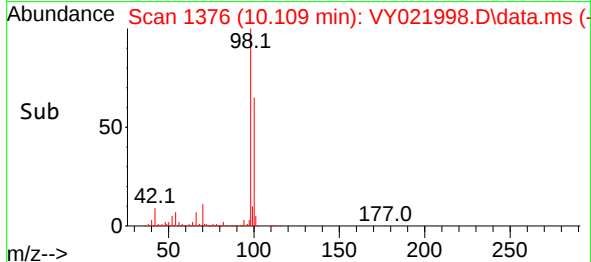
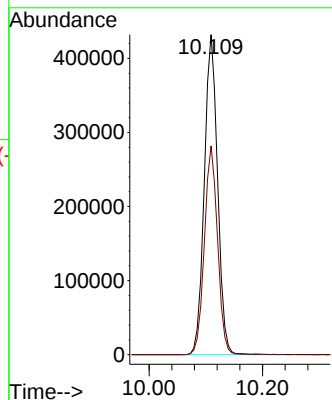
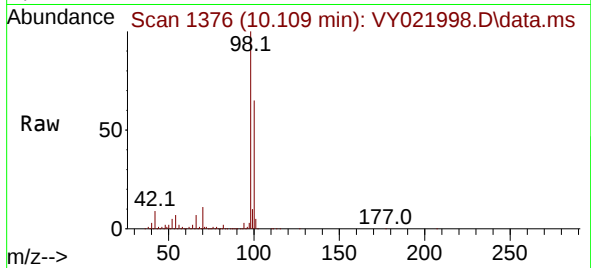




#50
Toluene-d8
Concen: 47.203 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. 0.006 min
Lab File: VY021998.D
Acq: 25 Apr 2025 10:02

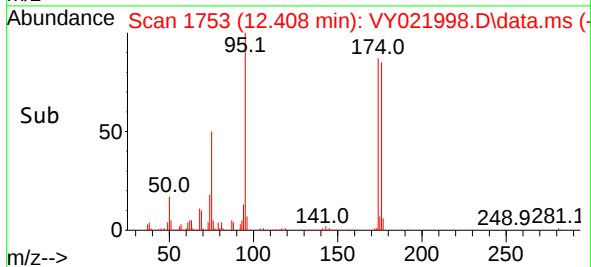
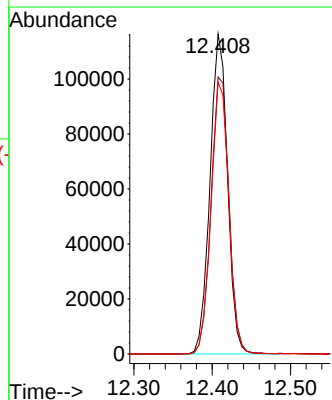
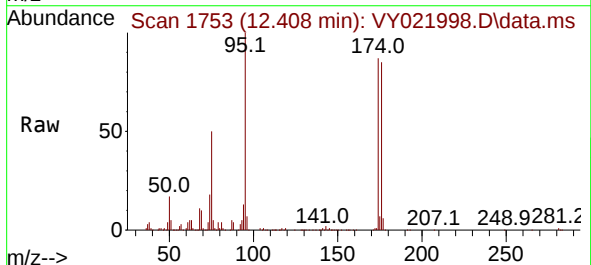
Instrument :
MSVOA_Y
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VY0425SBL01

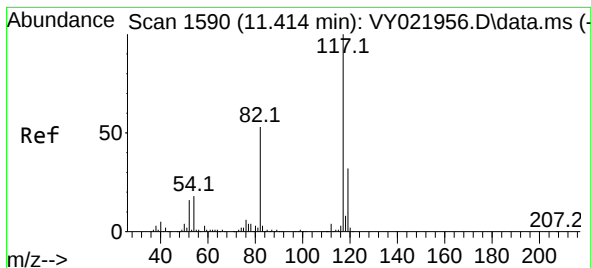
Tgt Ion: 98 Resp: 701942
Ion Ratio Lower Upper
98 100
100 64.6 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 36.067 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY021998.D
Acq: 25 Apr 2025 10:02

Tgt Ion: 95 Resp: 180555
Ion Ratio Lower Upper
95 100
174 88.9 0.0 179.0
176 86.0 0.0 171.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021998.D

Acq: 25 Apr 2025 10:02

Instrument :

MSVOA_Y

ClientSampleId :

VY0425SBL01

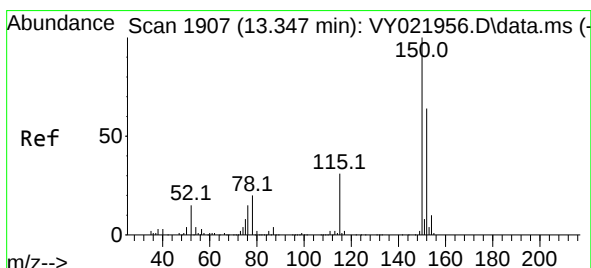
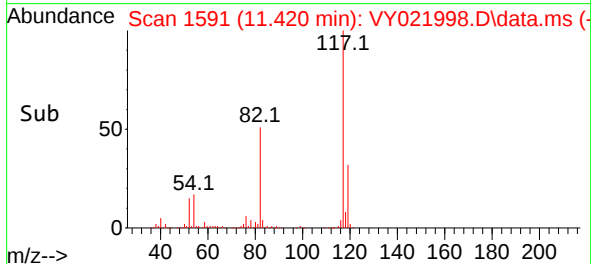
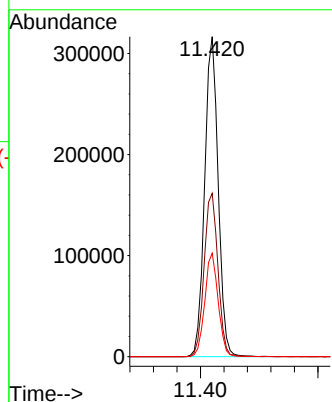
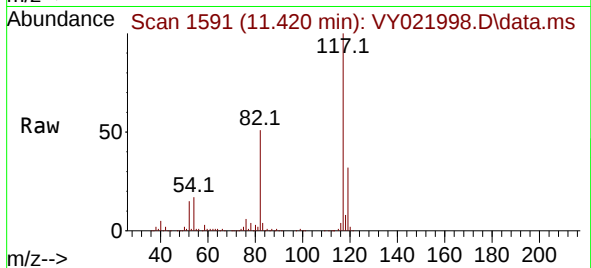
Tgt Ion:117 Resp: 506435

Ion Ratio Lower Upper

117 100

82 51.0 42.1 63.1

119 32.3 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY021998.D

Acq: 25 Apr 2025 10:02

Tgt Ion:152 Resp: 176455

Ion Ratio Lower Upper

152 100

115 56.3 28.0 84.0

150 157.5 0.0 345.6

