

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092625\
 Data File : VV039200.D
 Acq On : 26 Sep 2025 10:23
 Operator : SY/MD
 Sample : VV0926WBL01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0926WBL01

Quant Time: Sep 27 02:50:24 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	4.600	168	488972	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	870889	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	870759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	422120	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	399373	56.433	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	112.860%
35) Dibromofluoromethane	4.503	113	357344	51.040	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	102.080%
50) Toluene-d8	7.236	98	952055	46.300	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	92.600%
62) 4-Bromofluorobenzene	10.001	95	387045	45.722	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	91.440%

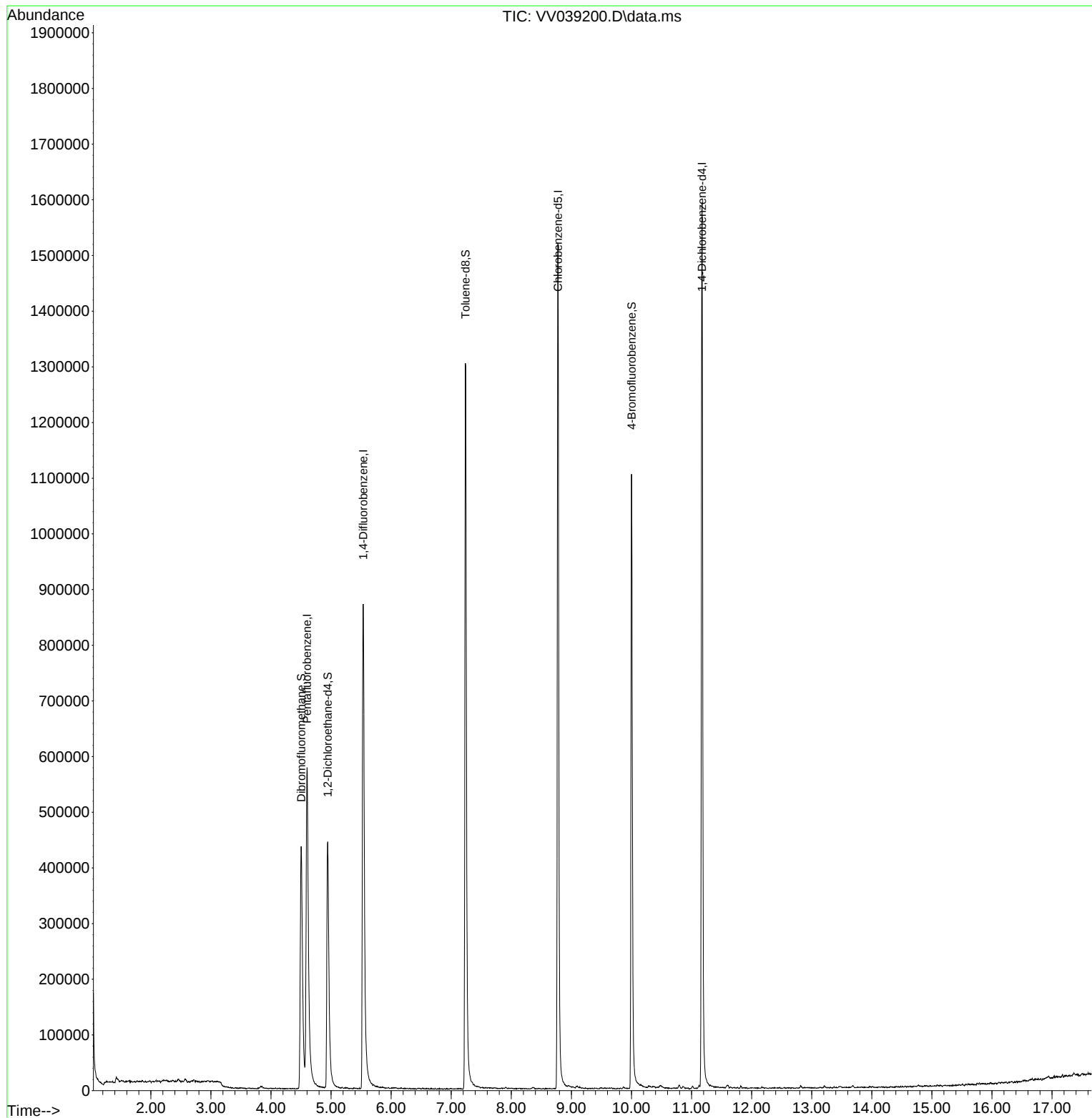
Target Compounds	Qvalue

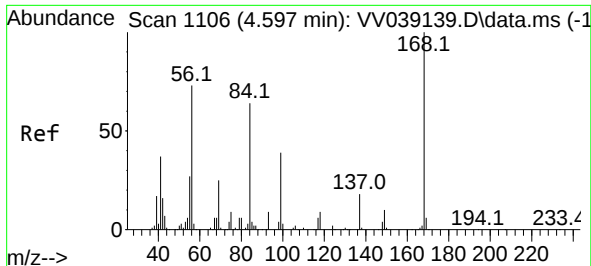
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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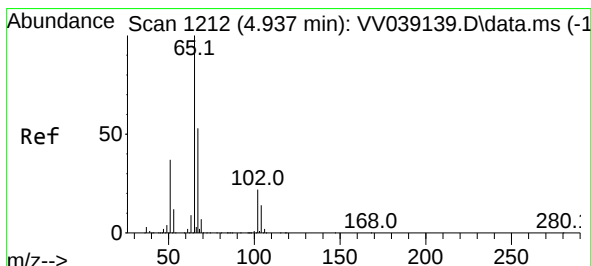
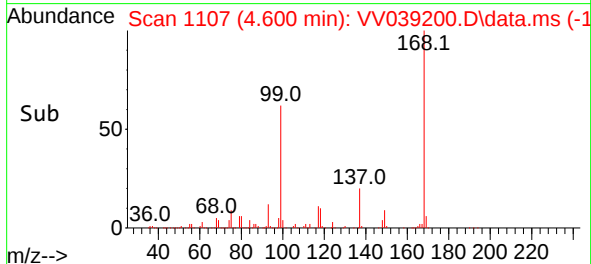
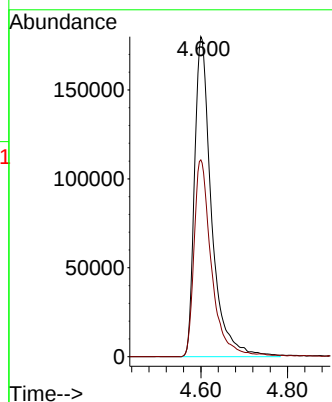
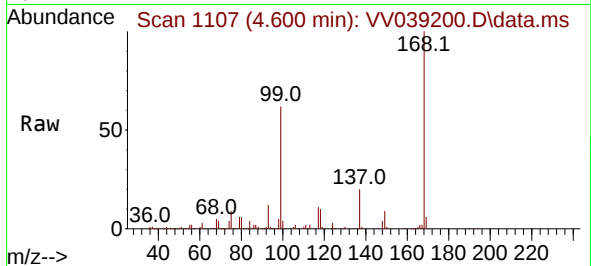




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 1106
Delta R.T. 0.003 min
Lab File: VV039200.D
Acq: 26 Sep 2025 10:23

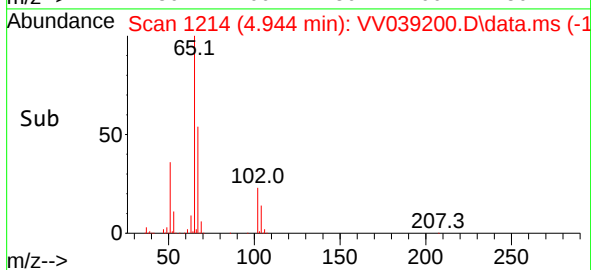
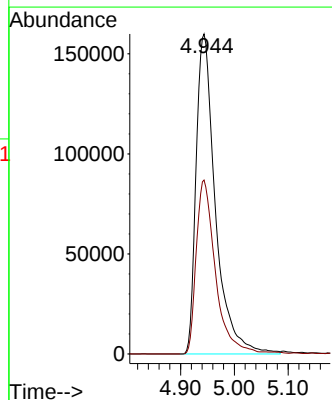
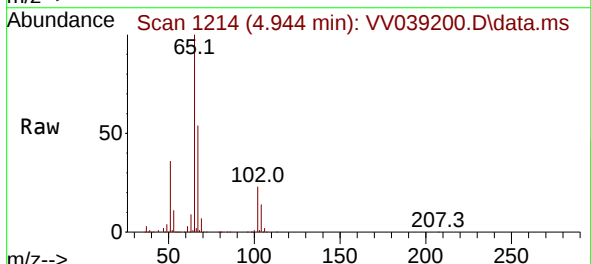
Instrument :
MSVOA_V
ClientSampleId :
VV0926WBL01

