

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092925\
 Data File : VV039223.D
 Acq On : 29 Sep 2025 12:00
 Operator : SY/MD
 Sample : VV0929WBL01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0929WBL01

Quant Time: Sep 30 01:22:41 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	463653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	797576	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.777	117	809645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	403956	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	367686	54.793	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	109.580%
35) Dibromofluoromethane	4.503	113	349442	54.499	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	109.000%
50) Toluene-d8	7.240	98	860432	45.691	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	91.380%
62) 4-Bromofluorobenzene	10.002	95	353180	45.557	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	91.120%

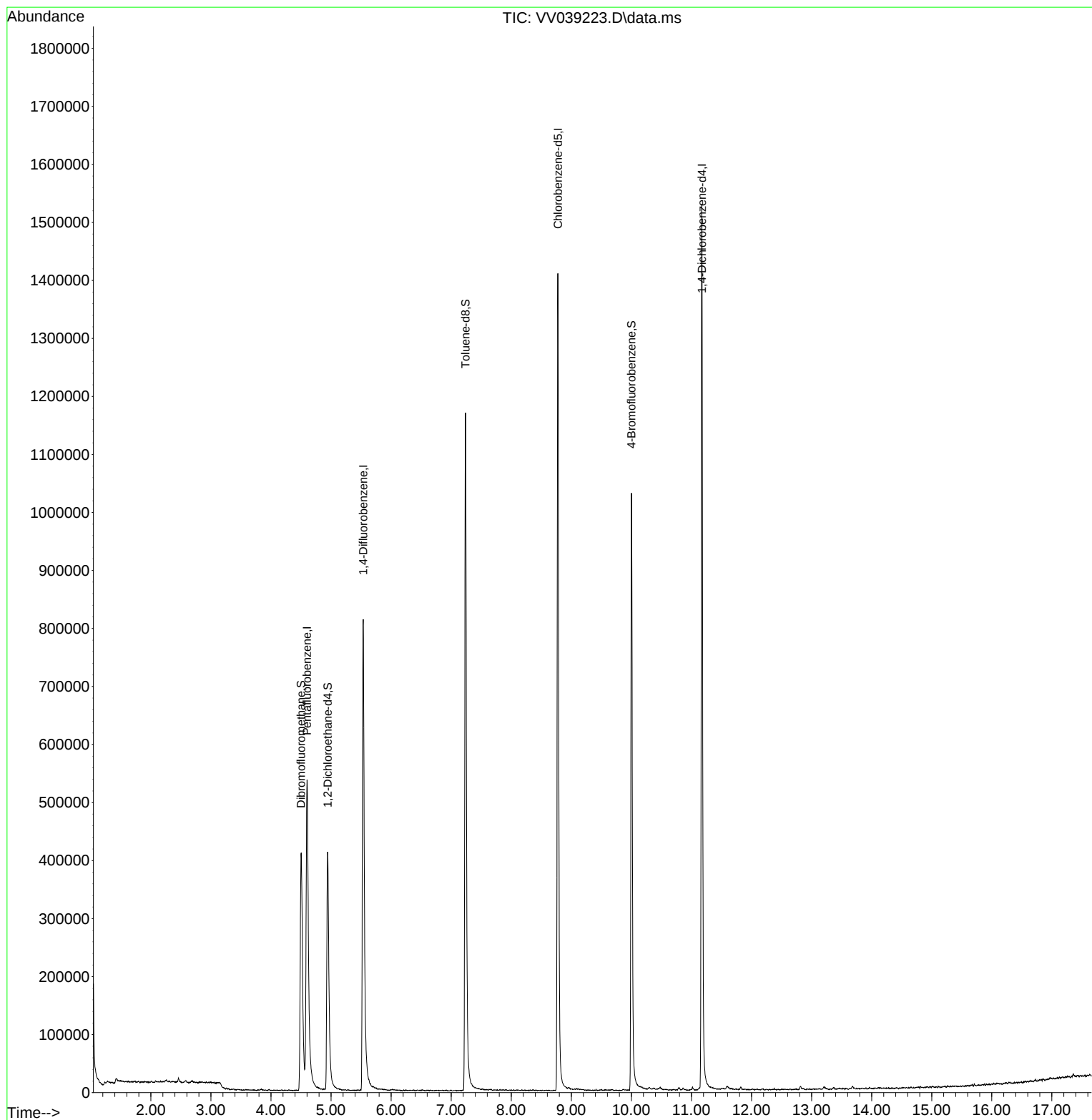
Target Compounds	Qvalue

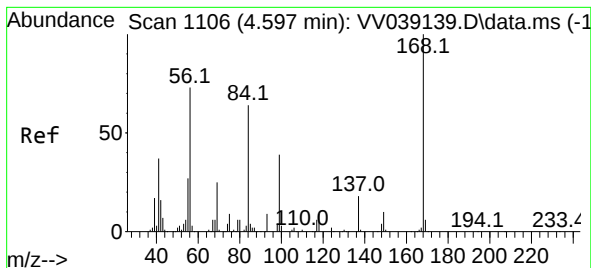
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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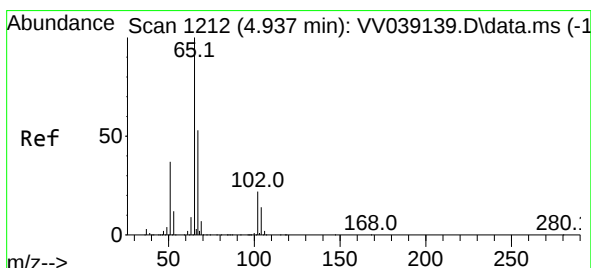
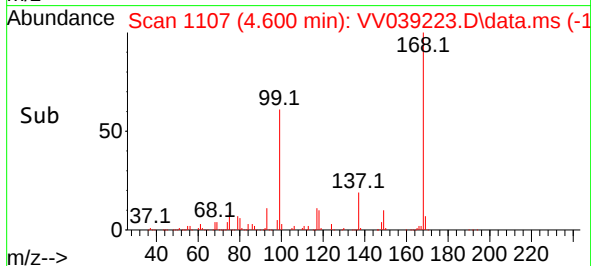
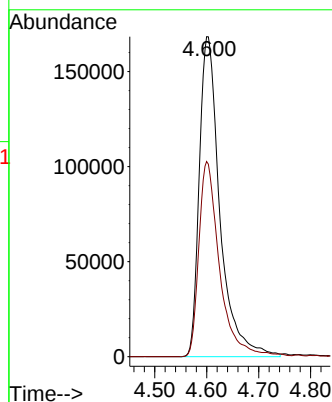
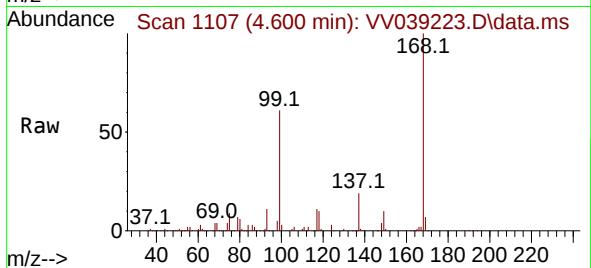




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1106
Delta R.T. 0.003 min
Lab File: VV039223.D
Acq: 29 Sep 2025 12:00

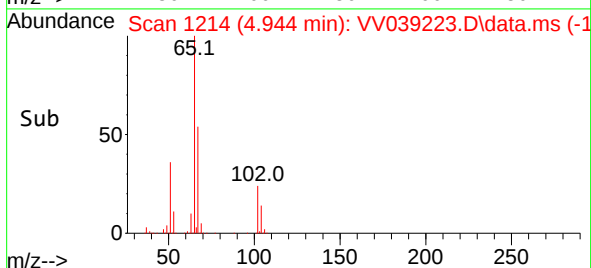
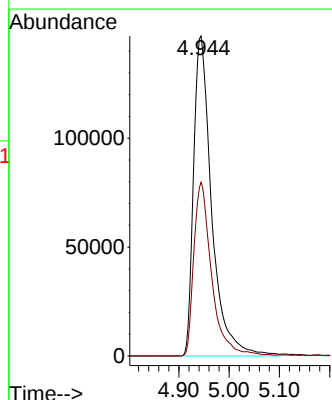
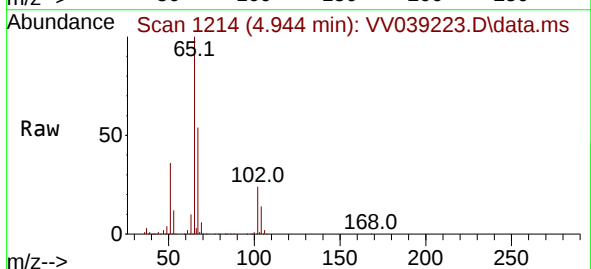
Instrument :
MSVOA_V
ClientSampleId :
VV0929WBL01

