

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021025\
 Data File : VY021156.D
 Acq On : 10 Feb 2025 14:50
 Operator : SY/MD
 Sample : Q1344-03
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOIL-2

Quant Time: Feb 11 00:31:13 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	140278	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	255041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	237206	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	94721	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	81914	56.993	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.980%
35) Dibromofluoromethane	7.640	113	83560	51.123	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.240%
50) Toluene-d8	10.109	98	312585	50.234	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.460%
62) 4-Bromofluorobenzene	12.408	95	100817	49.593	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.180%

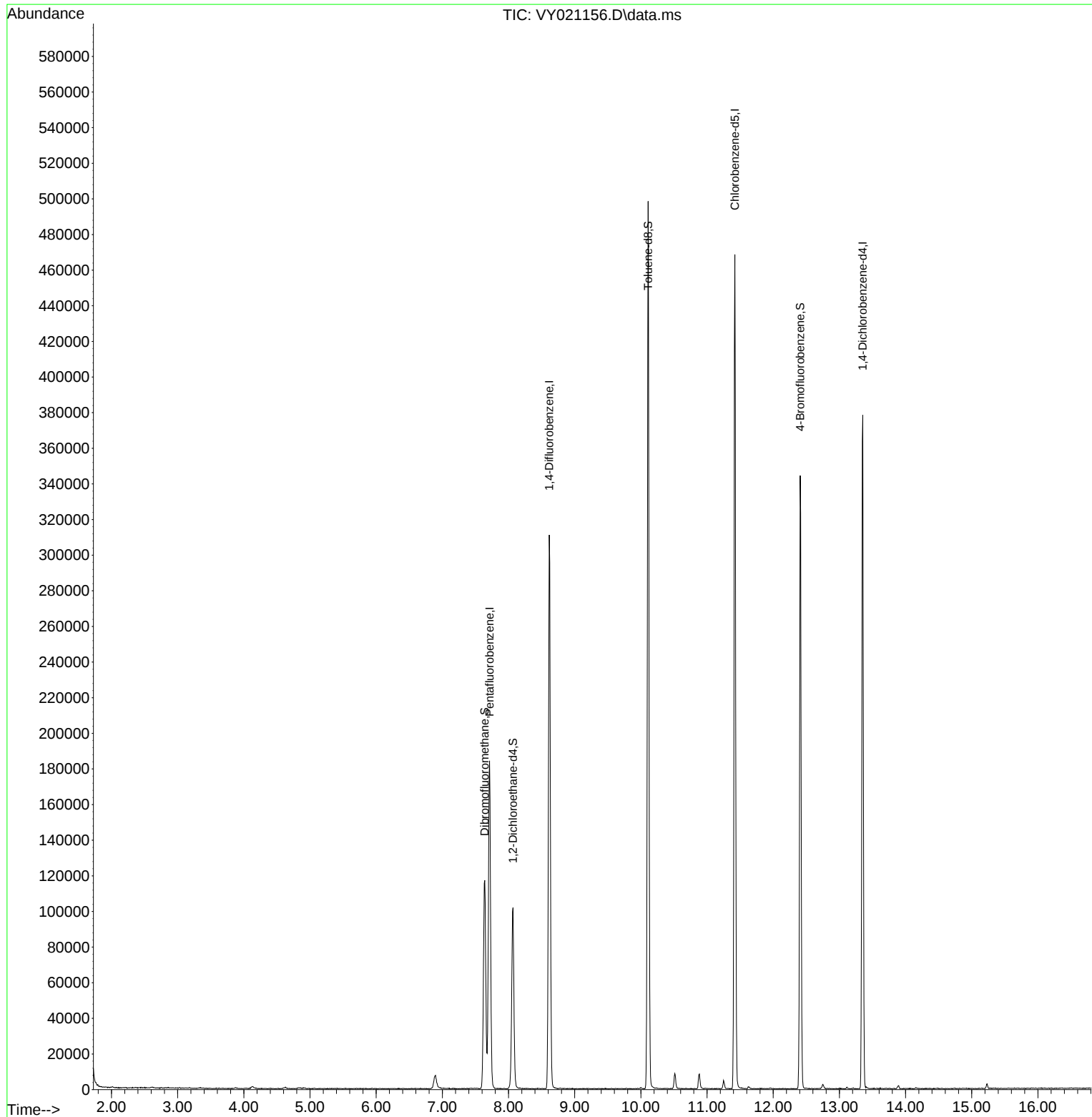
Target Compounds	Qvalue

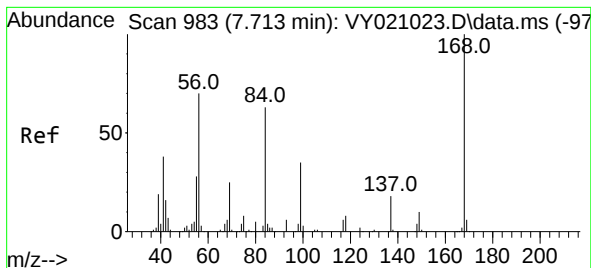
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY021156.D

