

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092925\
 Data File : VV039229.D
 Acq On : 29 Sep 2025 14:16
 Operator : SY/MD
 Sample : Q3195-07
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-19M-092325

Quant Time: Sep 30 01:25:55 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	4.600	168	435615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	743567	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	762813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	378816	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	350302	55.563	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	111.120%
35) Dibromofluoromethane	4.503	113	336205	56.243	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	112.480%
50) Toluene-d8	7.239	98	807620	46.001	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	92.000%
62) 4-Bromofluorobenzene	10.001	95	325181	44.992	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	89.980%

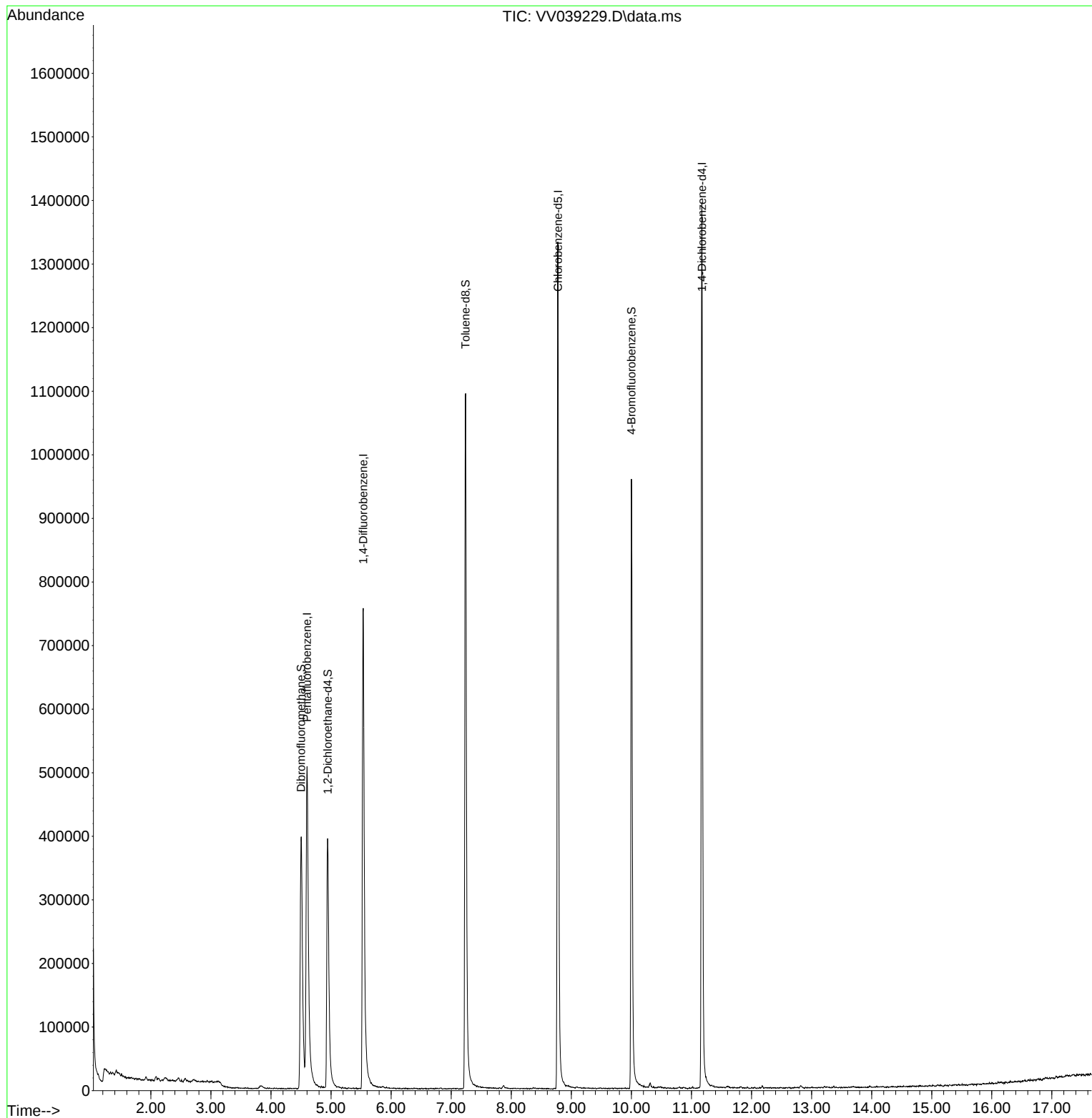
Target Compounds	Qvalue

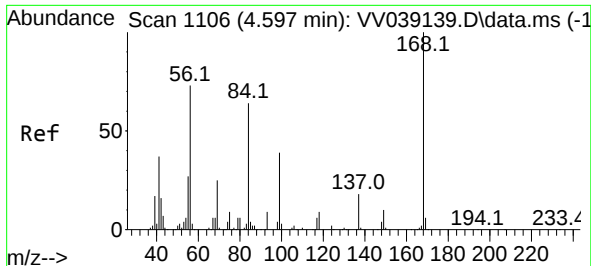
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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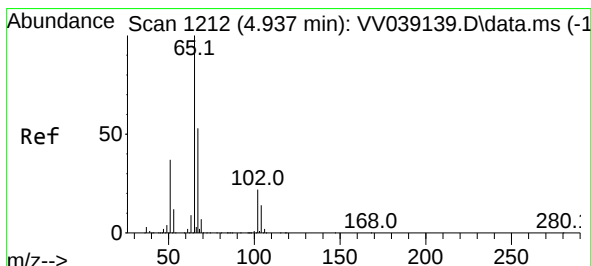
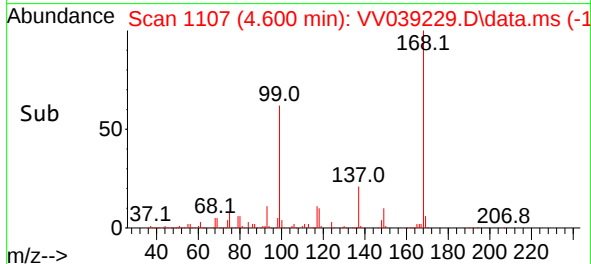
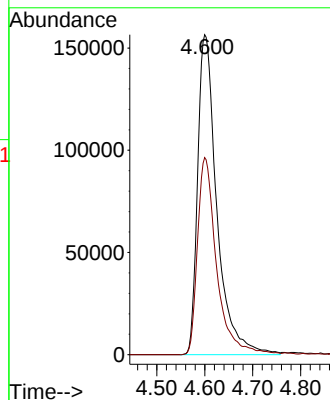
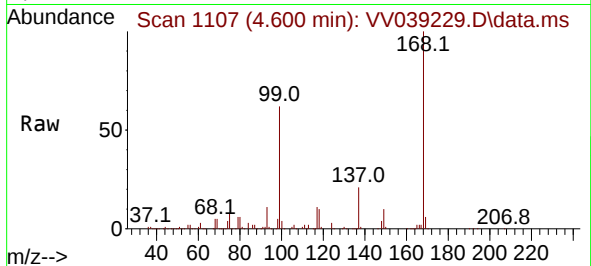




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1106
Delta R.T. 0.003 min
Lab File: VV039229.D
Acq: 29 Sep 2025 14:16

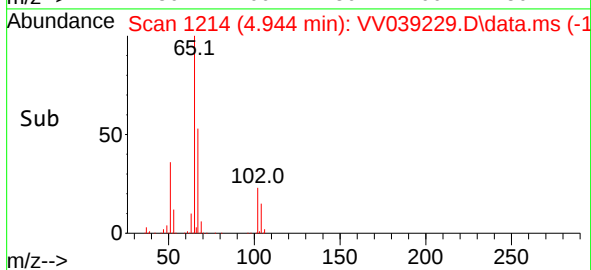
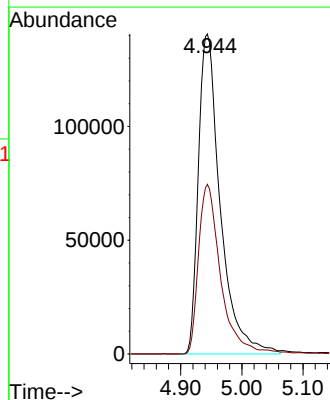
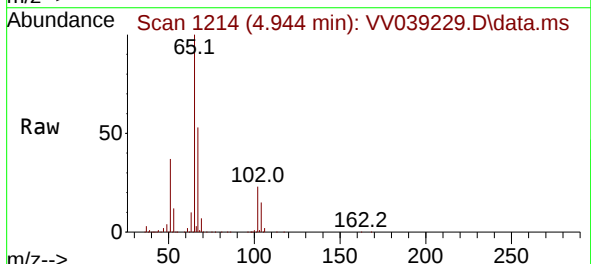
Instrument :
MSVOA_V
ClientSampleId :
MW-19M-092325

