

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041525\
 Data File : VY021887.D
 Acq On : 15 Apr 2025 11:42
 Operator : SY/MD
 Sample : Q1792-01RE
 Misc : 5.60g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-041125RE

Quant Time: Apr 16 03:00:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	91502	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	135553	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	99507	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	32691	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	40173	40.522	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.040%
35) Dibromofluoromethane	7.634	113	45985	52.297	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.600%
50) Toluene-d8	10.109	98	155761	46.563	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.120%
62) 4-Bromofluorobenzene	12.408	95	33799	29.871	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	59.740%

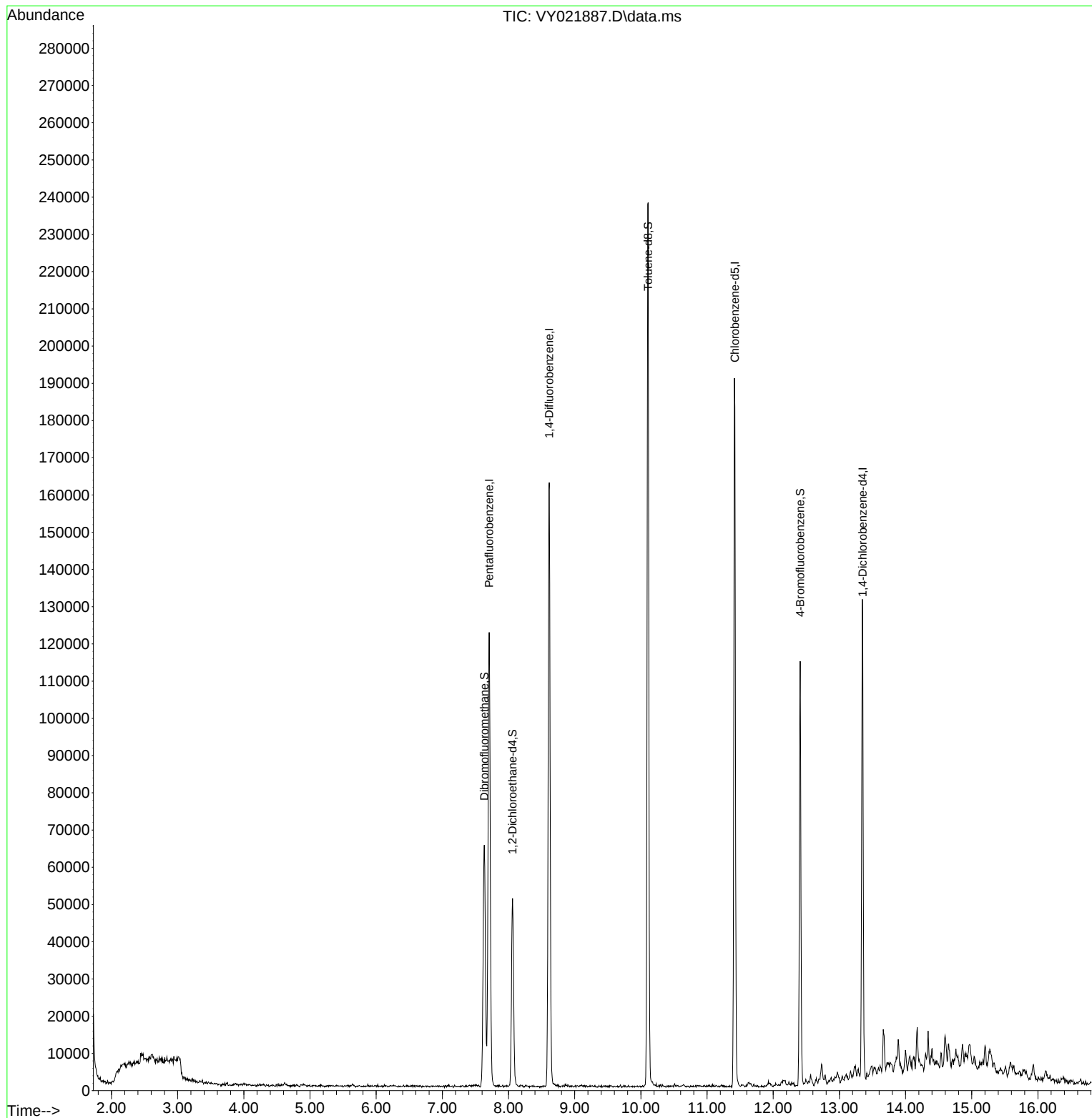
Target Compounds	Qvalue

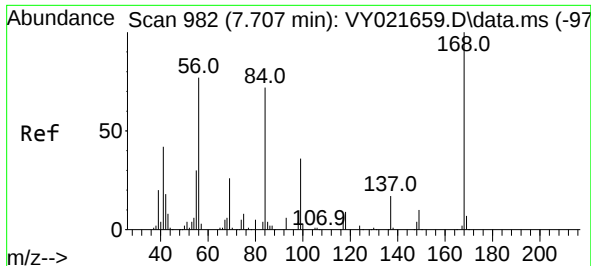
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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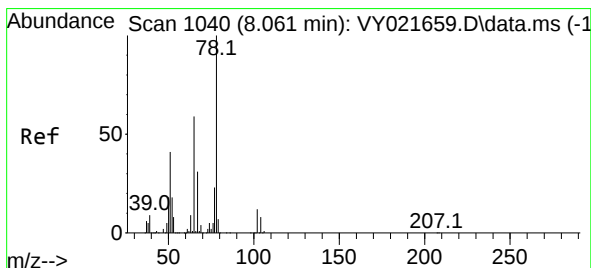
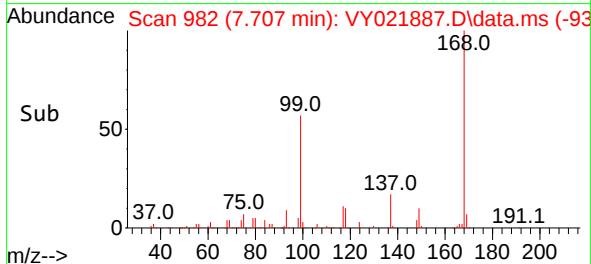
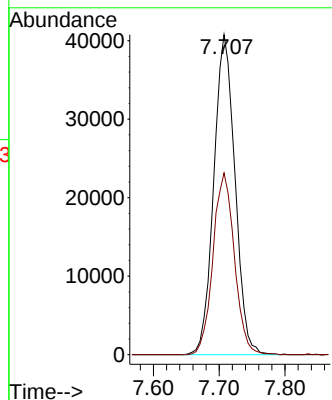
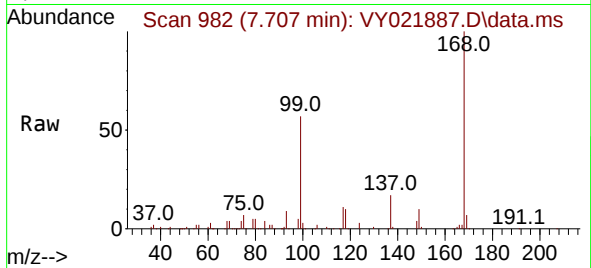




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY021887.D
Acq: 15 Apr 2025 11:42

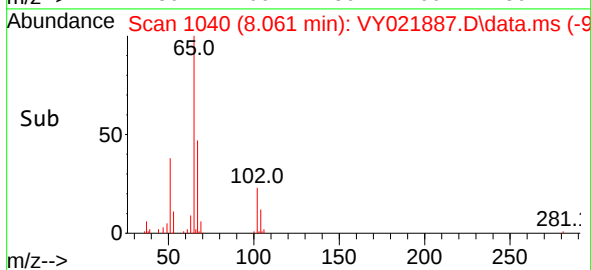
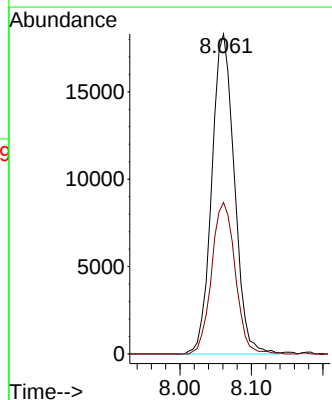
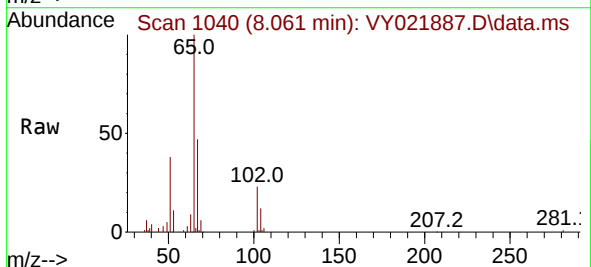
Instrument :
MSVOA_Y
ClientSampleId :
TR-05-041125RE

