

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
 Data File : VV039170.D
 Acq On : 25 Sep 2025 11:01
 Operator : SY/MD
 Sample : VV0925WBL01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0925WBL01

Quant Time: Sep 26 01:20:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 08:08:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.597	168	480047	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	864912	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	870930	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	413592	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	417535	60.097	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	120.200%#
35) Dibromofluoromethane	4.500	113	370419	53.273	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	106.540%
50) Toluene-d8	7.236	98	965988	47.302	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	94.600%
62) 4-Bromofluorobenzene	10.001	95	371030	44.133	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	88.260%

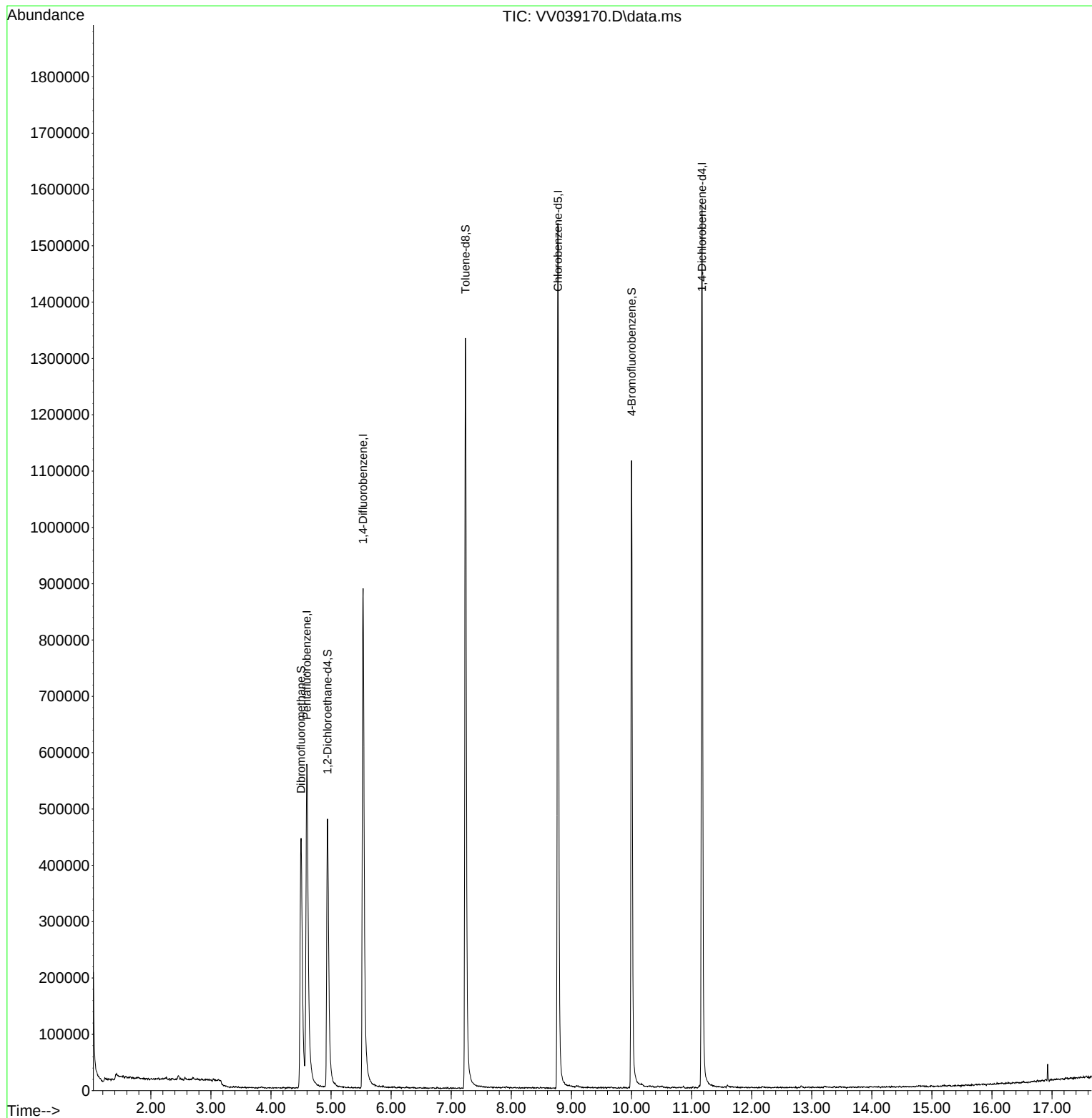
Target Compounds	Qvalue

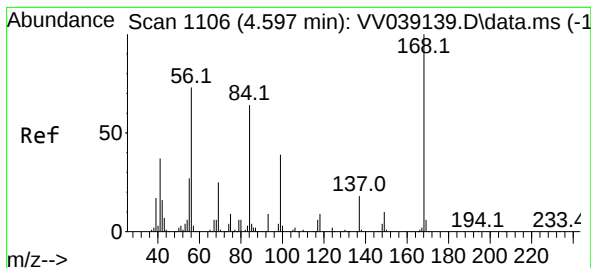
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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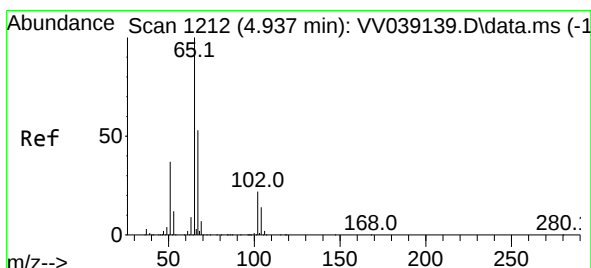
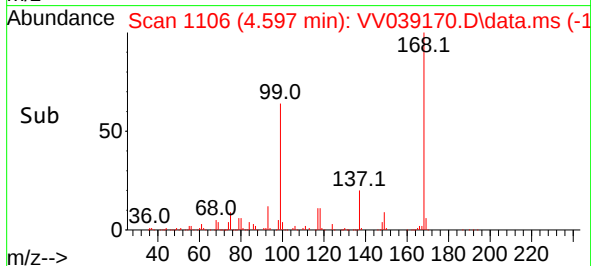
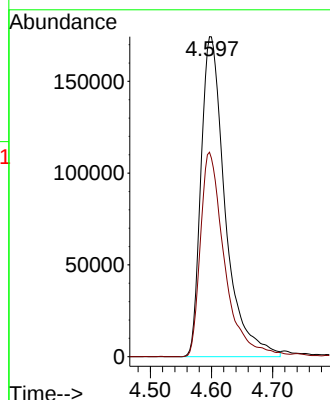
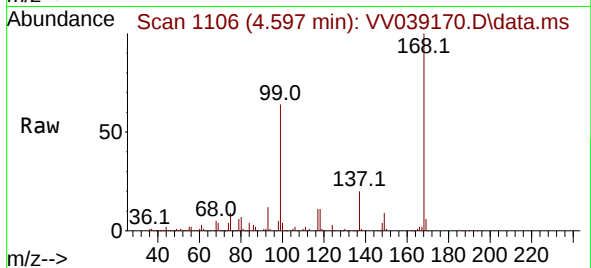




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.597 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VV039170.D
Acq: 25 Sep 2025 11:01

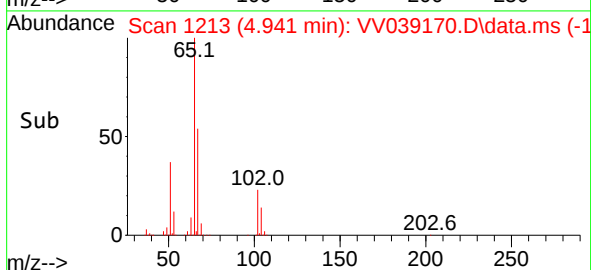
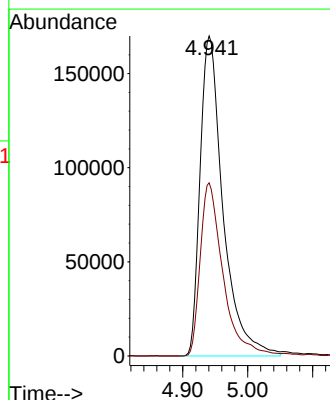
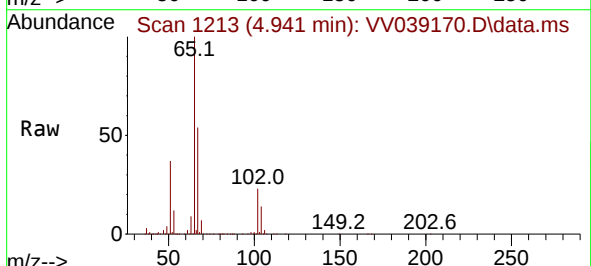
Instrument :
MSVOA_V
ClientSampleId :
VV0925WBL01

