

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021725\
 Data File : VY021214.D
 Acq On : 17 Feb 2025 10:39
 Operator : SY/MD
 Sample : VY0217SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0217SBL01

Quant Time: Feb 18 00:44:48 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	7.720	168	161682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	301541	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	270874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.359	152	99195	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	92349	55.747	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.500%
35) Dibromofluoromethane	7.646	113	96878	50.132	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.260%
50) Toluene-d8	10.115	98	364997	49.612	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.220%
62) 4-Bromofluorobenzene	12.414	95	112223	46.691	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.380%

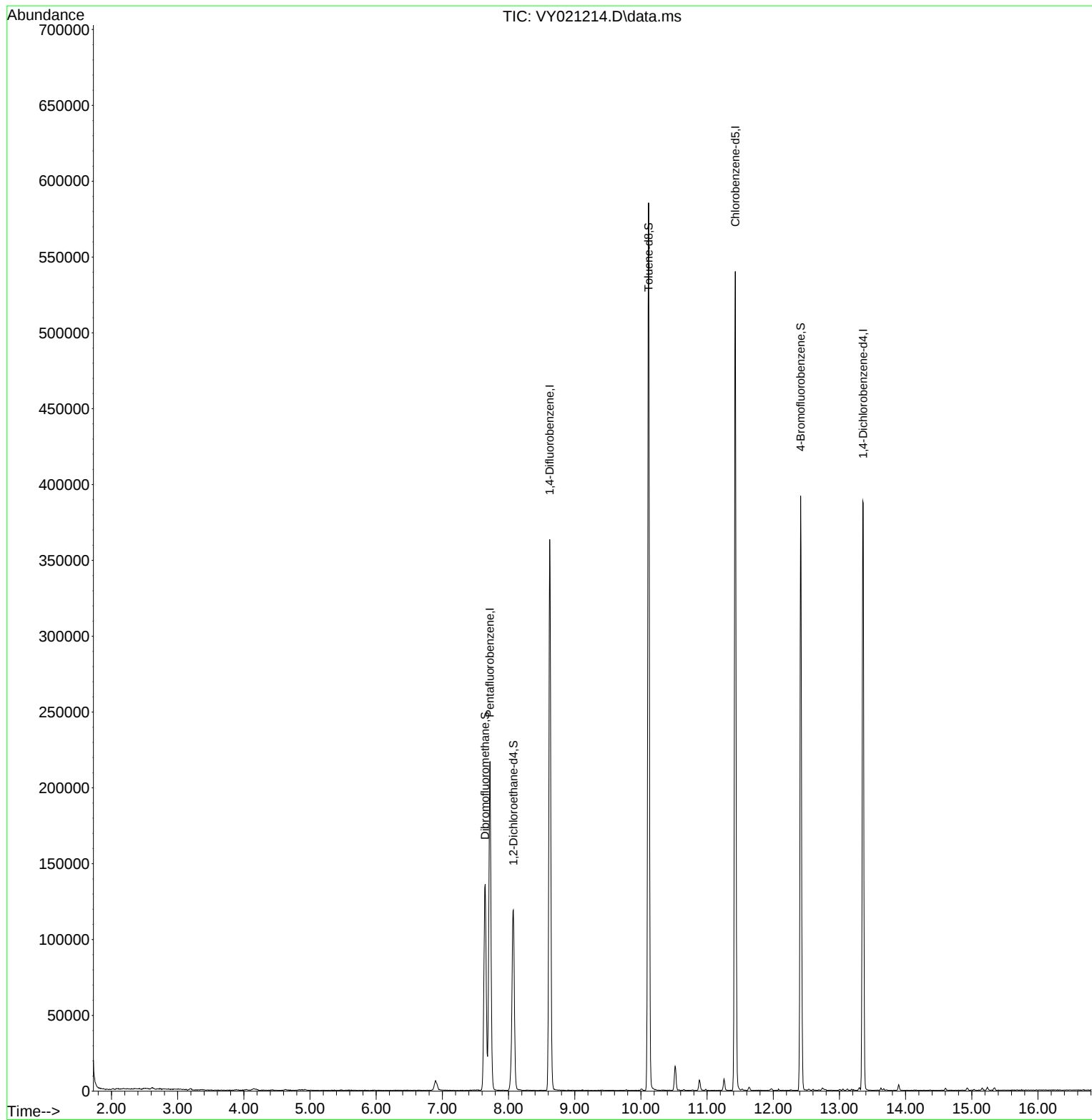
Target Compounds	Qvalue

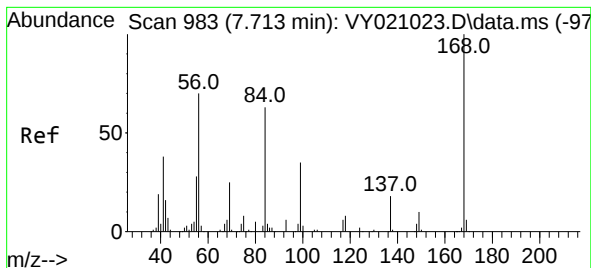
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.720 min Scan# 9

Delta R.T. 0.006 min

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Instrument :

MSVOA_Y

ClientSampleId :

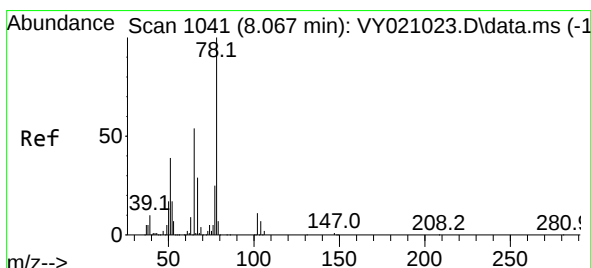
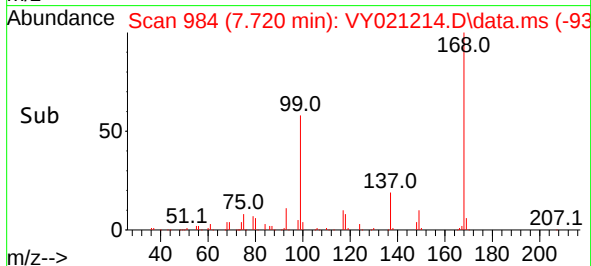
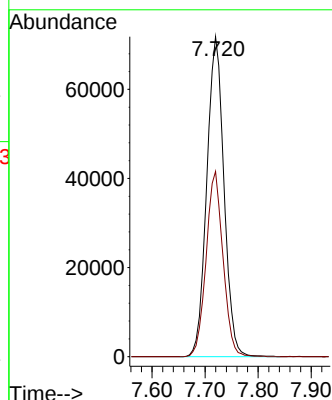
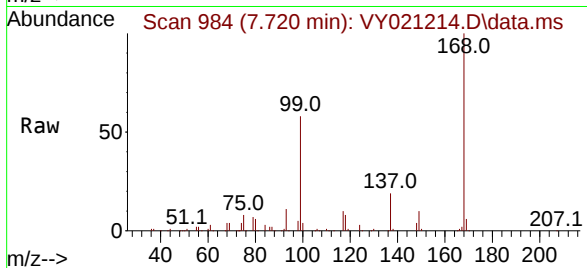
VY0217SBL01

Tgt Ion:168 Resp: 161682

Ion Ratio Lower Upper

168 100

99 57.9 44.2 66.4



#33

1,2-Dichloroethane-d4

Concen: 55.747 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY021214.D

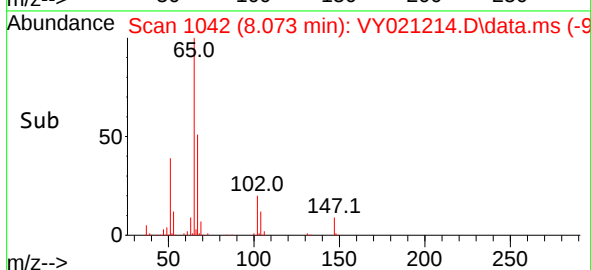
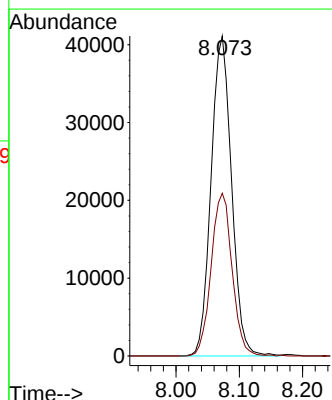
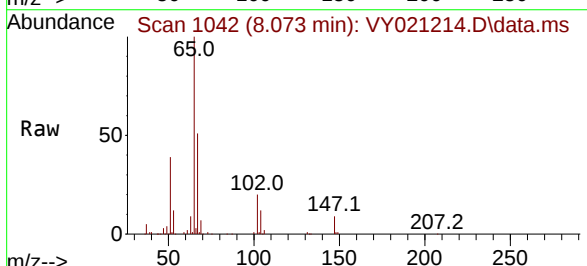
Acq: 17 Feb 2025 10:39

