

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092225\
 Data File : VV039141.D
 Acq On : 22 Sep 2025 14:21
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK

Quant Time: Sep 24 08:09:28 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	370531	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	869931	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	813119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	327654	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	412124	76.850	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	153.700%#
35) Dibromofluoromethane	4.500	113	360097	51.490	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	102.980%
50) Toluene-d8	7.236	98	1129940	55.011	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	110.020%
62) 4-Bromofluorobenzene	10.001	95	331608	39.217	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	78.440%#

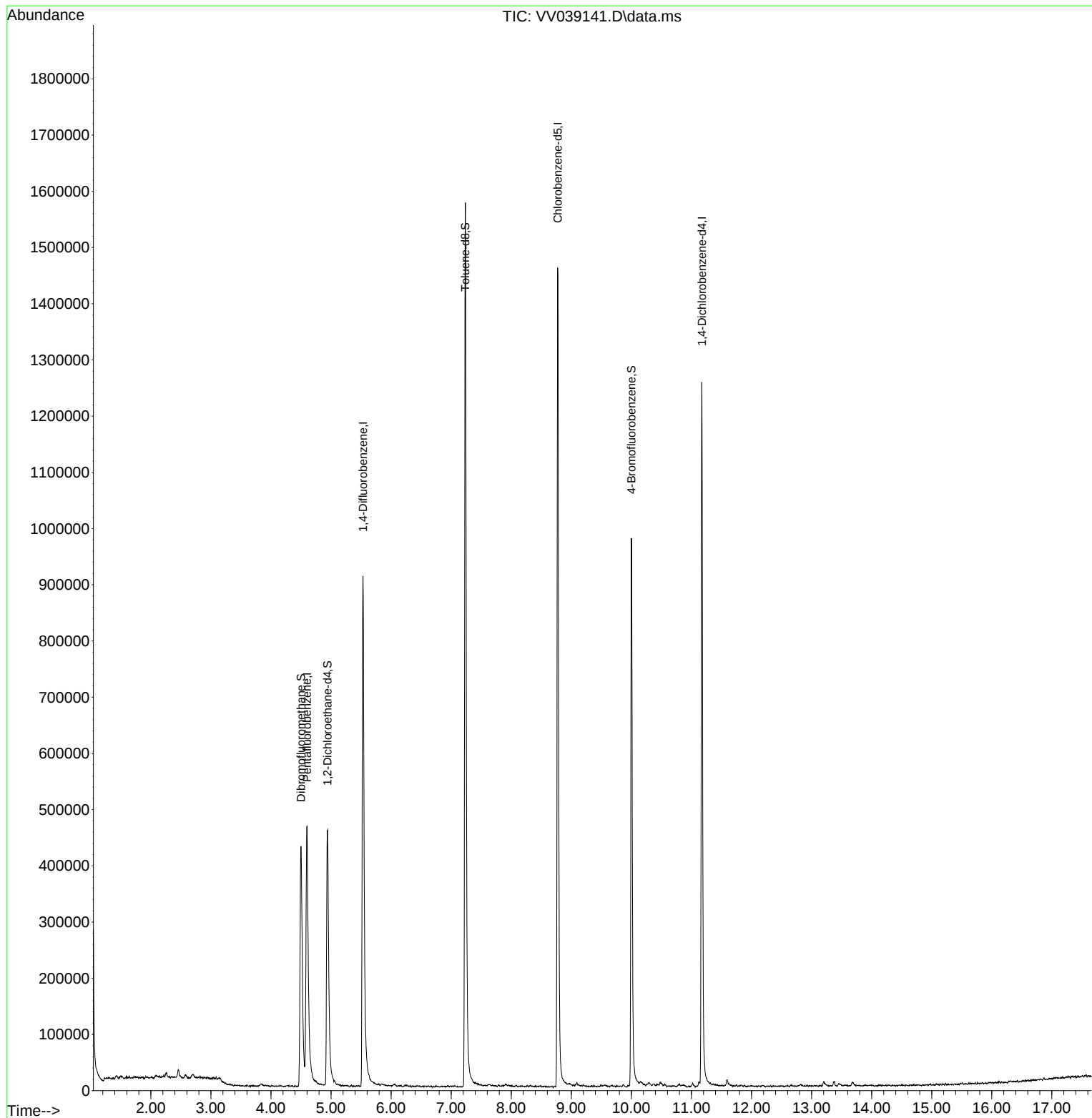
Target Compounds	Qvalue

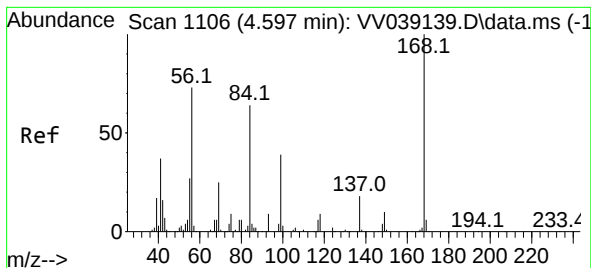
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092225\
Data File : VV039141.D
Acq On : 22 Sep 2025 14:21
Operator : SY/MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VIBLK

