

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020425\
 Data File : VY021071.D
 Acq On : 04 Feb 2025 20:07
 Operator : SY/MD
 Sample : Q1216-13
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-26.1-012825

Quant Time: Feb 05 00:51:43 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	158642	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	291874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	271395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	110517	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	91463	56.271	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.540%
35) Dibromofluoromethane	7.634	113	96354	51.512	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.020%
50) Toluene-d8	10.109	98	358462	50.337	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.680%
62) 4-Bromofluorobenzene	12.407	95	112284	48.264	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.520%

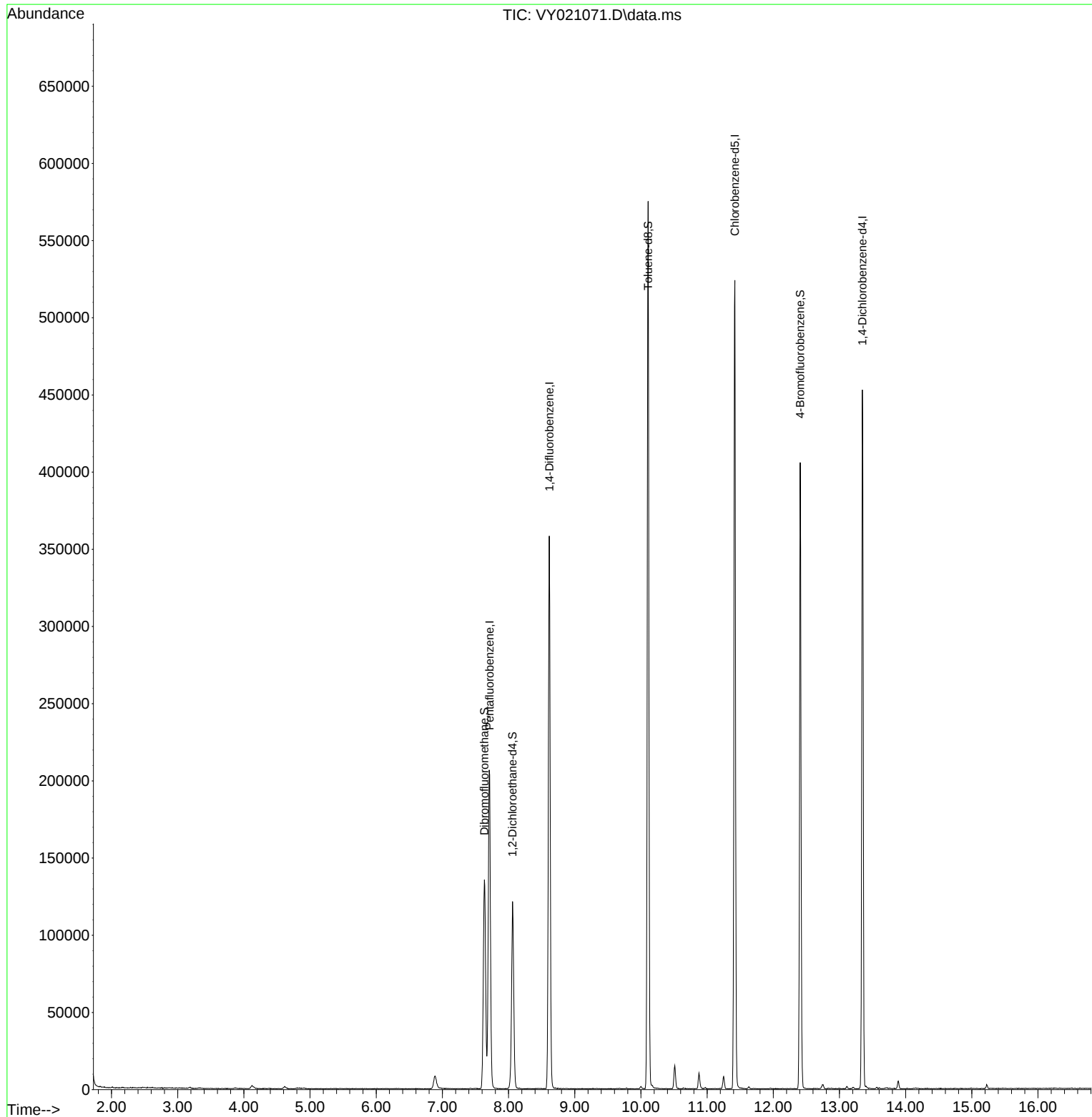
Target Compounds	Qvalue

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

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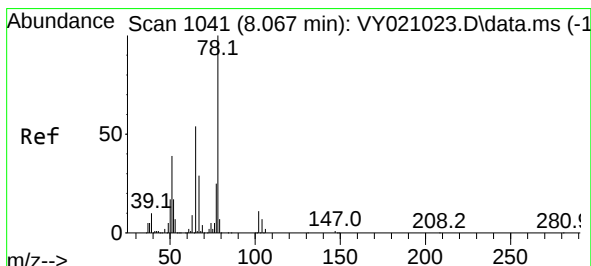
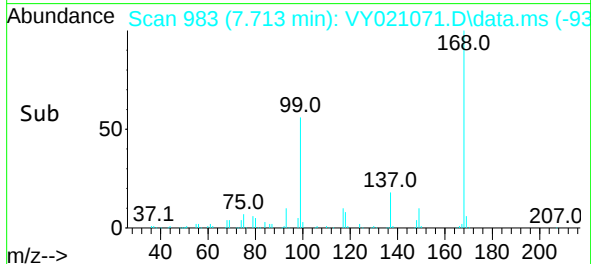
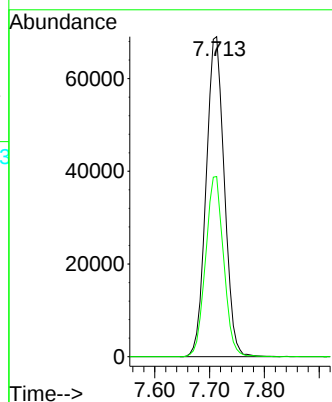
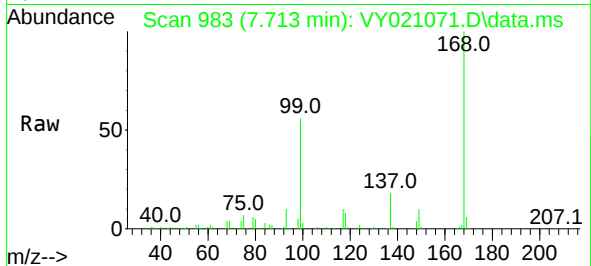




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021071.D
Acq: 04 Feb 2025 20:07

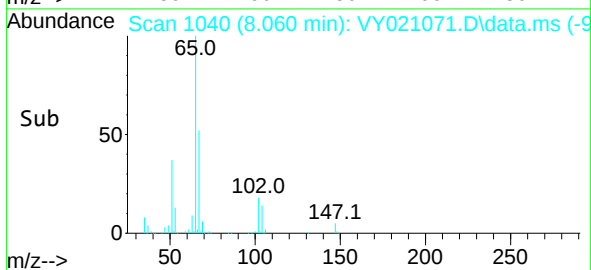
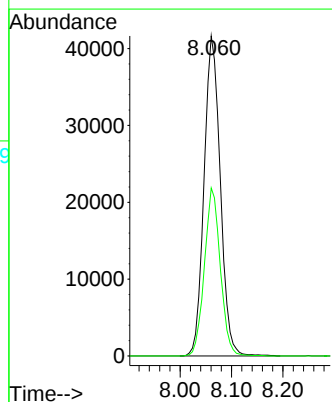
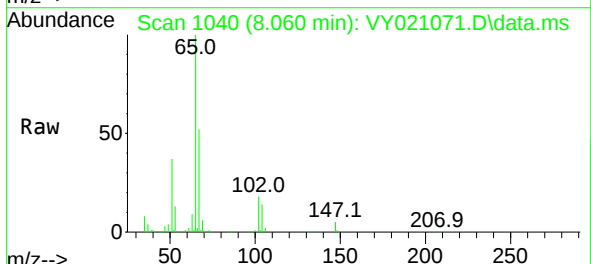
Instrument :
MSVOA_Y
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JPP-26.1-012825

