

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
 Data File : VV039190.D
 Acq On : 25 Sep 2025 18:32
 Operator : SY/MD
 Sample : Q3195-26
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 FB-02-092225

Quant Time: Sep 26 01:36:24 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	557526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1004933	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	984426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	478455	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	436755	54.127	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	108.260%
35) Dibromofluoromethane	4.503	113	403467	49.941	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	99.880%
50) Toluene-d8	7.236	98	1090916	45.977	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	91.960%
62) 4-Bromofluorobenzene	10.001	95	429135	43.933	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	87.860%

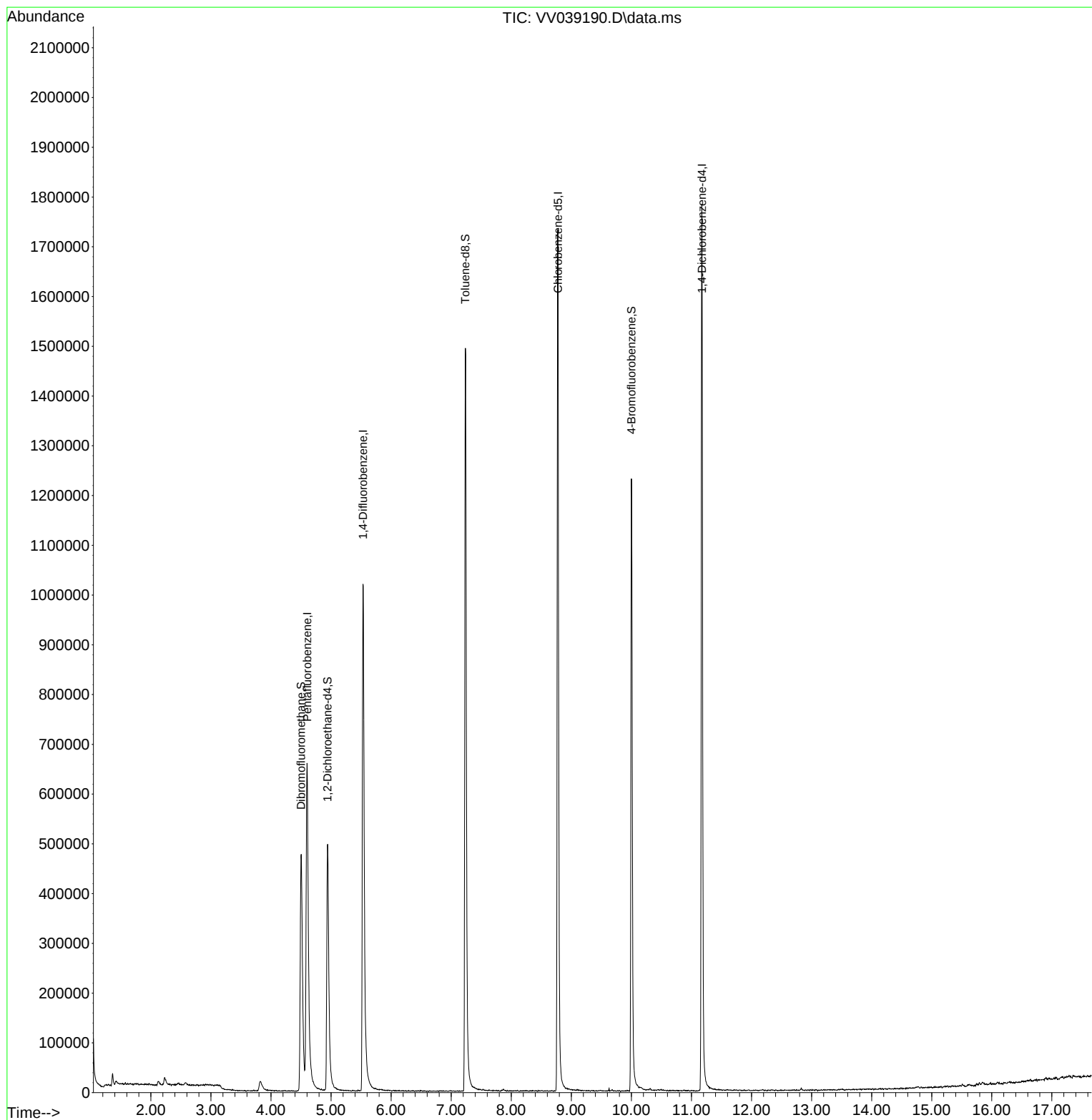
Target Compounds	Qvalue

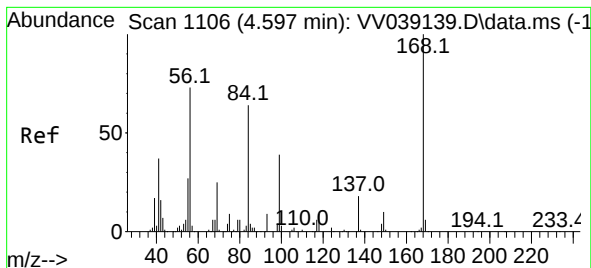
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VV039190.D