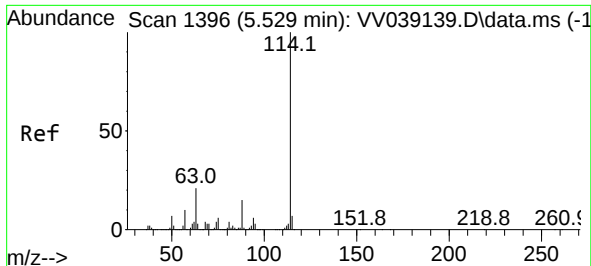
Tgt Ion:168 Resp: 480047
Ion Ratio Lower Upper
168 100
99 63.9 49.6 74.4



#33
1,2-Dichloroethane-d4
Concen: 60.097 ug/l
RT: 4.941 min Scan# 1213
Delta R.T. 0.003 min
Lab File: VV039170.D
Acq: 25 Sep 2025 11:01

Tgt Ion: 65 Resp: 417535
Ion Ratio Lower Upper
65 100
67 54.2 0.0 107.0

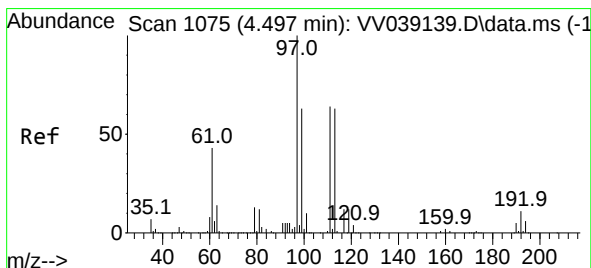
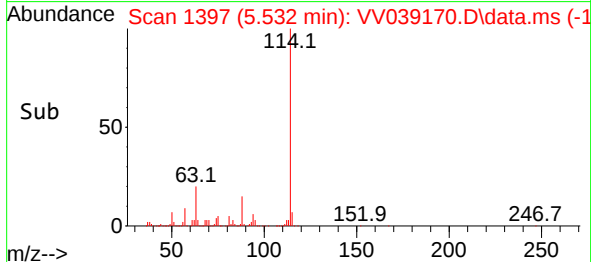
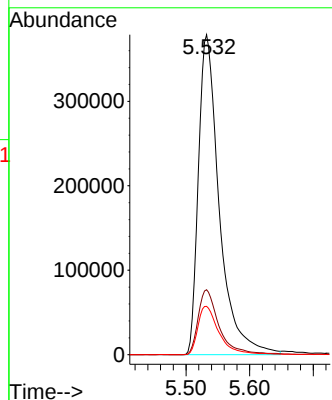
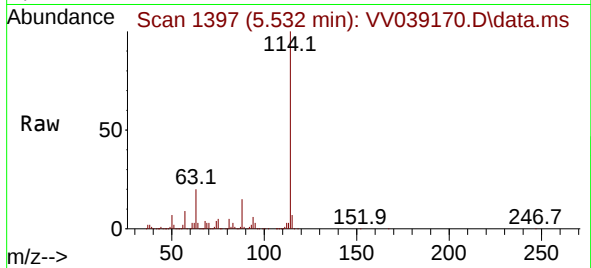




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.532 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV039170.D
Acq: 25 Sep 2025 11:01

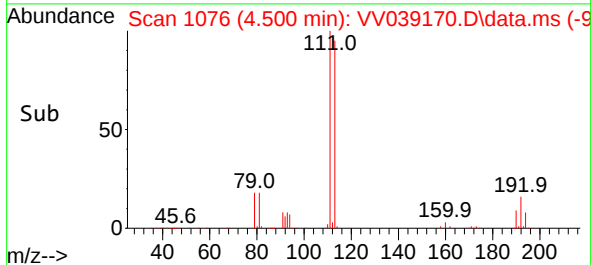
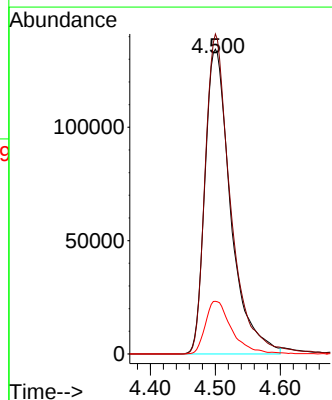
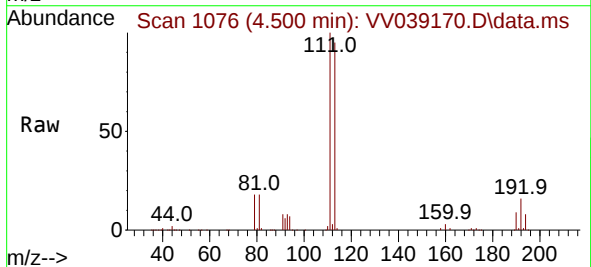
Instrument :
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ClientSampleId :
VV0925WBL01