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Instrument :

MSVOA_Y

ClientSampleId :

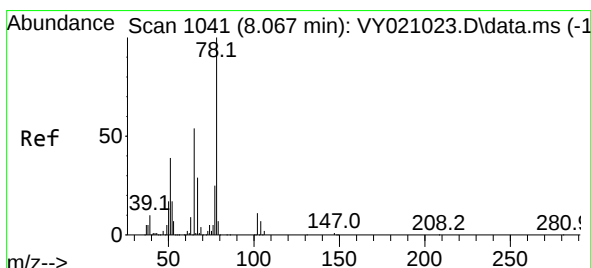
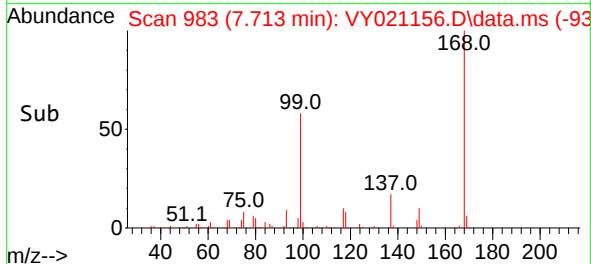
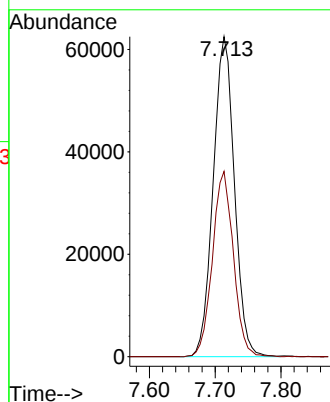
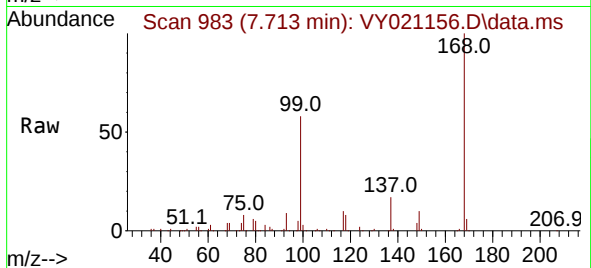
SOIL-2

Tgt Ion:168 Resp: 140278

Ion Ratio Lower Upper

168 100

99 57.9 44.2 66.4



#33

1,2-Dichloroethane-d4

Concen: 56.993 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VY021156.D

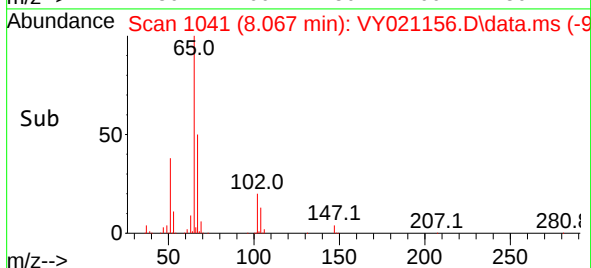
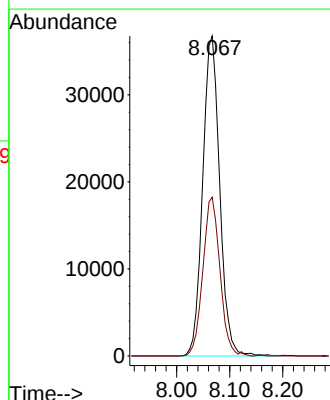
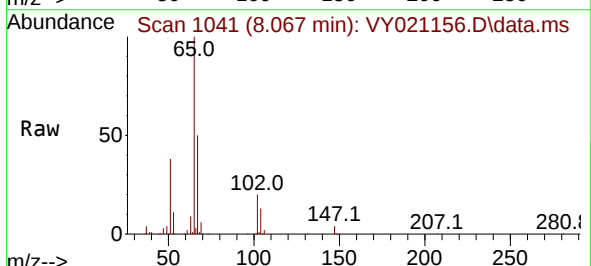
Acq: 10 Feb 2025 14:50