Acq: 25 Sep 2025 18:32

Instrument :

MSVOA_V

ClientSampleId :

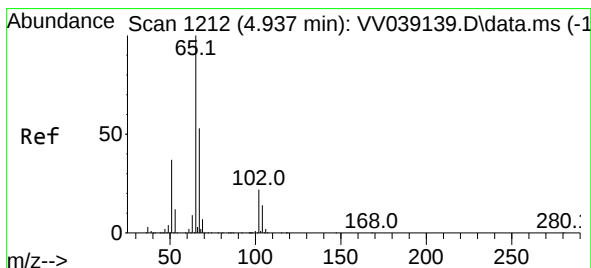
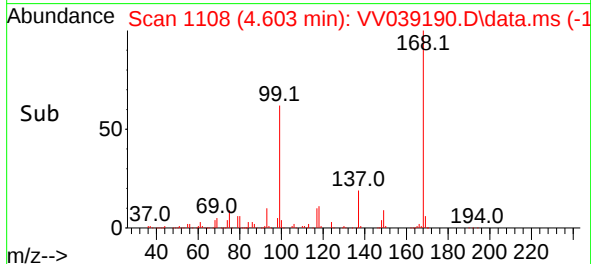
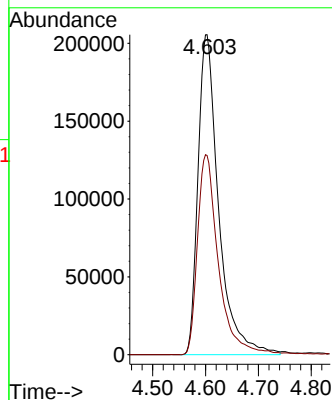
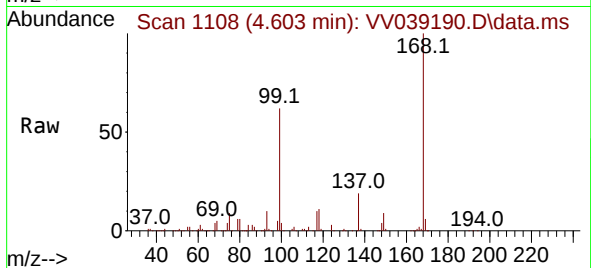
FB-02-092225

Tgt Ion:168 Resp: 557526

Ion Ratio Lower Upper

168 100

99 62.3 49.6 74.4



#33

1,2-Dichloroethane-d4

Concen: 54.127 ug/l

RT: 4.941 min Scan# 1213

Delta R.T. 0.003 min

Lab File: VV039190.D

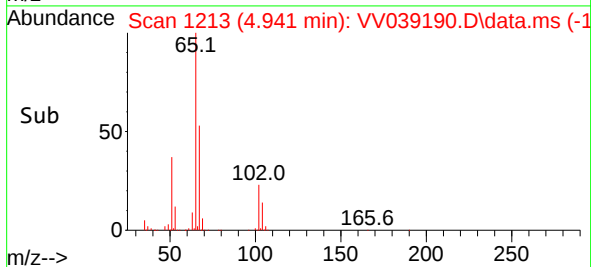
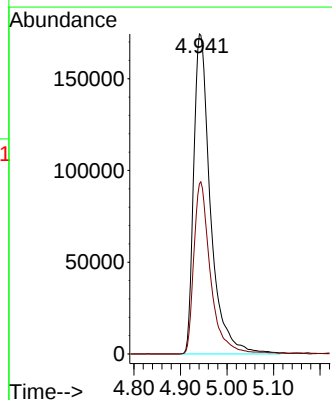
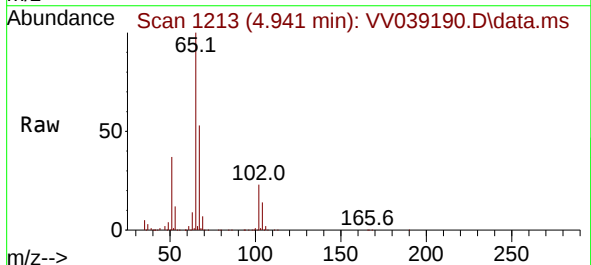
Acq: 25 Sep 2025 18:32