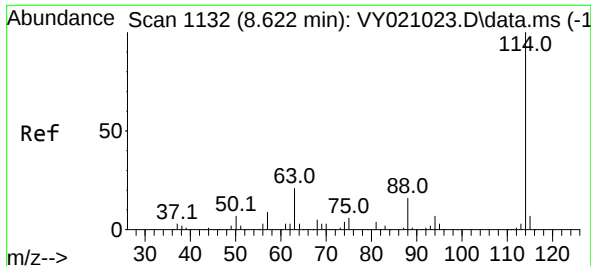
Tgt Ion: 65 Resp: 92349

Ion Ratio Lower Upper

65 100

67 52.0 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021214.D

Acq: 17 Feb 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0217SBL01

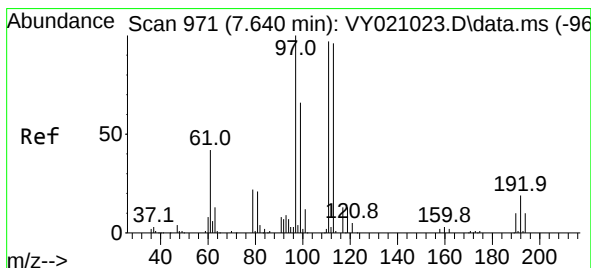
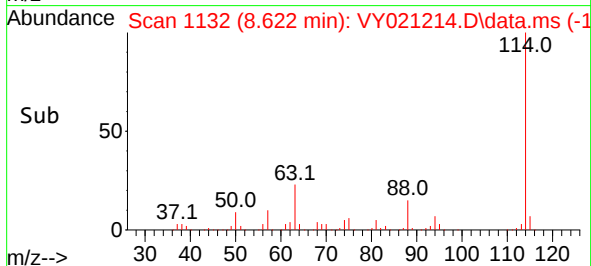
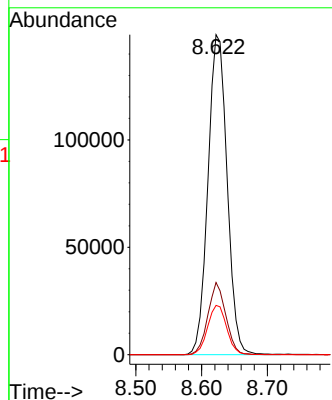
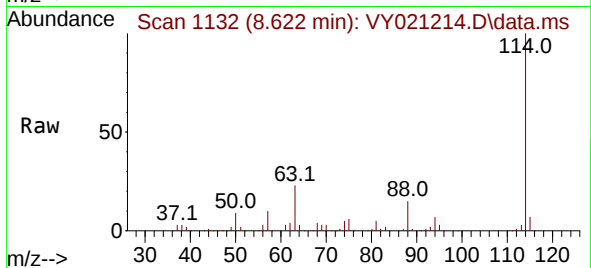
Tgt Ion:114 Resp: 301541

