

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092925\
 Data File : VV039222.D
 Acq On : 29 Sep 2025 11:38
 Operator : SY/MD
 Sample : VV0929MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0929MBL01

Quant Time: Sep 30 01:22:17 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	4.597	168	503598	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	855660	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	847306	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	430776	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	373920	51.302	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	102.600%
35) Dibromofluoromethane	4.500	113	358071	52.054	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	104.100%
50) Toluene-d8	7.236	98	896223	44.361	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	88.720%#
62) 4-Bromofluorobenzene	10.001	95	370293	44.522	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	89.040%

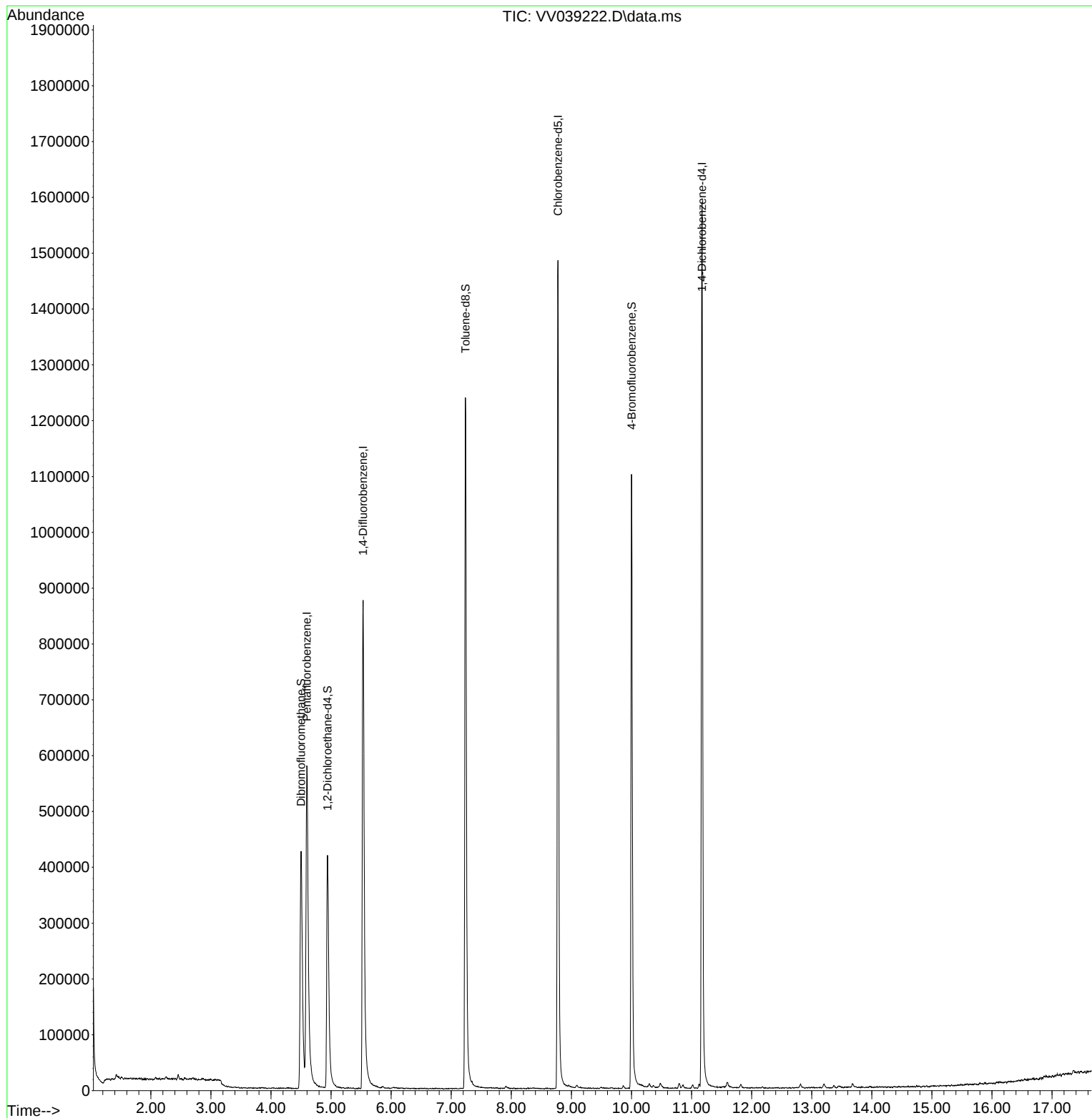
Target Compounds	Qvalue

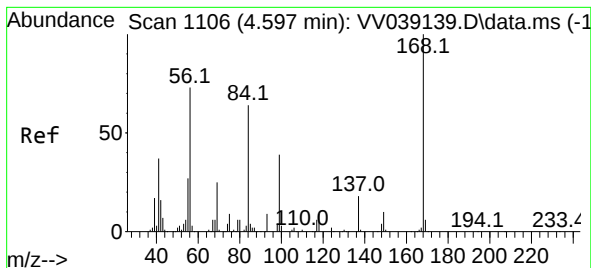
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.597 min Scan# 1106