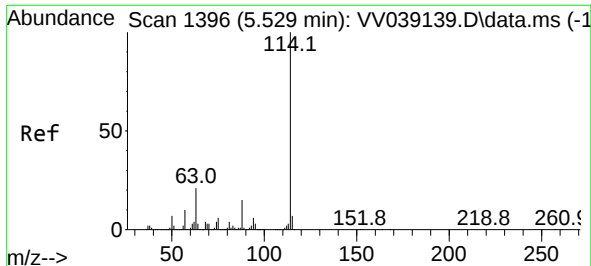
Tgt Ion: 65 Resp: 436755

Ion Ratio Lower Upper

65 100

67 52.9 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 114

Delta R.T. 0.003 min

Lab File: VV039190.D

Acq: 25 Sep 2025 18:32

Instrument :

MSVOA_V

ClientSampleId :

FB-02-092225

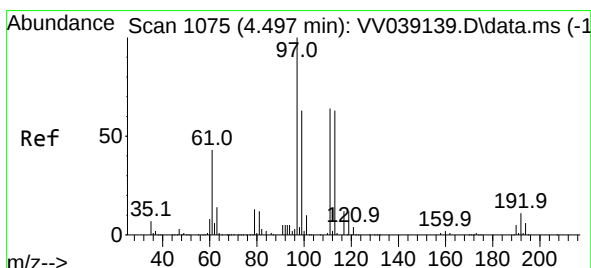
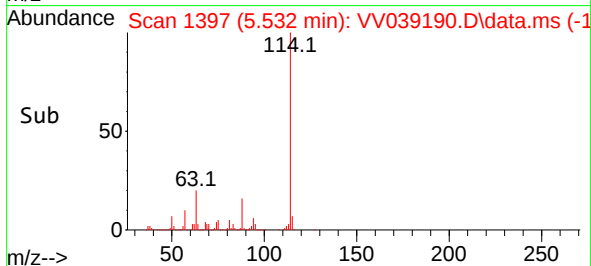
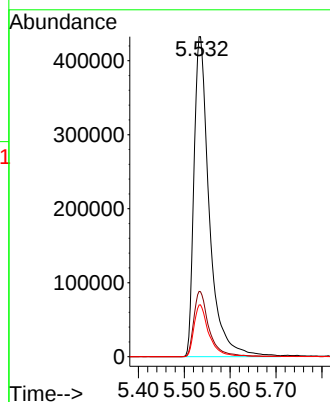
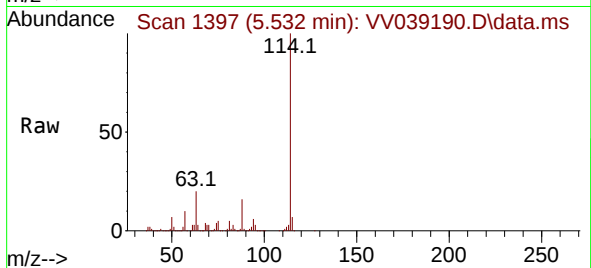
Tgt Ion:114 Resp: 1004933

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.6

88 16.1 0.0 30.8



#35

Dibromofluoromethane

Concen: 49.941 ug/l

RT: 4.503 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VV039190.D

Acq: 25 Sep 2025 18:32

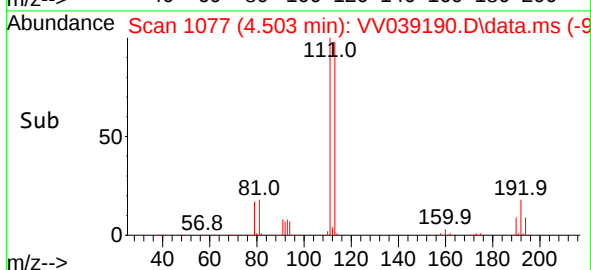
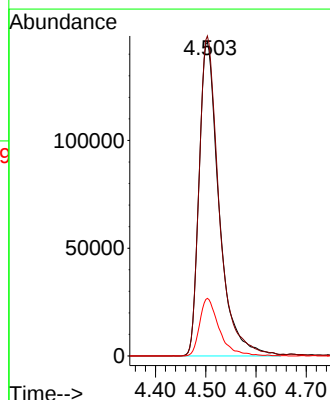
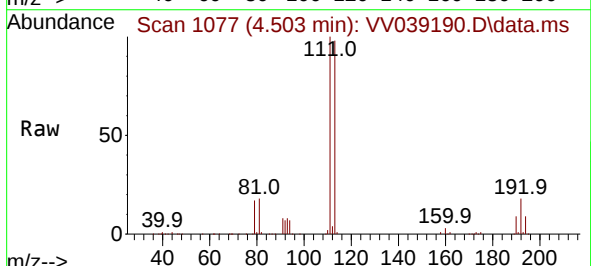
Tgt Ion:113 Resp: 403467

