

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021725\
 Data File : VY021220.D
 Acq On : 17 Feb 2025 14:28
 Operator : SY/MD
 Sample : Q1365-08RE
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 357RE

Quant Time: Feb 18 00:47:55 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	48864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	82112	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	70108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	24168	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	25712	51.357	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.720%
35) Dibromofluoromethane	7.640	113	27495	52.249	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.500%
50) Toluene-d8	10.109	98	99417	49.624	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.240%
62) 4-Bromofluorobenzene	12.408	95	26583	40.616	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.240%

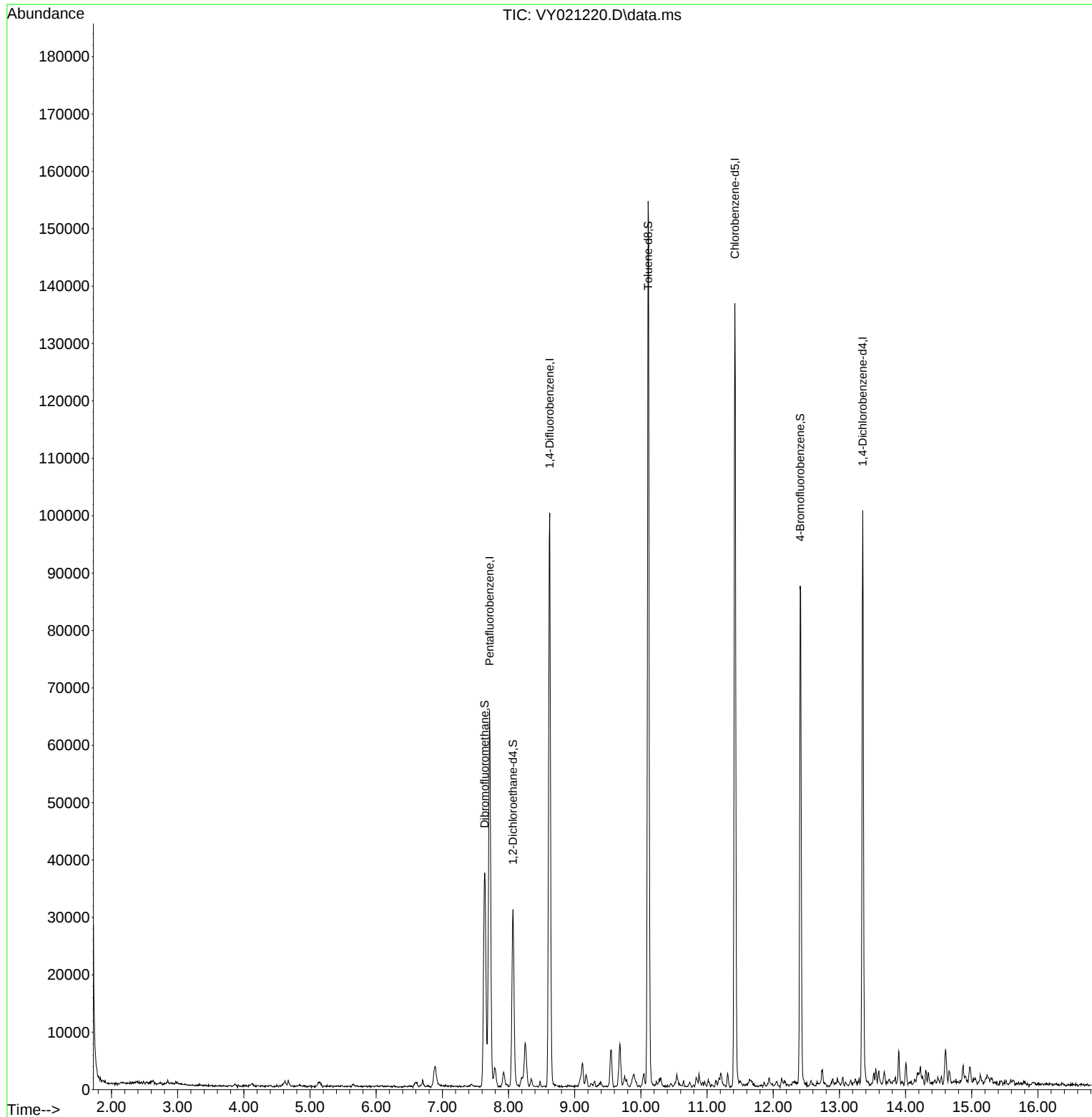
Target Compounds	Qvalue

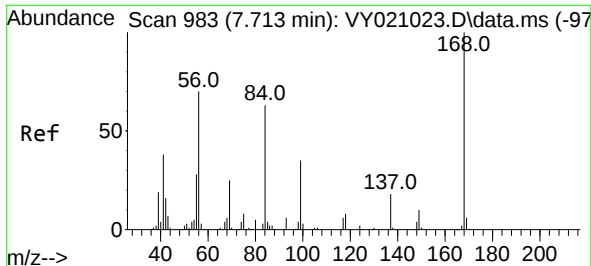
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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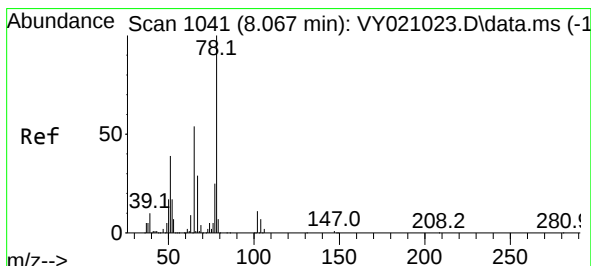
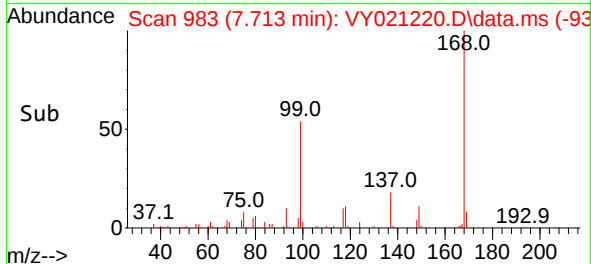
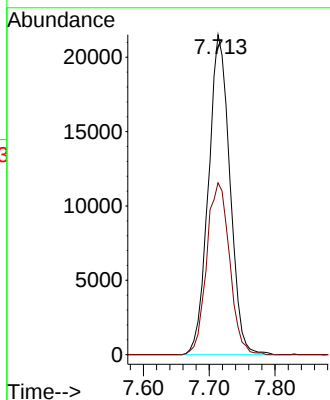
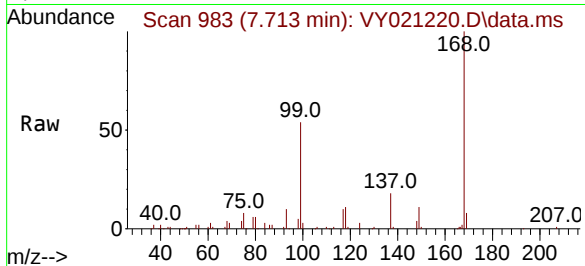




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021220.D
Acq: 17 Feb 2025 14:28

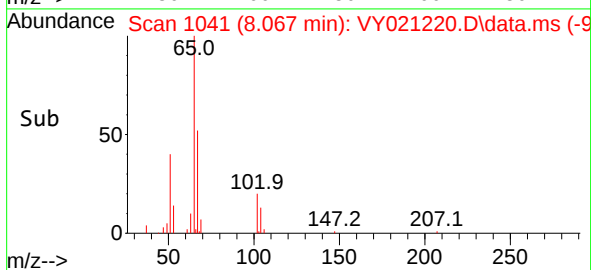
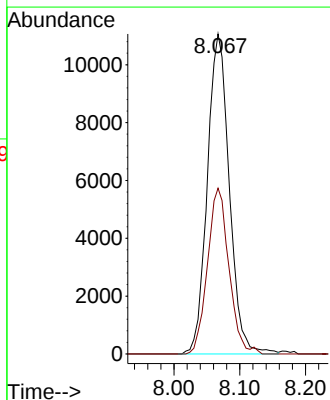
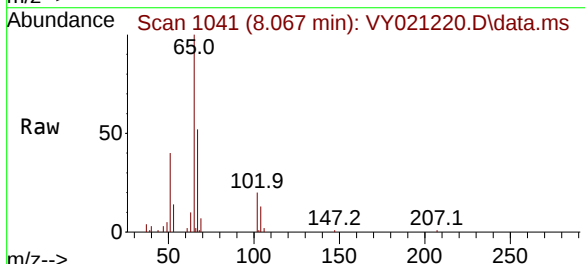
Instrument :
MSVOA_Y
ClientSampleId :
357RE