Delta R.T. -0.000 min

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Acq: 29 Sep 2025 11:38

Instrument :

MSVOA_V

ClientSampleId :

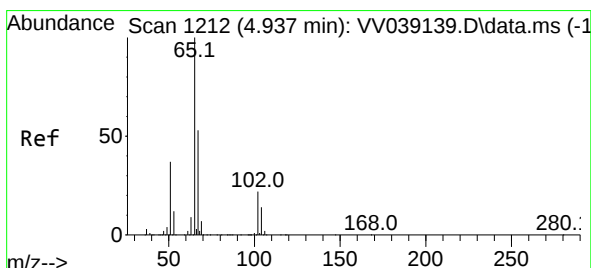
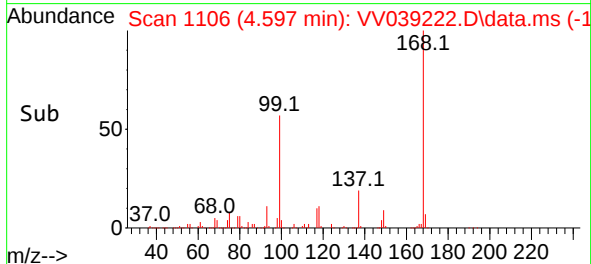
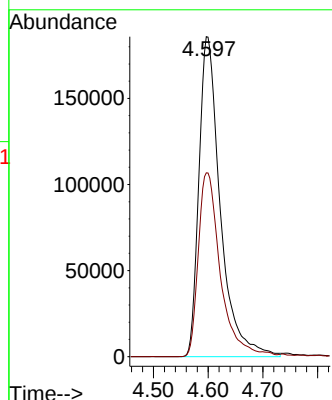
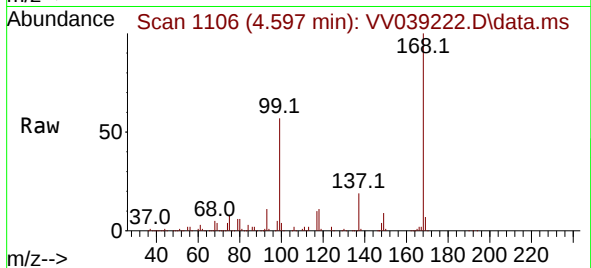
VV0929MBL01

Tgt Ion:168 Resp: 503598

Ion Ratio Lower Upper

168 100

99 57.4 49.6 74.4



#33

1,2-Dichloroethane-d4

Concen: 51.302 ug/l

RT: 4.941 min Scan# 1213

Delta R.T. 0.003 min

Lab File: VV039222.D

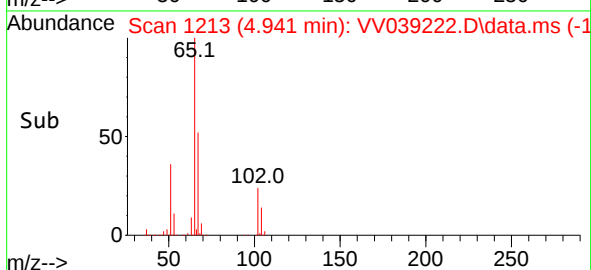
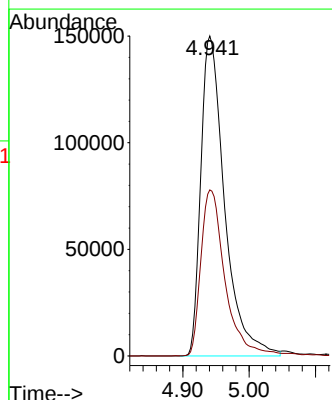
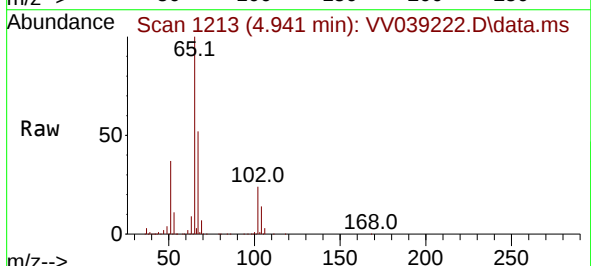
Acq: 29 Sep 2025 11:38