Quant Time: Sep 24 08:09:28 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

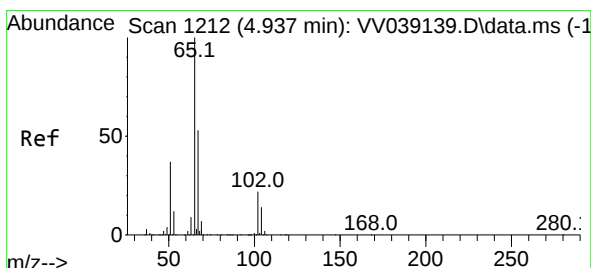
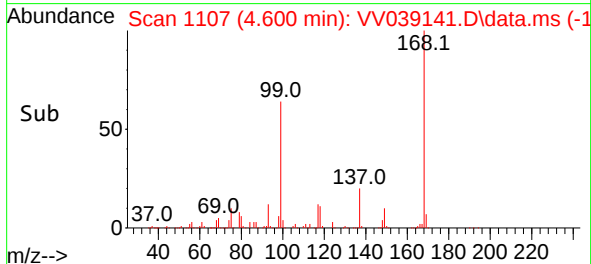
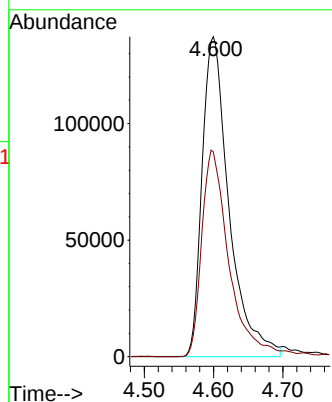
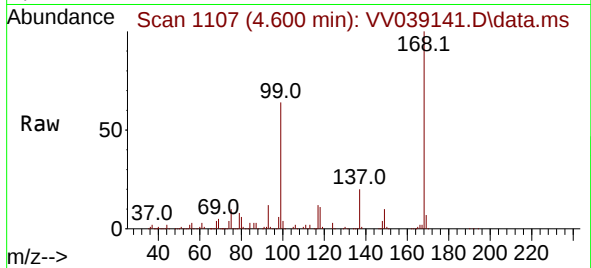




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1106
Delta R.T. 0.003 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

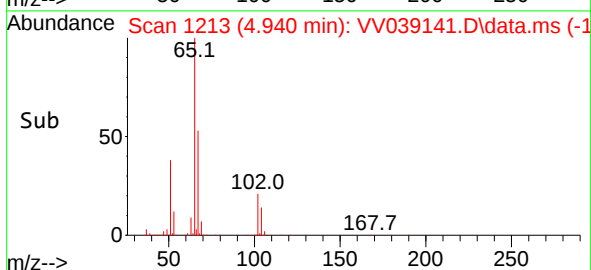
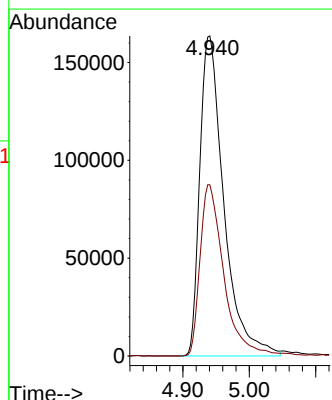
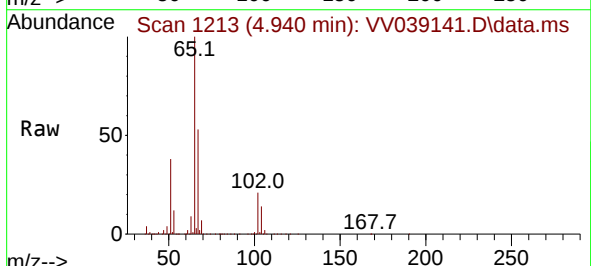
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

