

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071825\
 Data File : VV038917.D
 Acq On : 18 Jul 2025 13:07
 Operator : SY/MD
 Sample : VV0718WBL02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0718WBL02

Quant Time: Jul 19 00:41:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 14 09:44:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	554090	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1024215	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	938322	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	422105	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	384952	56.861	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	113.720%
35) Dibromofluoromethane	4.500	113	318409	45.597	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	91.200%
50) Toluene-d8	7.236	98	1103920	52.299	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	104.600%
62) 4-Bromofluorobenzene	10.001	95	418616	49.231	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	98.460%

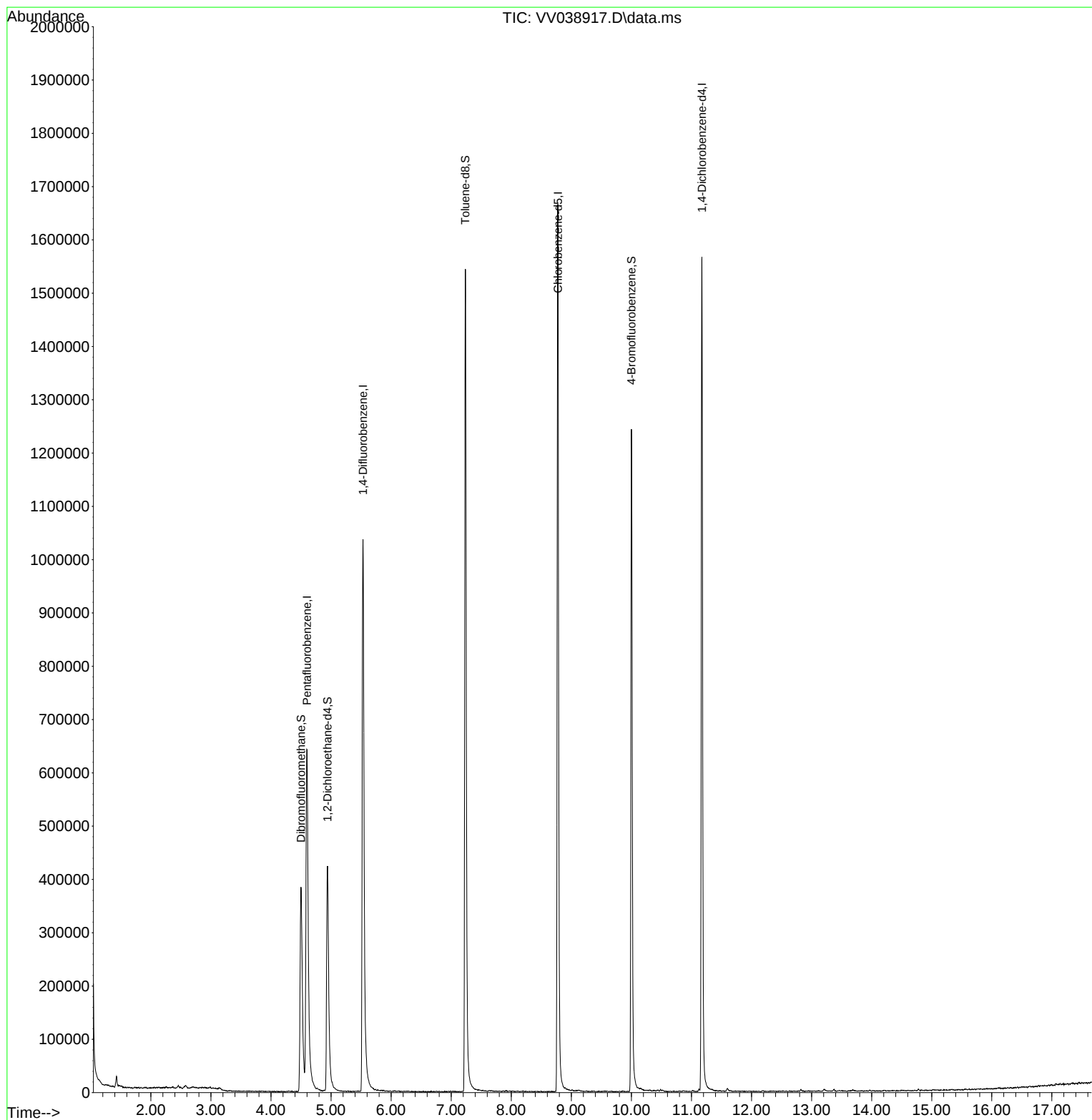
Target Compounds	Qvalue

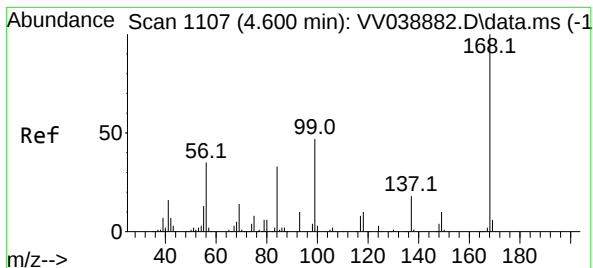
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VV038917.D