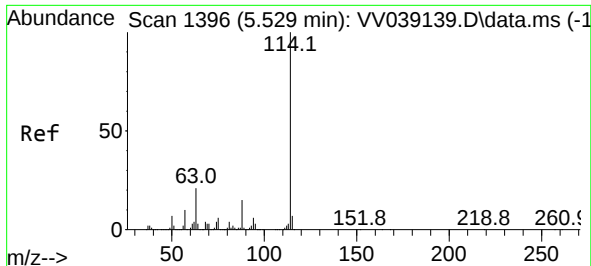
Tgt Ion:168 Resp: 435615
Ion Ratio Lower Upper
168 100
99 61.6 49.6 74.4



#33
1,2-Dichloroethane-d4
Concen: 55.563 ug/l
RT: 4.944 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VV039229.D
Acq: 29 Sep 2025 14:16

Tgt Ion: 65 Resp: 350302
Ion Ratio Lower Upper
65 100
67 53.7 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: VV039229.D

Acq: 29 Sep 2025 14:16

Instrument :

MSVOA_V

ClientSampleId :

MW-19M-092325

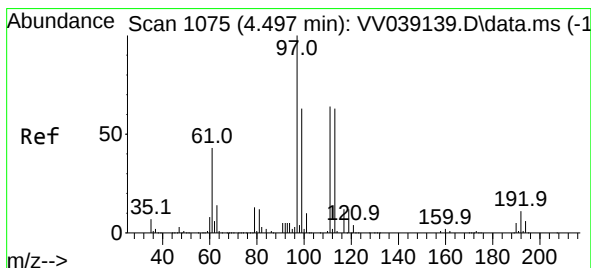
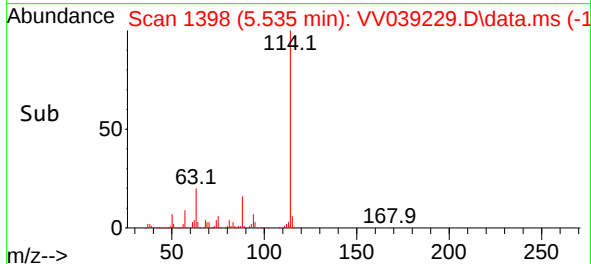
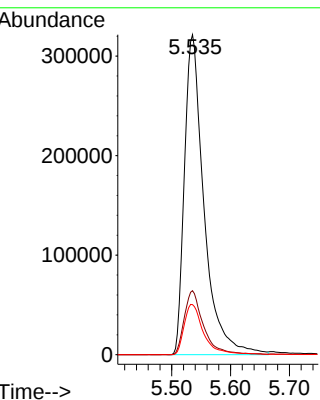
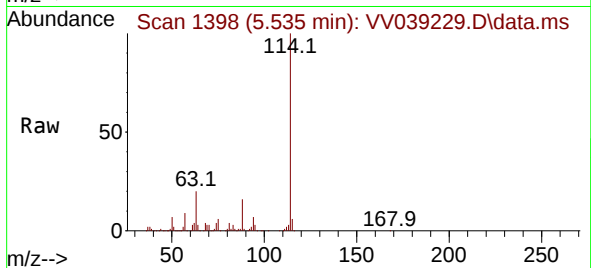
Tgt Ion:114 Resp: 743567

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.6

88 15.7 0.0 30.8



#35

Dibromofluoromethane

Concen: 56.243 ug/l

RT: 4.503 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VV039229.D

Acq: 29 Sep 2025 14:16

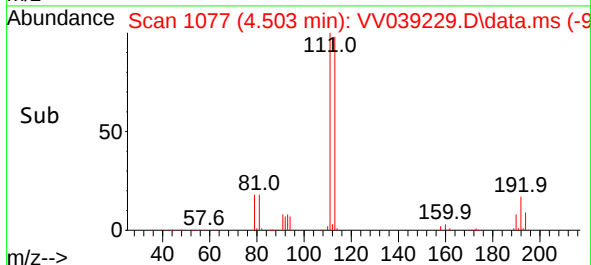
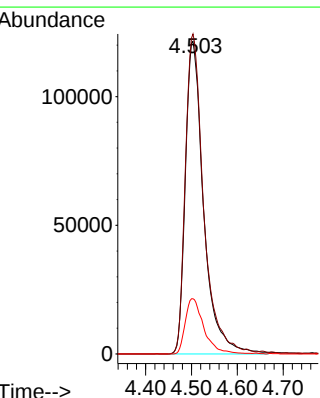
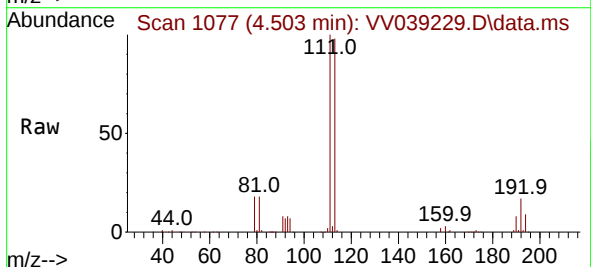
Tgt Ion:113 Resp: 336205

