

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020325\
 Data File : VY021039.D
 Acq On : 03 Feb 2025 18:58
 Operator : SY/MD
 Sample : Q1206-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-20.1-012725

Quant Time: Feb 04 00:59:09 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	179216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	339349	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	315655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	130519	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	115153	62.712	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	125.420%
35) Dibromofluoromethane	7.634	113	116601	53.615	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.240%
50) Toluene-d8	10.109	98	416843	50.346	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.700%
62) 4-Bromofluorobenzene	12.408	95	134089	49.573	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.140%

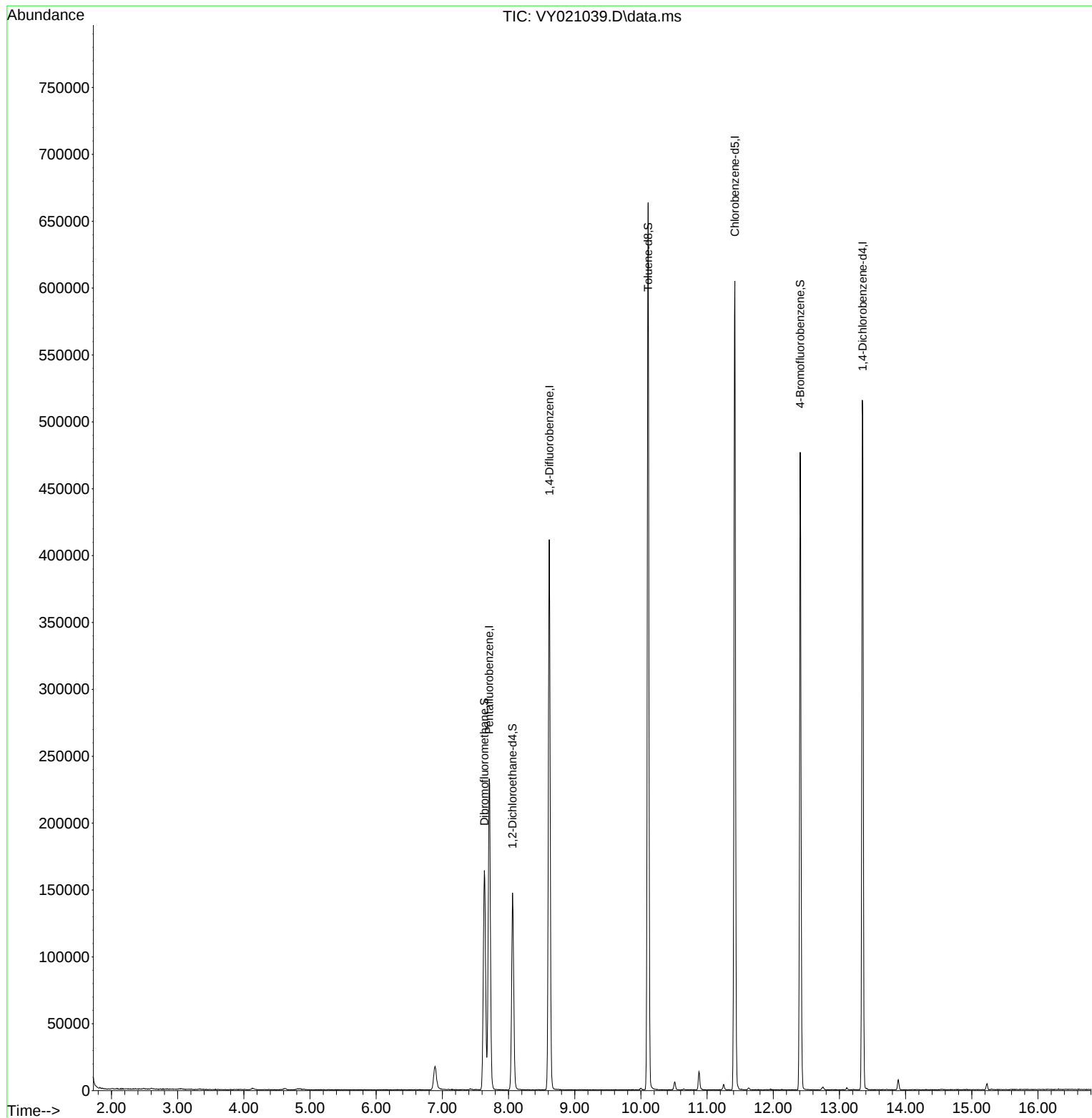
Target Compounds	Qvalue

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

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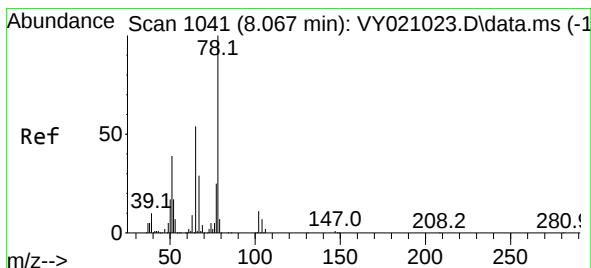
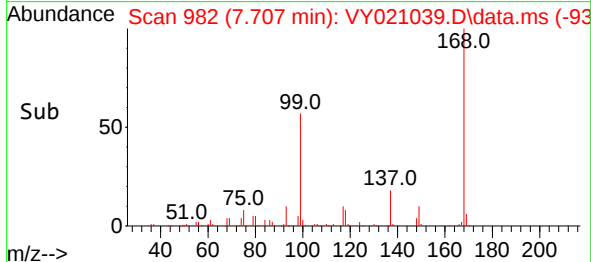
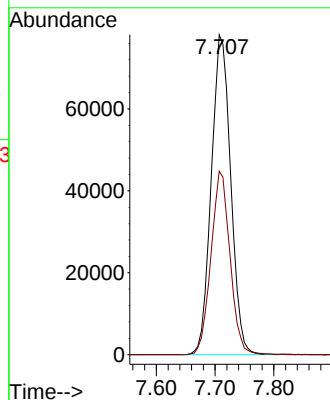
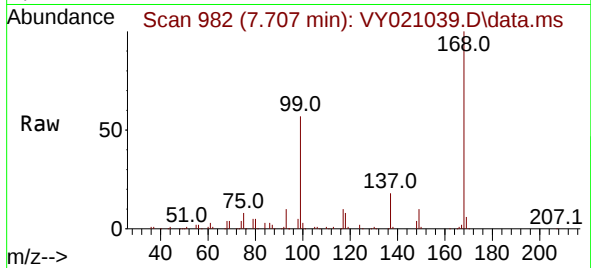




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY021039.D
Acq: 03 Feb 2025 18:58

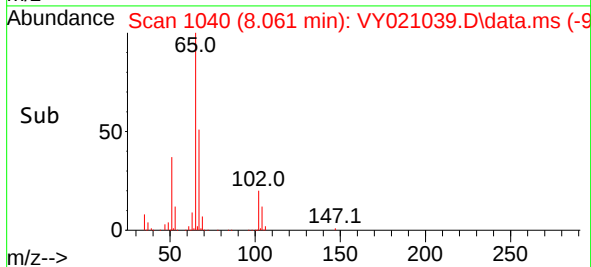
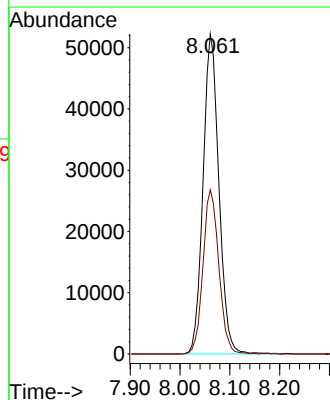
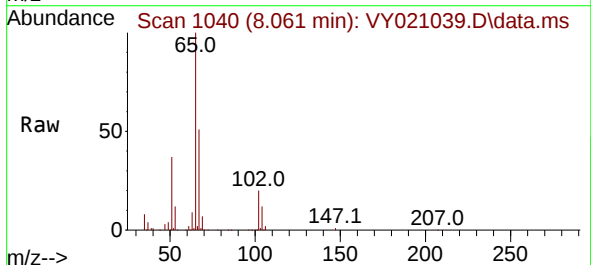
Instrument :
MSVOA_Y
ClientSampleId :
JPP-20.1-012725

