

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020725\
 Data File : VY021139.D
 Acq On : 07 Feb 2025 15:02
 Operator : SY/MD
 Sample : Q1304-01
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RB21140

Quant Time: Feb 08 02:42:10 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	7.713	168	55205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	82812	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	57044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	14345	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	21297	37.653	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	75.300%
35) Dibromofluoromethane	7.634	113	24628	46.405	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.820%
50) Toluene-d8	10.109	98	91386	45.230	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.460%
62) 4-Bromofluorobenzene	12.408	95	19514	29.563	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	59.120%

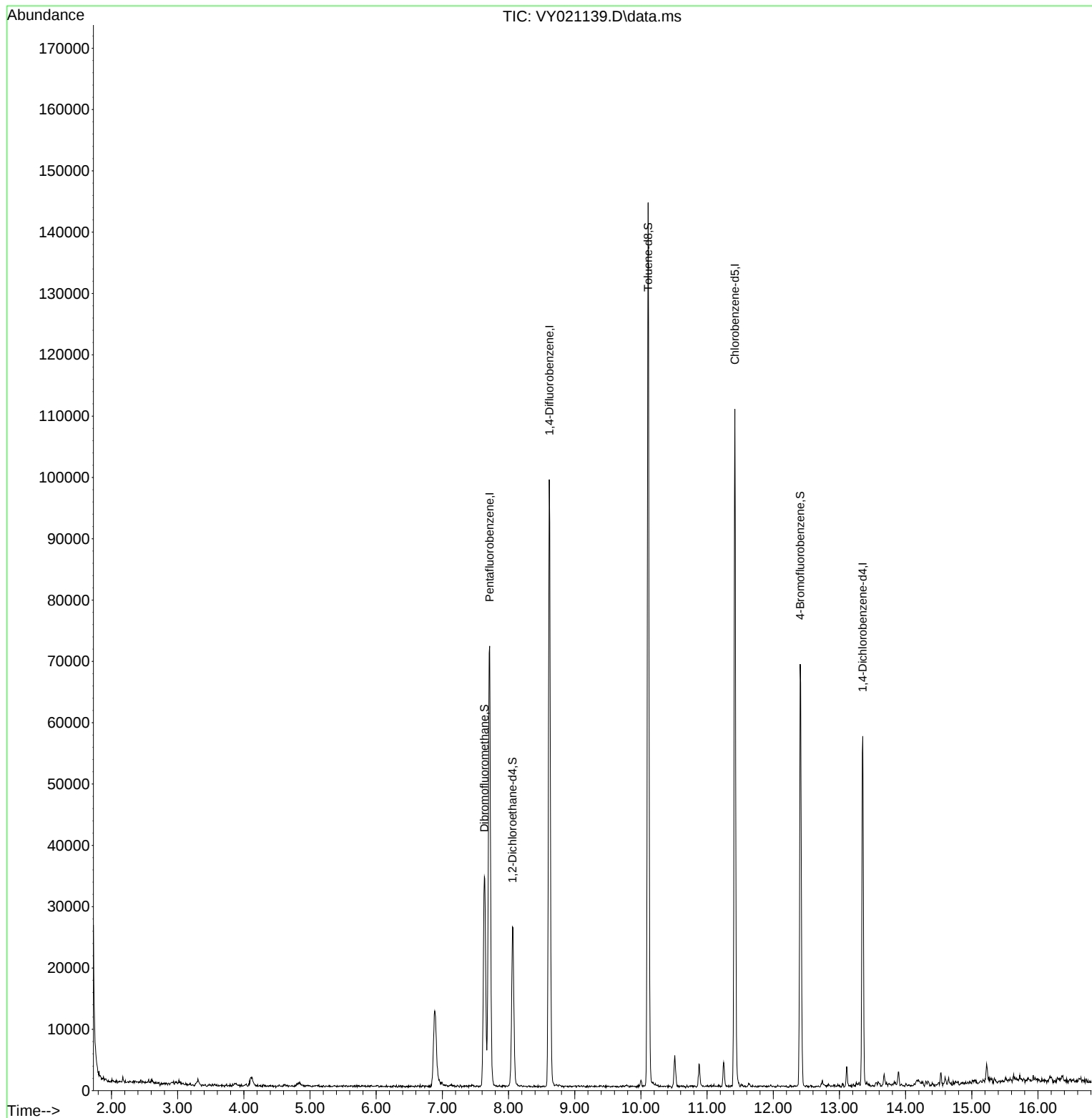
Target Compounds	Qvalue

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

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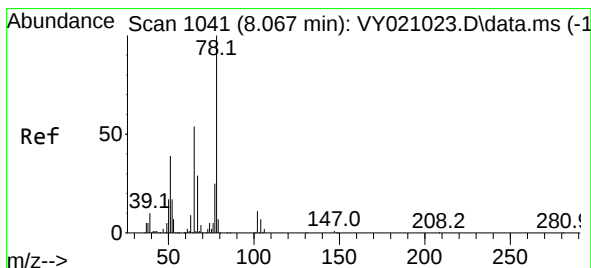
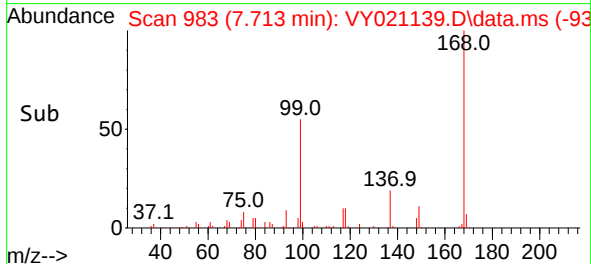
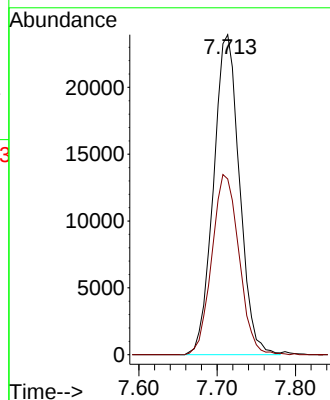
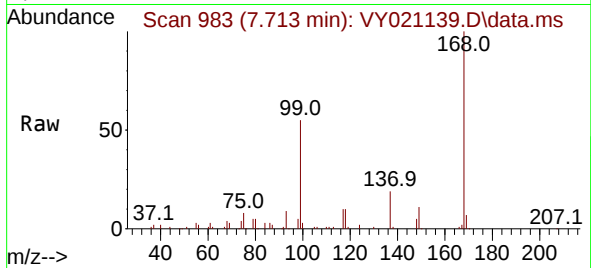




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021139.D
Acq: 07 Feb 2025 15:02

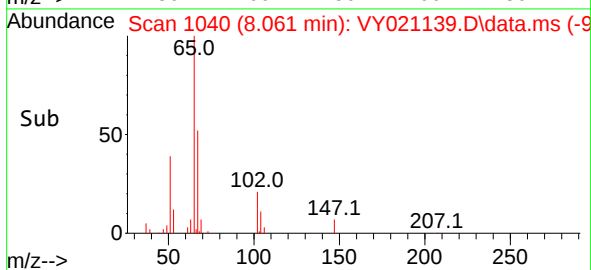
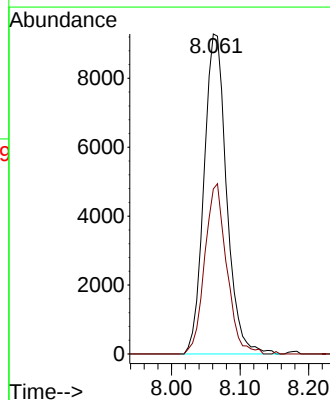
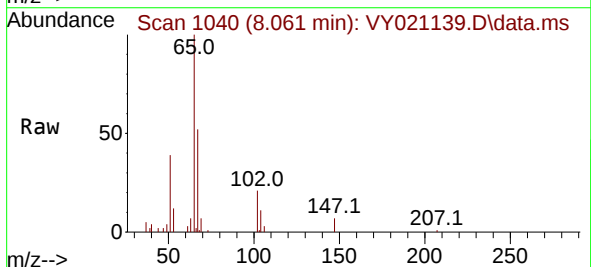
Instrument :
MSVOA_Y
ClientSampleId :
RB21140

