

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120425\
 Data File : VY023887.D
 Acq On : 04 Dec 2025 12:22
 Operator : SY/MD
 Sample : Q3750-06RE
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FENCE WC-2-VOCRE

Quant Time: Dec 04 13:58:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120325S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 04 03:49:13 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.713	168	70847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	85911	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	64686	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	20746	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	26372	37.210	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	74.420%
35) Dibromofluoromethane	7.640	113	26685	48.429	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.860%
50) Toluene-d8	10.109	98	95374	44.480	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.960%
62) 4-Bromofluorobenzene	12.408	95	22487	30.748	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	61.500%

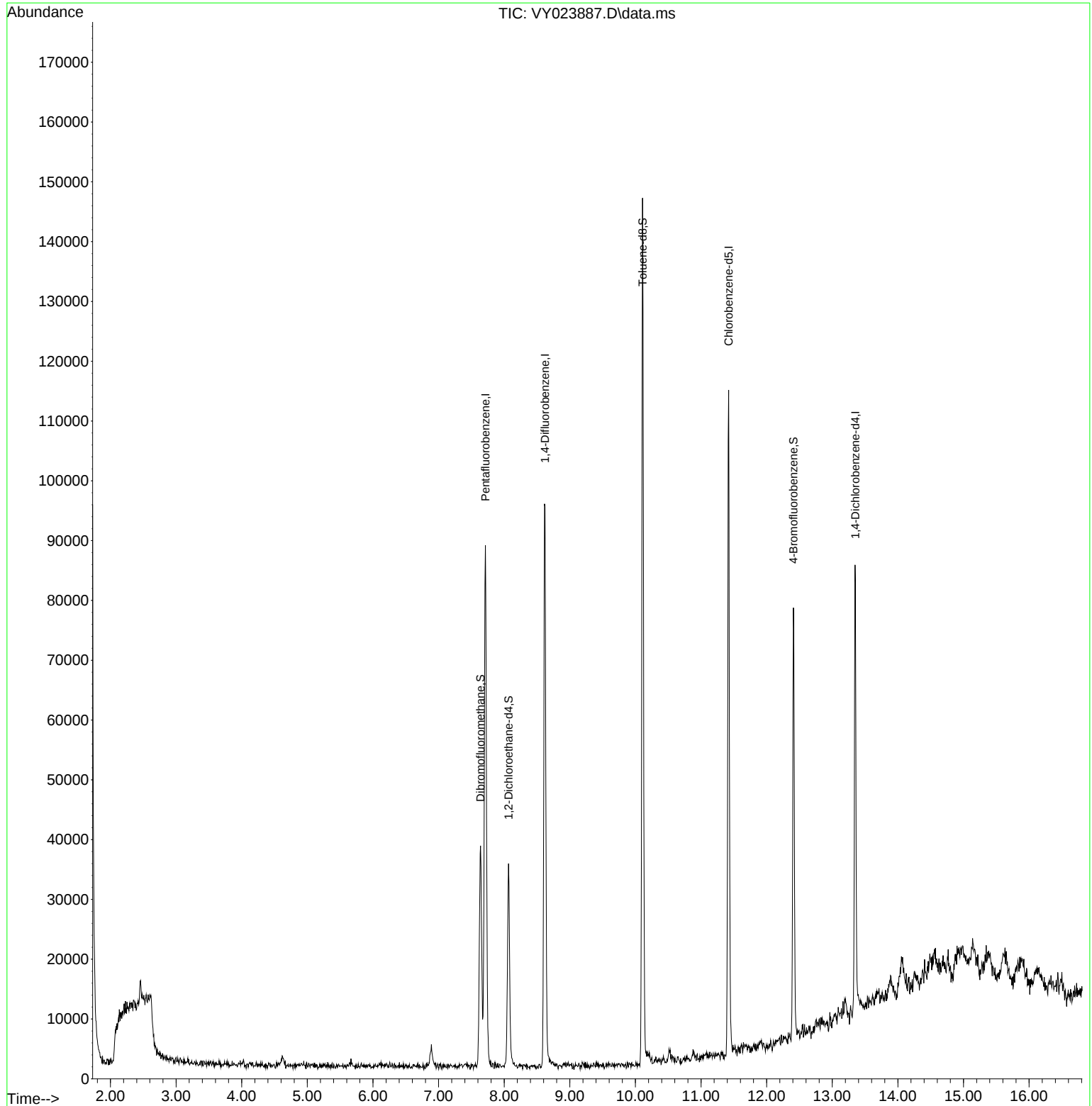
Target Compounds Qvalue

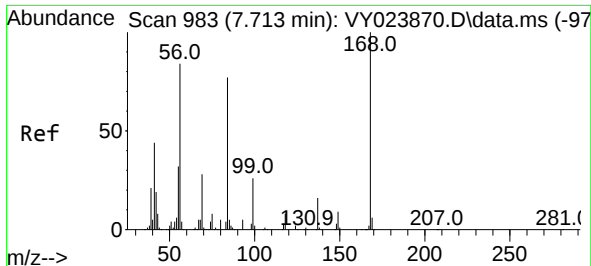
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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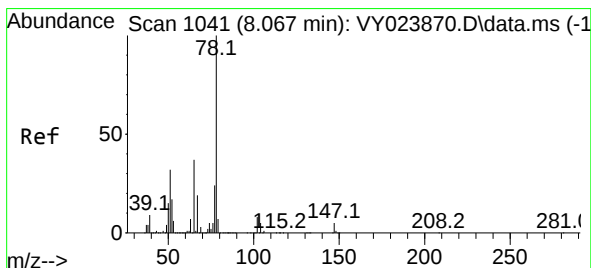
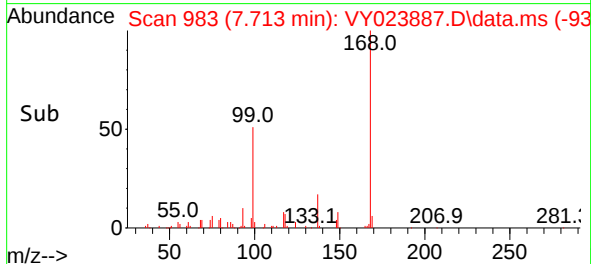
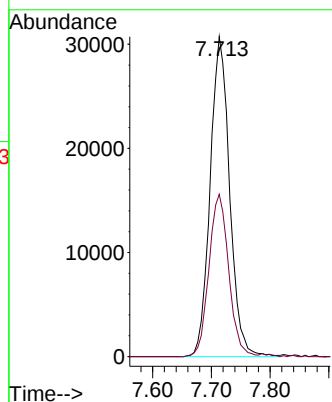
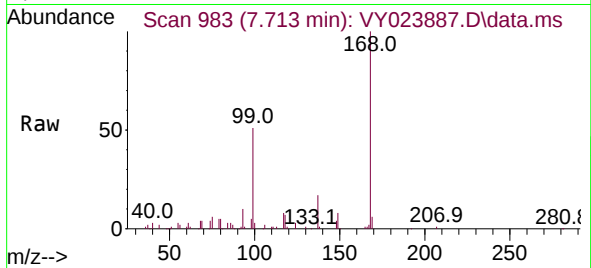




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.000 min
Lab File: VY023887.D
Acq: 04 Dec 2025 12:22

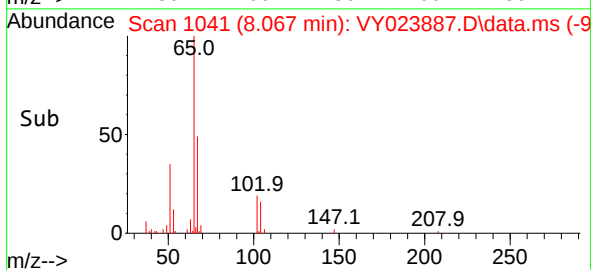
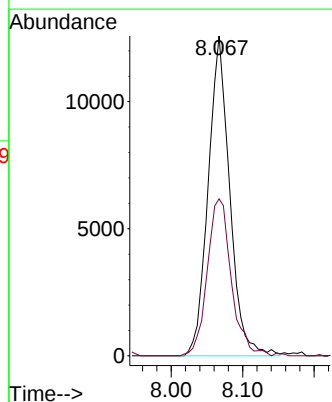
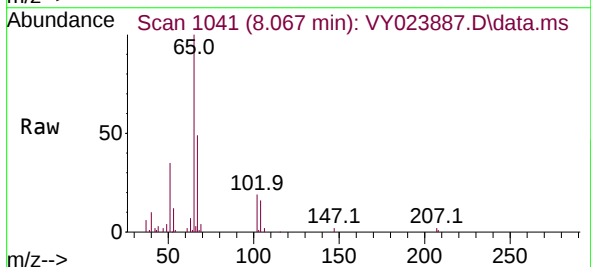
Instrument :
MSVOA_Y
ClientSampleId :
FENCE WC-2-VOCRE