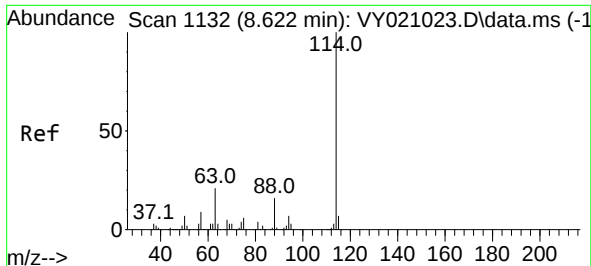
Tgt Ion: 65 Resp: 81914

Ion Ratio Lower Upper

65 100

67 50.0 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.006 min

Lab File: VY021156.D

Acq: 10 Feb 2025 14:50

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-2

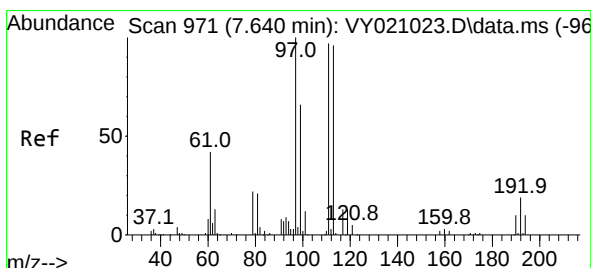
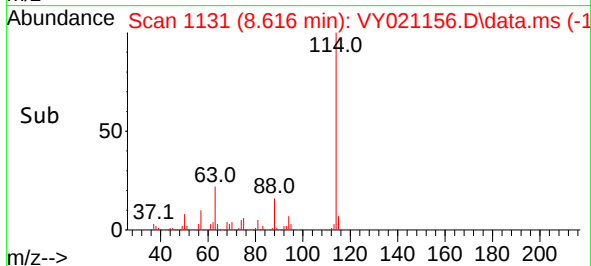
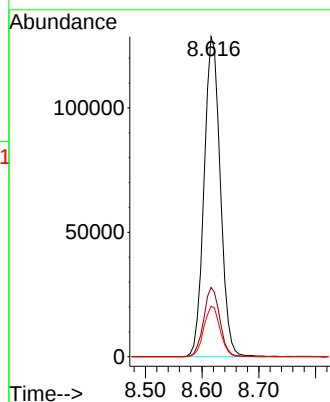
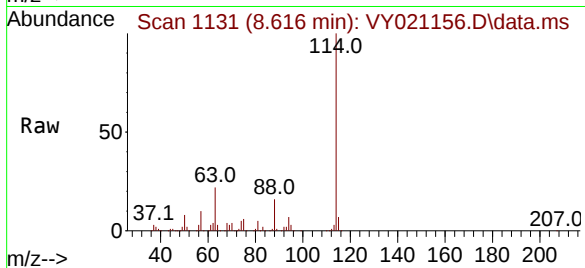
Tgt Ion:114 Resp: 255041

Ion Ratio Lower Upper

114 100

63 21.6 0.0 37.4

88 15.8 0.0 29.0



#35

Dibromofluoromethane

Concen: 51.123 ug/l

RT: 7.640 min Scan# 971

Delta R.T. -0.000 min

Lab File: VY021156.D

Acq: 10 Feb 2025 14:50

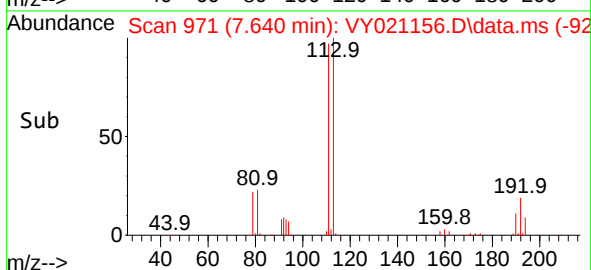
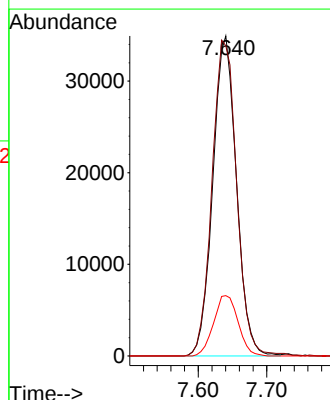
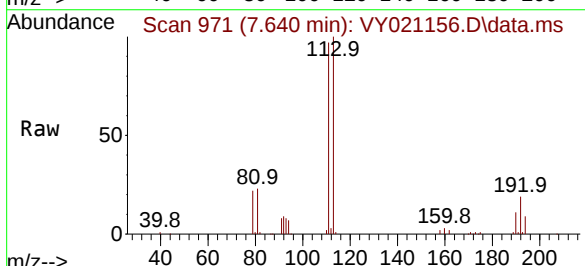
Tgt Ion:113 Resp: 83560