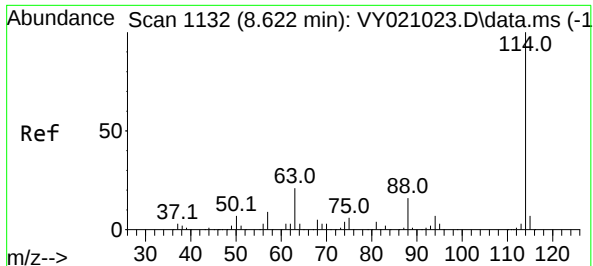
Tgt Ion:168 Resp: 48864
Ion Ratio Lower Upper
168 100
99 53.7 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 51.357 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY021220.D
Acq: 17 Feb 2025 14:28

Tgt Ion: 65 Resp: 25712
Ion Ratio Lower Upper
65 100
67 50.5 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: VY021220.D

Acq: 17 Feb 2025 14:28

Instrument :

MSVOA_Y

ClientSampleId :

357RE

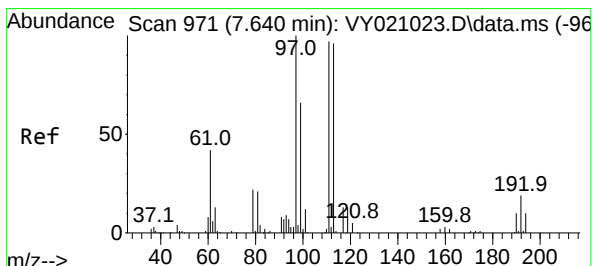
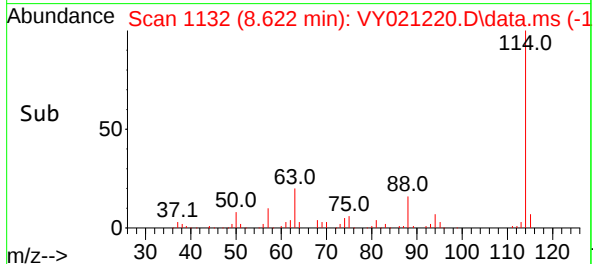
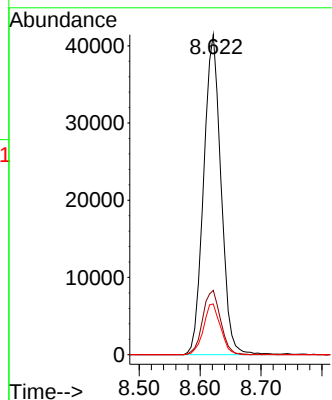
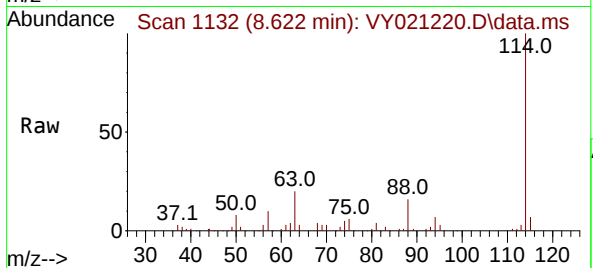
Tgt Ion:114 Resp: 82112