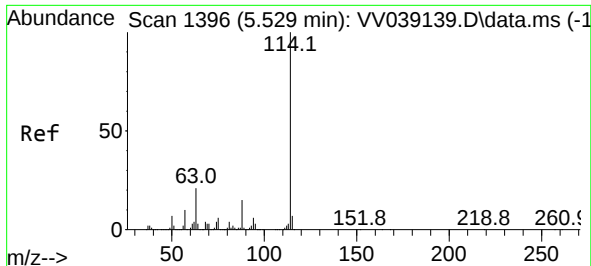
Tgt Ion:168 Resp: 370531
Ion Ratio Lower Upper
168 100
99 63.9 49.6 74.4



#33
1,2-Dichloroethane-d4
Concen: 76.850 ug/l
RT: 4.940 min Scan# 1213
Delta R.T. 0.003 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

Tgt Ion: 65 Resp: 412124
Ion Ratio Lower Upper
65 100
67 53.2 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039141.D

Acq: 22 Sep 2025 14:21

Instrument :

MSVOA_V

ClientSampleId :

VIBLK

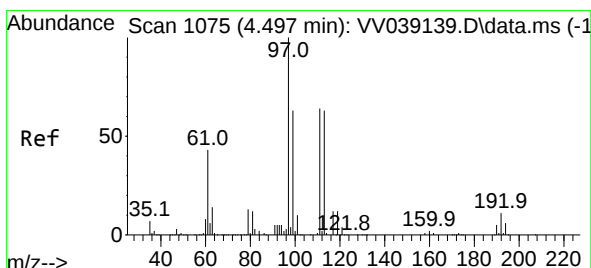
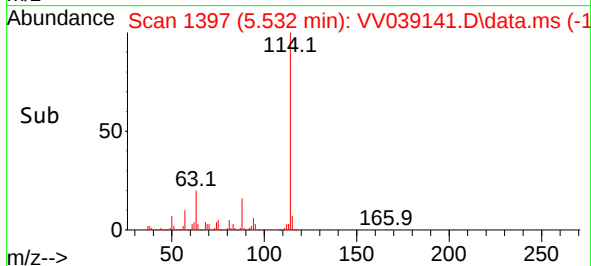
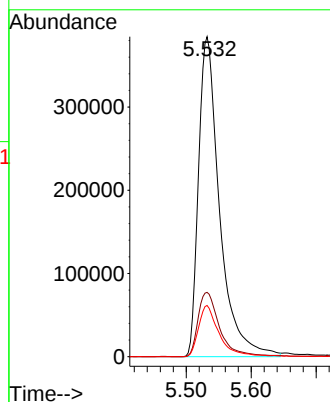
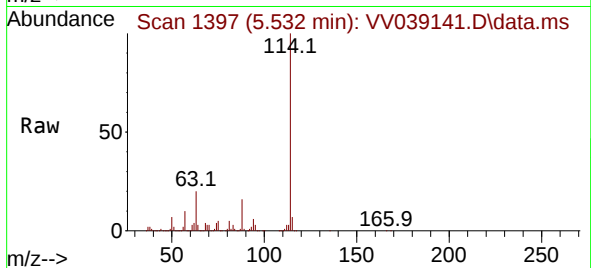
Tgt Ion:114 Resp: 869931

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.6

88 16.0 0.0 30.8



#35

Dibromofluoromethane

Concen: 51.490 ug/l

RT: 4.500 min Scan# 1076

Delta R.T. 0.003 min

Lab File: VV039141.D

Acq: 22 Sep 2025 14:21

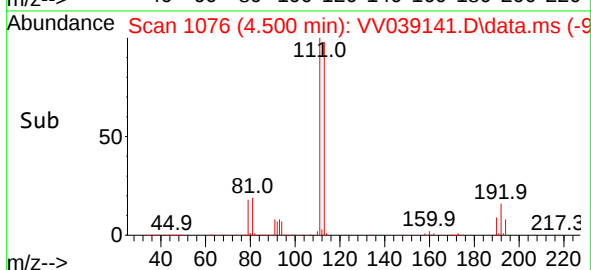
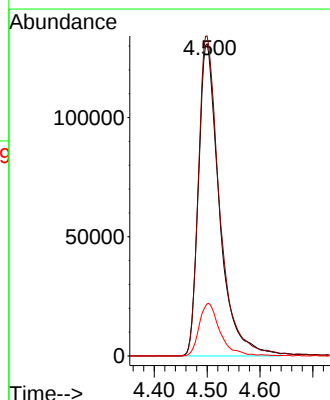
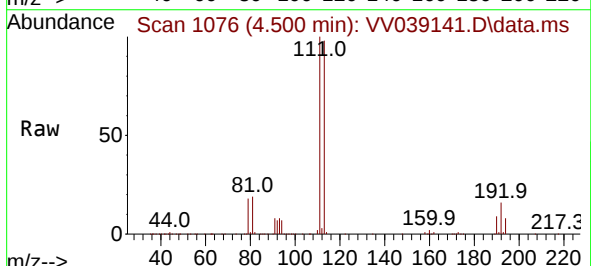
Tgt Ion:113 Resp: 360097

