

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020525\
 Data File : VY021084.D
 Acq On : 05 Feb 2025 13:27
 Operator : SY/MD
 Sample : Q1269-01RE
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-231RE

Quant Time: Feb 05 15:07:20 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	22423	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	27809	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	14785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	1839	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	4571	19.896	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	39.800%#
35) Dibromofluoromethane	7.634	113	7257	40.720	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.440%
50) Toluene-d8	10.115	98	30825	45.432	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.860%
62) 4-Bromofluorobenzene	12.408	95	3537	15.957	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	31.920%

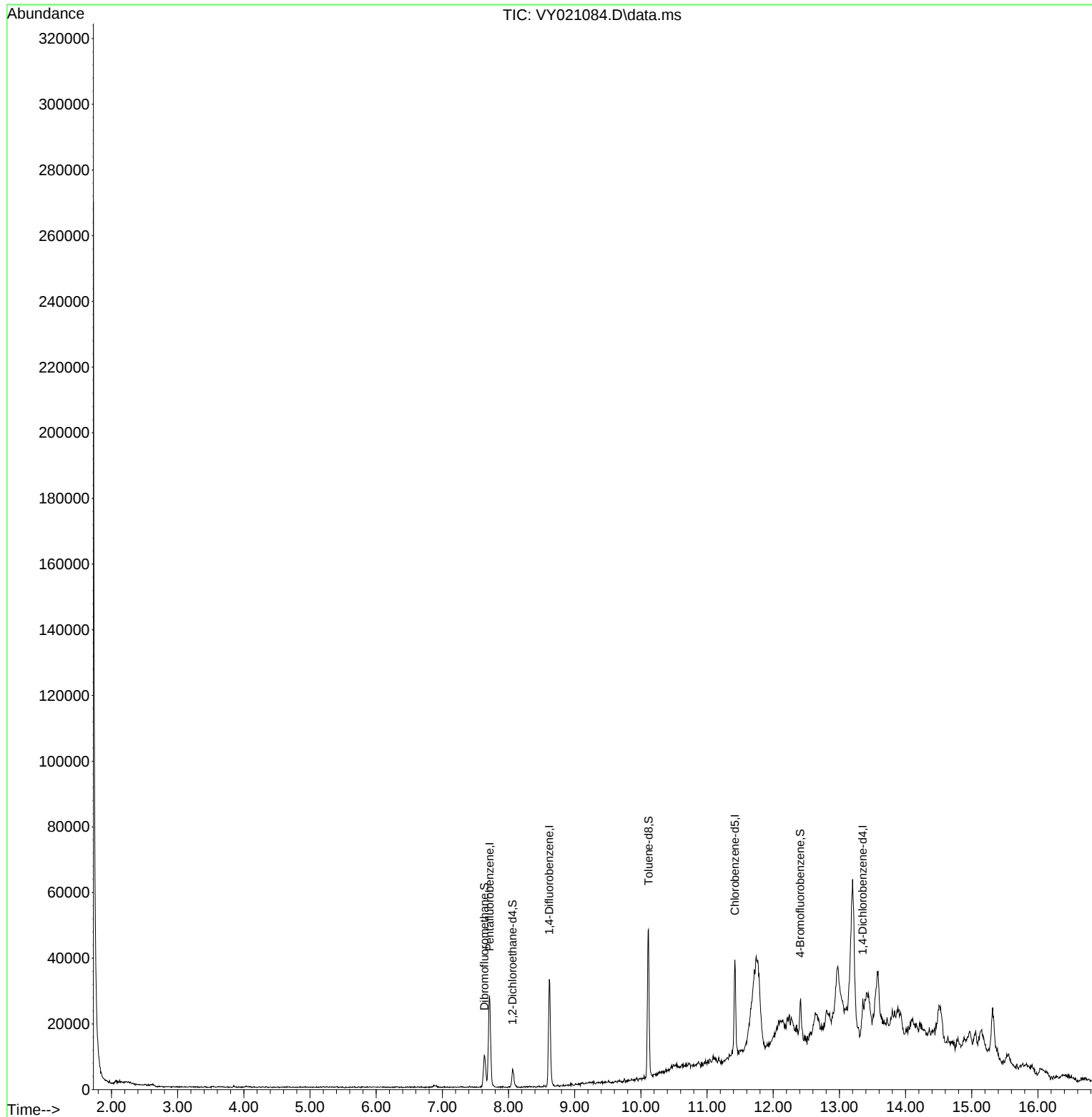
Target Compounds	Qvalue

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

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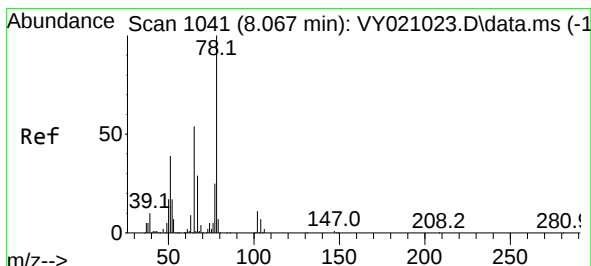
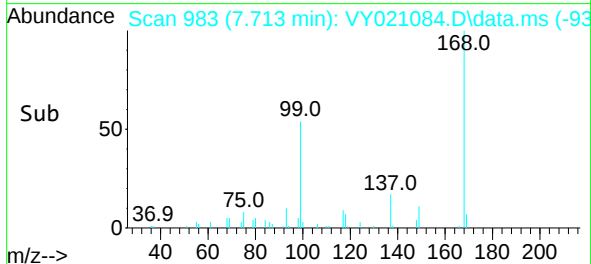
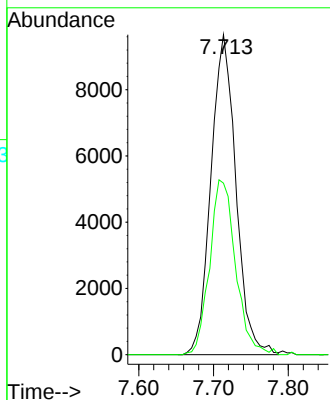
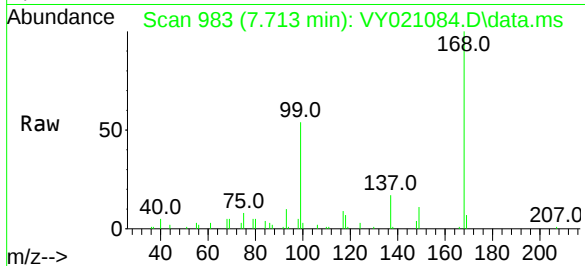




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021084.D
Acq: 05 Feb 2025 13:27

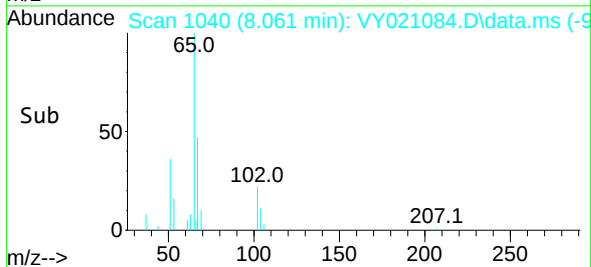
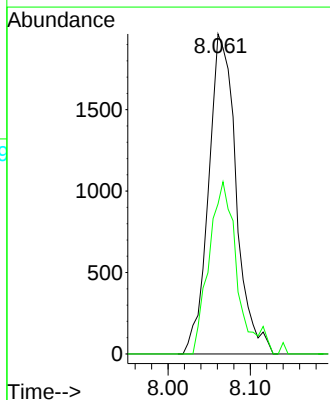
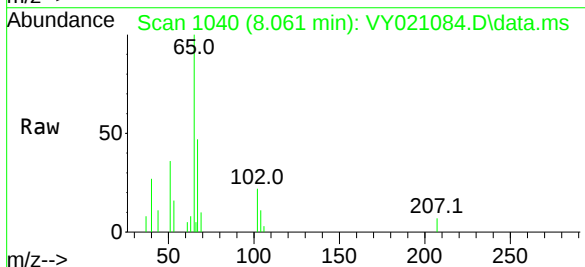
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-231RE