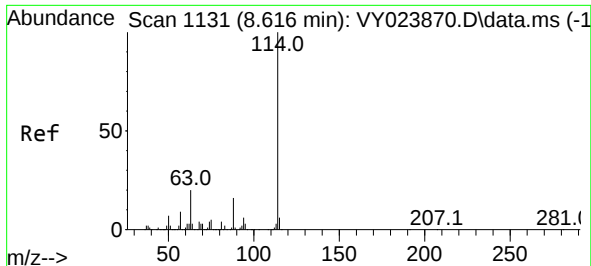
Tgt Ion:168 Resp: 70847
Ion Ratio Lower Upper
168 100
99 50.7 42.5 63.7



#33
1,2-Dichloroethane-d4
Concen: 37.210 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY023887.D
Acq: 04 Dec 2025 12:22

Tgt Ion: 65 Resp: 26372
Ion Ratio Lower Upper
65 100
67 54.6 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY023887.D

Acq: 04 Dec 2025 12:22

Instrument :

MSVOA_Y

ClientSampleId :

FENCE WC-2-VOCRE

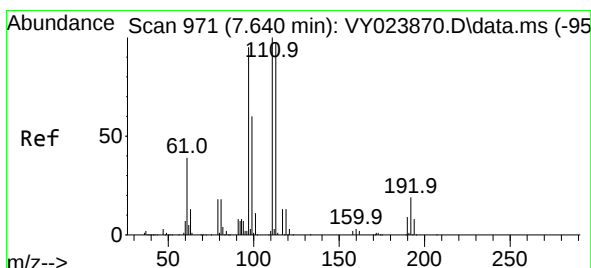
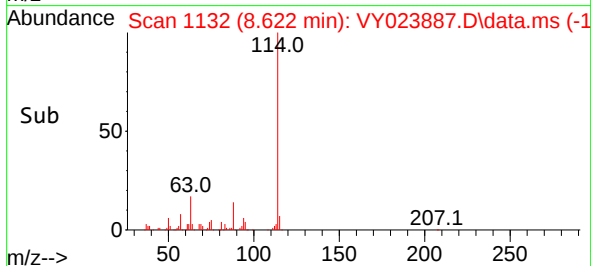
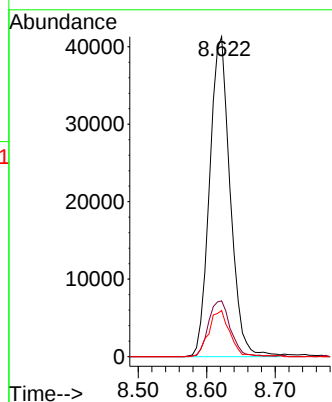
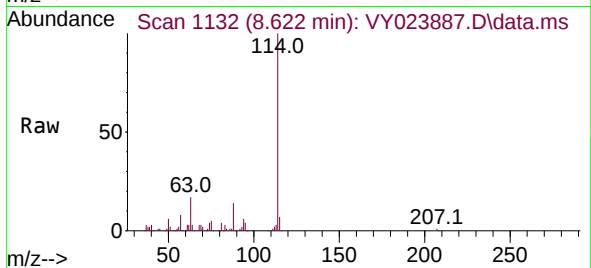
Tgt Ion:114 Resp: 85911