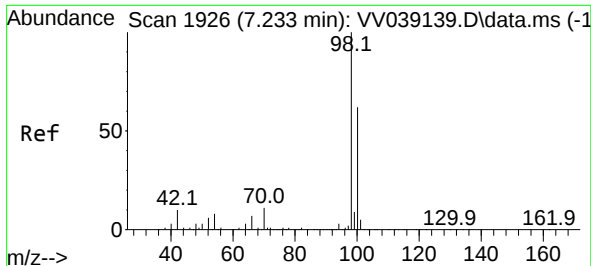
Ion Ratio Lower Upper

113 100

111 101.0 82.4 123.6

192 17.9 13.8 20.8





#50

Toluene-d8

Concen: 45.977 ug/l

RT: 7.236 min Scan# 1926

Delta R.T. 0.003 min

Lab File: VV039190.D

Acq: 25 Sep 2025 18:32

Instrument :

MSVOA_V

ClientSampleId :

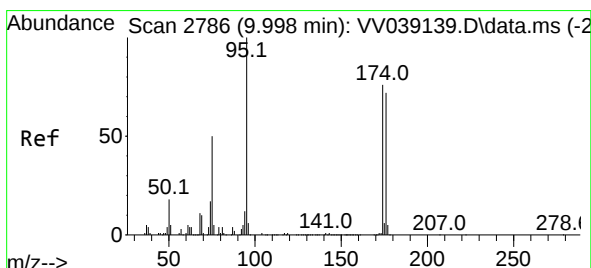
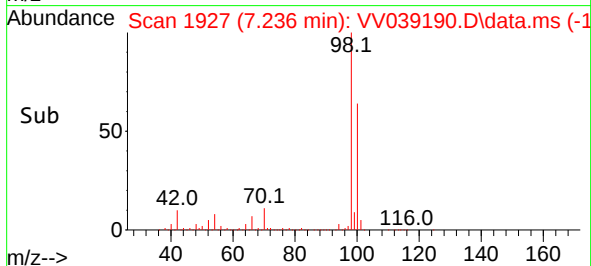
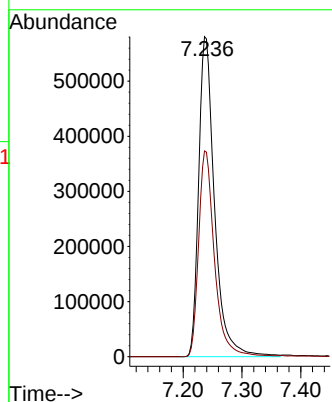
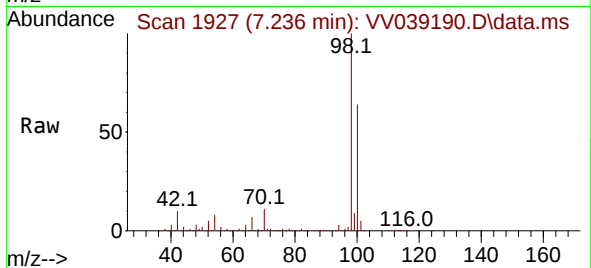
FB-02-092225