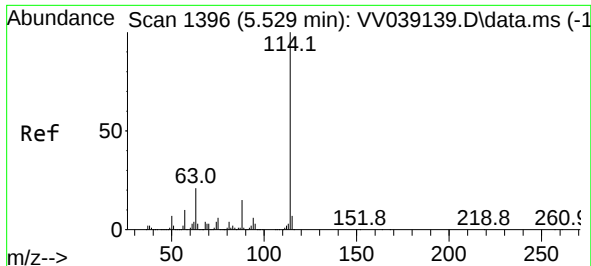
Tgt Ion:168 Resp: 488972
Ion Ratio Lower Upper
168 100
99 61.5 49.6 74.4



#33
1,2-Dichloroethane-d4
Concen: 56.433 ug/l
RT: 4.944 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VV039200.D
Acq: 26 Sep 2025 10:23

Tgt Ion: 65 Resp: 399373
Ion Ratio Lower Upper
65 100
67 53.9 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: VV039200.D

Acq: 26 Sep 2025 10:23

Instrument :

MSVOA_V

ClientSampleId :

VV0926WBL01

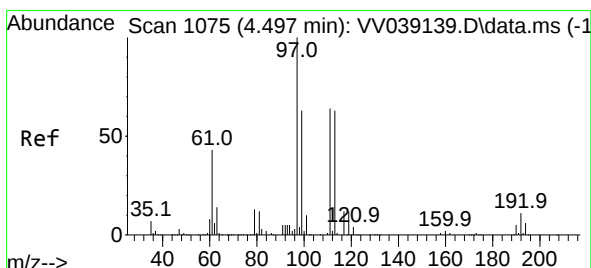
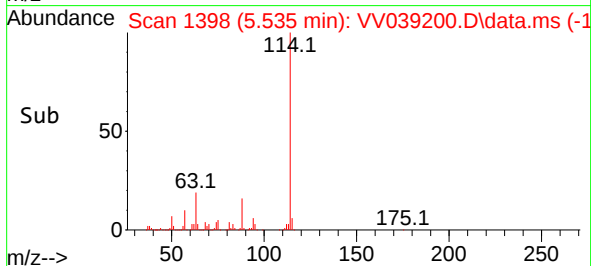
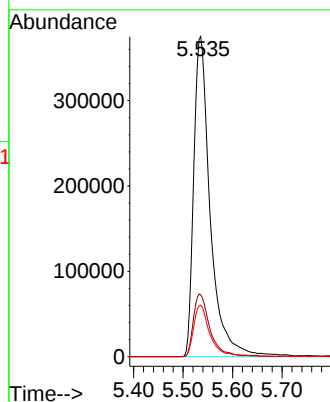
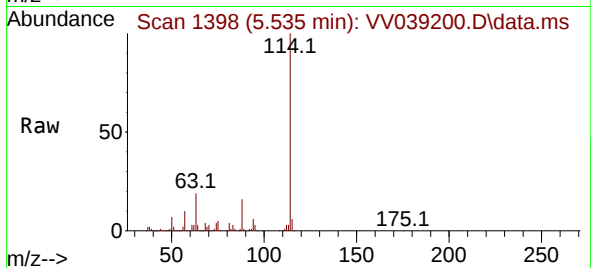
Tgt Ion:114 Resp: 870889