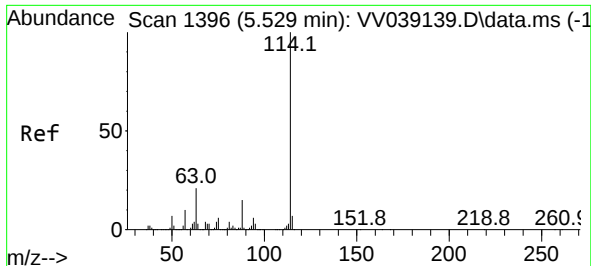
Tgt Ion:168 Resp: 463653
Ion Ratio Lower Upper
168 100
99 61.0 49.6 74.4



#33
1,2-Dichloroethane-d4
Concen: 54.793 ug/l
RT: 4.944 min Scan# 1214
Delta R.T. 0.007 min
Lab File: VV039223.D
Acq: 29 Sep 2025 12:00

Tgt Ion: 65 Resp: 367686
Ion Ratio Lower Upper
65 100
67 53.2 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: VV039223.D

Acq: 29 Sep 2025 12:00

Instrument :

MSVOA_V

ClientSampleId :

VV0929WBL01

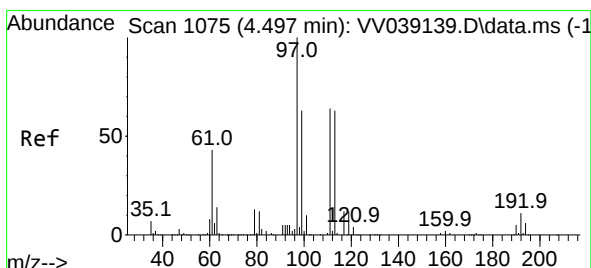
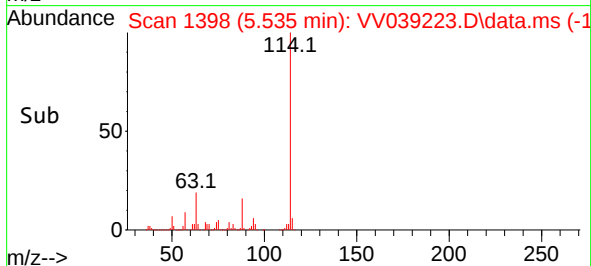
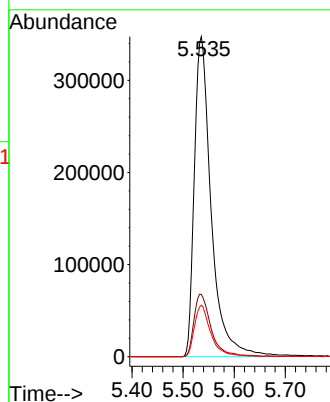
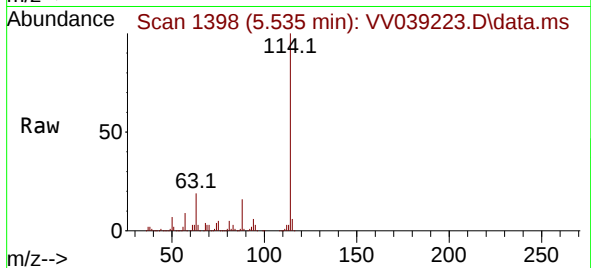
Tgt Ion:114 Resp: 797576

Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.6

88 16.1 0.0 30.8



#35

Dibromofluoromethane

Concen: 54.499 ug/l

RT: 4.503 min Scan# 1077

Delta R.T. 0.007 min

Lab File: VV039223.D

Acq: 29 Sep 2025 12:00

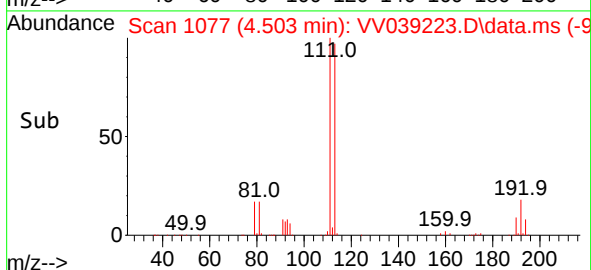
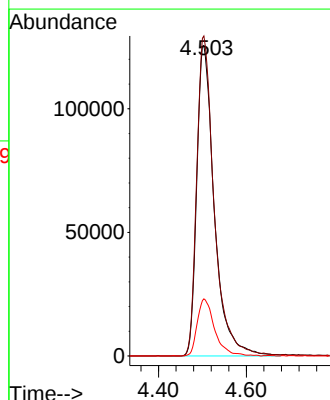
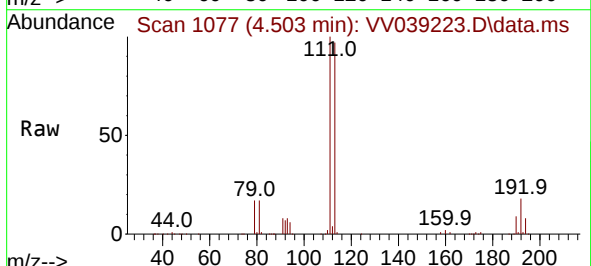
Tgt Ion:113 Resp: 349442