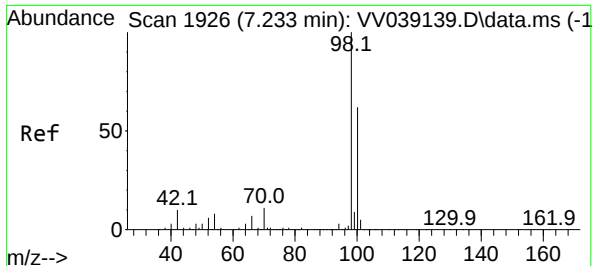
Ion Ratio Lower Upper

113 100

111 101.8 82.4 123.6

192 18.0 13.8 20.8





#50

Toluene-d8

Concen: 46.001 ug/l

RT: 7.239 min Scan# 1926

Delta R.T. 0.006 min

Lab File: VV039229.D

Acq: 29 Sep 2025 14:16

Instrument :

MSVOA_V

ClientSampleId :

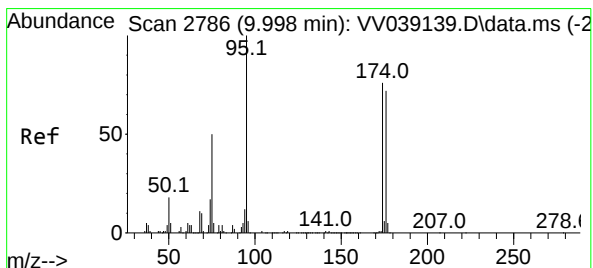
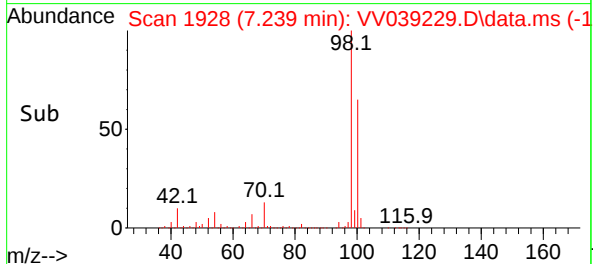
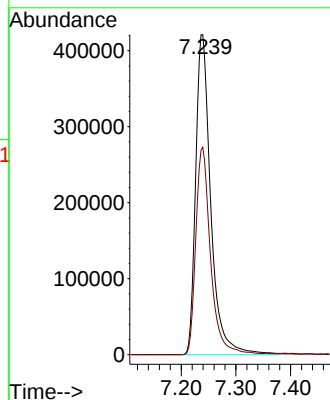
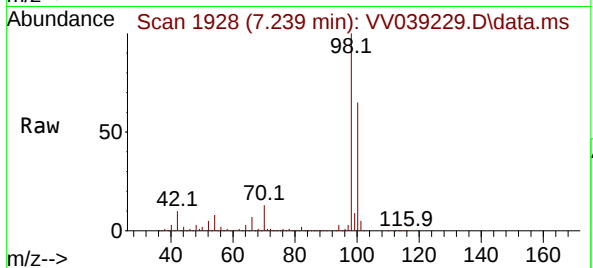
MW-19M-092325