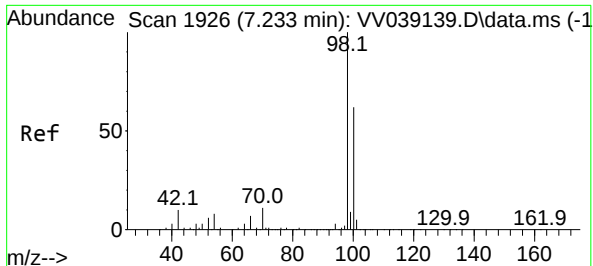
Ion Ratio Lower Upper

113 100

111 102.2 82.4 123.6

192 16.7 13.8 20.8





#50

Toluene-d8

Concen: 55.011 ug/l

RT: 7.236 min Scan# 1926

Delta R.T. 0.003 min

Lab File: VV039141.D

Acq: 22 Sep 2025 14:21

Instrument :

MSVOA_V

ClientSampleId :

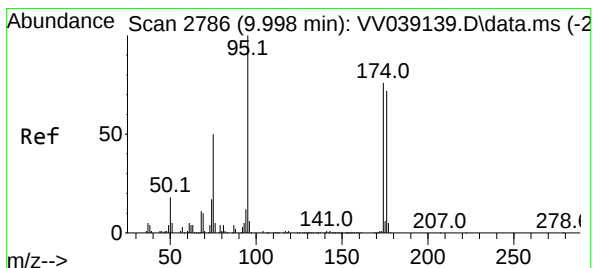
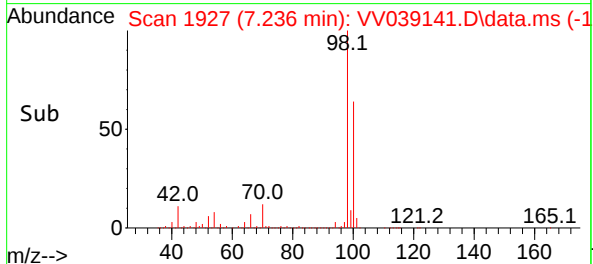
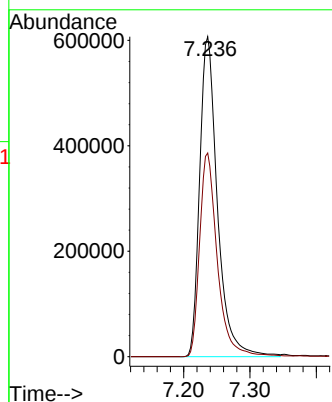
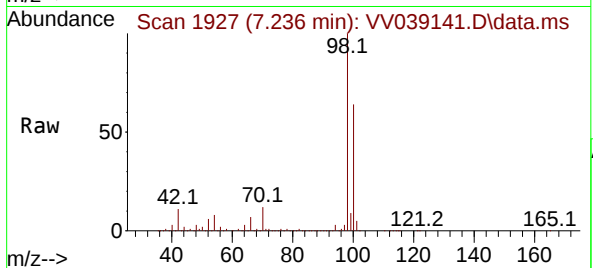
VIBLK

