

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
 Data File : VV039151.D
 Acq On : 24 Sep 2025 14:46
 Operator : SY/MD
 Sample : Q3173-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 Field Blank

Quant Time: Sep 25 04:46:42 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	552493	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1029152	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	962323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	434712	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	462839	57.882	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	115.760%
35) Dibromofluoromethane	4.500	113	418508	50.584	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	101.160%
50) Toluene-d8	7.236	98	1060720	43.652	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	87.300%#
62) 4-Bromofluorobenzene	10.001	95	446507	44.635	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	89.280%

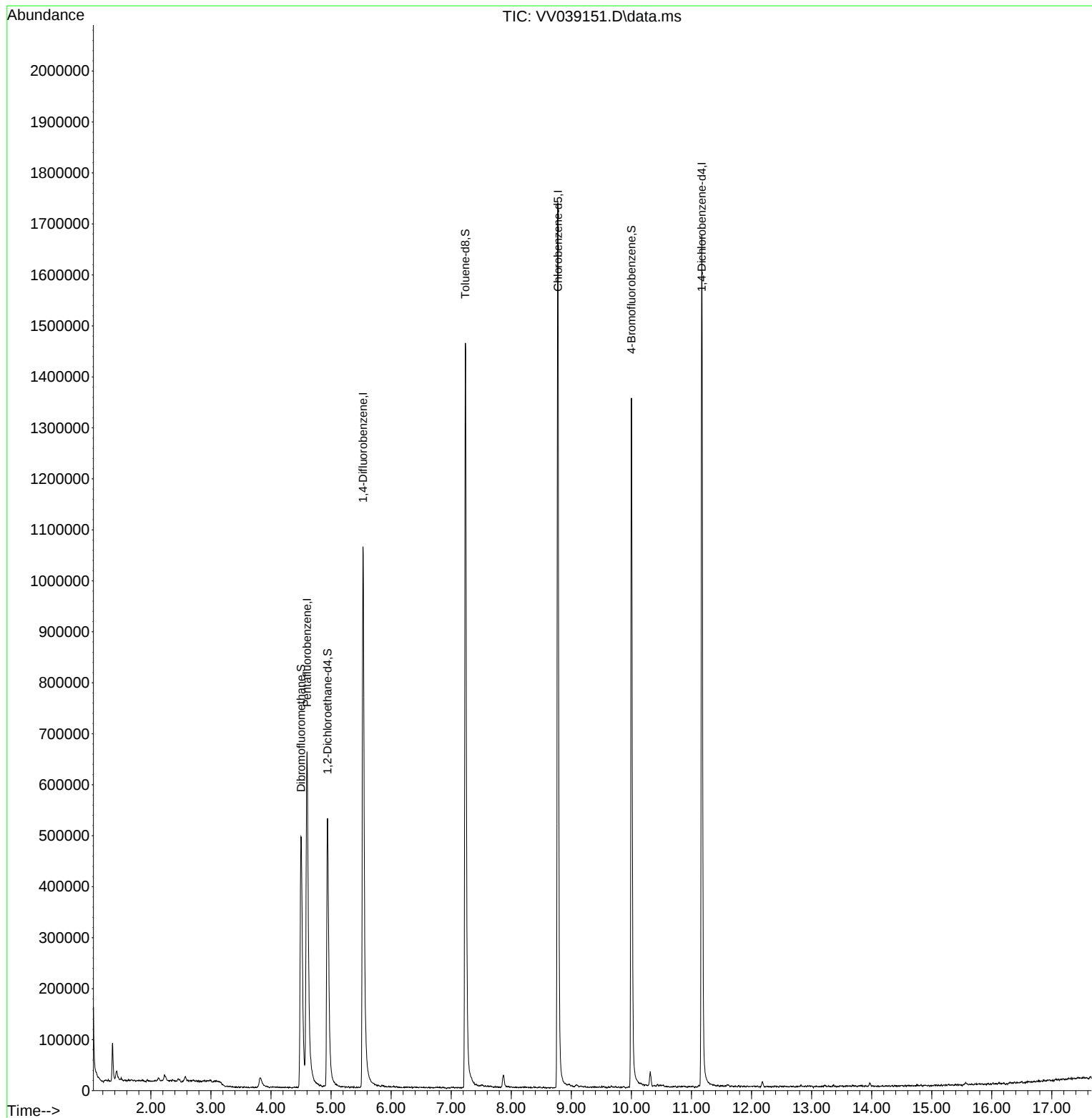
Target Compounds	Qvalue

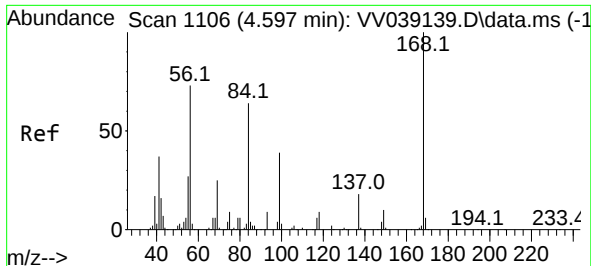
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
Data File : VV039151.D
Acq On : 24 Sep 2025 14:46
Operator : SY/MD
Sample : Q3173-02
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
Field Blank

Quant Time: Sep 25 04:46:42 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

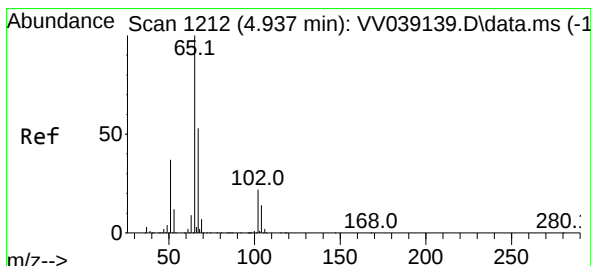
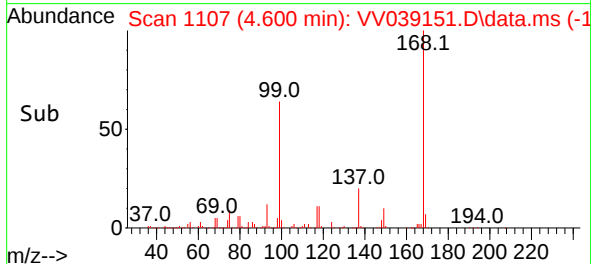
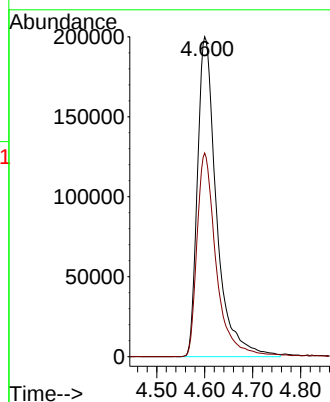
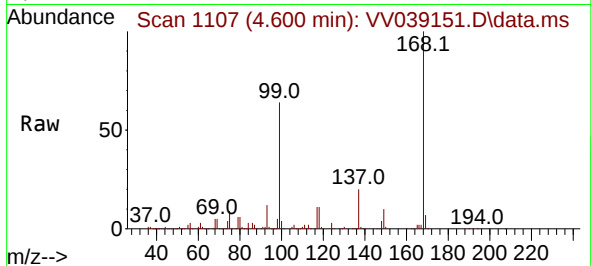




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1106
Delta R.T. 0.003 min
Lab File: VV039151.D
Acq: 24 Sep 2025 14:46

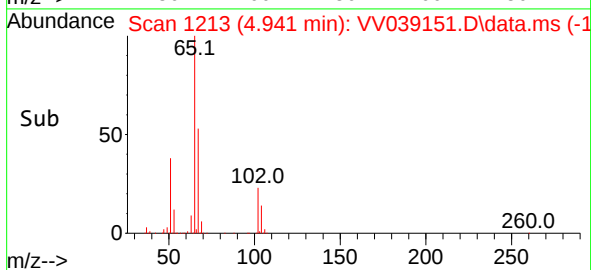
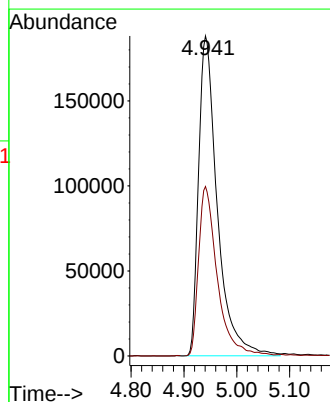
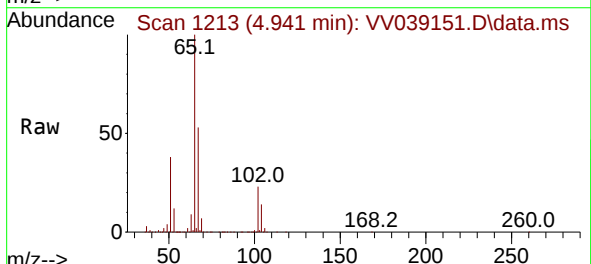
Instrument :
MSVOA_V
ClientSampleId :
Field Blank