Acq: 18 Jul 2025 13:07

Instrument :

MSVOA_V

ClientSampleId :

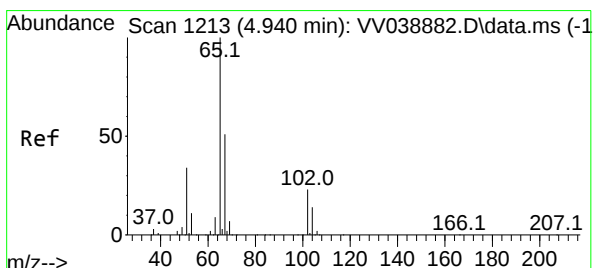
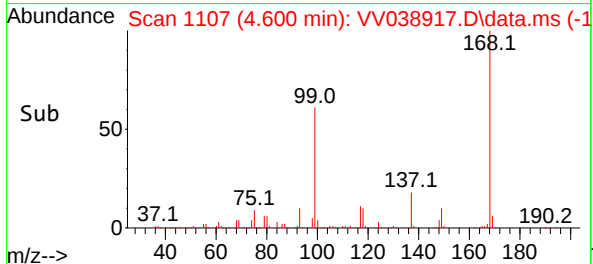
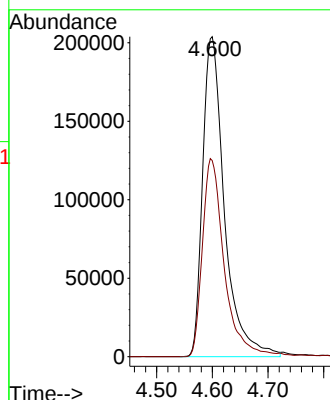
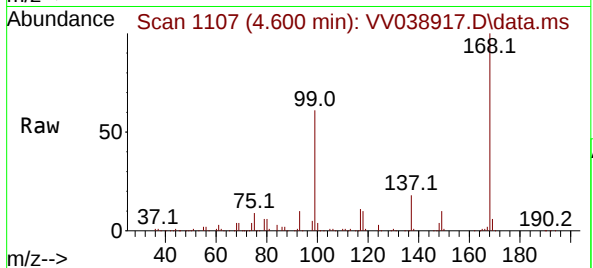
VV0718WBL02

Tgt Ion:168 Resp: 554090

Ion Ratio Lower Upper

168 100

99 61.3 48.6 73.0



#33

1,2-Dichloroethane-d4

Concen: 56.861 ug/l

RT: 4.940 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VV038917.D

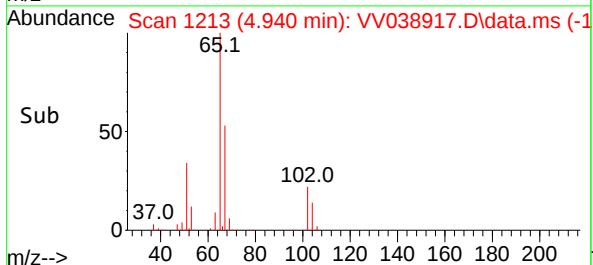
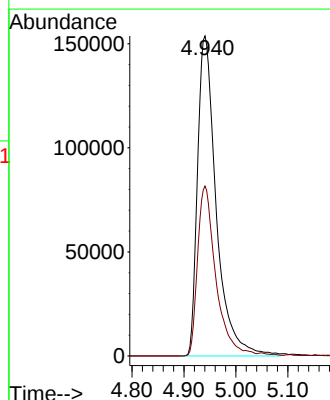
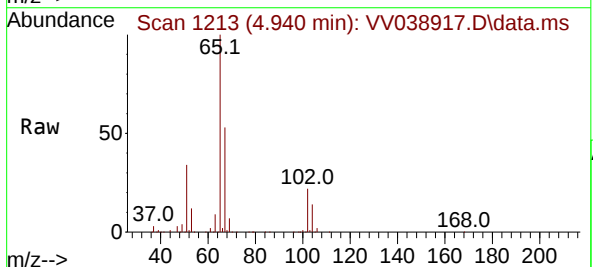
Acq: 18 Jul 2025 13:07