Ion Ratio Lower Upper

114 100

63 22.5 0.0 37.4

88 15.4 0.0 29.0



#35

Dibromofluoromethane

Concen: 50.132 ug/l

RT: 7.646 min Scan# 972

Delta R.T. 0.006 min

Lab File: VY021214.D

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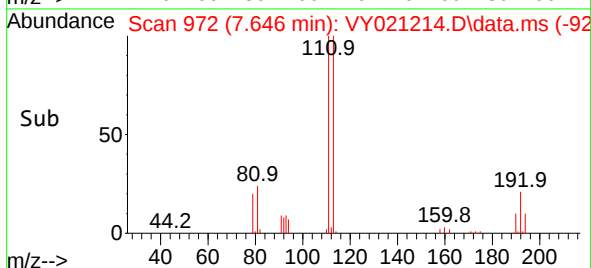
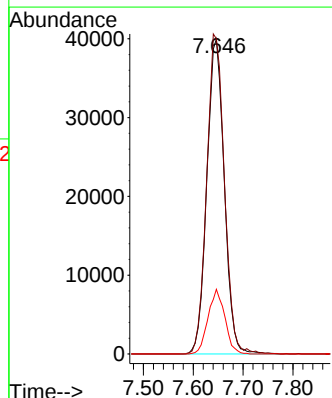
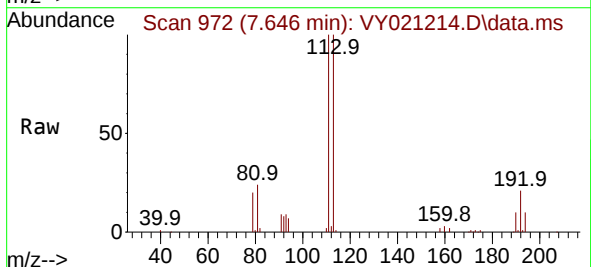
Tgt Ion:113 Resp: 96878

Ion Ratio Lower Upper

113 100

111 103.4 83.8 125.6

192 19.8 14.5 21.7

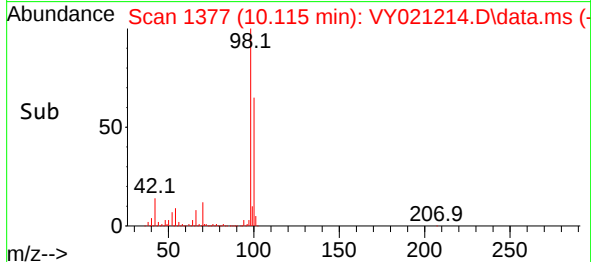
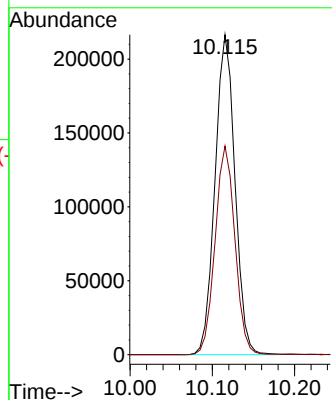
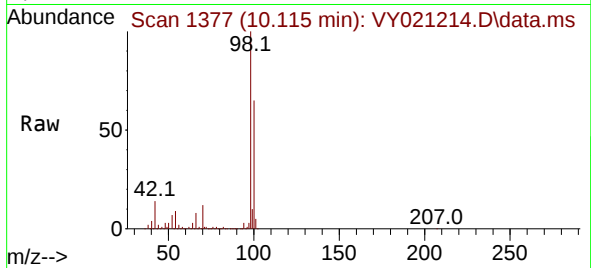




#50
Toluene-d8
Concen: 49.612 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021214.D
Acq: 17 Feb 2025 10:39

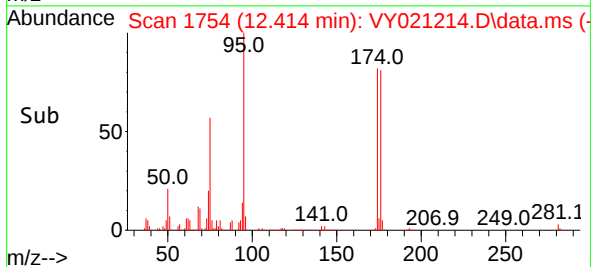
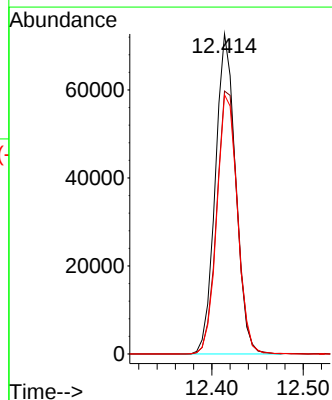
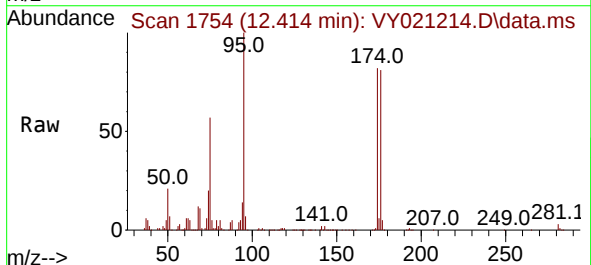
Instrument :
MSVOA_Y
ClientSampleId :
VY0217SBL01

