

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112625\
 Data File : VY023817.D
 Acq On : 26 Nov 2025 11:13
 Operator : SY/MD
 Sample : VY1126SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1126SBL01

Quant Time: Nov 27 01:17:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112625S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 27 01:14:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	798267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	1469518	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	1241361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	501293	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	458147	58.934	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.860%
35) Dibromofluoromethane	7.640	113	468262	53.791	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.580%
50) Toluene-d8	10.109	98	1730074	50.035	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.060%
62) 4-Bromofluorobenzene	12.407	95	507573	44.614	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.220%

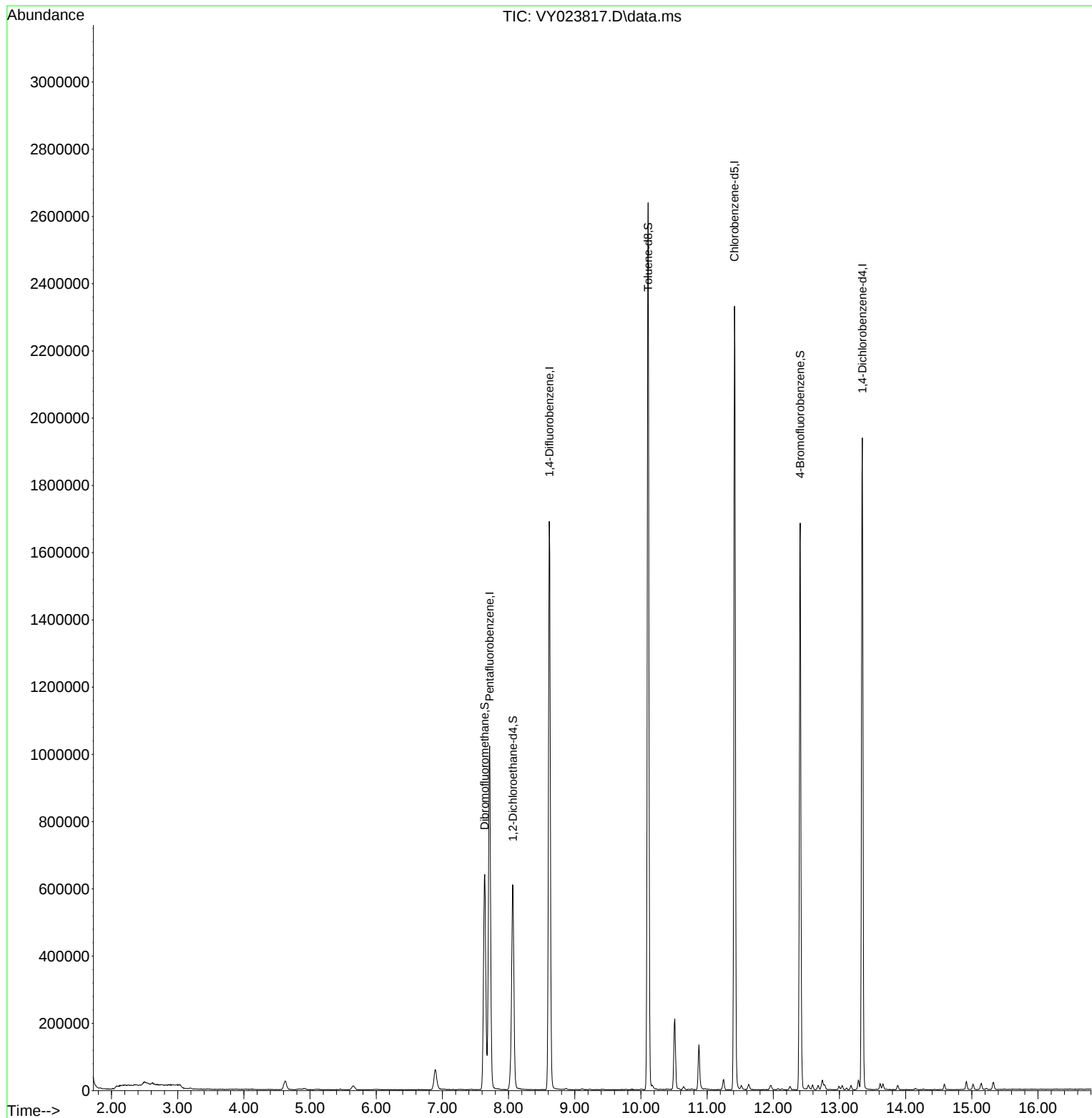
Target Compounds	Qvalue

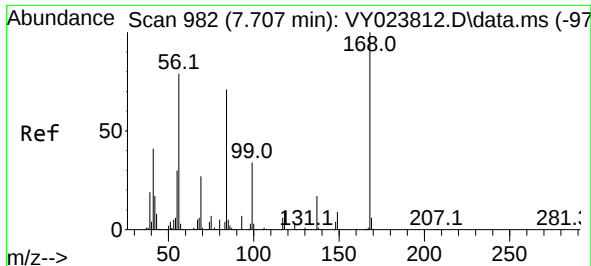
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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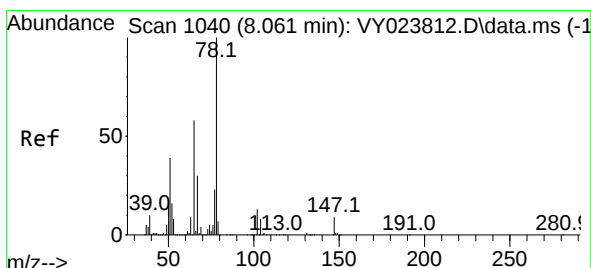
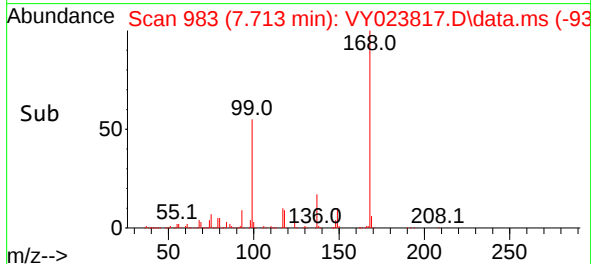
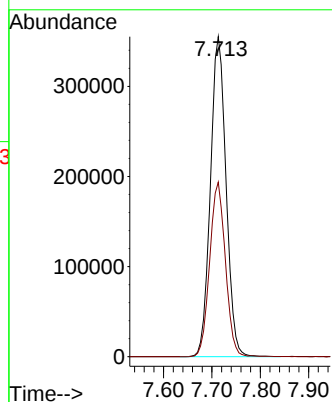
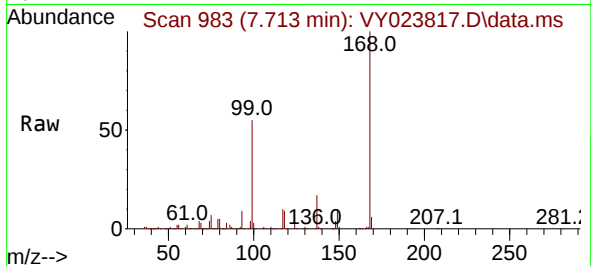




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023817.D
Acq: 26 Nov 2025 11:13

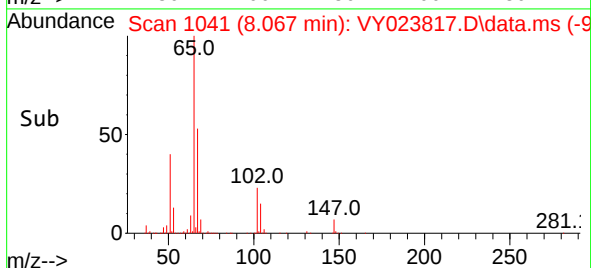
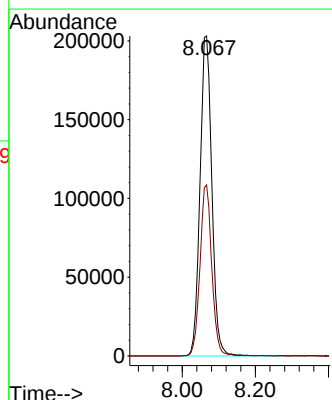
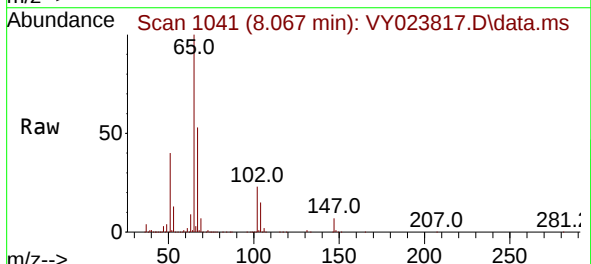
Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBL01