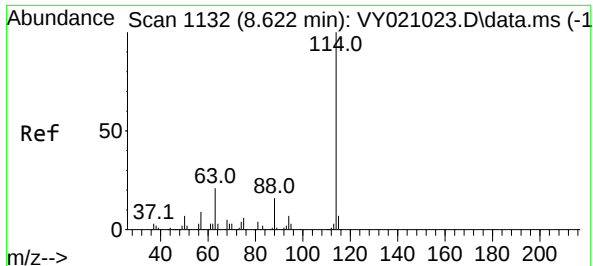
Tgt Ion:168 Resp: 179216
Ion Ratio Lower Upper
168 100
99 57.4 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 62.712 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY021039.D
Acq: 03 Feb 2025 18:58

Tgt Ion: 65 Resp: 115153
Ion Ratio Lower Upper
65 100
67 51.3 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: VY021039.D

Acq: 03 Feb 2025 18:58

Instrument :

MSVOA_Y

ClientSampleId :

JPP-20.1-012725

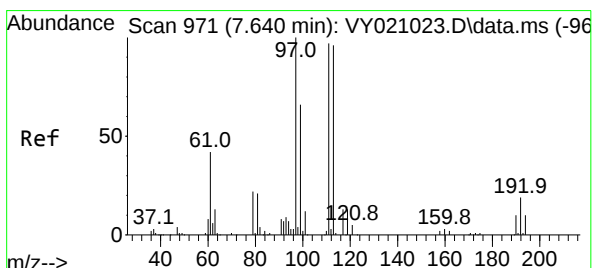
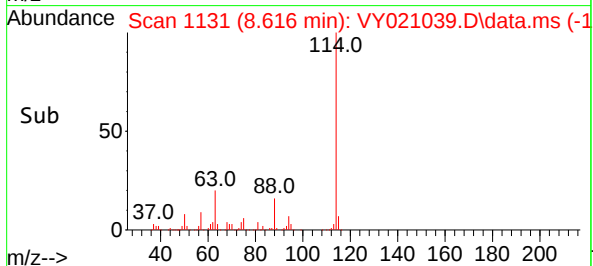
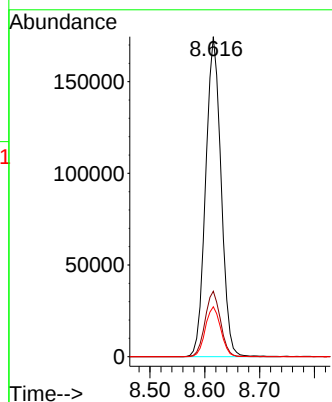
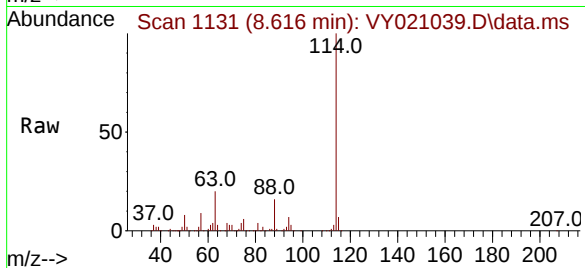
Tgt Ion:114 Resp: 339349