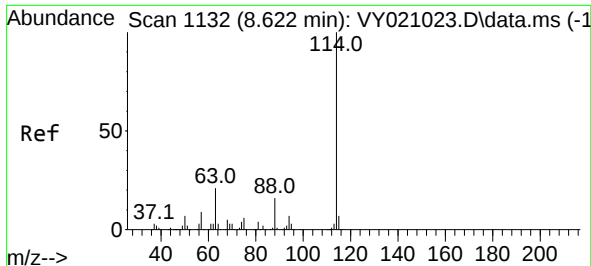
Tgt Ion:168 Resp: 22423
Ion Ratio Lower Upper
168 100
99 53.6 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 19.896 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021084.D
Acq: 05 Feb 2025 13:27

Tgt Ion: 65 Resp: 4571
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.0

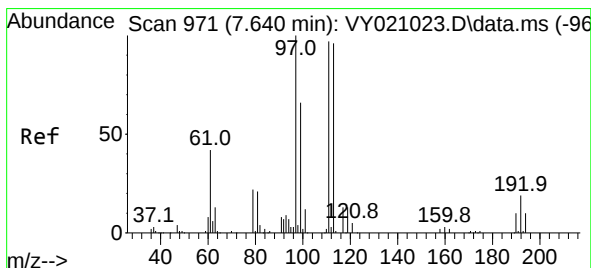
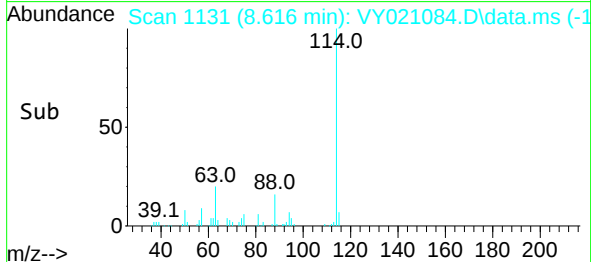
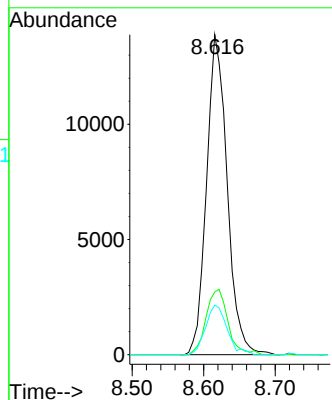
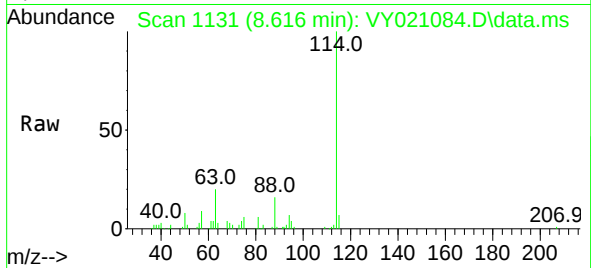




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VY021084.D
Acq: 05 Feb 2025 13:27

