

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092625\
 Data File : VV039210.D
 Acq On : 26 Sep 2025 14:13
 Operator : SY/MD
 Sample : Q3195-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-19M-092325

Quant Time: Sep 27 02:56:24 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	4.603	168	348105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	639098	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	643573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	305861	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	317196	62.959	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	125.920%#
35) Dibromofluoromethane	4.503	113	295601	57.534	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	115.060%
50) Toluene-d8	7.239	98	700315	46.410	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	92.820%
62) 4-Bromofluorobenzene	10.001	95	266839	42.955	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	85.900%

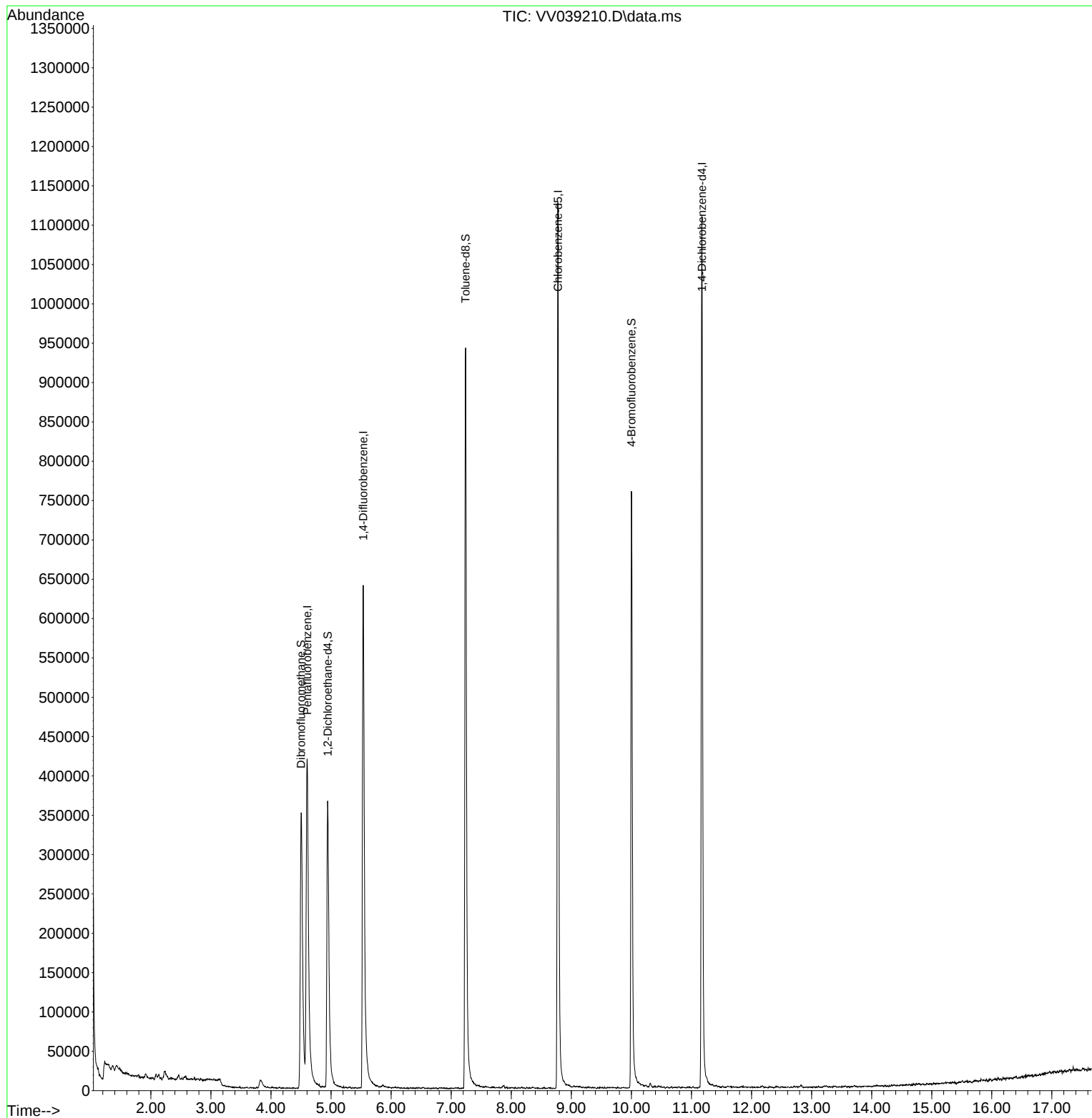
Target Compounds	Qvalue

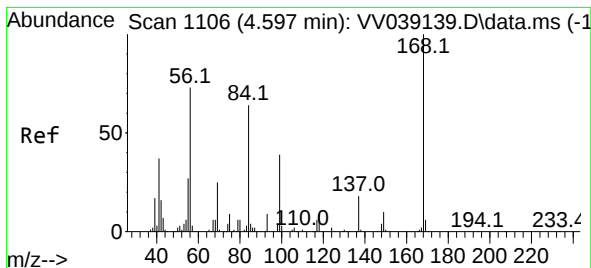
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.603 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VV039210.D

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Instrument :

MSVOA_V

ClientSampleId :

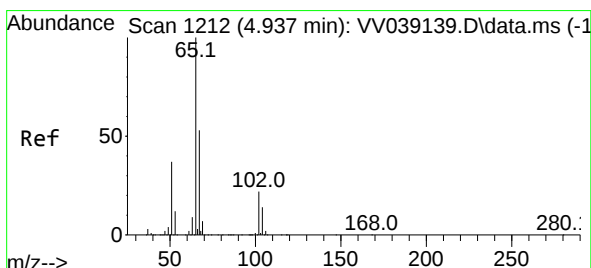
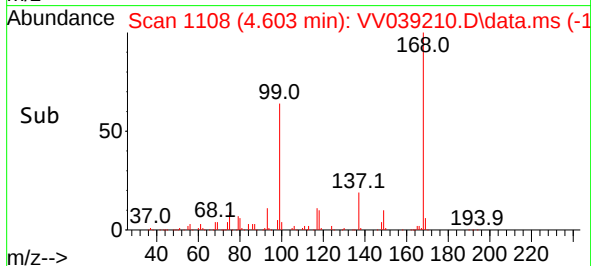
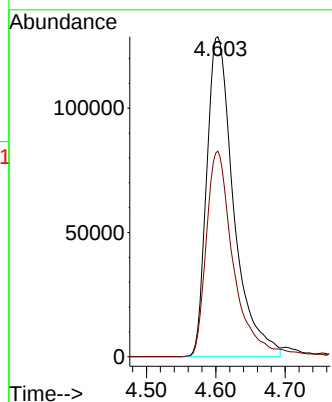
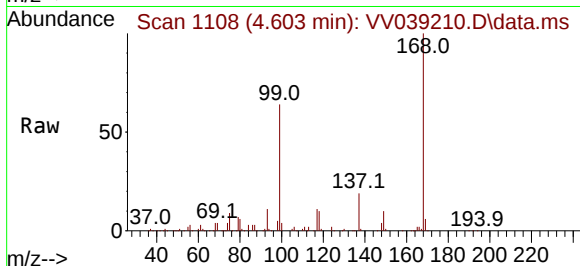
MW-19M-092325

Tgt Ion:168 Resp: 348105

Ion Ratio Lower Upper

168 100

99 64.2 49.6 74.4



#33

1,2-Dichloroethane-d4

Concen: 62.959 ug/l

RT: 4.944 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VV039210.D

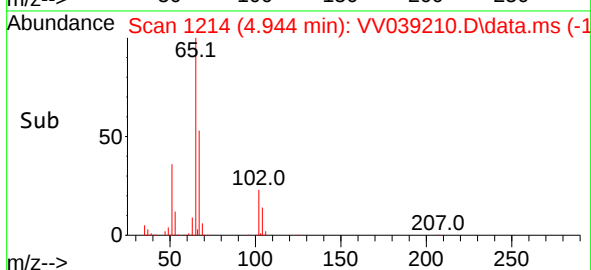
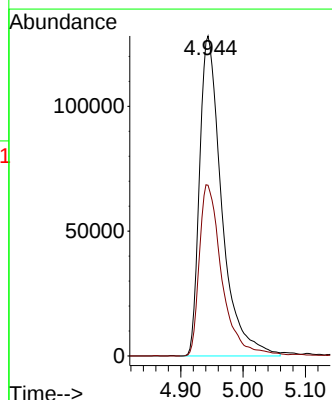
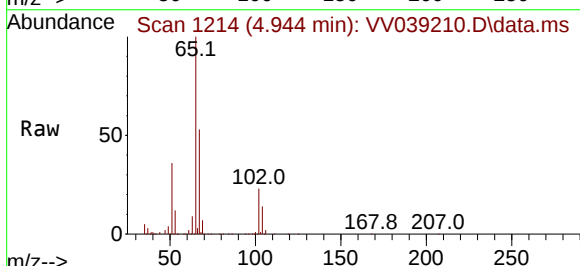
Acq: 26 Sep 2025 14:13