Ion Ratio Lower Upper

114 100

63 20.1 0.0 37.4

88 15.8 0.0 29.0



#35

Dibromofluoromethane

Concen: 52.249 ug/l

RT: 7.640 min Scan# 971

Delta R.T. -0.000 min

Lab File: VY021220.D

Acq: 17 Feb 2025 14:28

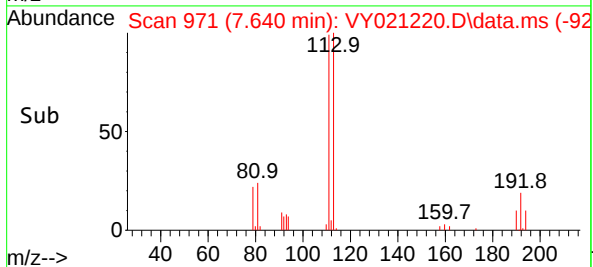
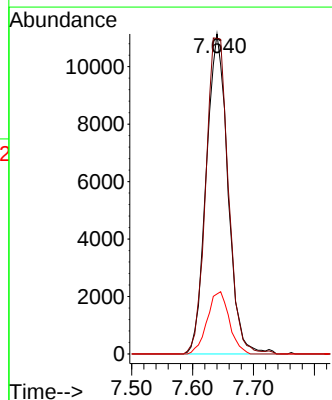
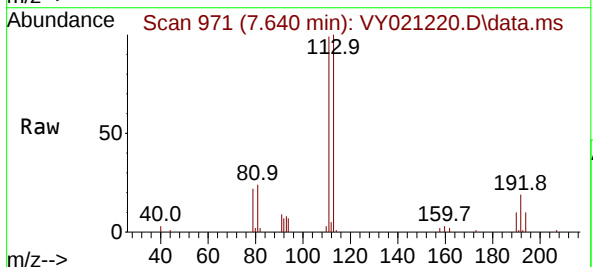
Tgt Ion:113 Resp: 27495

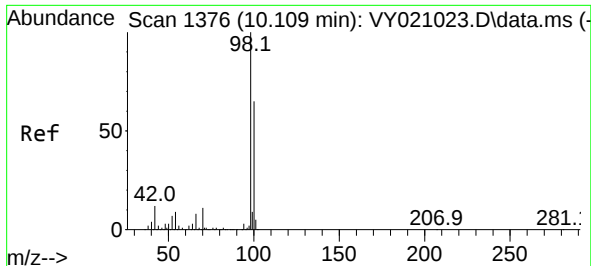
Ion Ratio Lower Upper

113 100

111 102.7 83.8 125.6

192 19.8 14.5 21.7

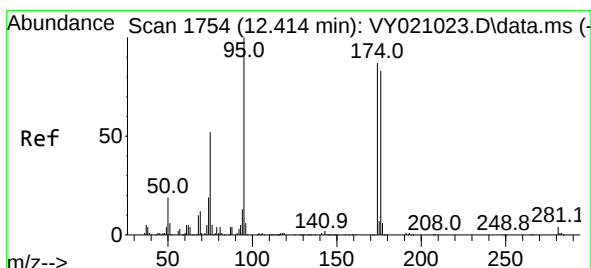
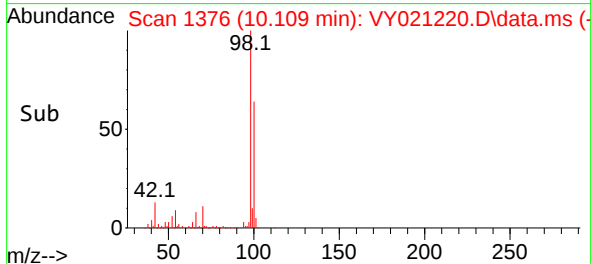
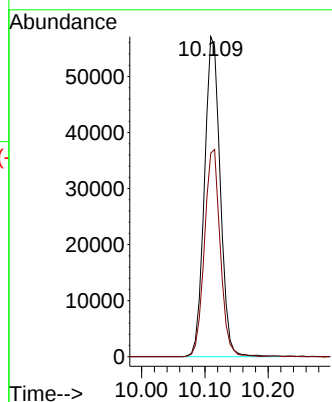
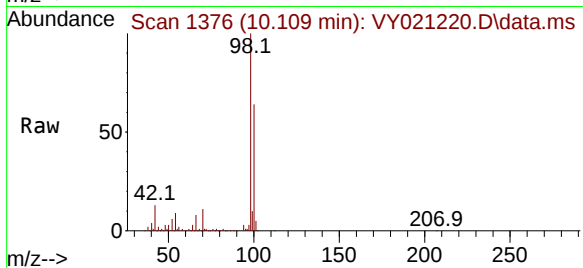




#50
Toluene-d8
Concen: 49.624 ug/l
RT: 10.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021220.D
Acq: 17 Feb 2025 14:28