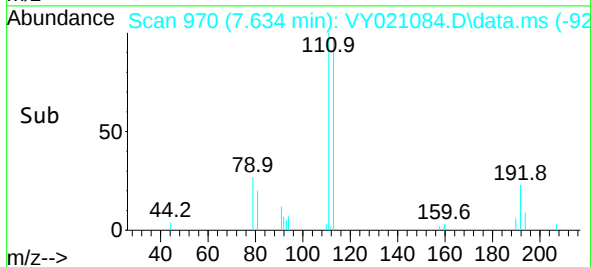
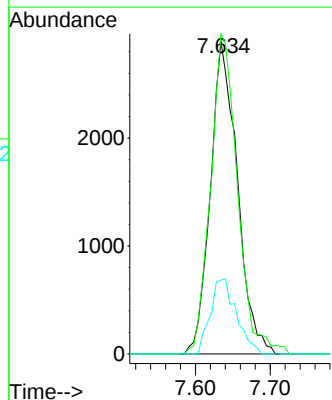
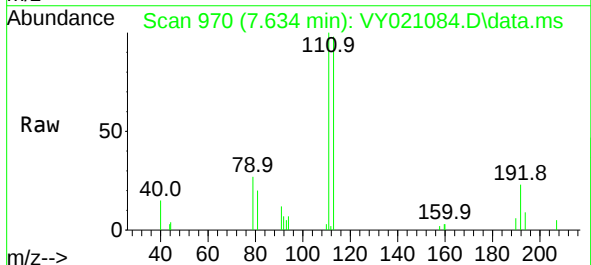
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-231RE

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	37.4
88	15.5	0.0	29.0



#35
Dibromofluoromethane
Concen: 40.720 ug/l
RT: 7.634 min Scan# 970
Delta R.T. -0.006 min
Lab File: VY021084.D
Acq: 05 Feb 2025 13:27

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.4	83.8	125.6
192	23.2	14.5	21.7

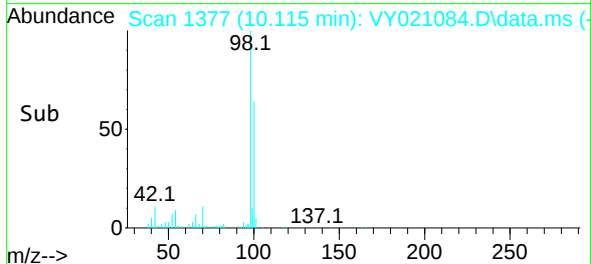
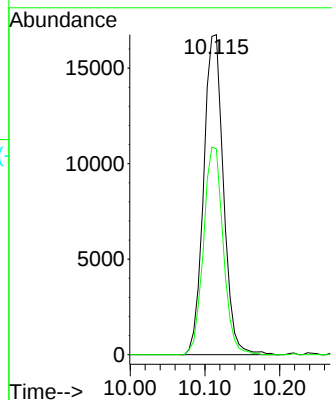
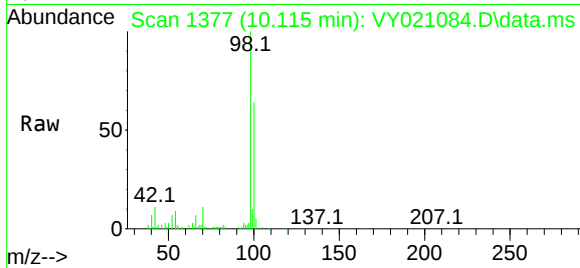




#50
Toluene-d8
Concen: 45.432 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021084.D
Acq: 05 Feb 2025 13:27

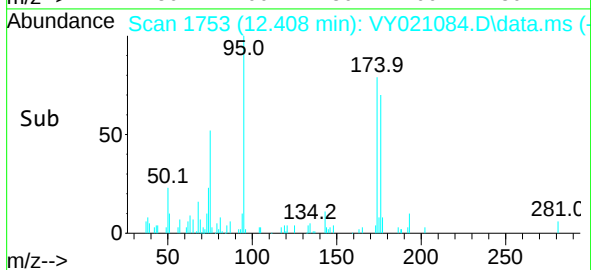
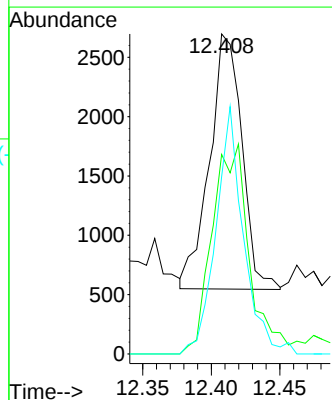
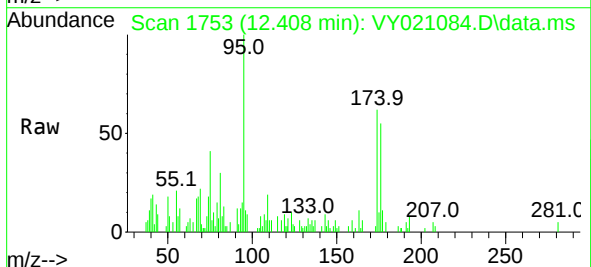
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-231RE