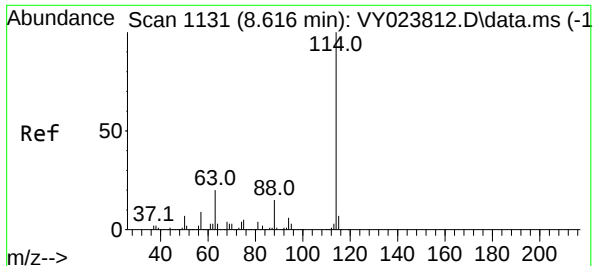
Tgt Ion:168 Resp: 798267
Ion Ratio Lower Upper
168 100
99 54.5 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 58.934 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY023817.D
Acq: 26 Nov 2025 11:13

Tgt Ion: 65 Resp: 458147
Ion Ratio Lower Upper
65 100
67 53.1 0.0 107.4

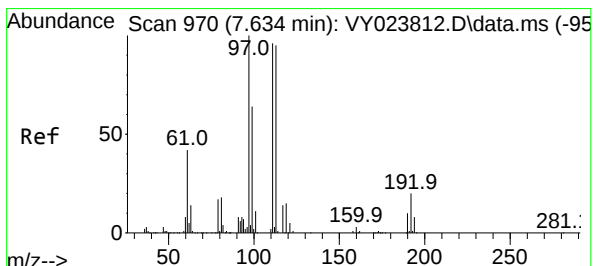
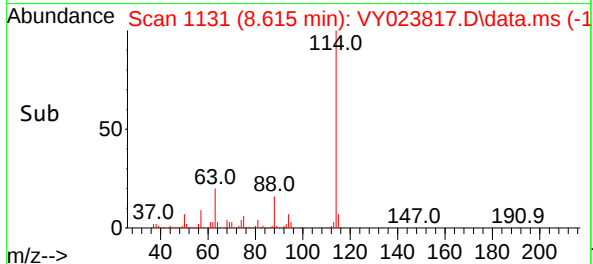
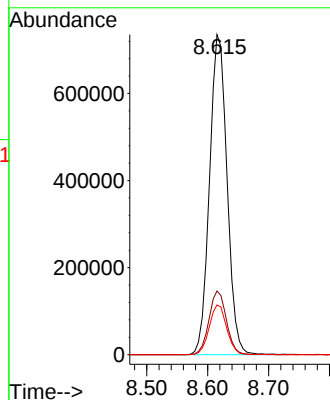
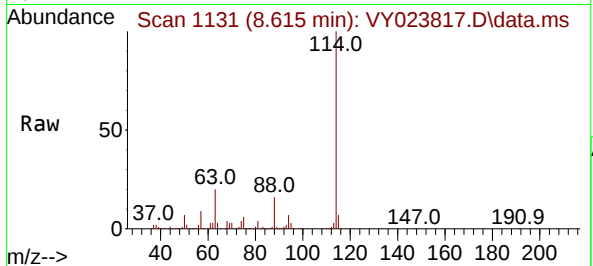




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.615 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VY023817.D
Acq: 26 Nov 2025 11:13

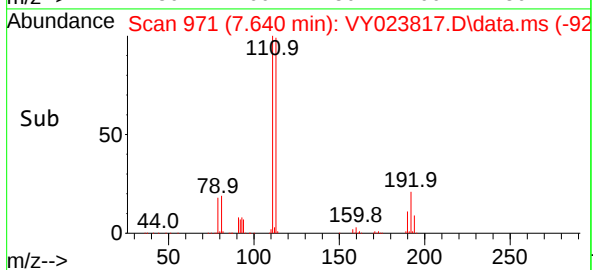
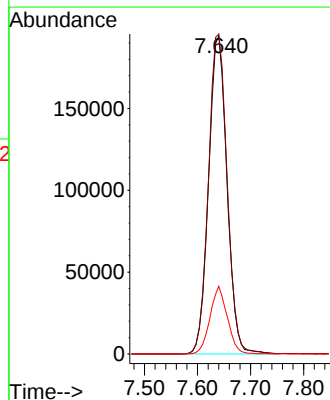
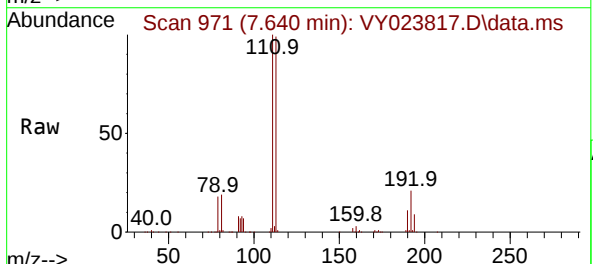
Instrument :
MSVOA_Y
ClientSampleId :
VY1126SBL01