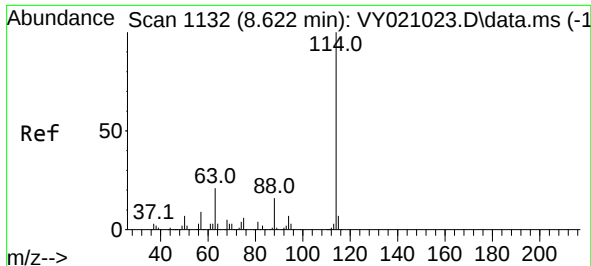
Tgt Ion:168 Resp: 158642
Ion Ratio Lower Upper
168 100
99 56.3 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 56.271 ug/l
RT: 8.060 min Scan# 1040
Delta R.T. -0.007 min
Lab File: VY021071.D
Acq: 04 Feb 2025 20:07

Tgt Ion: 65 Resp: 91463
Ion Ratio Lower Upper
65 100
67 51.4 0.0 109.0

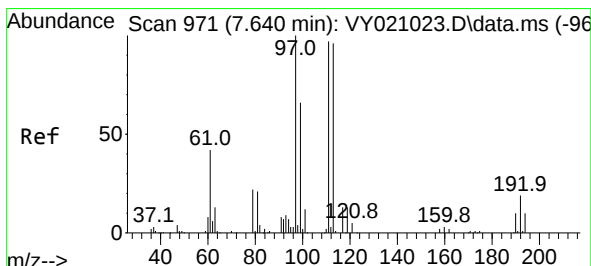
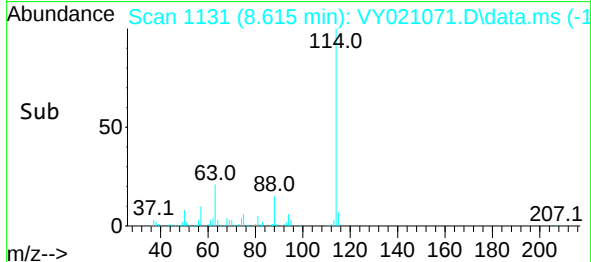
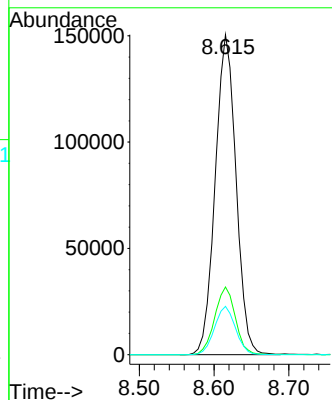
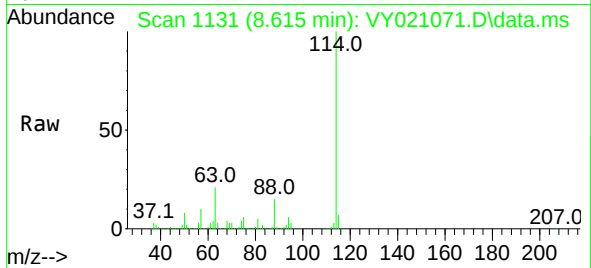




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1132
Delta R.T. -0.007 min
Lab File: VY021071.D
Acq: 04 Feb 2025 20:07

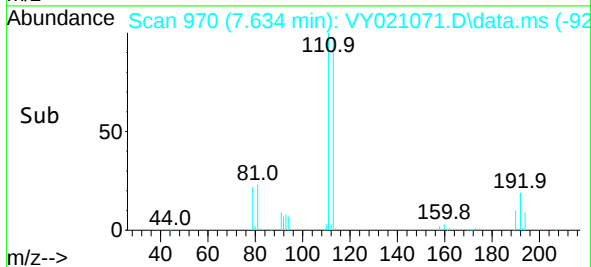
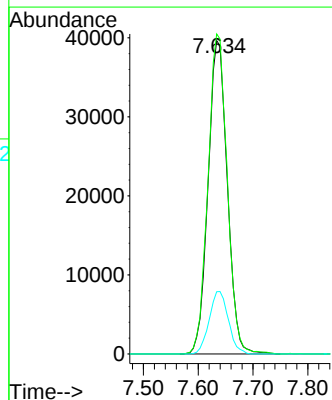
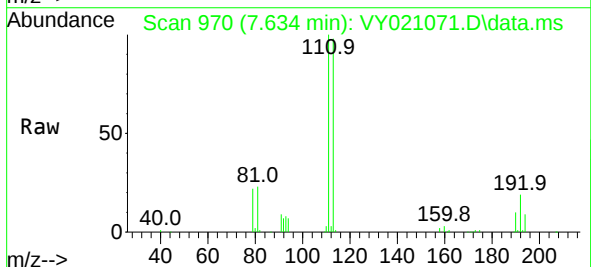
Instrument :
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JPP-26.1-012825