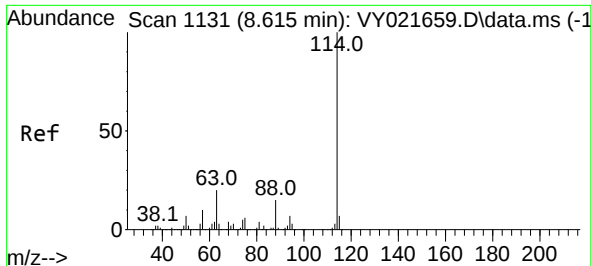
Tgt Ion:168 Resp: 91502
Ion Ratio Lower Upper
168 100
99 56.8 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 40.522 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY021887.D
Acq: 15 Apr 2025 11:42

Tgt Ion: 65 Resp: 40173
Ion Ratio Lower Upper
65 100
67 49.5 0.0 104.6

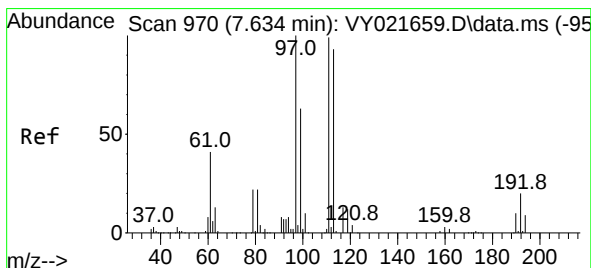
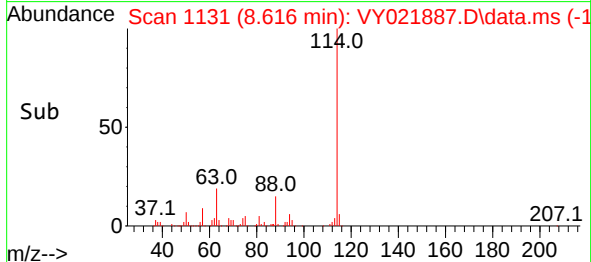
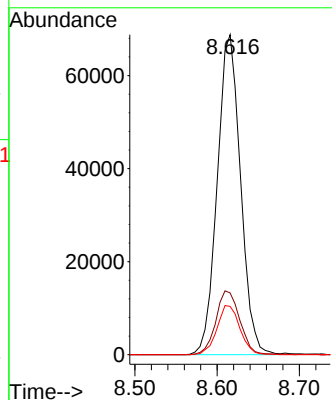
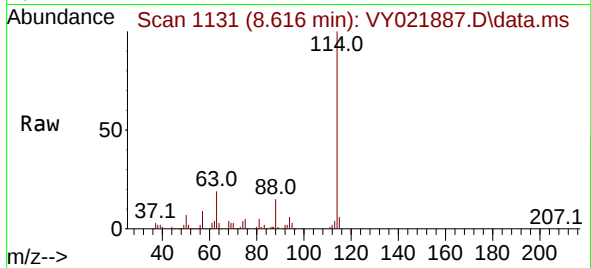




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY021887.D
Acq: 15 Apr 2025 11:42

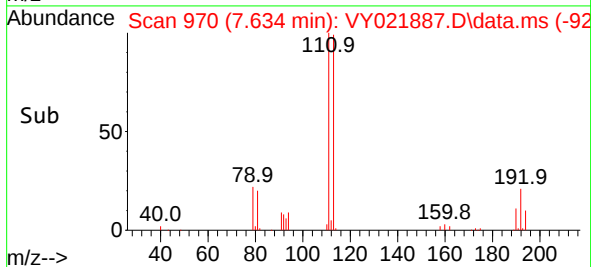
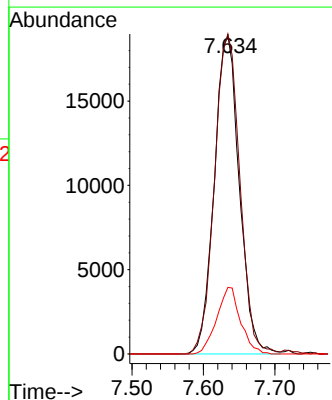
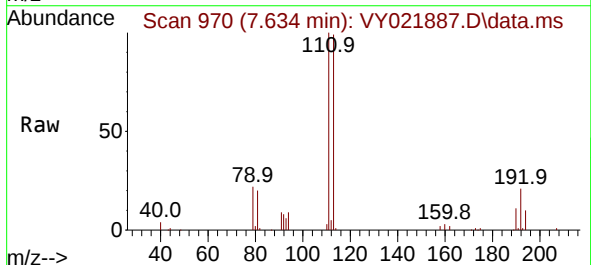
Instrument :
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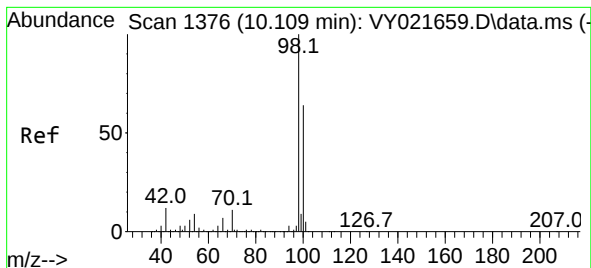
Tgt Ion:114 Resp: 135553
Ion Ratio Lower Upper
114 100
63 19.3 0.0 40.2
88 15.1 0.0 29.8