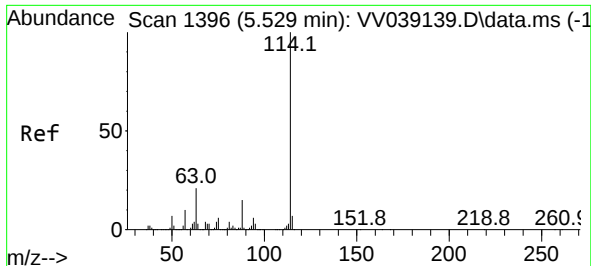
Tgt Ion: 65 Resp: 317196

Ion Ratio Lower Upper

65 100

67 54.4 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.535 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV039210.D

Acq: 26 Sep 2025 14:13

Instrument :

MSVOA_V

ClientSampleId :

MW-19M-092325

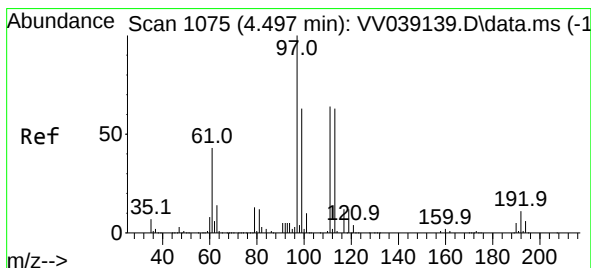
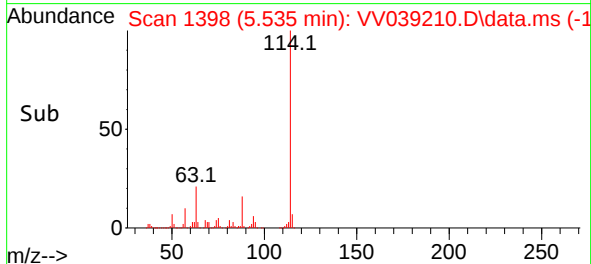
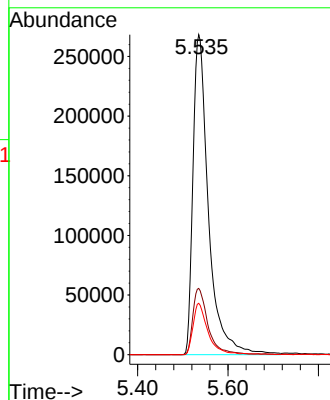
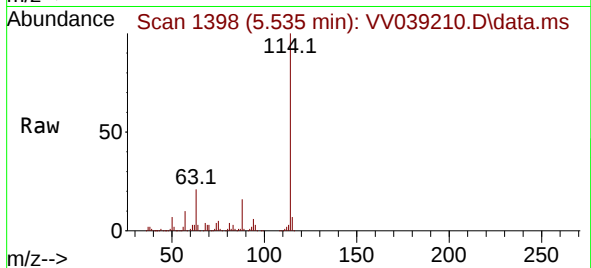
Tgt Ion:114 Resp: 639098

Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.6

88 16.1 0.0 30.8



#35

Dibromofluoromethane

Concen: 57.534 ug/l

RT: 4.503 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VV039210.D

Acq: 26 Sep 2025 14:13

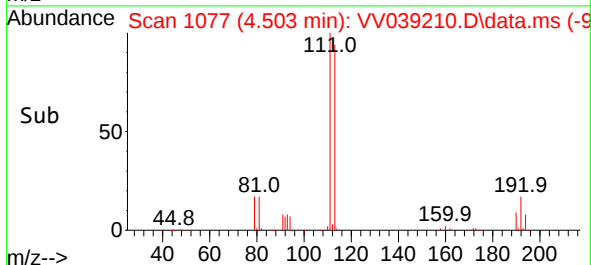
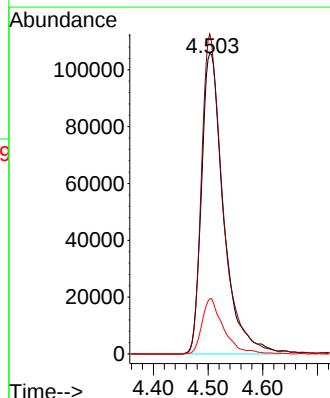
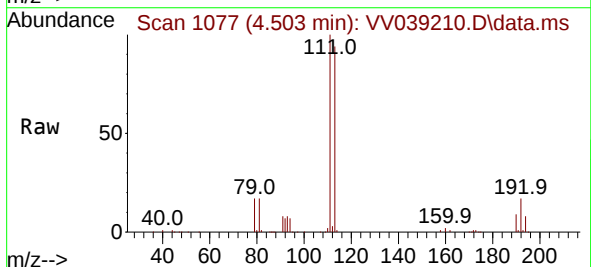
Tgt Ion:113 Resp: 295601