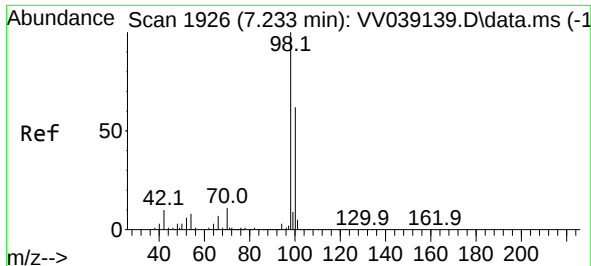
Tgt Ion:114 Resp: 864912
Ion Ratio Lower Upper
114 100
63 20.3 0.0 42.6
88 15.1 0.0 30.8



#35
Dibromofluoromethane
Concen: 53.273 ug/l
RT: 4.500 min Scan# 1076
Delta R.T. 0.003 min
Lab File: VV039170.D
Acq: 25 Sep 2025 11:01

Tgt Ion:113 Resp: 370419
Ion Ratio Lower Upper
113 100
111 104.0 82.4 123.6
192 17.8 13.8 20.8

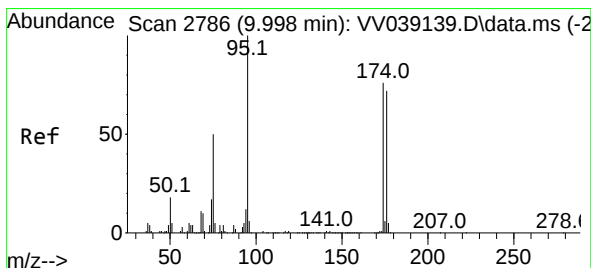
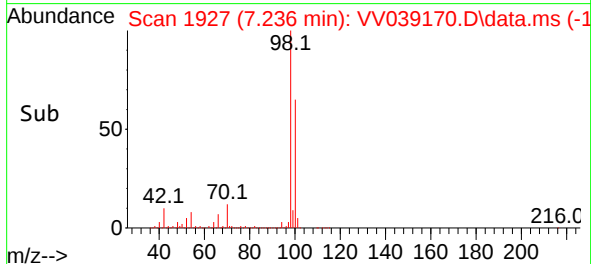
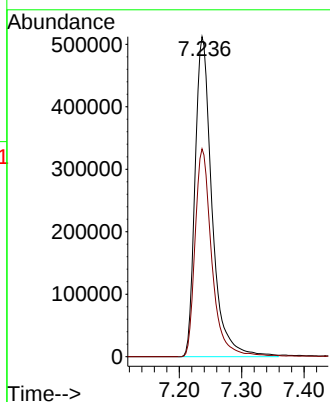
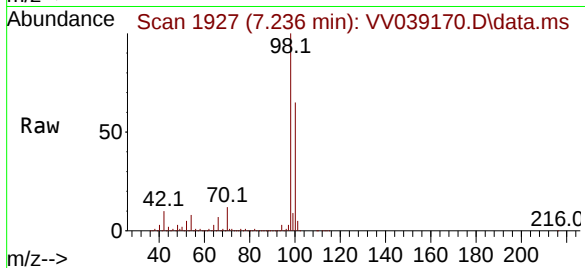




#50
Toluene-d8
Concen: 47.302 ug/l
RT: 7.236 min Scan# 1926
Delta R.T. 0.003 min
Lab File: VV039170.D
Acq: 25 Sep 2025 11:01