Ion Ratio Lower Upper

114 100

63 20.4 0.0 37.4

88 15.6 0.0 29.0



#35

Dibromofluoromethane

Concen: 53.615 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY021039.D

Acq: 03 Feb 2025 18:58

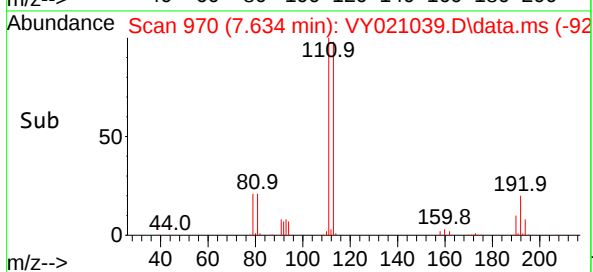
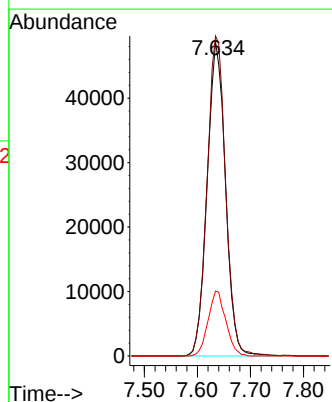
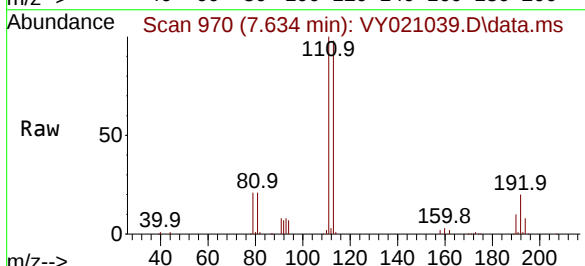
Tgt Ion:113 Resp: 116601

Ion Ratio Lower Upper

113 100

111 103.4 83.8 125.6

192 20.0 14.5 21.7

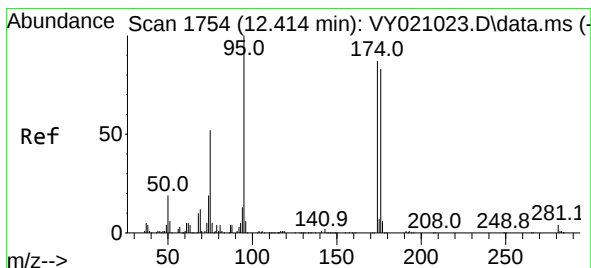
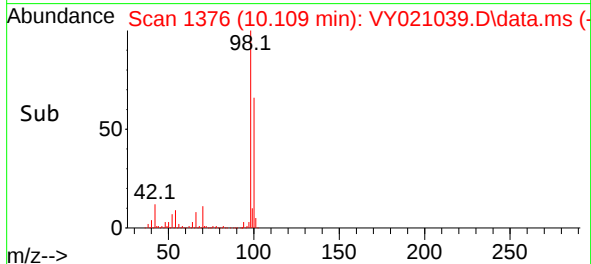
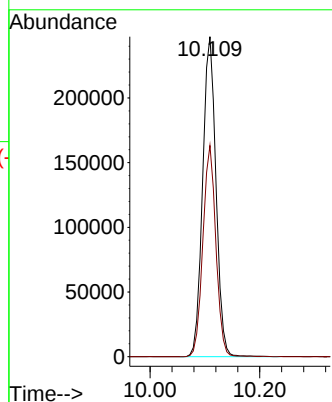
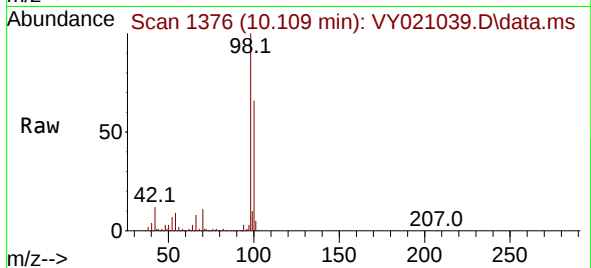




#50
Toluene-d8
Concen: 50.346 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021039.D
Acq: 03 Feb 2025 18:58