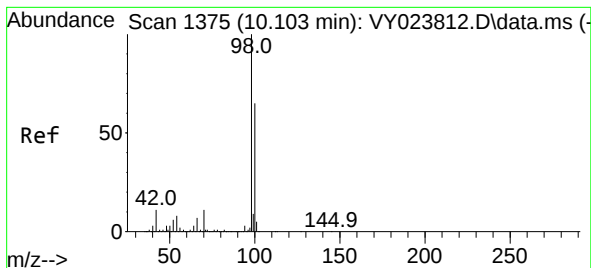
Tgt Ion:114 Resp: 1469518
Ion Ratio Lower Upper
114 100
63 19.9 0.0 39.4
88 15.6 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.791 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY023817.D
Acq: 26 Nov 2025 11:13

Tgt Ion:113 Resp: 468262
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 20.0 15.8 23.8





#50

Toluene-d8

Concen: 50.035 ug/l

RT: 10.109 min Scan# 1375

Delta R.T. 0.006 min

Lab File: VY023817.D

Acq: 26 Nov 2025 11:13

Instrument :

MSVOA_Y

ClientSampleId :

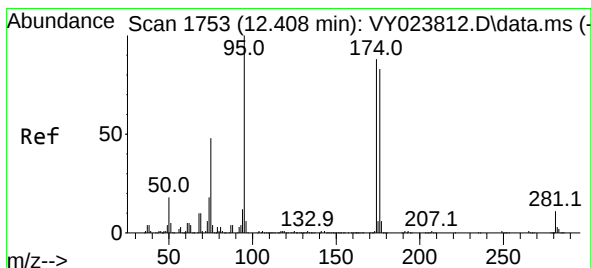
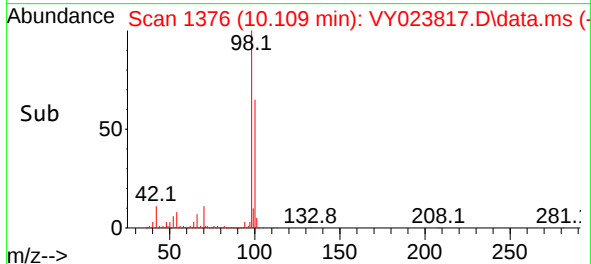
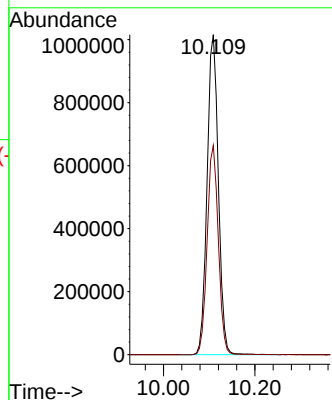
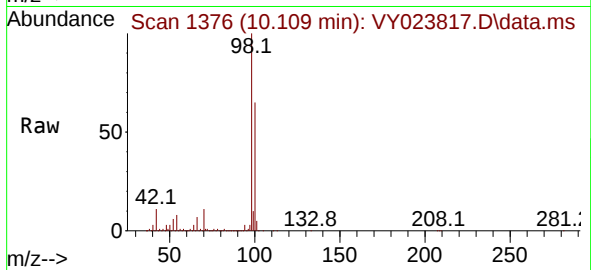
VY1126SBL01