Tgt Ion:114 Resp: 291874
Ion Ratio Lower Upper
114 100
63 21.2 0.0 37.4
88 15.1 0.0 29.0



#35
Dibromofluoromethane
Concen: 51.512 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.007 min
Lab File: VY021071.D
Acq: 04 Feb 2025 20:07

Tgt Ion:113 Resp: 96354
Ion Ratio Lower Upper
113 100
111 102.5 83.8 125.6
192 19.8 14.5 21.7

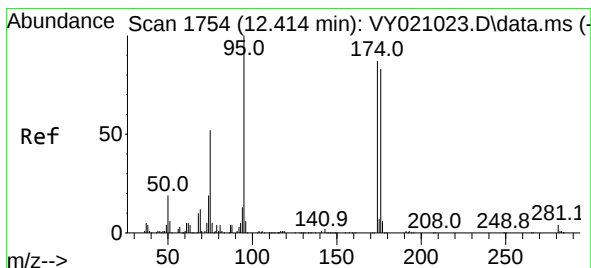
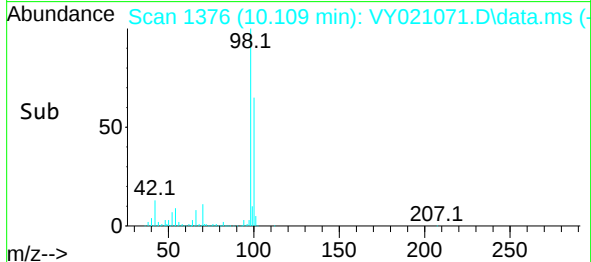
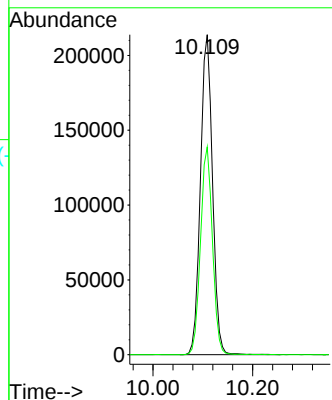
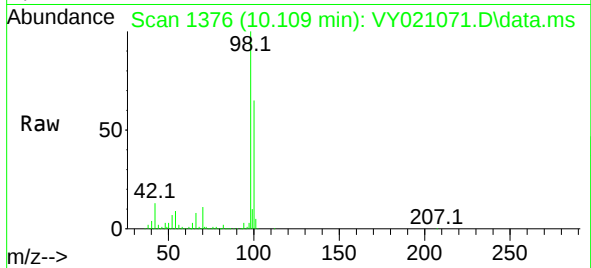




#50
Toluene-d8
Concen: 50.337 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.001 min
Lab File: VY021071.D
Acq: 04 Feb 2025 20:07

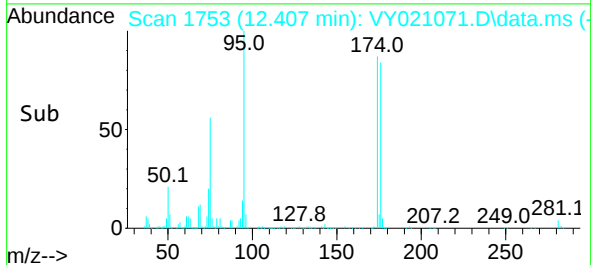
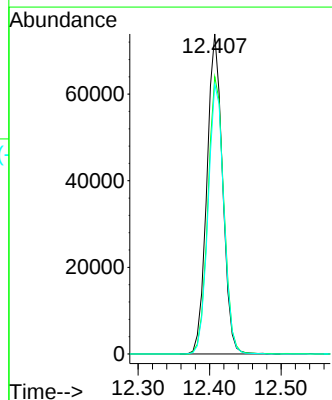
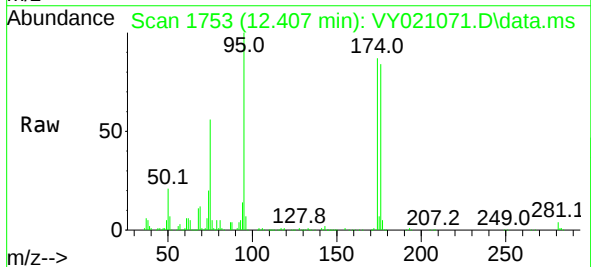
Instrument :
MSVOA_Y
ClientSampleId :
JPP-26.1-012825