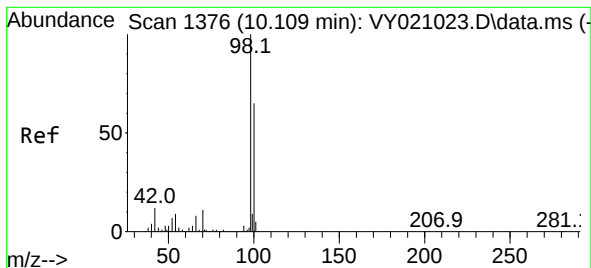
Ion Ratio Lower Upper

113 100

111 103.0 83.8 125.6

192 19.5 14.5 21.7

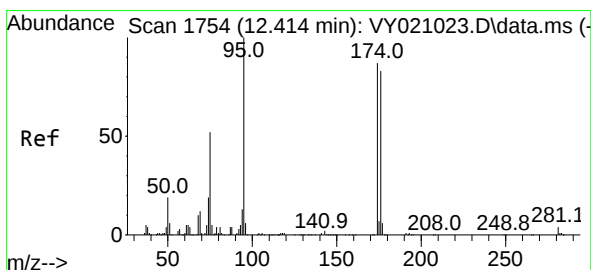
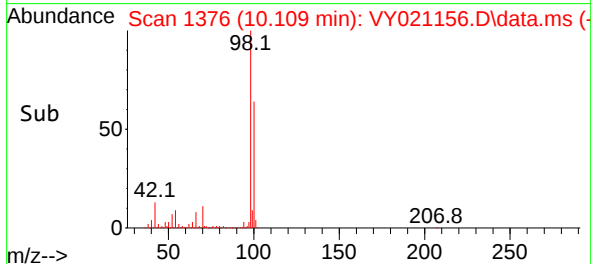
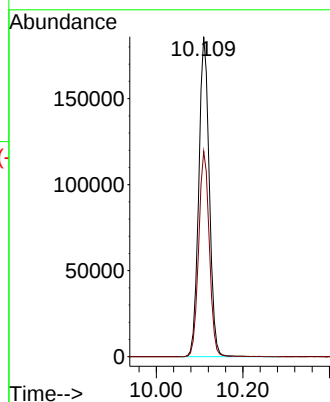
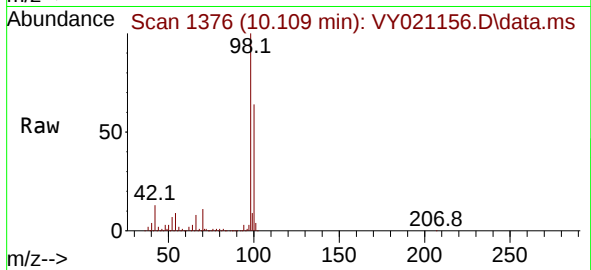




#50
Toluene-d8
Concen: 50.234 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY021156.D
Acq: 10 Feb 2025 14:50