Tgt Ion: 98 Resp: 1730074

Ion Ratio Lower Upper

98 100

100 64.9 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 44.614 ug/l

RT: 12.407 min Scan# 1753

Delta R.T. -0.000 min

Lab File: VY023817.D

Acq: 26 Nov 2025 11:13

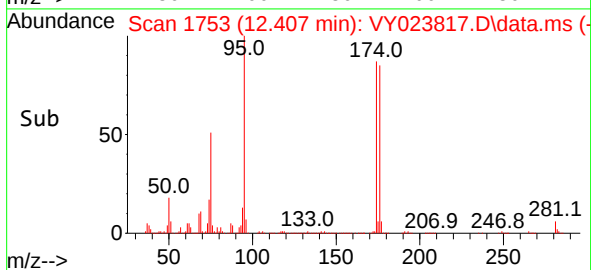
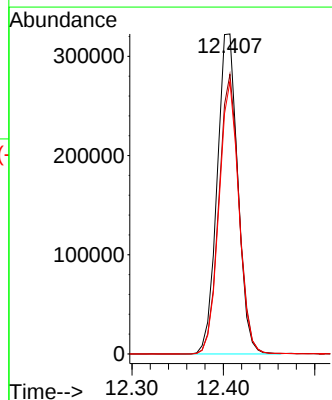
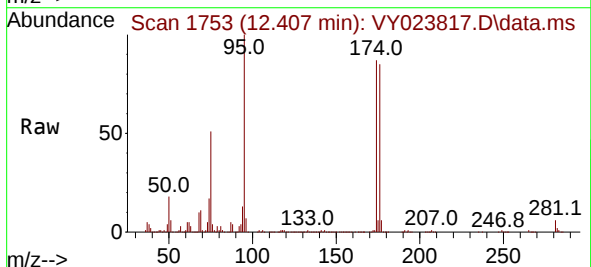
Tgt Ion: 95 Resp: 507573

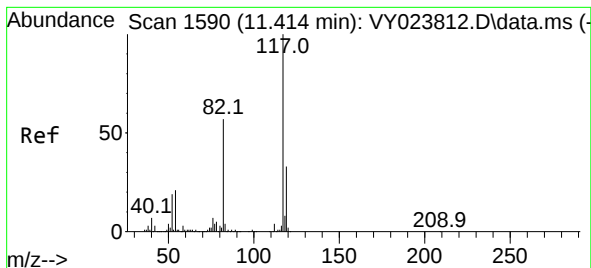
Ion Ratio Lower Upper

95 100

174 85.1 0.0 168.6

176 82.1 0.0 164.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY023817.D

Acq: 26 Nov 2025 11:13

Instrument :

MSVOA_Y

ClientSampleId :

VY1126SBL01

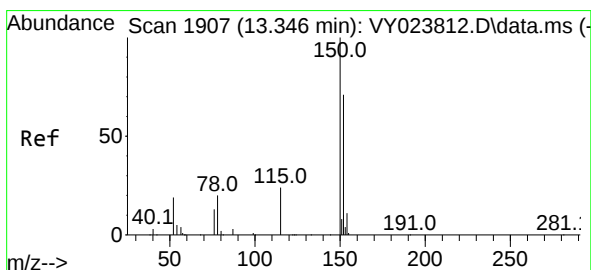
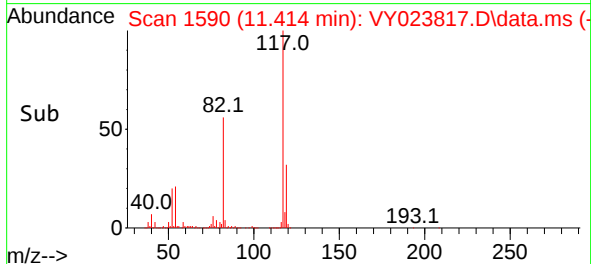
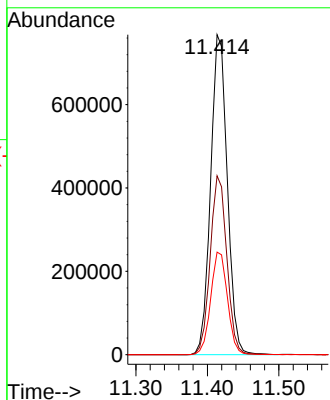
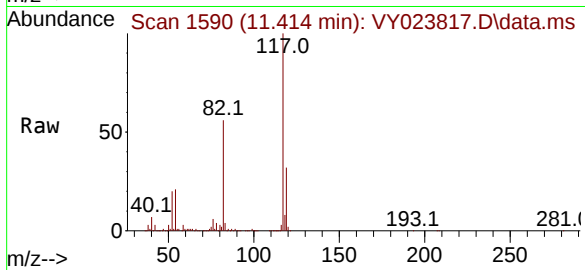
Tgt Ion:117 Resp: 1241361

Ion Ratio Lower Upper

117 100

82 55.9 45.4 68.0

119 32.0 26.0 39.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY023817.D

Acq: 26 Nov 2025 11:13

Tgt Ion:152 Resp: 501293

Ion Ratio Lower Upper

152 100

115 58.1 28.7 86.3

150 158.5 0.0 345.6