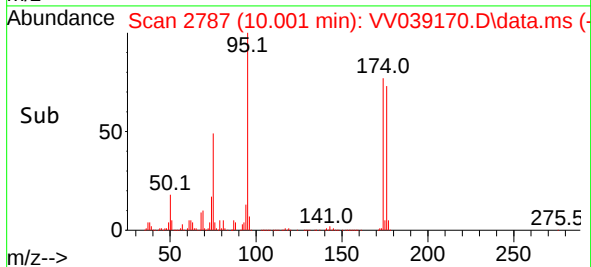
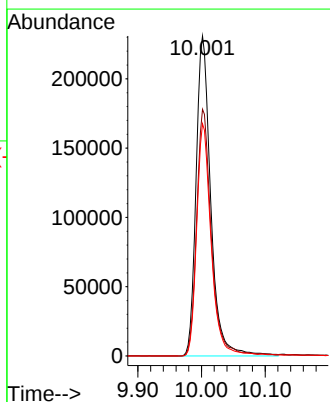
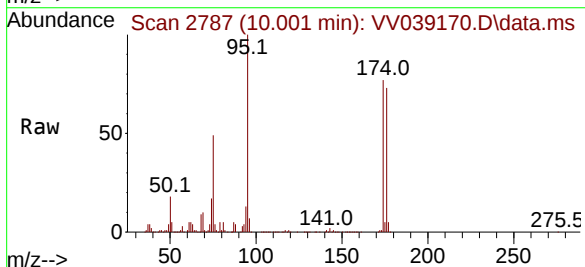
Instrument :
MSVOA_V
ClientSampleId :
VV0925WBL01

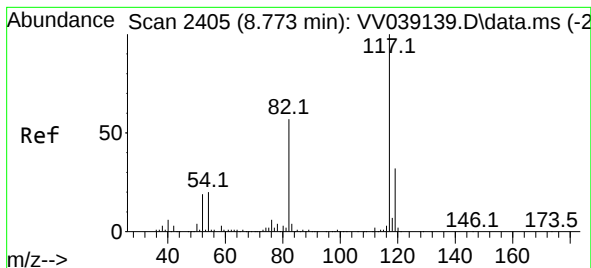
Tgt Ion: 98 Resp: 965988
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 44.133 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039170.D
Acq: 25 Sep 2025 11:01

Tgt Ion: 95 Resp: 371030
Ion Ratio Lower Upper
95 100
174 77.2 0.0 150.4
176 71.4 0.0 144.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.776 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VV039170.D

Acq: 25 Sep 2025 11:01

Instrument :

MSVOA_V

ClientSampleId :

VV0925WBL01

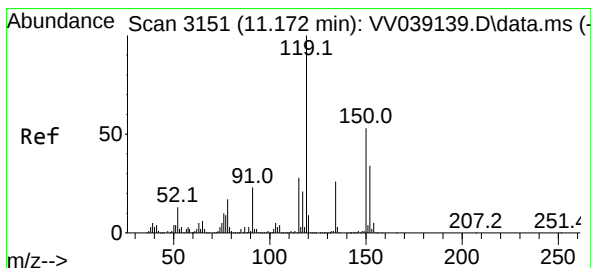
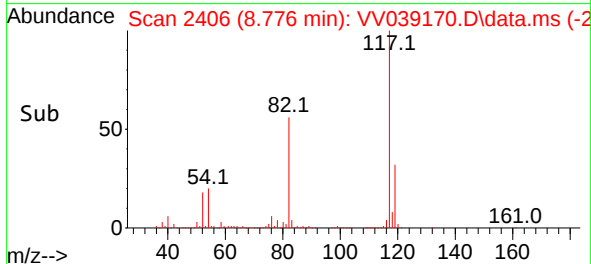
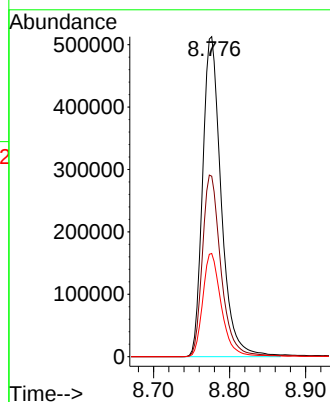
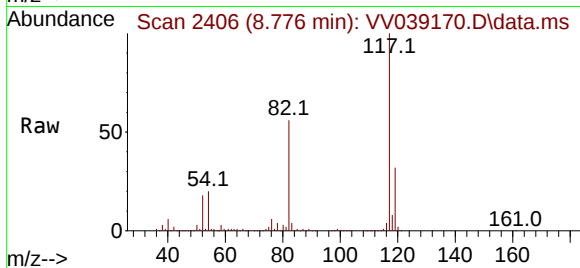
Tgt Ion:117 Resp: 870930

Ion Ratio Lower Upper

117 100

82 56.4 45.4 68.2

119 32.3 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.175 min Scan# 3152

Delta R.T. 0.003 min

Lab File: VV039170.D

Acq: 25 Sep 2025 11:01

Tgt Ion:152 Resp: 413592

Ion Ratio Lower Upper

152 100

115 62.1 44.8 134.4

150 158.0 0.0 353.8