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.6

88 16.1 0.0 30.8



#35

Dibromofluoromethane

Concen: 51.040 ug/l

RT: 4.503 min Scan# 1077

Delta R.T. 0.006 min

Lab File: VV039200.D

Acq: 26 Sep 2025 10:23

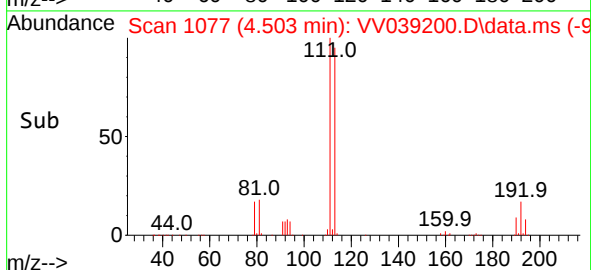
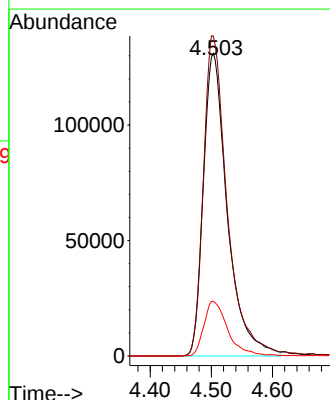
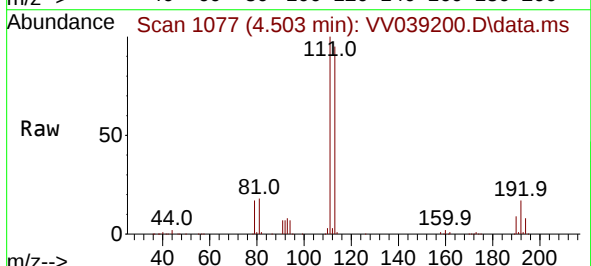
Tgt Ion:113 Resp: 357344

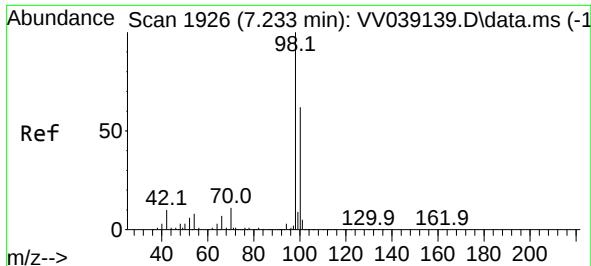
Ion Ratio Lower Upper

113 100

111 105.6 82.4 123.6

192 17.9 13.8 20.8





#50

Toluene-d8

Concen: 46.300 ug/l

RT: 7.236 min Scan# 1926

Delta R.T. 0.003 min

Lab File: VV039200.D

Acq: 26 Sep 2025 10:23

Instrument :

MSVOA_V

ClientSampleId :

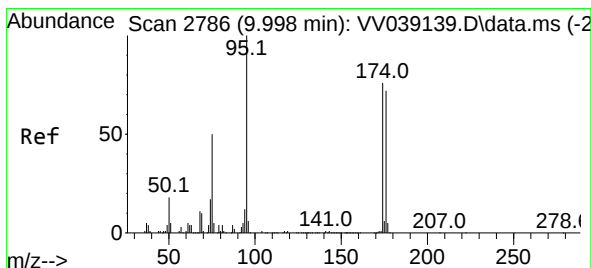
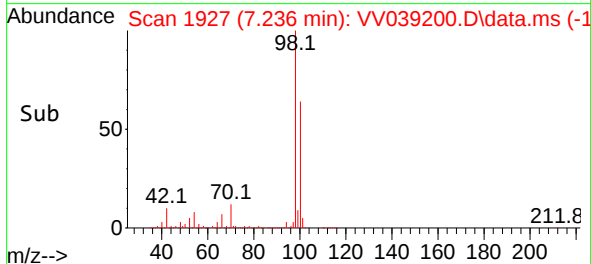
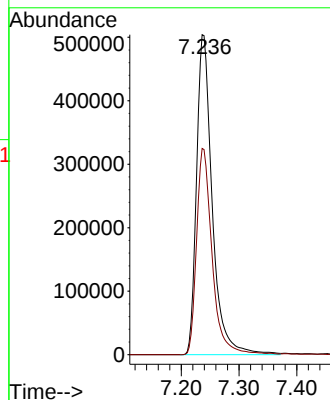
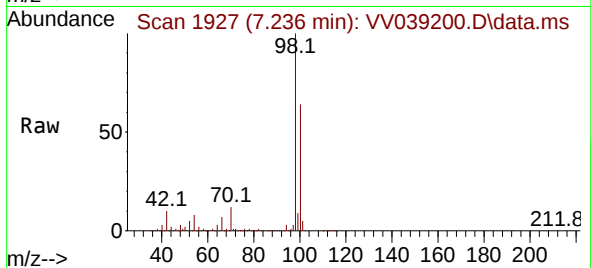
VV0926WBL01