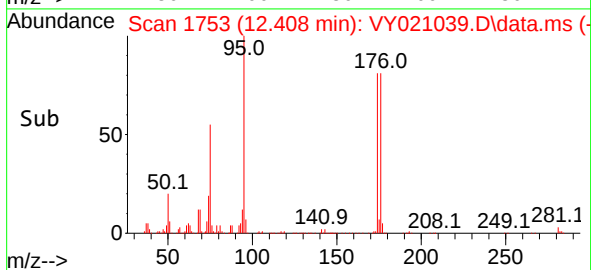
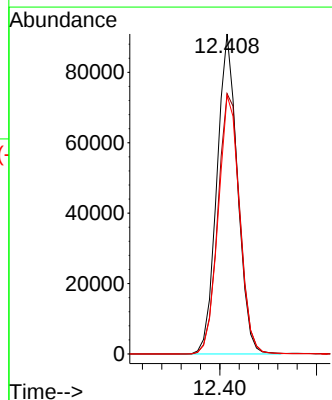
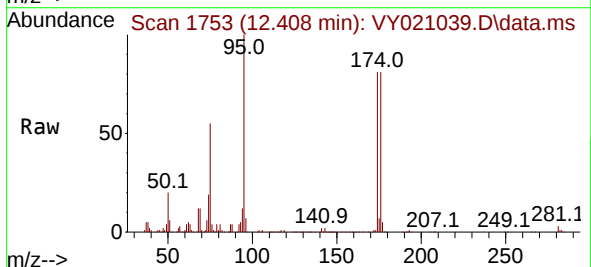
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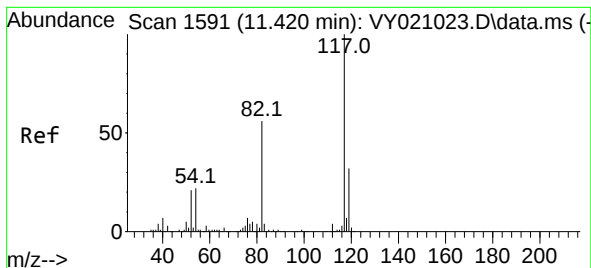
Tgt Ion: 98 Resp: 416843
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 49.573 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021039.D
Acq: 03 Feb 2025 18:58

Tgt Ion: 95 Resp: 134089
Ion Ratio Lower Upper
95 100
174 86.9 0.0 160.0
176 83.9 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: VY021039.D

Acq: 03 Feb 2025 18:58

Instrument :

MSVOA_Y

ClientSampleId :

JPP-20.1-012725

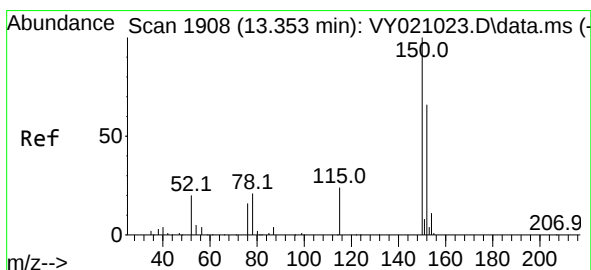
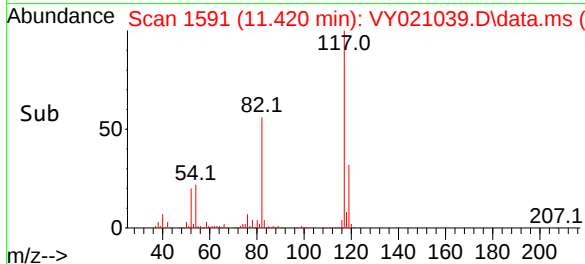
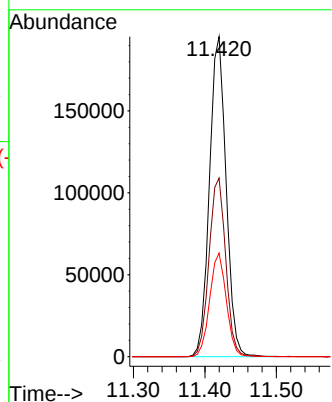
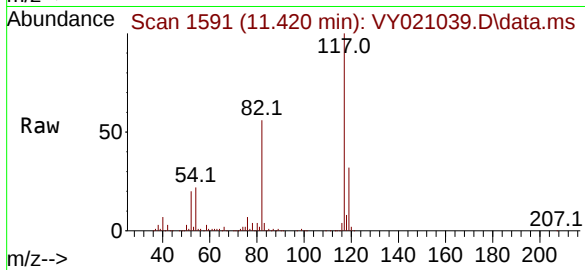
Tgt Ion:117 Resp: 315655

Ion Ratio Lower Upper

117 100

82 55.8 43.8 65.8

119 32.4 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: VY021039.D

Acq: 03 Feb 2025 18:58

Tgt Ion:152 Resp: 130519

Ion Ratio Lower Upper

152 100

115 58.9 30.0 90.0

150 154.9 0.0 344.6