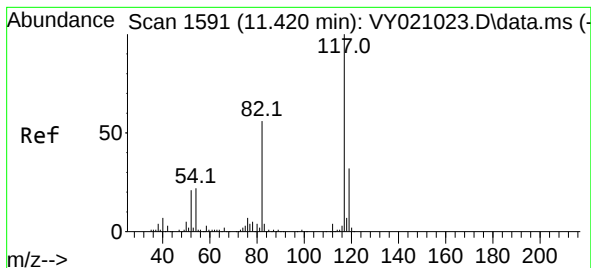
Tgt Ion: 98 Resp: 358462
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 48.264 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.007 min
Lab File: VY021071.D
Acq: 04 Feb 2025 20:07

Tgt Ion: 95 Resp: 112284
Ion Ratio Lower Upper
95 100
174 88.1 0.0 160.0
176 84.7 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY021071.D

Acq: 04 Feb 2025 20:07

Instrument :

MSVOA_Y

ClientSampleId :

JPP-26.1-012825

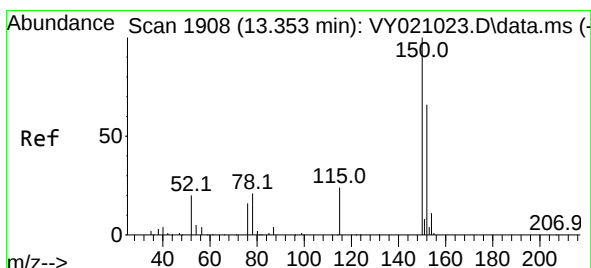
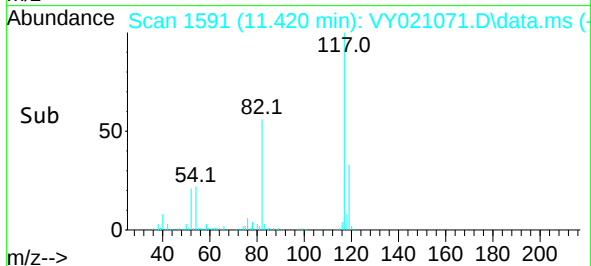
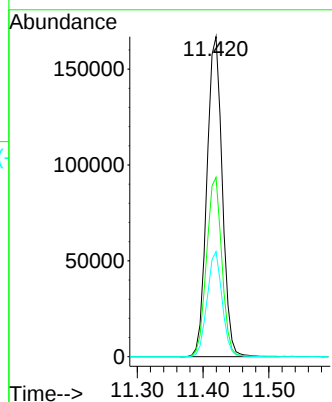
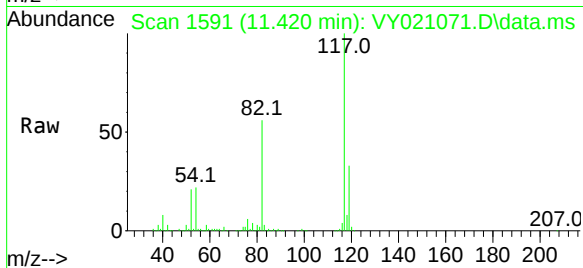
Tgt Ion:117 Resp: 271395

Ion Ratio Lower Upper

117 100

82 56.1 43.8 65.8

119 32.8 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.007 min

Lab File: VY021071.D

Acq: 04 Feb 2025 20:07

Tgt Ion:152 Resp: 110517

Ion Ratio Lower Upper

152 100

115 57.9 30.0 90.0

150 156.3 0.0 344.6