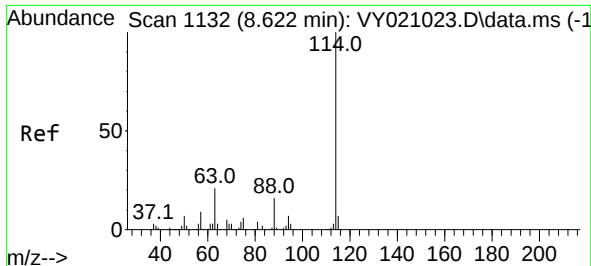
Tgt Ion:168 Resp: 55205
Ion Ratio Lower Upper
168 100
99 54.9 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 37.653 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021139.D
Acq: 07 Feb 2025 15:02

Tgt Ion: 65 Resp: 21297
Ion Ratio Lower Upper
65 100
67 51.8 0.0 109.0

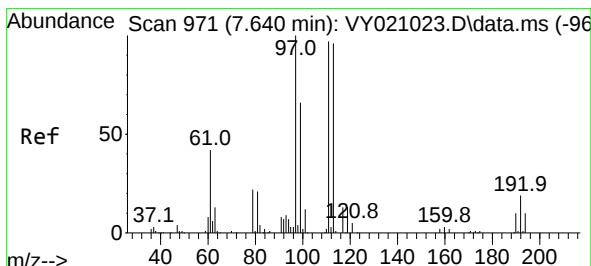
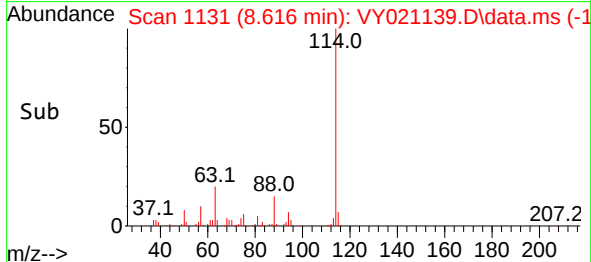
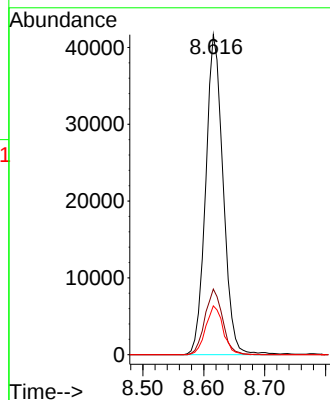
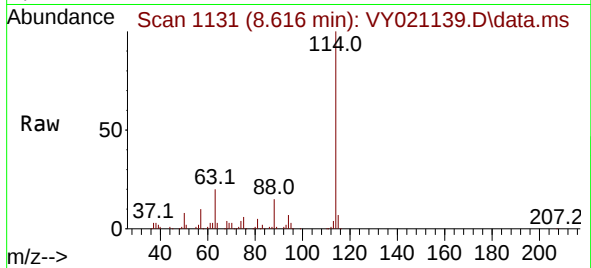




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021139.D
Acq: 07 Feb 2025 15:02