Ion Ratio Lower Upper

114 100

63 17.4 0.0 39.2

88 14.4 0.0 31.4



#35

Dibromofluoromethane

Concen: 48.429 ug/l

RT: 7.640 min Scan# 971

Delta R.T. -0.000 min

Lab File: VY023887.D

Acq: 04 Dec 2025 12:22

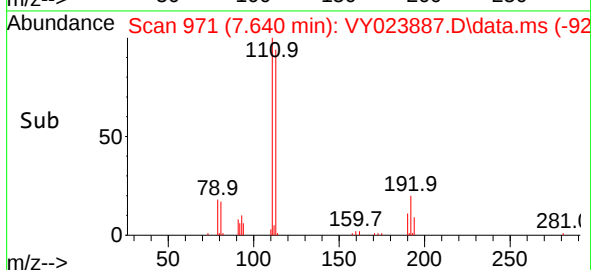
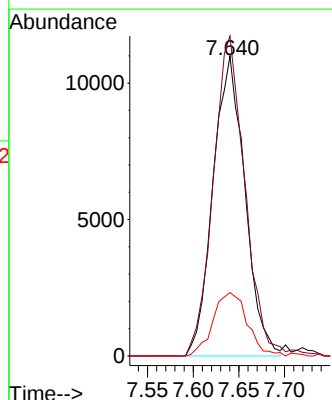
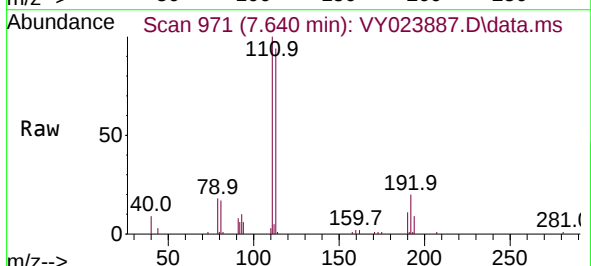
Tgt Ion:113 Resp: 26685

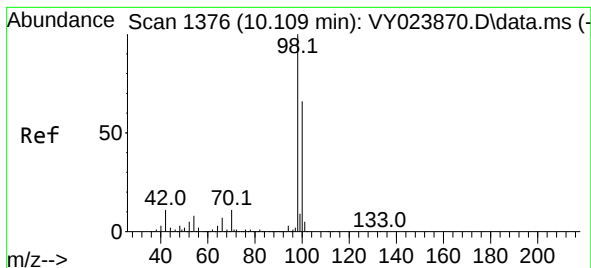
Ion Ratio Lower Upper

113 100

111 106.3 82.2 123.2

192 22.6 15.8 23.8





#50

Toluene-d8

Concen: 44.480 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY023887.D

Acq: 04 Dec 2025 12:22

Instrument :

MSVOA_Y

ClientSampleId :

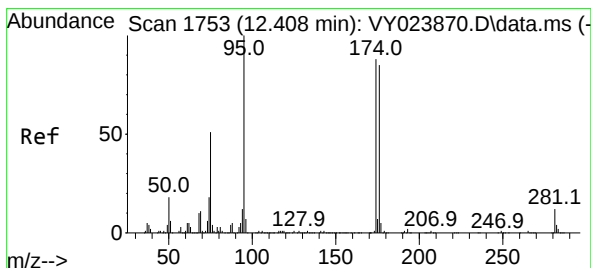
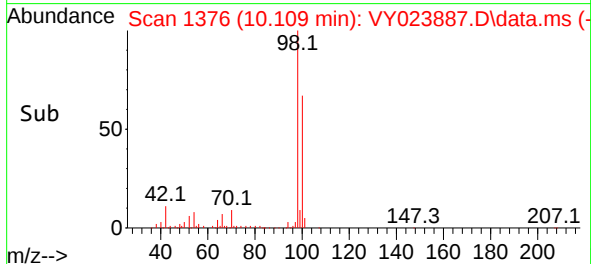
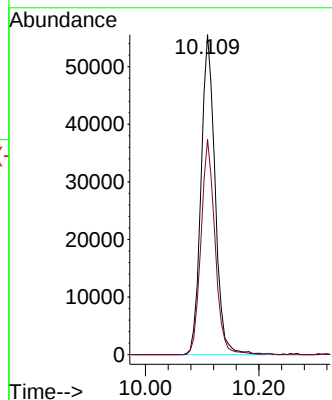
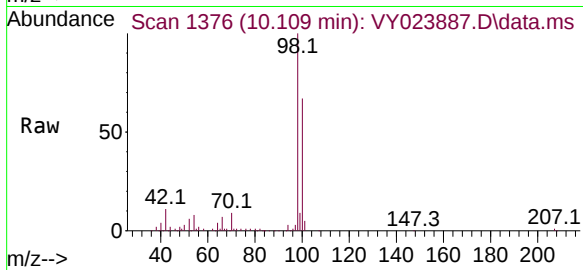
FENCE WC-2-VOCRE

Tgt Ion: 98 Resp: 95374

Ion Ratio Lower Upper

98 100

100 67.2 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 30.748 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.000 min