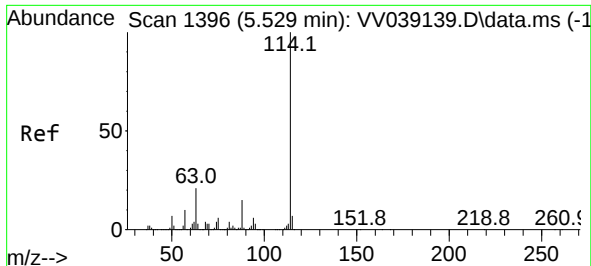
Tgt Ion:168 Resp: 552493
Ion Ratio Lower Upper
168 100
99 63.6 49.6 74.4



#33
1,2-Dichloroethane-d4
Concen: 57.882 ug/l
RT: 4.941 min Scan# 1213
Delta R.T. 0.003 min
Lab File: VV039151.D
Acq: 24 Sep 2025 14:46

Tgt Ion: 65 Resp: 462839
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: VV039151.D

Acq: 24 Sep 2025 14:46

Instrument :

MSVOA_V

ClientSampleId :

Field Blank

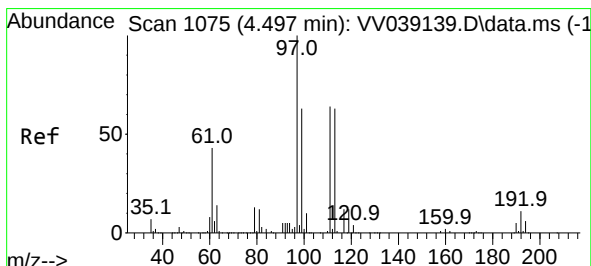
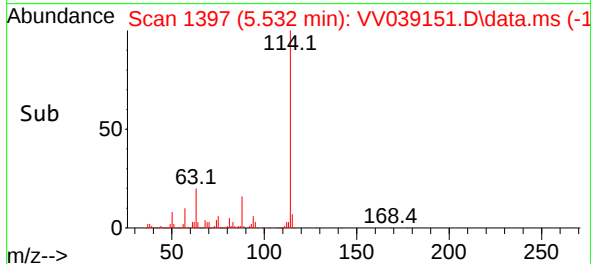
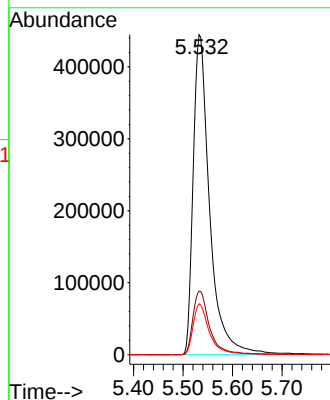
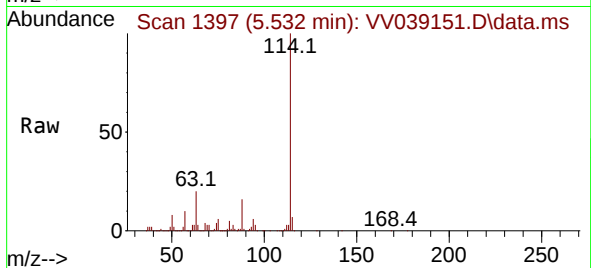
Tgt Ion:114 Resp: 1029152

Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.6

88 15.9 0.0 30.8



#35

Dibromofluoromethane

Concen: 50.584 ug/l

RT: 4.500 min Scan# 1076

Delta R.T. 0.003 min

Lab File: VV039151.D

Acq: 24 Sep 2025 14:46

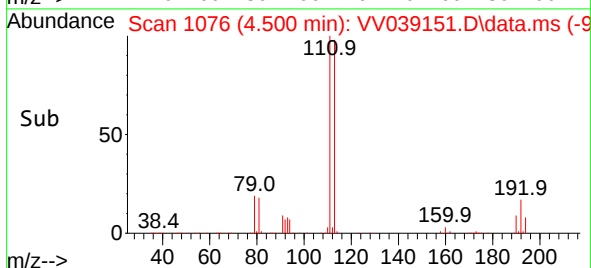
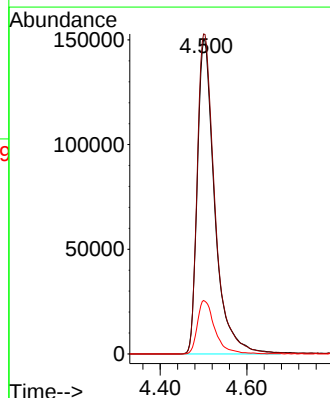
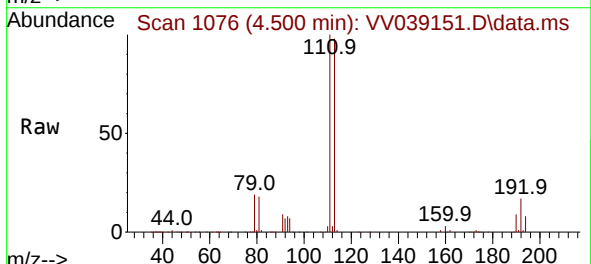
Tgt Ion:113 Resp: 418508