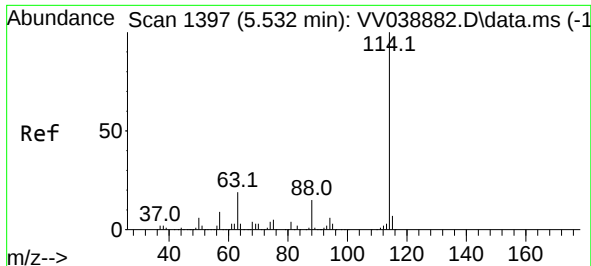
Tgt Ion: 65 Resp: 384952

Ion Ratio Lower Upper

65 100

67 51.7 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV038917.D

Acq: 18 Jul 2025 13:07

Instrument :

MSVOA_V

ClientSampleId :

VV0718WBL02

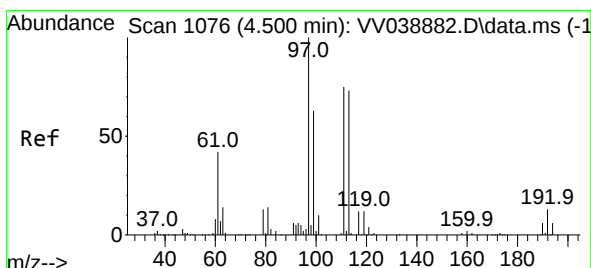
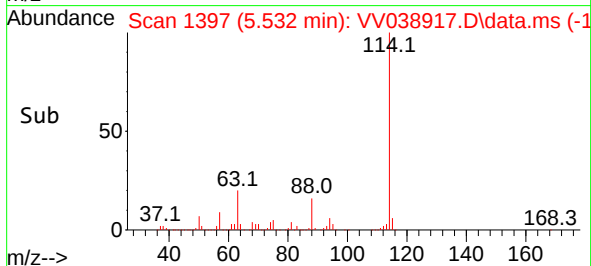
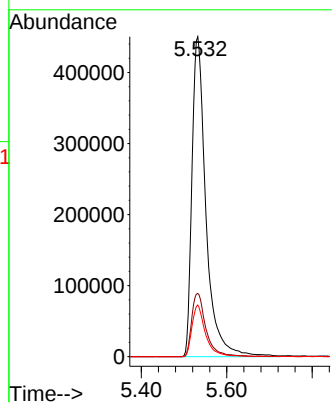
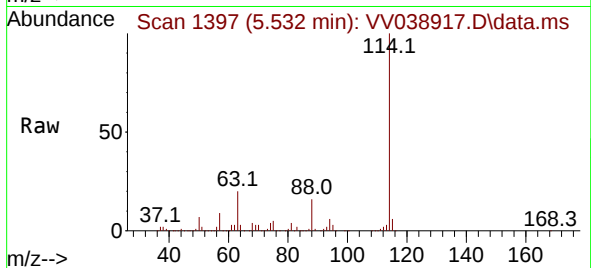
Tgt Ion:114 Resp: 1024215

Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.2

88 16.2 0.0 30.8



#35

Dibromofluoromethane

Concen: 45.597 ug/l

RT: 4.500 min Scan# 1076

Delta R.T. -0.000 min

Lab File: VV038917.D

Acq: 18 Jul 2025 13:07

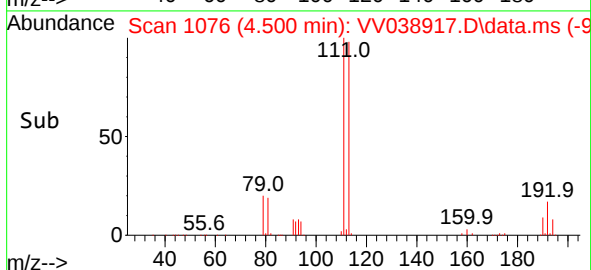
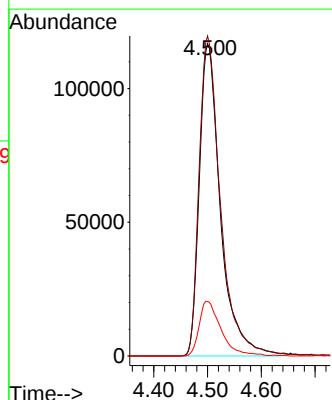
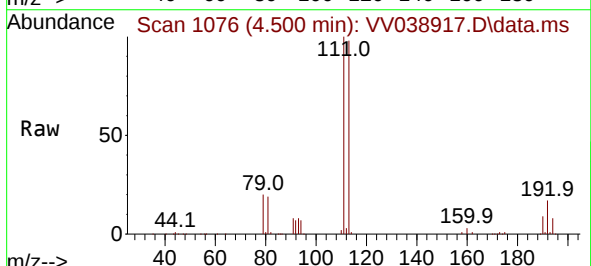
Tgt Ion:113 Resp: 318409