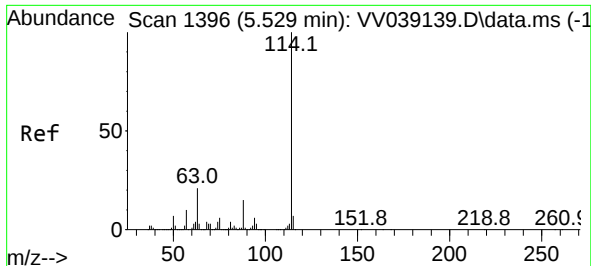
Tgt Ion: 65 Resp: 373920

Ion Ratio Lower Upper

65 100

67 52.8 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV039222.D

Acq: 29 Sep 2025 11:38

Instrument :

MSVOA_V

ClientSampleId :

VV0929MBL01

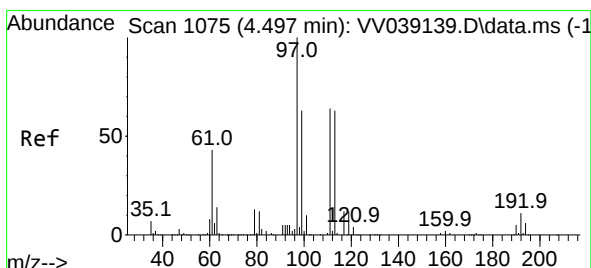
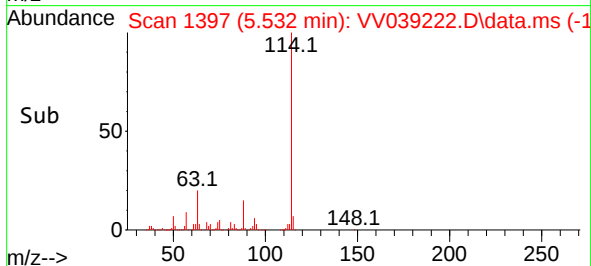
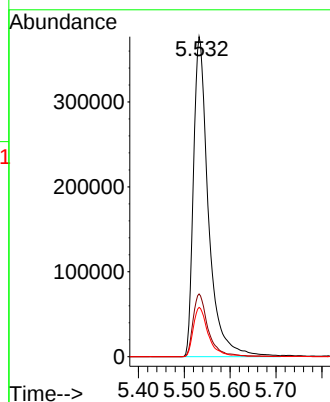
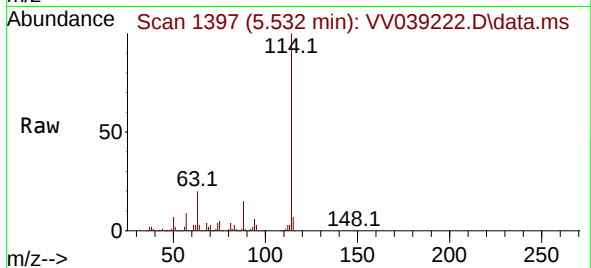
Tgt Ion:114 Resp: 855660

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.6

88 15.4 0.0 30.8



#35

Dibromofluoromethane

Concen: 52.054 ug/l

RT: 4.500 min Scan# 1076

Delta R.T. 0.003 min

Lab File: VV039222.D

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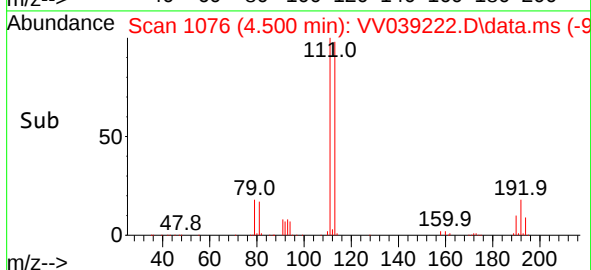
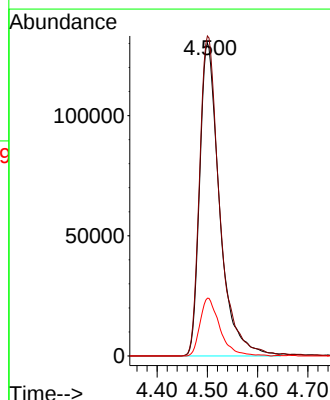
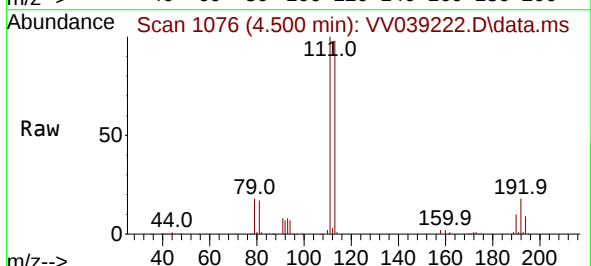
Tgt Ion:113 Resp: 358071