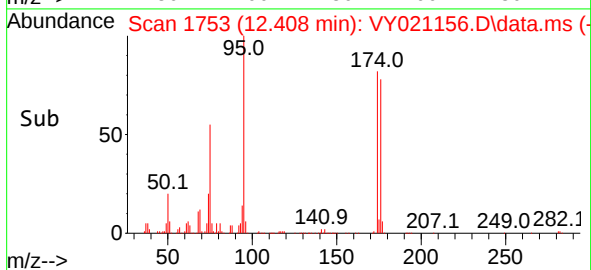
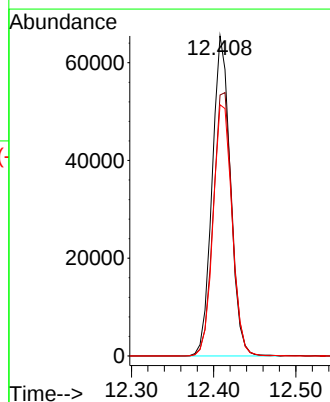
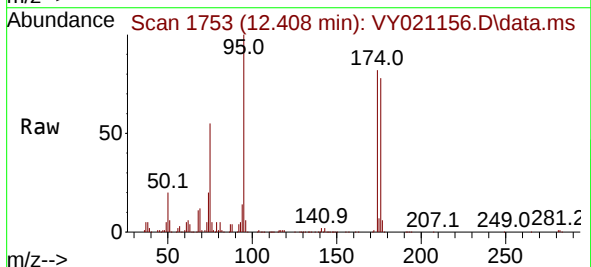
Instrument :
MSVOA_Y
ClientSampleId :
SOIL-2

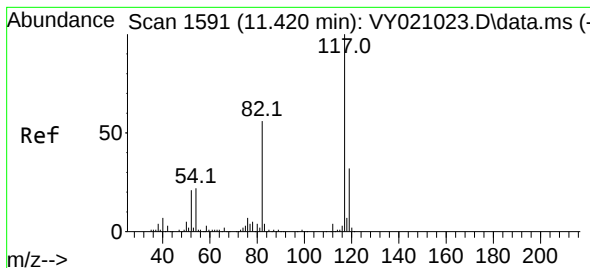
Tgt Ion: 98 Resp: 312585
Ion Ratio Lower Upper
98 100
100 64.8 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 49.593 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY021156.D
Acq: 10 Feb 2025 14:50

Tgt Ion: 95 Resp: 100817
Ion Ratio Lower Upper
95 100
174 85.2 0.0 160.0
176 81.5 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: VY021156.D

Acq: 10 Feb 2025 14:50

Instrument :

MSVOA_Y

ClientSampleId :

SOIL-2

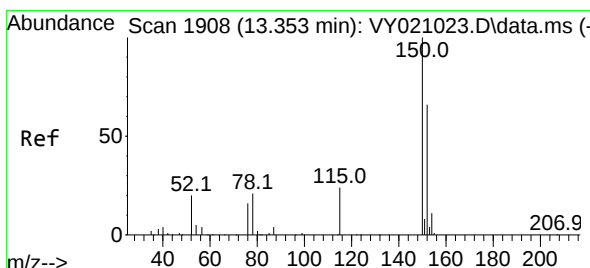
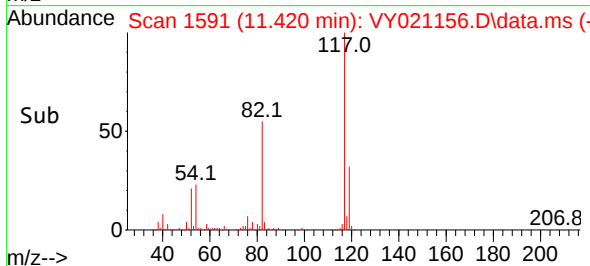
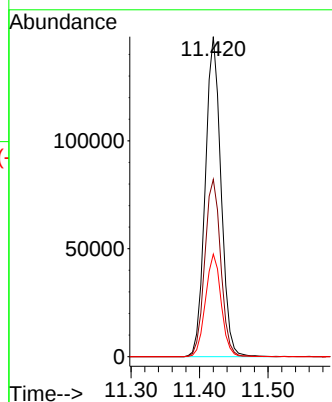
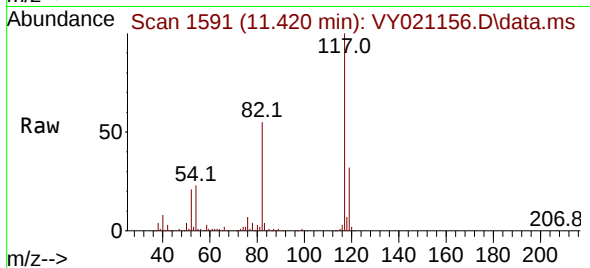
Tgt Ion:117 Resp: 237206

Ion Ratio Lower Upper

117 100

82 55.4 43.8 65.8

119 32.1 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY021156.D

Acq: 10 Feb 2025 14:50

Tgt Ion:152 Resp: 94721

Ion Ratio Lower Upper

152 100

115 59.1 30.0 90.0

150 157.6 0.0 344.6