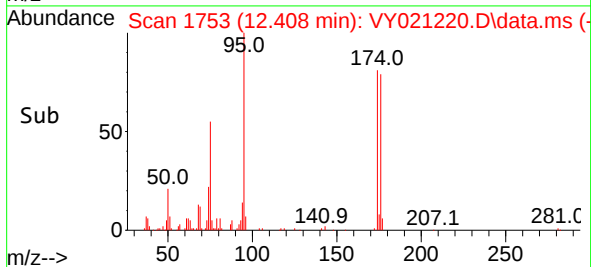
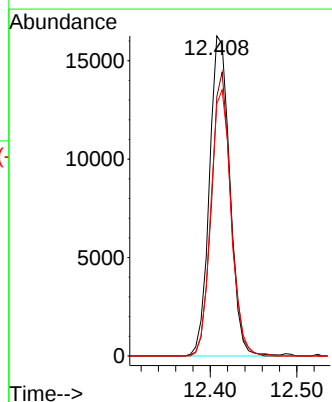
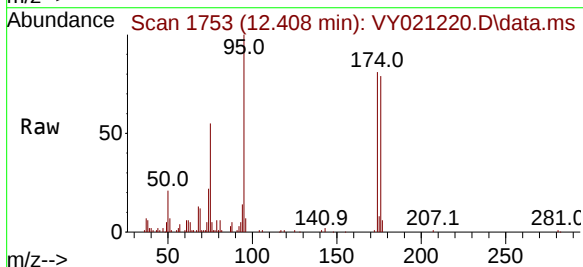
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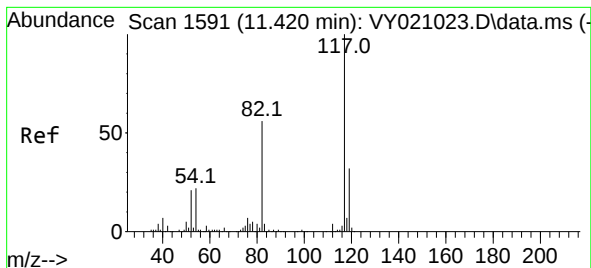
Tgt Ion: 98 Resp: 99417
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 40.616 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021220.D
Acq: 17 Feb 2025 14:28

Tgt Ion: 95 Resp: 26583
Ion Ratio Lower Upper
95 100
174 84.6 0.0 160.0
176 83.2 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: VY021220.D

Acq: 17 Feb 2025 14:28

Instrument :

MSVOA_Y

ClientSampleId :

357RE

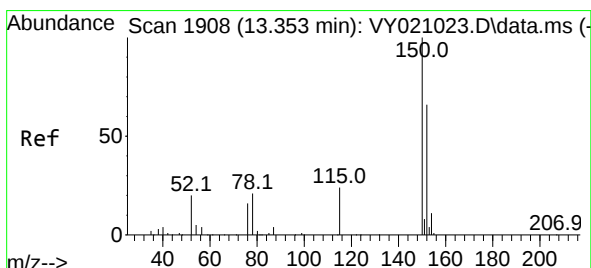
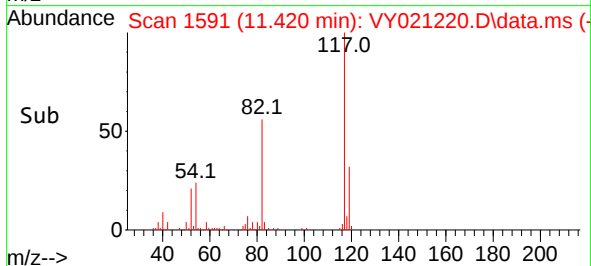
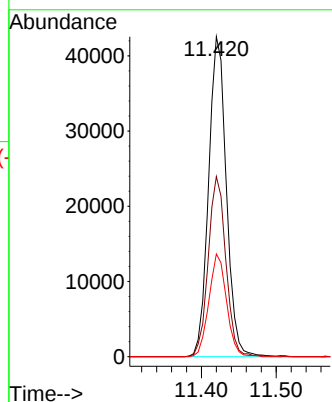
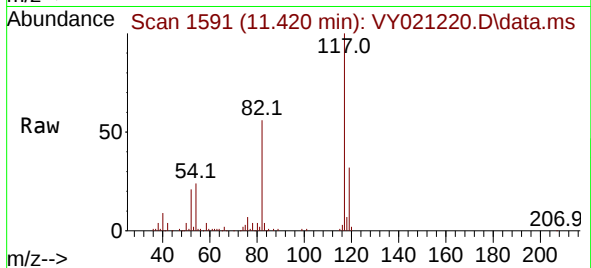
Tgt Ion:117 Resp: 70108

Ion Ratio Lower Upper

117 100

82 56.3 43.8 65.8

119 32.1 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: VY021220.D

Acq: 17 Feb 2025 14:28

Tgt Ion:152 Resp: 24168

Ion Ratio Lower Upper

152 100

115 58.7 30.0 90.0

150 156.0 0.0 344.6