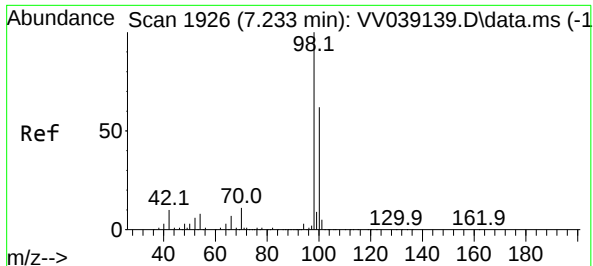
Ion Ratio Lower Upper

113 100

111 103.2 82.4 123.6

192 18.4 13.8 20.8

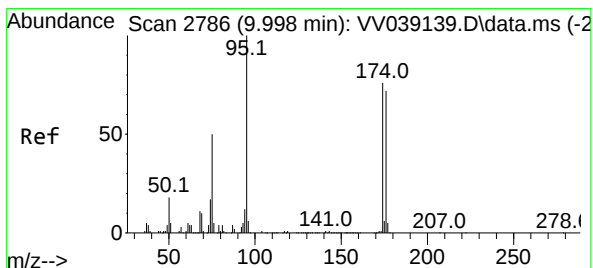
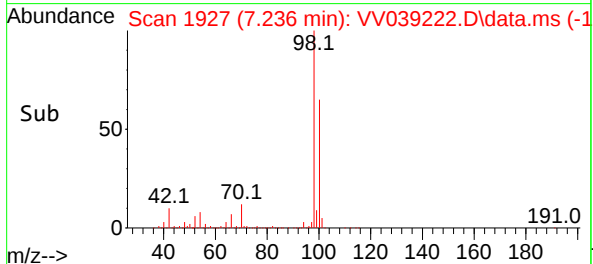
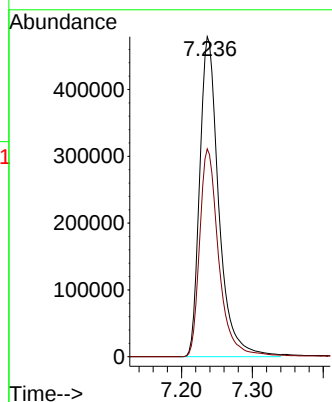
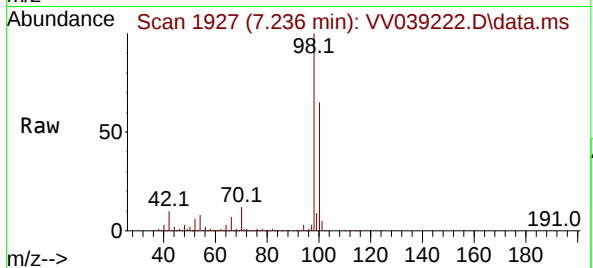




#50
Toluene-d8
Concen: 44.361 ug/l
RT: 7.236 min Scan# 1926
Delta R.T. 0.003 min
Lab File: VV039222.D
Acq: 29 Sep 2025 11:38