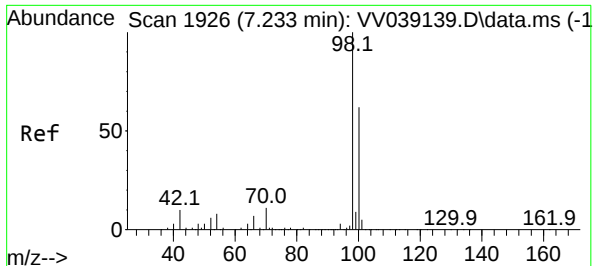
Ion Ratio Lower Upper

113 100

111 101.9 82.4 123.6

192 18.1 13.8 20.8





#50

Toluene-d8

Concen: 45.691 ug/l

RT: 7.240 min Scan# 1926

Delta R.T. 0.007 min

Lab File: VV039223.D

Acq: 29 Sep 2025 12:00

Instrument :

MSVOA_V

ClientSampleId :

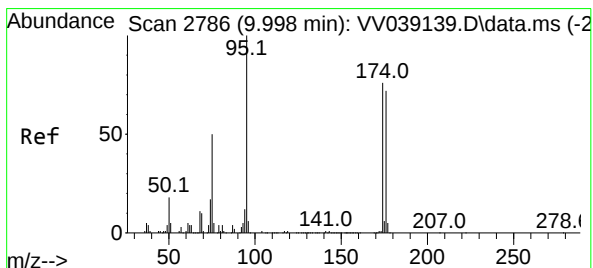
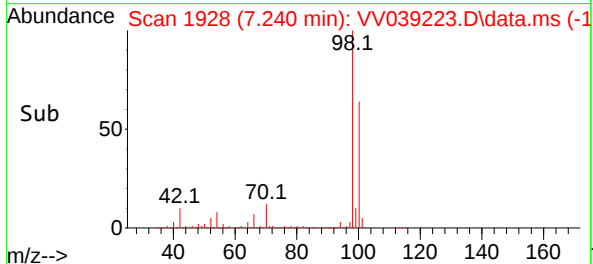
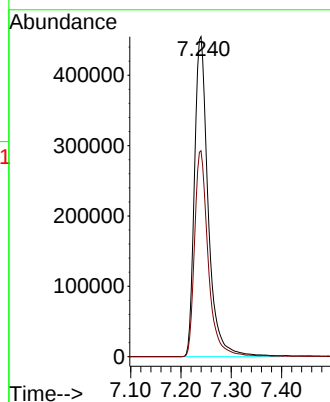
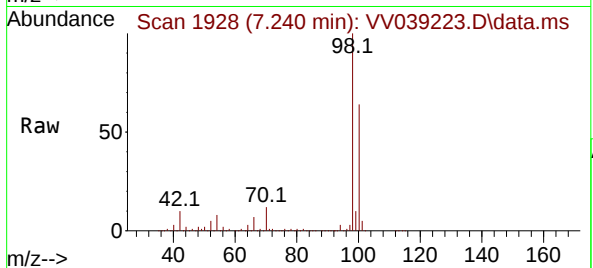
VV0929WBL01