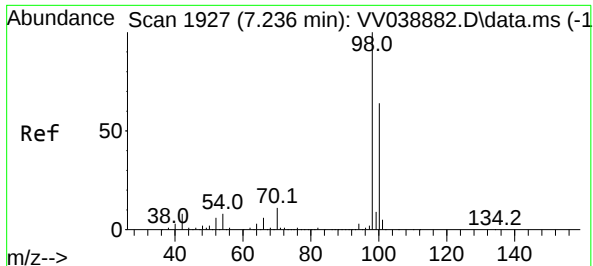
Ion Ratio Lower Upper

113 100

111 104.0 83.3 124.9

192 18.2 14.2 21.4

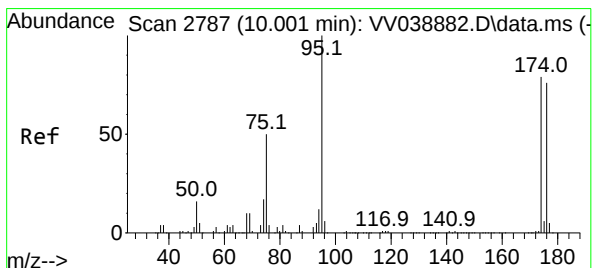
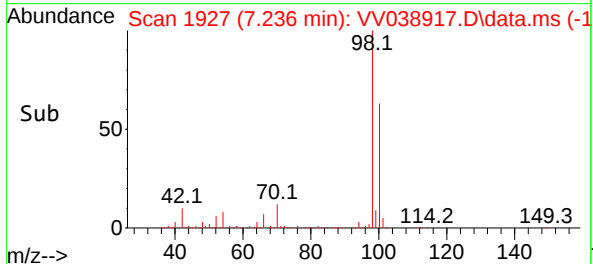
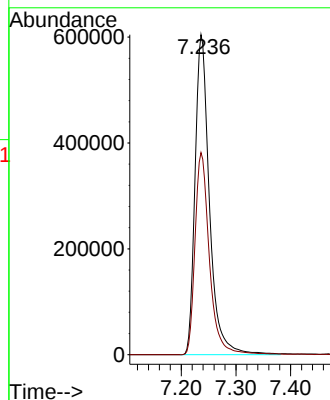
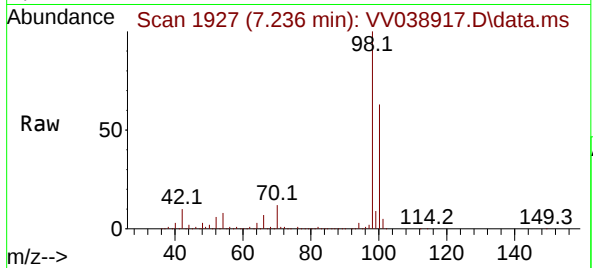




#50
Toluene-d8
Concen: 52.299 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VV038917.D
Acq: 18 Jul 2025 13:07