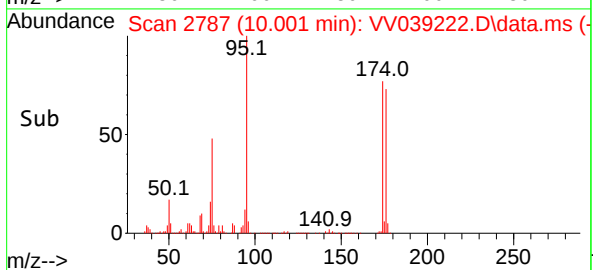
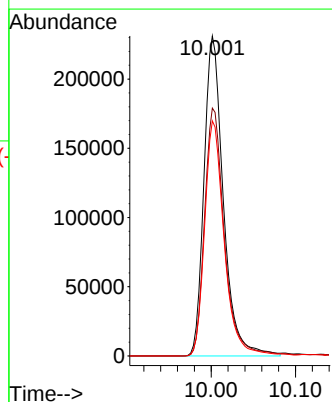
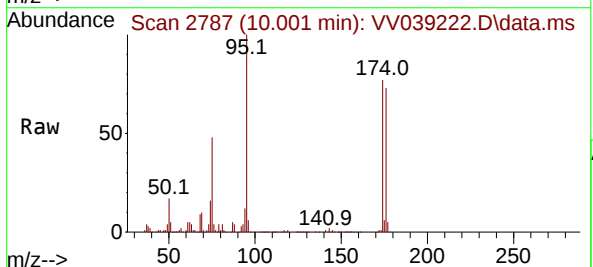
Instrument :
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ClientSampleId :
VV0929MBL01

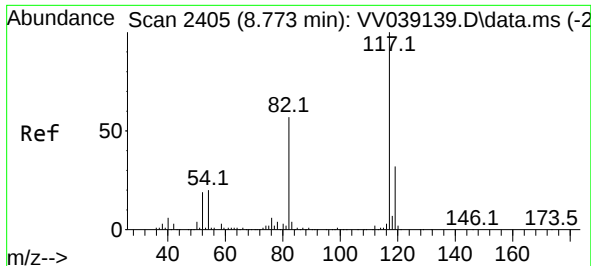
Tgt Ion: 98 Resp: 896223
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 44.522 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039222.D
Acq: 29 Sep 2025 11:38

Tgt Ion: 95 Resp: 370293
Ion Ratio Lower Upper
95 100
174 79.7 0.0 150.4
176 74.1 0.0 144.2

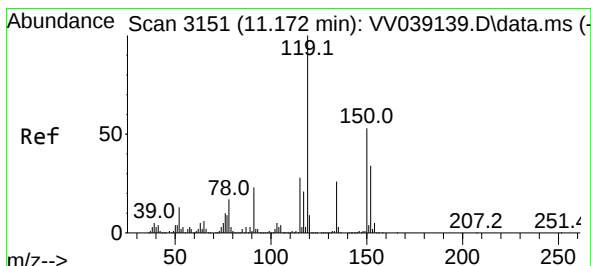
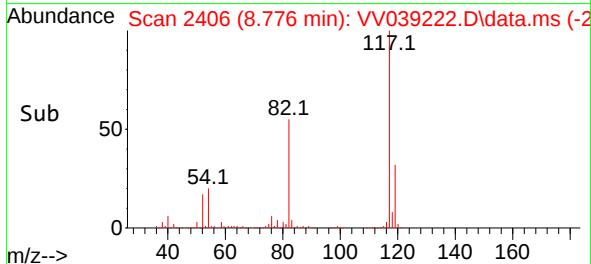
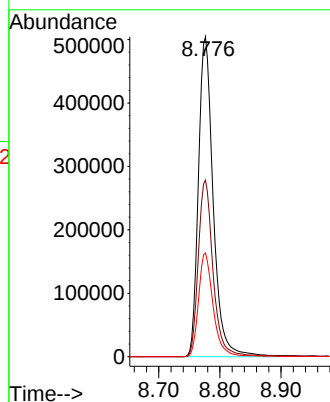
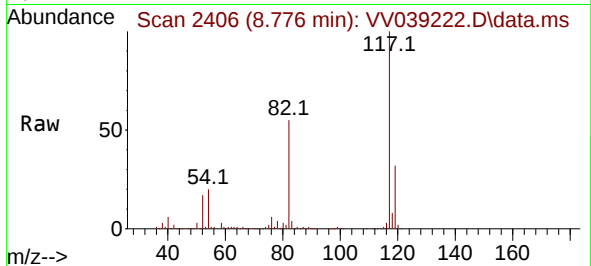




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV039222.D
Acq: 29 Sep 2025 11:38

Instrument :
MSVOA_V
ClientSampleId :
VV0929MBL01

Tgt Ion:117 Resp: 847306
Ion Ratio Lower Upper
117 100
82 55.2 45.4 68.2
119 32.4 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: VV039222.D
Acq: 29 Sep 2025 11:38

Tgt Ion:152 Resp: 430776
Ion Ratio Lower Upper
152 100
115 60.4 44.8 134.4
150 157.4 0.0 353.8