#35
Dibromofluoromethane
Concen: 52.297 ug/l
RT: 7.634 min Scan# 970
Delta R.T. 0.000 min
Lab File: VY021887.D
Acq: 15 Apr 2025 11:42

Tgt Ion:113 Resp: 45985
Ion Ratio Lower Upper
113 100
111 101.5 82.6 123.8
192 19.8 16.2 24.4





#50

Toluene-d8

Concen: 46.563 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY021887.D

Acq: 15 Apr 2025 11:42

Instrument :

MSVOA_Y

ClientSampleId :

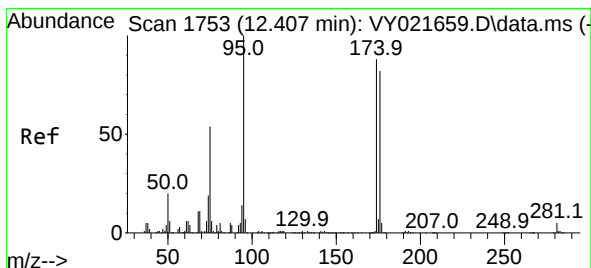
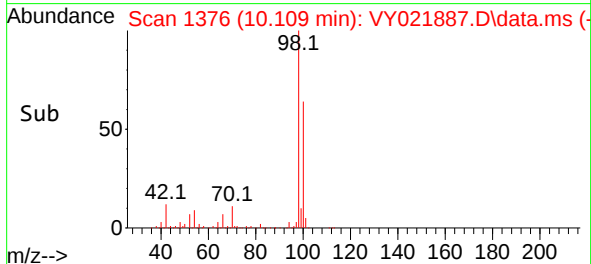
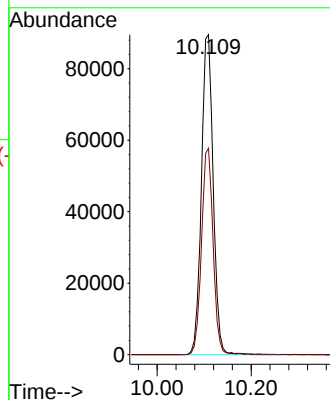
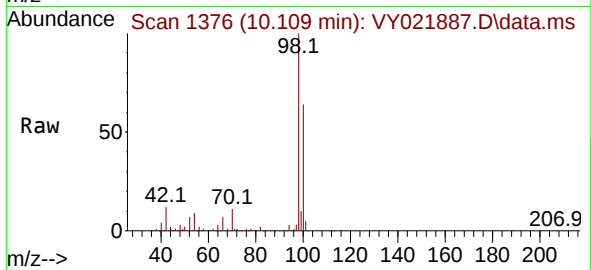
TR-05-041125RE

Tgt Ion: 98 Resp: 155761

Ion Ratio Lower Upper

98 100

100 63.4 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 29.871 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY021887.D