Tgt Ion: 98 Resp: 1090916

Ion Ratio Lower Upper

98 100

100 64.2 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 43.933 ug/l

RT: 10.001 min Scan# 2787

Delta R.T. 0.003 min

Lab File: VV039190.D

Acq: 25 Sep 2025 18:32

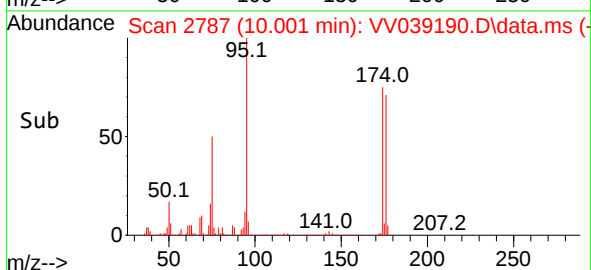
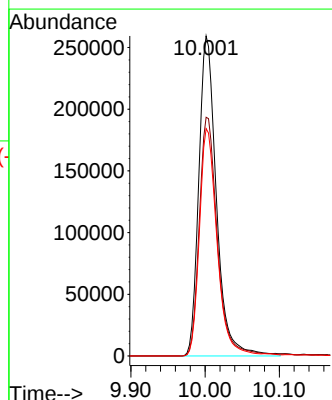
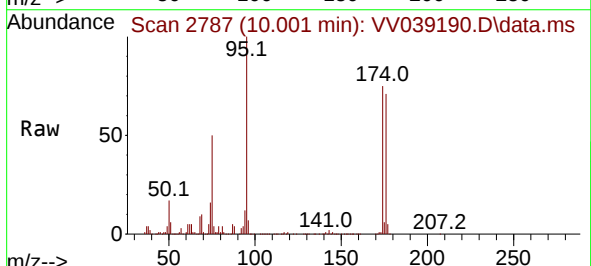
Tgt Ion: 95 Resp: 429135

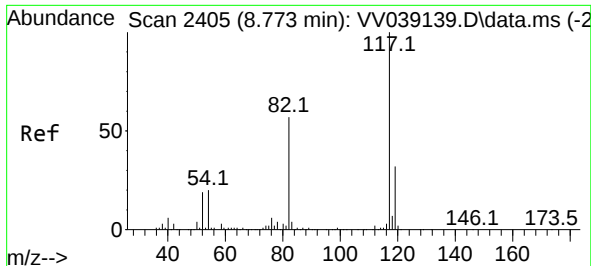
Ion Ratio Lower Upper

95 100

174 76.8 0.0 150.4

176 71.4 0.0 144.2

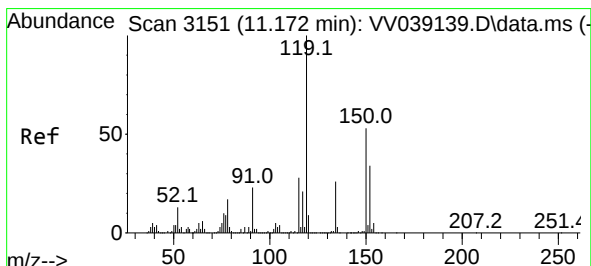
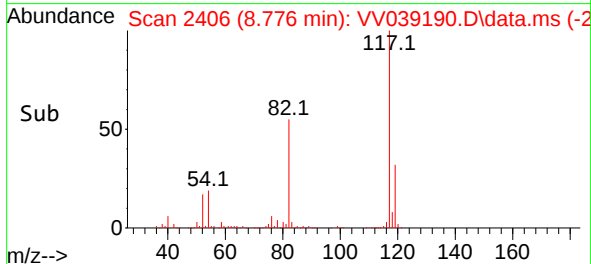
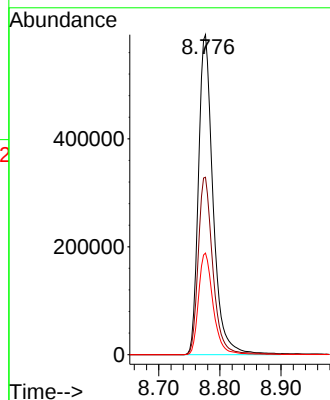
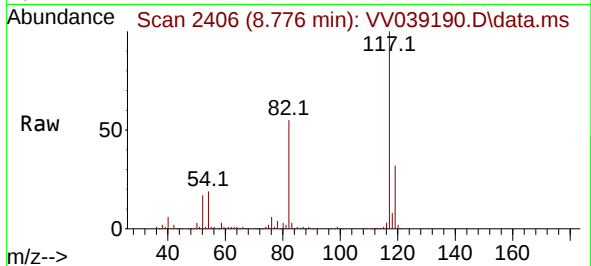




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV039190.D
Acq: 25 Sep 2025 18:32

Instrument :
MSVOA_V
ClientSampleId :
FB-02-092225

Tgt Ion:117 Resp: 984426
Ion Ratio Lower Upper
117 100
82 55.4 45.4 68.2
119 31.7 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: VV039190.D
Acq: 25 Sep 2025 18:32

Tgt Ion:152 Resp: 478455
Ion Ratio Lower Upper
152 100
115 61.5 44.8 134.4
150 154.9 0.0 353.8