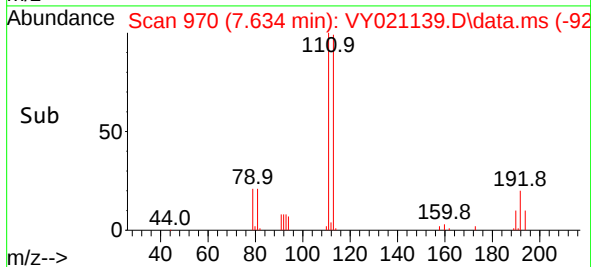
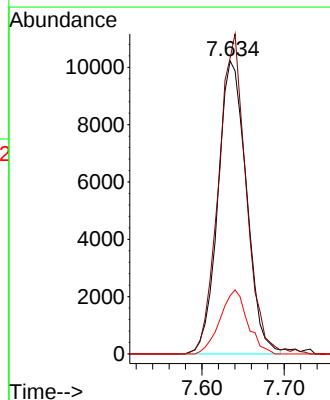
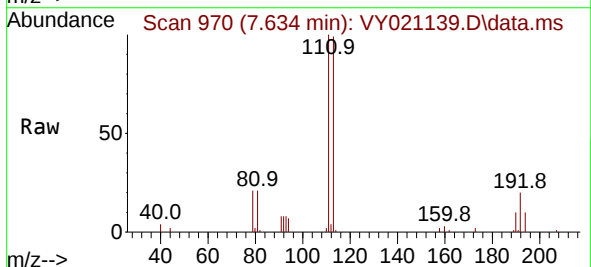
Instrument :
MSVOA_Y
ClientSampleId :
RB21140

Tgt Ion:114 Resp: 82812
Ion Ratio Lower Upper
114 100
63 20.5 0.0 37.4
88 15.2 0.0 29.0



#35
Dibromofluoromethane
Concen: 46.405 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021139.D
Acq: 07 Feb 2025 15:02

Tgt Ion:113 Resp: 24628
Ion Ratio Lower Upper
113 100
111 105.5 83.8 125.6
192 21.0 14.5 21.7

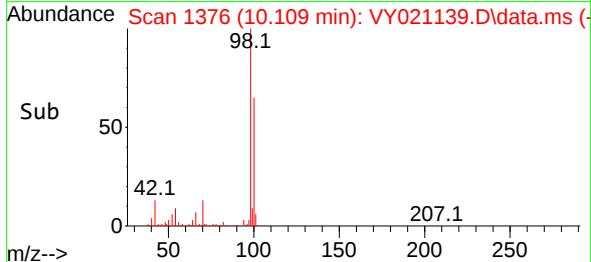
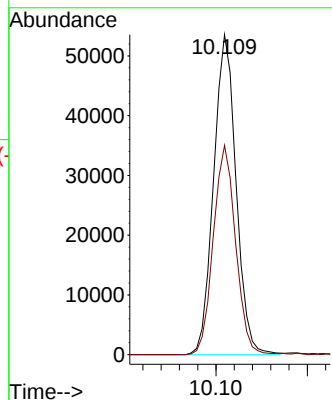
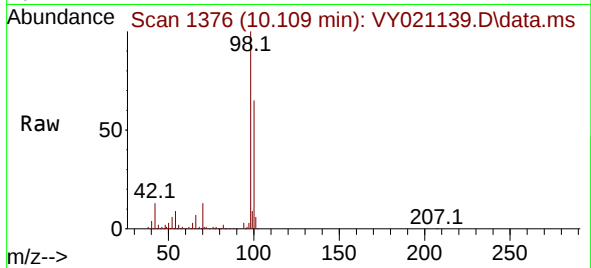




#50
Toluene-d8
Concen: 45.230 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021139.D
Acq: 07 Feb 2025 15:02

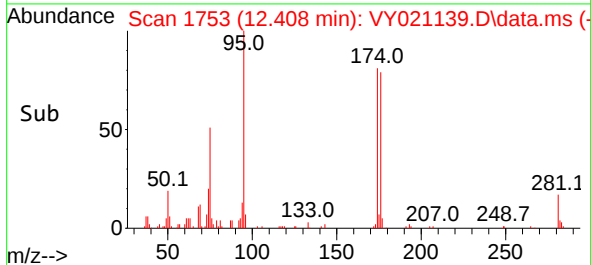
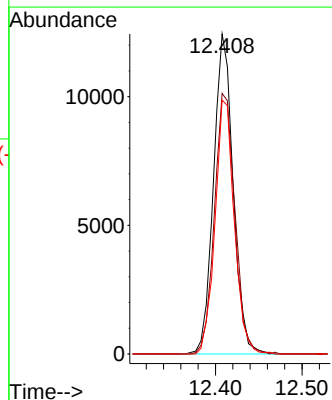
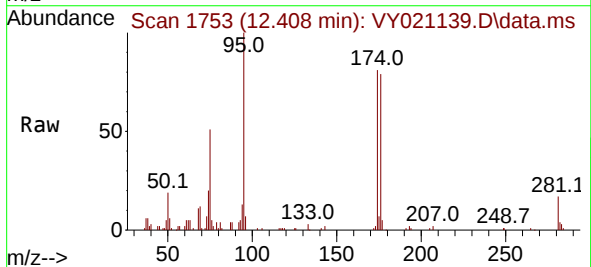
Instrument :
MSVOA_Y
ClientSampleId :
RB21140