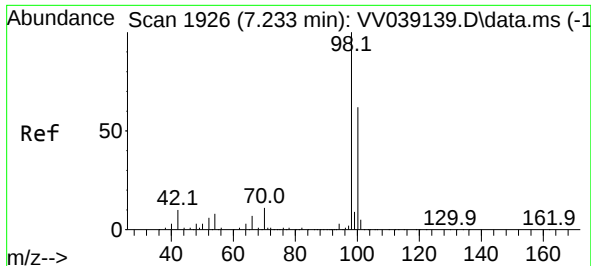
Ion Ratio Lower Upper

113 100

111 103.0 82.4 123.6

192 17.9 13.8 20.8

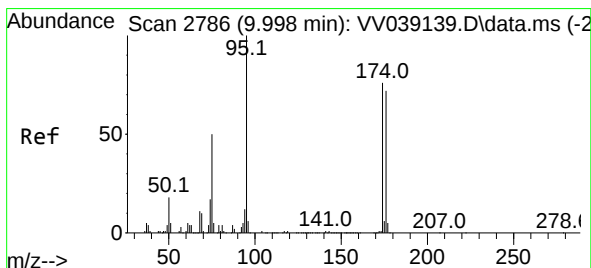
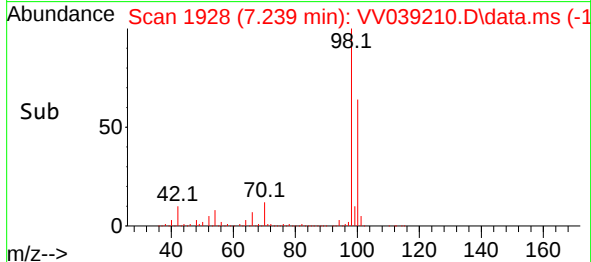
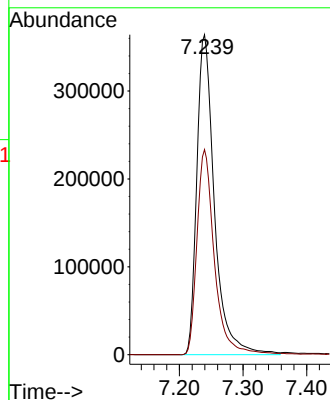
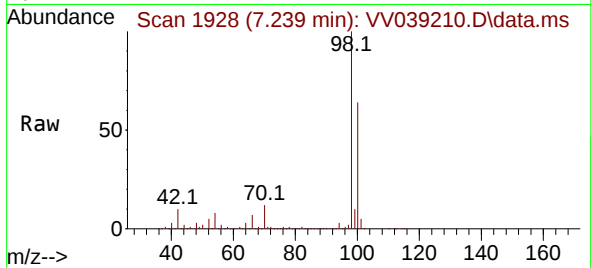




#50
Toluene-d8
Concen: 46.410 ug/l
RT: 7.239 min Scan# 1926
Delta R.T. 0.006 min
Lab File: VV039210.D
Acq: 26 Sep 2025 14:13