Tgt Ion: 98 Resp: 860432

Ion Ratio Lower Upper

98 100

100 63.9 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 45.557 ug/l

RT: 10.002 min Scan# 2787

Delta R.T. 0.003 min

Lab File: VV039223.D

Acq: 29 Sep 2025 12:00

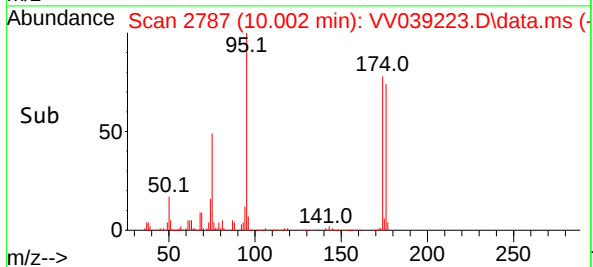
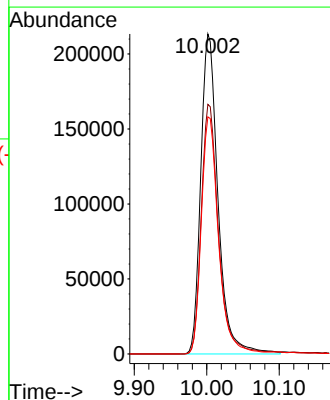
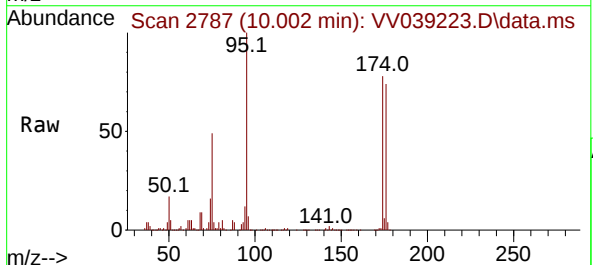
Tgt Ion: 95 Resp: 353180

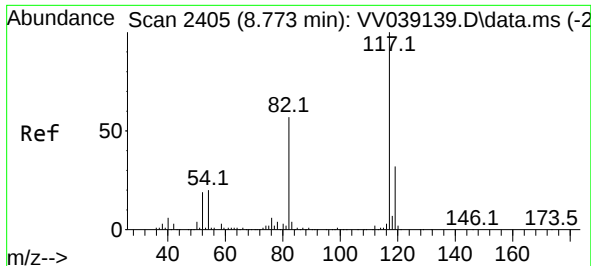
Ion Ratio Lower Upper

95 100

174 77.7 0.0 150.4

176 73.8 0.0 144.2

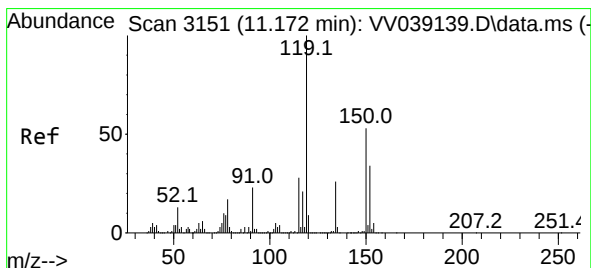
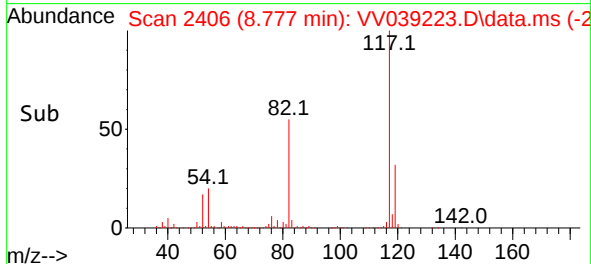
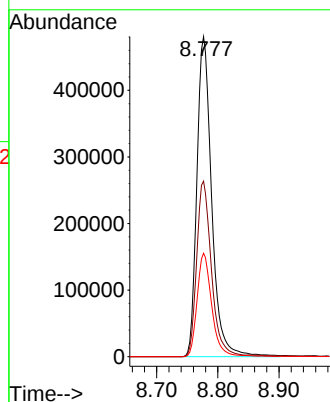
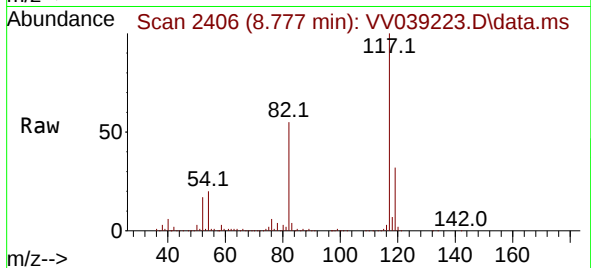




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.777 min Scan# 2405
Delta R.T. 0.004 min
Lab File: VV039223.D
Acq: 29 Sep 2025 12:00

Instrument :
MSVOA_V
ClientSampleId :
VV0929WBL01

Tgt Ion:117 Resp: 809645
Ion Ratio Lower Upper
117 100
82 54.8 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: VV039223.D
Acq: 29 Sep 2025 12:00

Tgt Ion:152 Resp: 403956
Ion Ratio Lower Upper
152 100
115 61.1 44.8 134.4
150 157.7 0.0 353.8