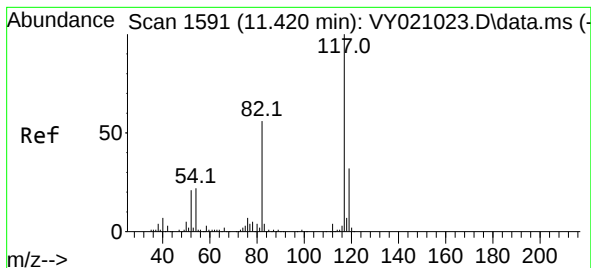
Tgt Ion: 98 Resp: 91386
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 29.563 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021139.D
Acq: 07 Feb 2025 15:02

Tgt Ion: 95 Resp: 19514
Ion Ratio Lower Upper
95 100
174 85.3 0.0 160.0
176 78.2 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY021139.D

Acq: 07 Feb 2025 15:02

Instrument :

MSVOA_Y

ClientSampleId :

RB21140

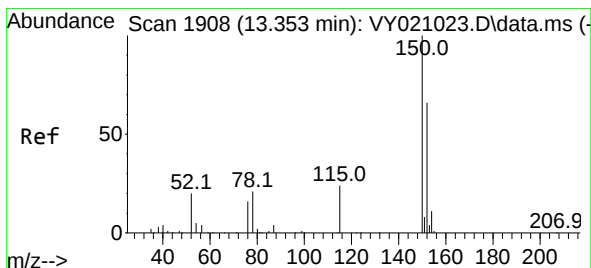
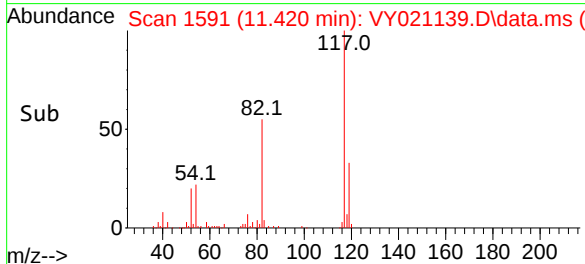
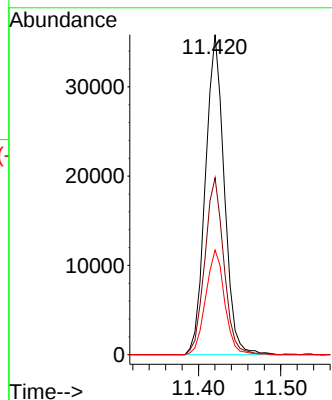
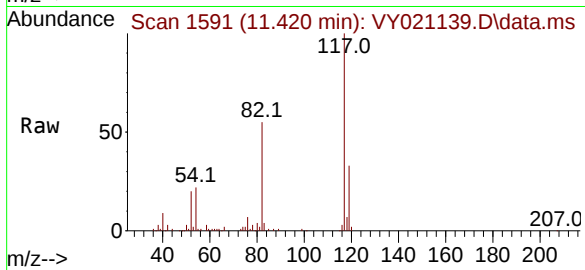
Tgt Ion:117 Resp: 57044

Ion Ratio Lower Upper

117 100

82 55.3 43.8 65.8

119 32.7 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021139.D

Acq: 07 Feb 2025 15:02

Tgt Ion:152 Resp: 14345

Ion Ratio Lower Upper

152 100

115 59.1 30.0 90.0

150 159.1 0.0 344.6