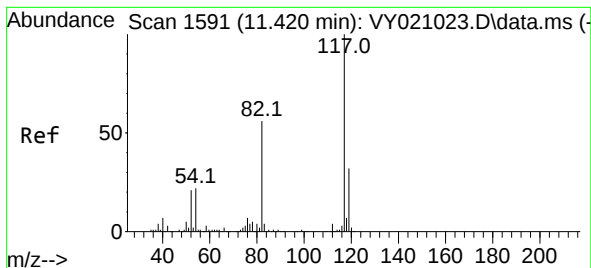
Tgt Ion: 98 Resp: 30825
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 15.957 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021084.D
Acq: 05 Feb 2025 13:27

Tgt Ion: 95 Resp: 3537
Ion Ratio Lower Upper
95 100
174 95.6 0.0 160.0
176 82.3 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: VY021084.D

Acq: 05 Feb 2025 13:27

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-231RE

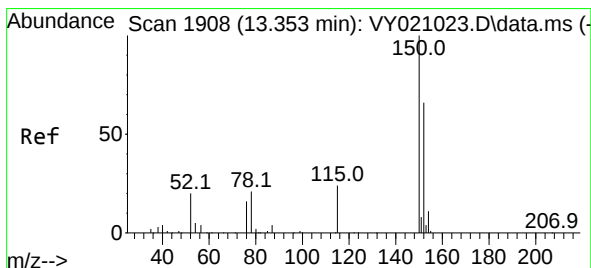
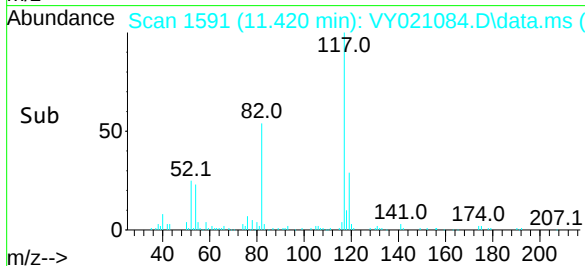
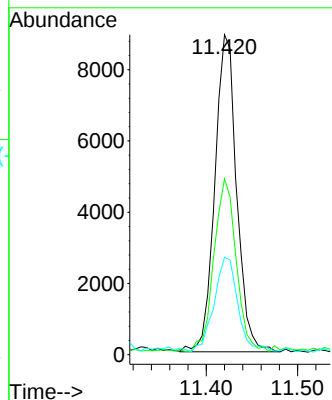
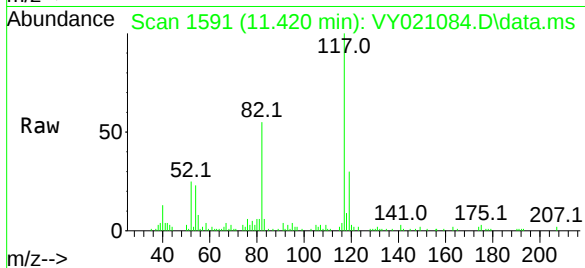
Tgt Ion:117 Resp: 14785

Ion Ratio Lower Upper

117 100

82 54.0 43.8 65.8

119 29.5 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021084.D

Acq: 05 Feb 2025 13:27

Tgt Ion:152 Resp: 1839

Ion Ratio Lower Upper

152 100

115 49.7 30.0 90.0

150 165.4 0.0 344.6