Tgt Ion: 98 Resp: 1129940

Ion Ratio Lower Upper

98 100

100 63.5 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 39.217 ug/l

RT: 10.001 min Scan# 2787

Delta R.T. 0.003 min

Lab File: VV039141.D

Acq: 22 Sep 2025 14:21

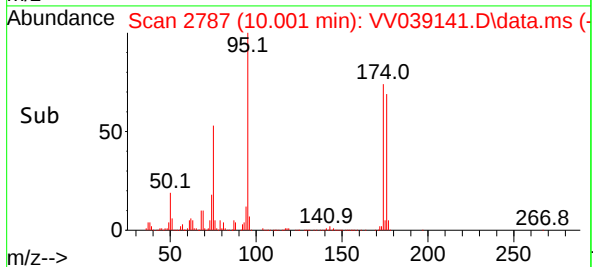
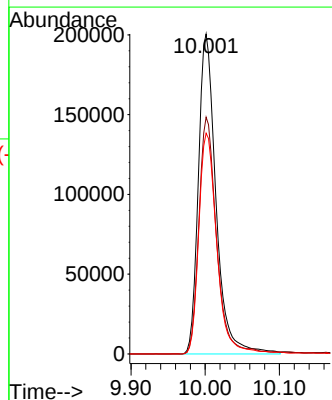
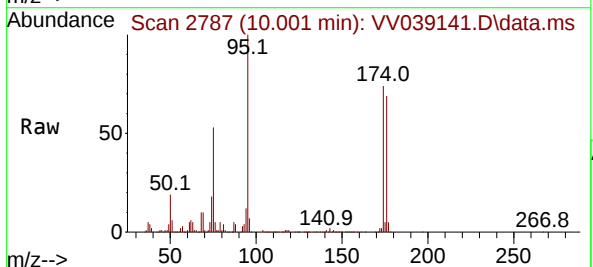
Tgt Ion: 95 Resp: 331608

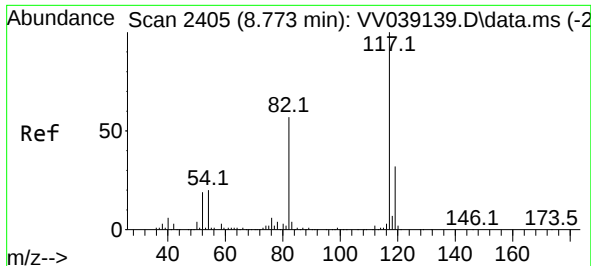
Ion Ratio Lower Upper

95 100

174 74.1 0.0 150.4

176 70.4 0.0 144.2

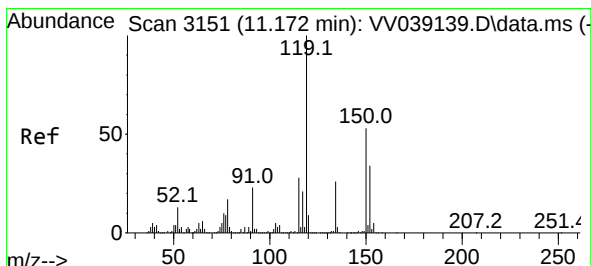
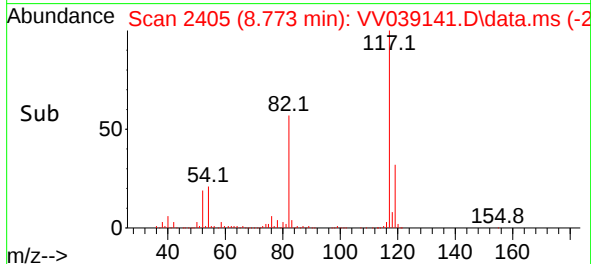
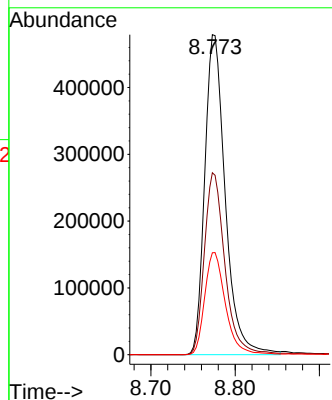
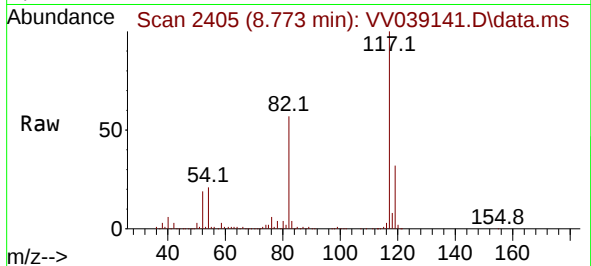




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 24
Delta R.T. 0.000 min
Lab File: VV039141.D
Acq: 22 Sep 2025 14:21

Instrument :
MSVOA_V
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 813119
Ion Ratio Lower Upper
117 100
82 56.8 45.4 68.2
119 31.9 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: VV039141.D
Acq: 22 Sep 2025 14:21

Tgt Ion:152 Resp: 327654
Ion Ratio Lower Upper
152 100
115 62.2 44.8 134.4
150 155.4 0.0 353.8