Lab File: VY023887.D

Acq: 04 Dec 2025 12:22

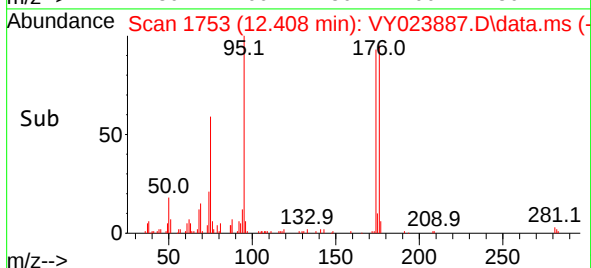
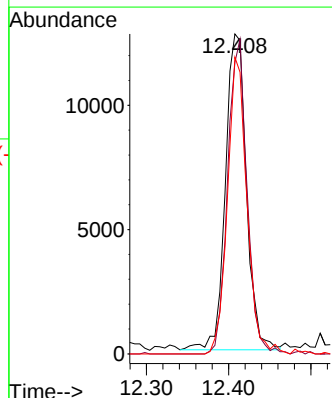
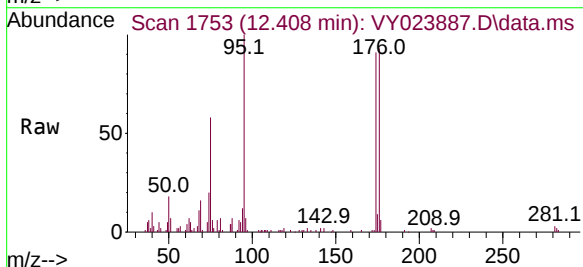
Tgt Ion: 95 Resp: 22487

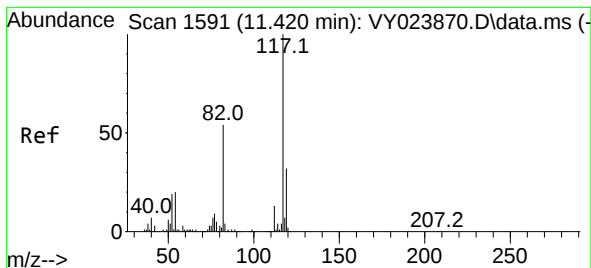
Ion Ratio Lower Upper

95 100

174 91.8 0.0 169.6

176 87.3 0.0 164.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023887.D

Acq: 04 Dec 2025 12:22

Instrument :

MSVOA_Y

ClientSampleId :

FENCE WC-2-VOCRE

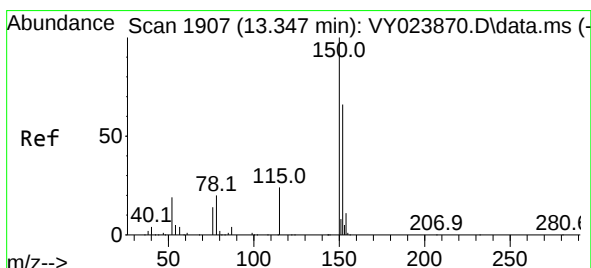
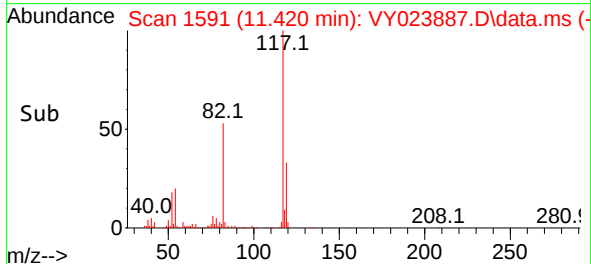
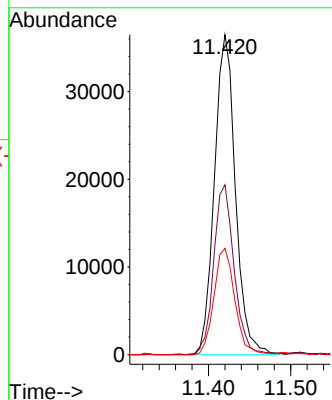
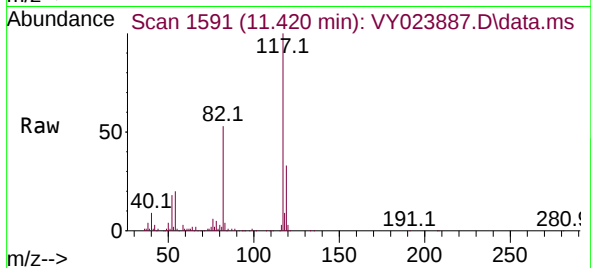
Tgt Ion:117 Resp: 64686

Ion Ratio Lower Upper

117 100

82 52.8 43.1 64.7

119 33.2 26.0 39.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY023887.D

Acq: 04 Dec 2025 12:22

Tgt Ion:152 Resp: 20746

Ion Ratio Lower Upper

152 100

115 55.4 28.8 86.4

150 152.1 0.0 352.2