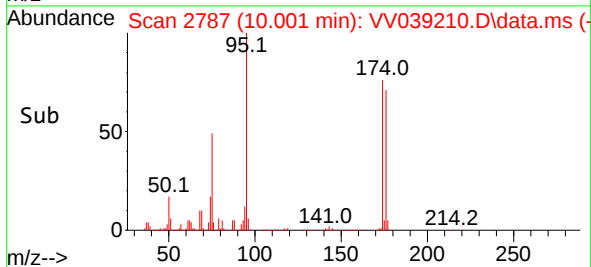
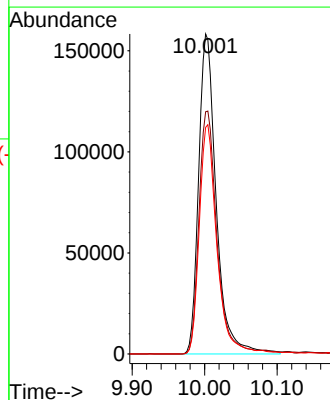
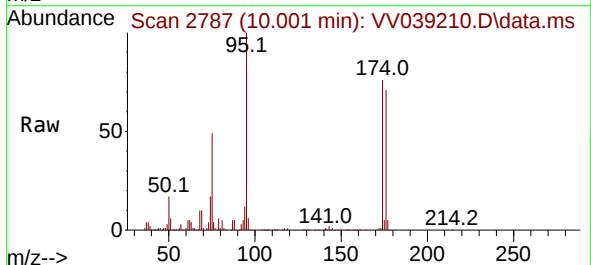
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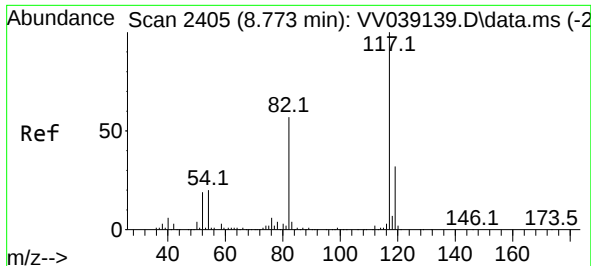
Tgt Ion: 98 Resp: 700315
Ion Ratio Lower Upper
98 100
100 63.5 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 42.955 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039210.D
Acq: 26 Sep 2025 14:13

Tgt Ion: 95 Resp: 266839
Ion Ratio Lower Upper
95 100
174 77.4 0.0 150.4
176 71.0 0.0 144.2

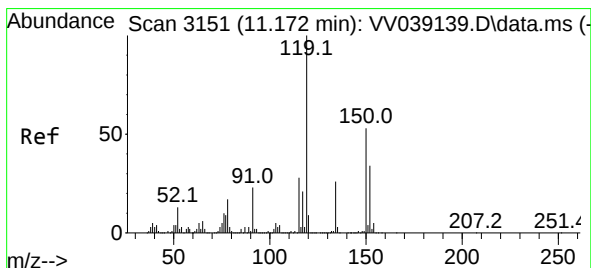
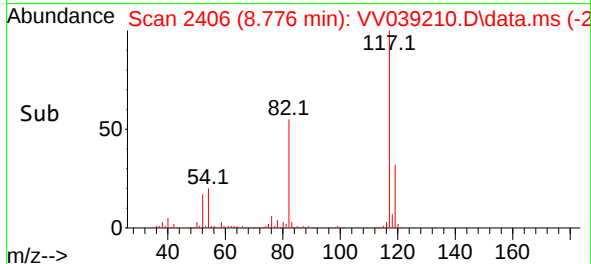
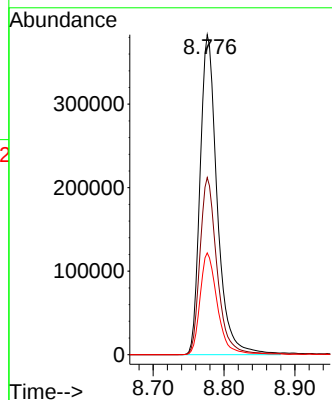
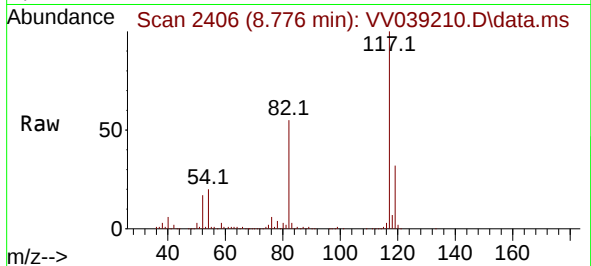




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV039210.D
Acq: 26 Sep 2025 14:13

Instrument :
MSVOA_V
ClientSampleId :
MW-19M-092325

Tgt Ion:117 Resp: 643573
Ion Ratio Lower Upper
117 100
82 55.3 45.4 68.2
119 31.8 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: VV039210.D
Acq: 26 Sep 2025 14:13

Tgt Ion:152 Resp: 305861
Ion Ratio Lower Upper
152 100
115 60.4 44.8 134.4
150 156.5 0.0 353.8