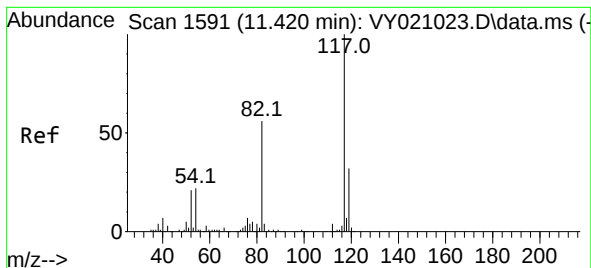
Tgt Ion: 98 Resp: 364997
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 46.691 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY021214.D
Acq: 17 Feb 2025 10:39

Tgt Ion: 95 Resp: 112223
Ion Ratio Lower Upper
95 100
174 84.6 0.0 160.0
176 82.3 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.426 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY021214.D

Acq: 17 Feb 2025 10:39

Instrument :

MSVOA_Y

ClientSampleId :

VY0217SBL01

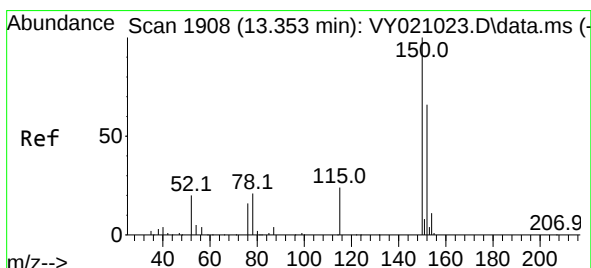
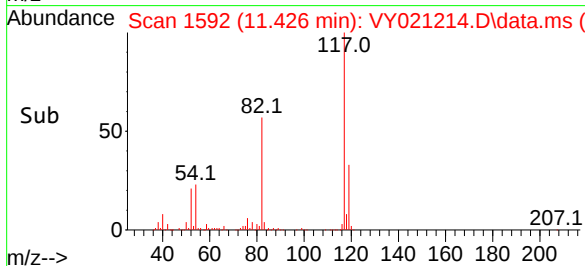
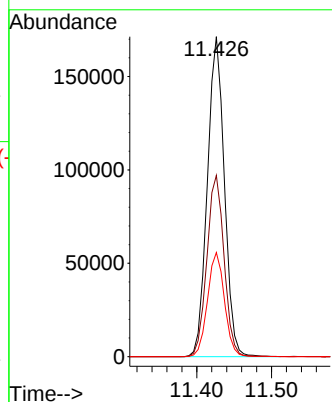
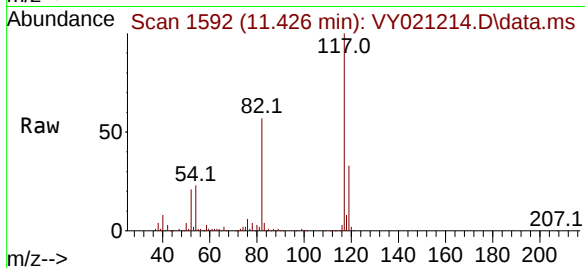
Tgt Ion:117 Resp: 270874

Ion Ratio Lower Upper

117 100

82 56.6 43.8 65.8

119 32.6 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY021214.D

Acq: 17 Feb 2025 10:39

Tgt Ion:152 Resp: 99195

Ion Ratio Lower Upper

152 100

115 58.8 30.0 90.0

150 159.1 0.0 344.6