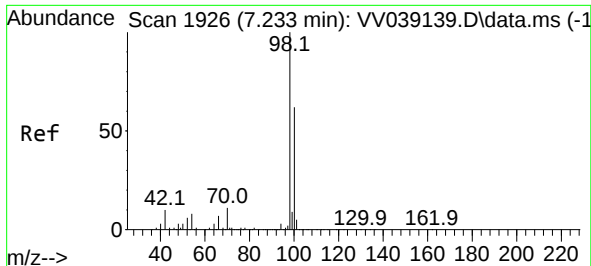
Ion Ratio Lower Upper

113 100

111 102.4 82.4 123.6

192 17.0 13.8 20.8





#50

Toluene-d8

Concen: 43.652 ug/l

RT: 7.236 min Scan# 1926

Delta R.T. 0.003 min

Lab File: VV039151.D

Acq: 24 Sep 2025 14:46

Instrument :

MSVOA_V

ClientSampleId :

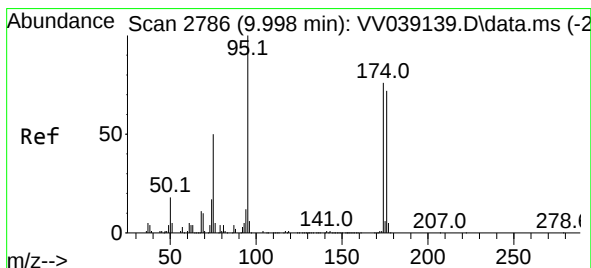
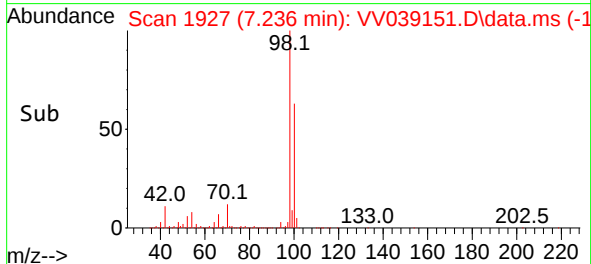
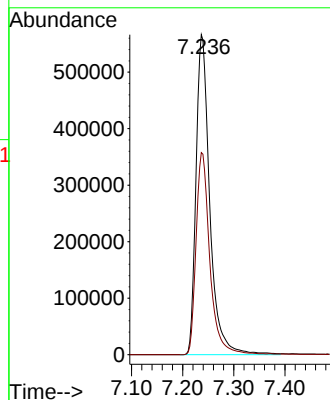
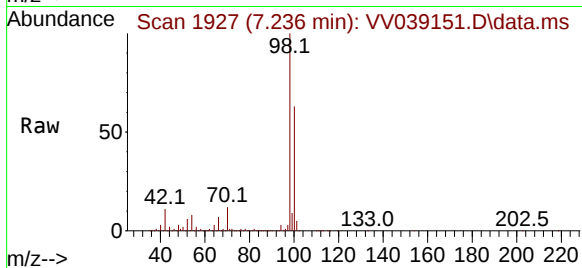
Field Blank