Tgt Ion: 98 Resp: 807620

Ion Ratio Lower Upper

98 100

100 63.3 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 44.992 ug/l

RT: 10.001 min Scan# 2787

Delta R.T. 0.003 min

Lab File: VV039229.D

Acq: 29 Sep 2025 14:16

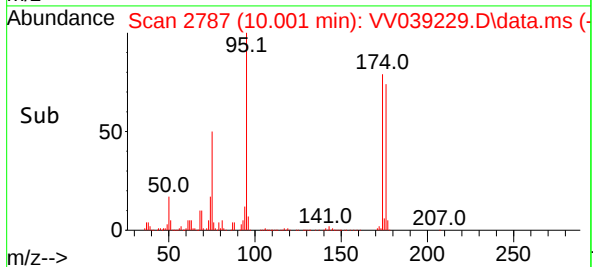
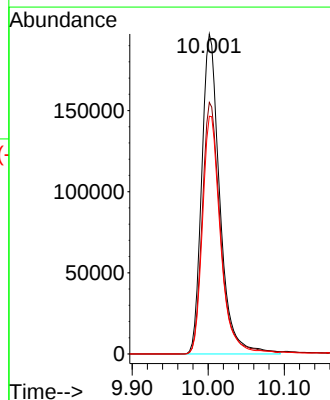
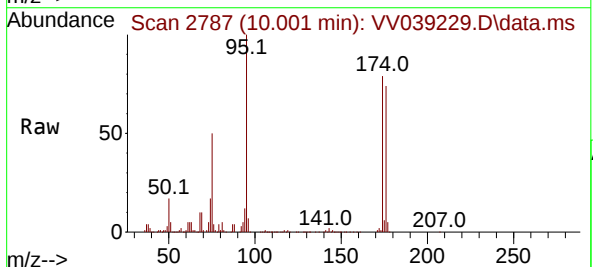
Tgt Ion: 95 Resp: 325181

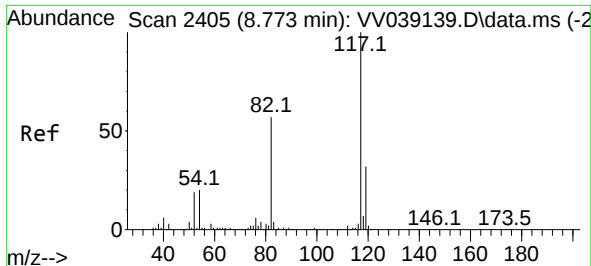
Ion Ratio Lower Upper

95 100

174 80.1 0.0 150.4

176 74.6 0.0 144.2

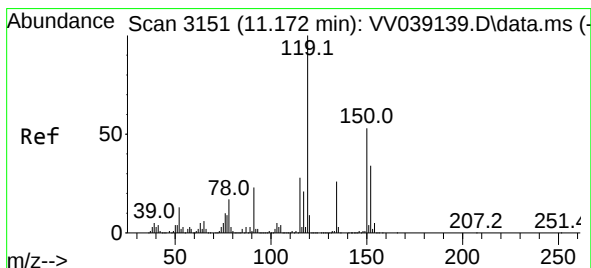
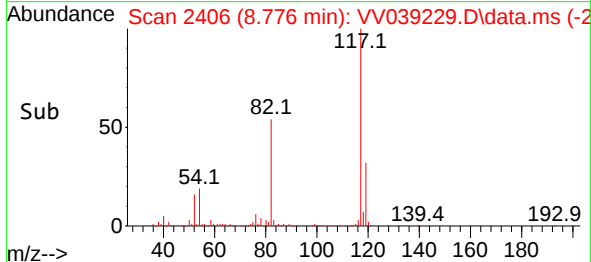
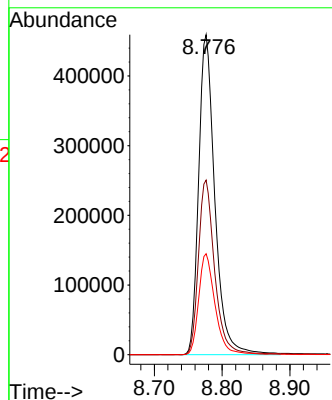
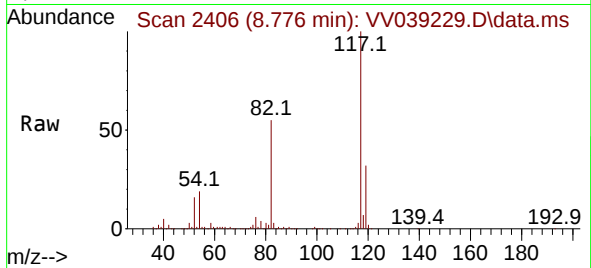




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV039229.D
Acq: 29 Sep 2025 14:16

Instrument :
MSVOA_V
ClientSampleId :
MW-19M-092325

Tgt Ion:117 Resp: 762813
Ion Ratio Lower Upper
117 100
82 54.5 45.4 68.2
119 31.6 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: VV039229.D
Acq: 29 Sep 2025 14:16

Tgt Ion:152 Resp: 378816
Ion Ratio Lower Upper
152 100
115 60.7 44.8 134.4
150 155.9 0.0 353.8