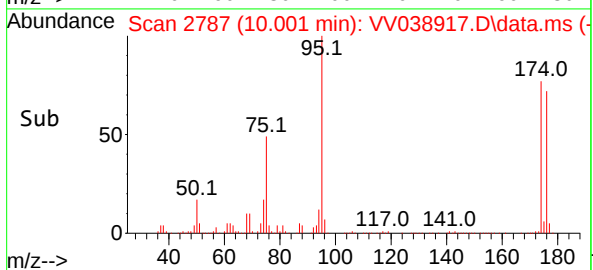
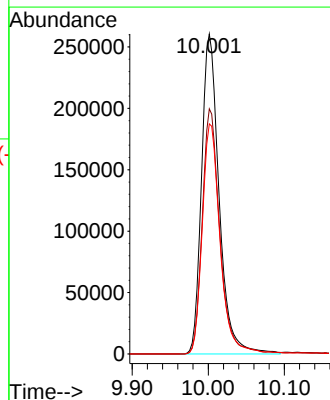
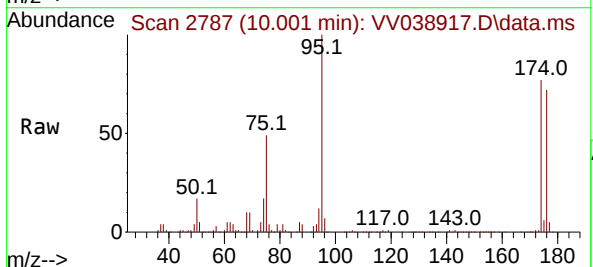
Instrument :
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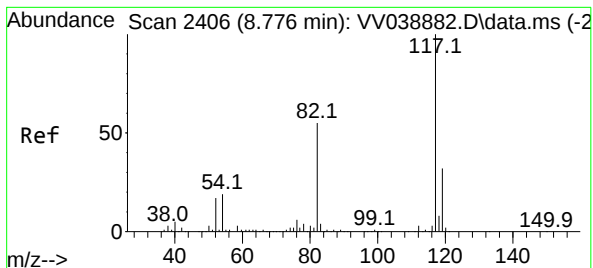
Tgt Ion: 98 Resp: 1103920
Ion Ratio Lower Upper
98 100
100 63.5 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 49.231 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. -0.000 min
Lab File: VV038917.D
Acq: 18 Jul 2025 13:07

Tgt Ion: 95 Resp: 418616
Ion Ratio Lower Upper
95 100
174 76.3 0.0 160.0
176 73.4 0.0 152.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.776 min Scan# 24

Delta R.T. -0.000 min

Lab File: VV038917.D

Acq: 18 Jul 2025 13:07

Instrument :

MSVOA_V

ClientSampleId :

VV0718WBL02

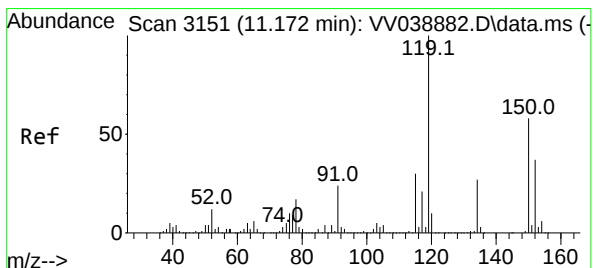
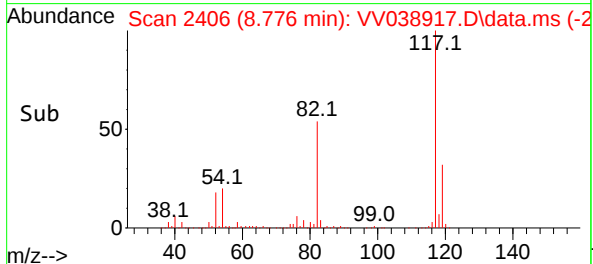
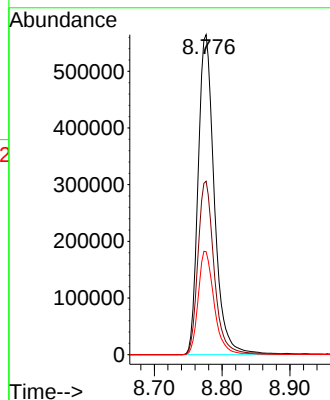
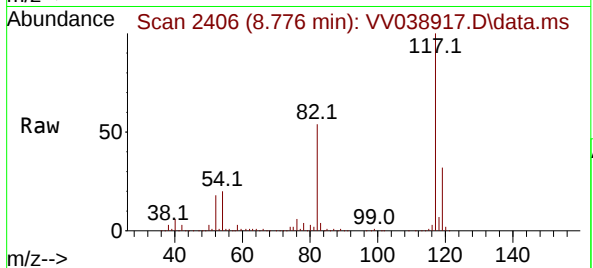
Tgt Ion:117 Resp: 938322

Ion Ratio Lower Upper

117 100

82 54.2 43.7 65.5

119 32.2 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.175 min Scan# 3152

Delta R.T. 0.003 min

Lab File: VV038917.D

Acq: 18 Jul 2025 13:07

Tgt Ion:152 Resp: 422105

Ion Ratio Lower Upper

152 100

115 60.2 41.8 125.4

150 156.1 0.0 342.4