Tgt Ion: 98 Resp: 1060720

Ion Ratio Lower Upper

98 100

100 63.4 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 44.635 ug/l

RT: 10.001 min Scan# 2787

Delta R.T. 0.003 min

Lab File: VV039151.D

Acq: 24 Sep 2025 14:46

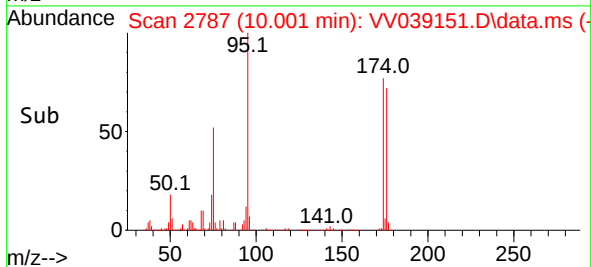
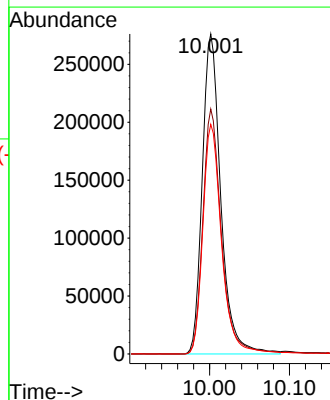
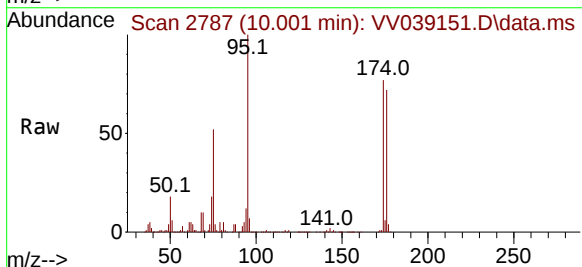
Tgt Ion: 95 Resp: 446507

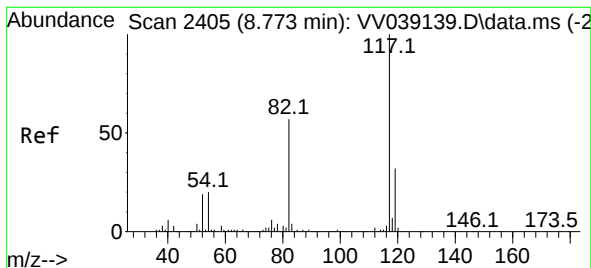
Ion Ratio Lower Upper

95 100

174 76.7 0.0 150.4

176 72.8 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: VV039151.D

Acq: 24 Sep 2025 14:46

Instrument :

MSVOA_V

ClientSampleId :

Field Blank

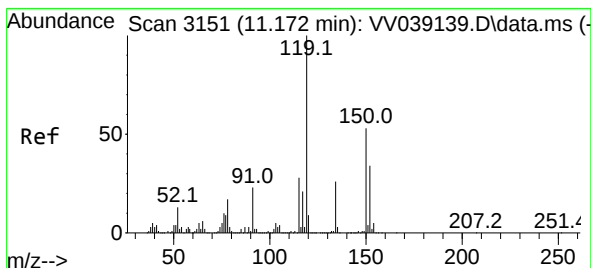
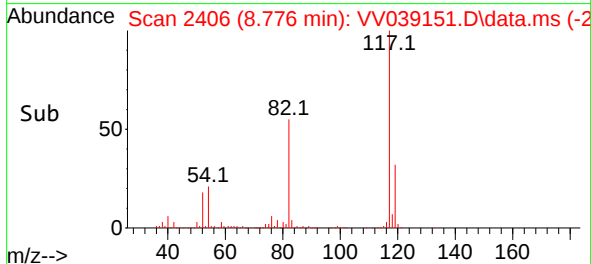
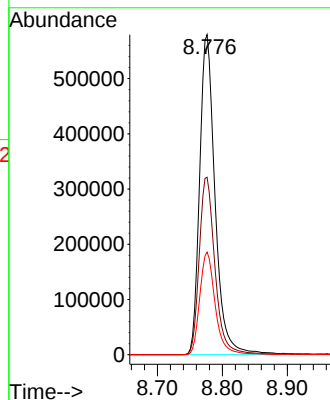
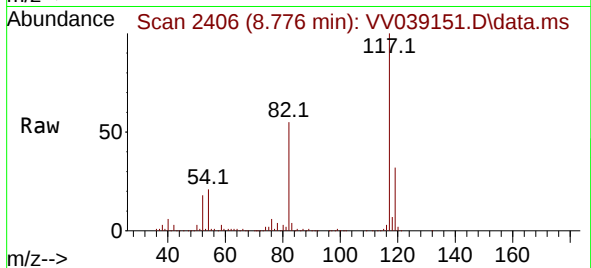
Tgt Ion:117 Resp: 962323

Ion Ratio Lower Upper

117 100

82 55.5 45.4 68.2

119 32.0 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. -0.000 min

Lab File: VV039151.D

Acq: 24 Sep 2025 14:46

Tgt Ion:152 Resp: 434712

Ion Ratio Lower Upper

152 100

115 60.7 44.8 134.4

150 158.3 0.0 353.8