Acq: 15 Apr 2025 11:42

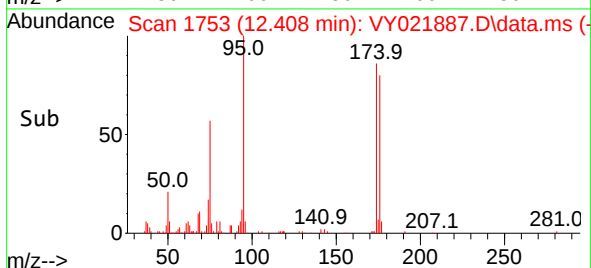
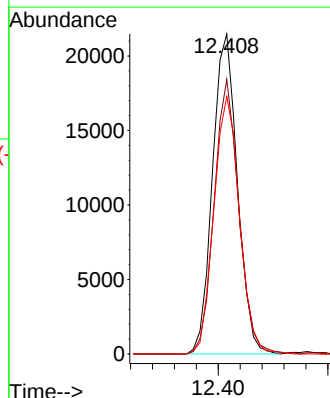
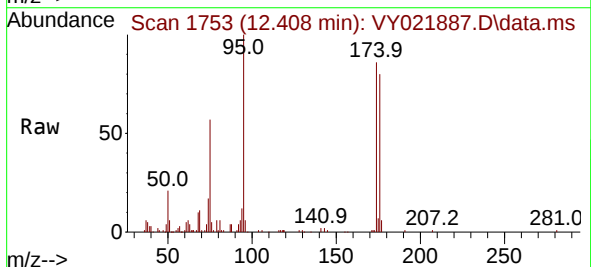
Tgt Ion: 95 Resp: 33799

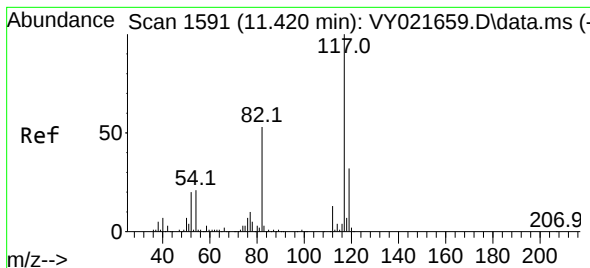
Ion Ratio Lower Upper

95 100

174 85.2 0.0 170.8

176 82.7 0.0 162.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY021887.D

Acq: 15 Apr 2025 11:42

Instrument :

MSVOA_Y

ClientSampleId :

TR-05-041125RE

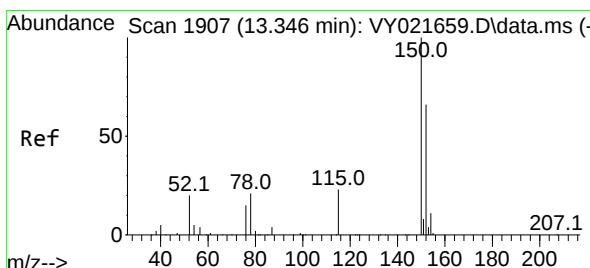
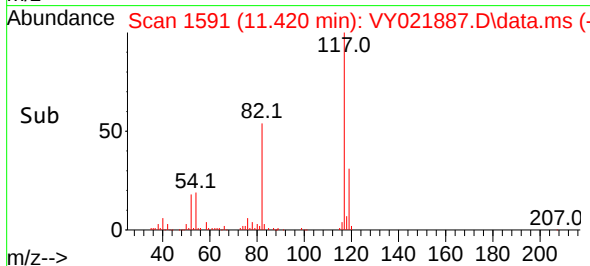
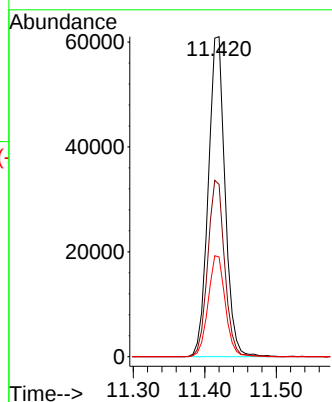
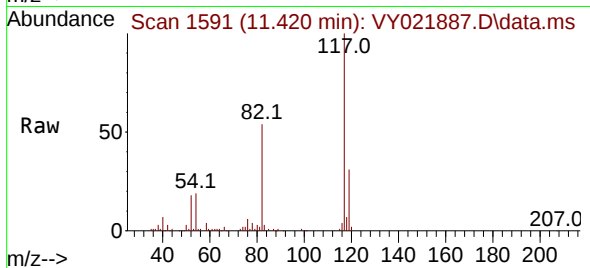
Tgt Ion:117 Resp: 99507

Ion Ratio Lower Upper

117 100

82 53.8 42.8 64.2

119 31.1 25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY021887.D

Acq: 15 Apr 2025 11:42

Tgt Ion:152 Resp: 32691

Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 154.4 0.0 348.4