Tgt Ion: 98 Resp: 952055

Ion Ratio Lower Upper

98 100

100 63.7 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 45.722 ug/l

RT: 10.001 min Scan# 2787

Delta R.T. 0.003 min

Lab File: VV039200.D

Acq: 26 Sep 2025 10:23

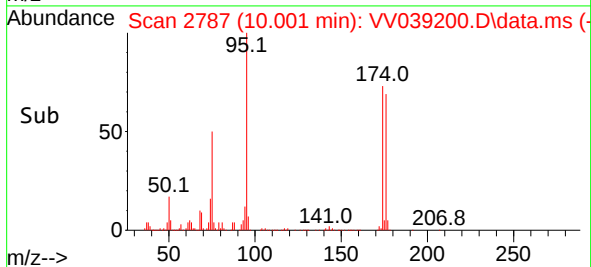
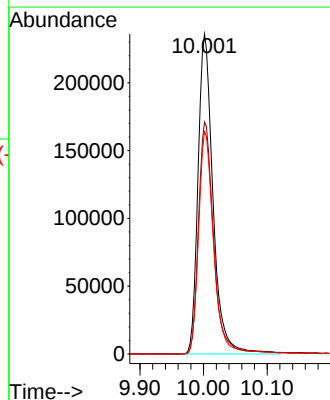
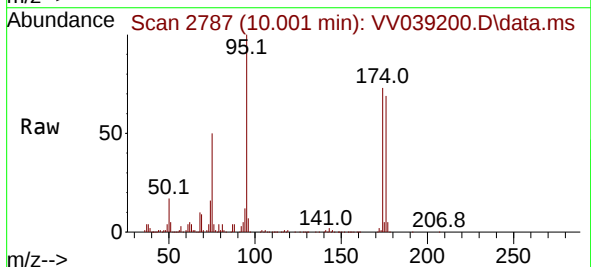
Tgt Ion: 95 Resp: 387045

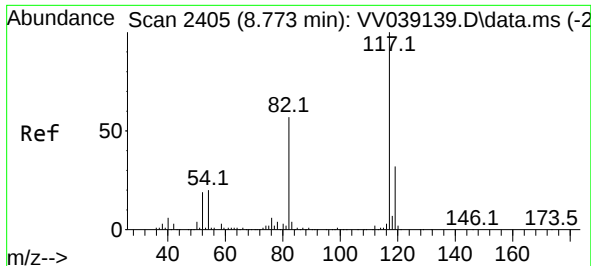
Ion Ratio Lower Upper

95 100

174 72.4 0.0 150.4

176 69.0 0.0 144.2

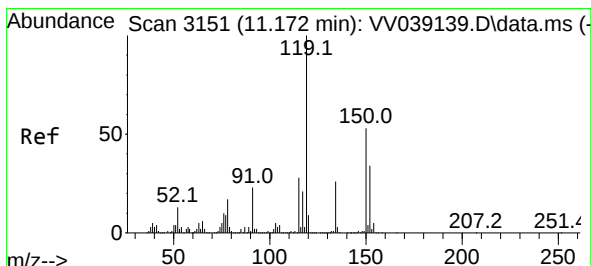
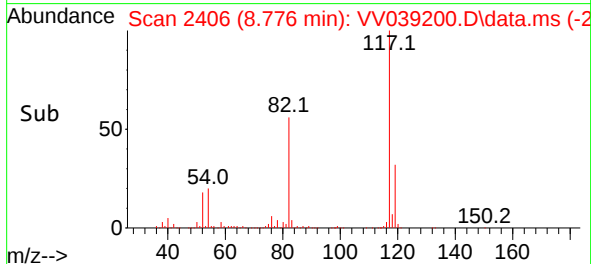
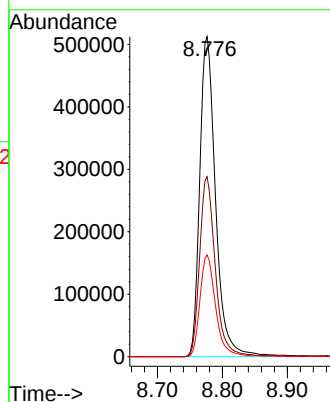
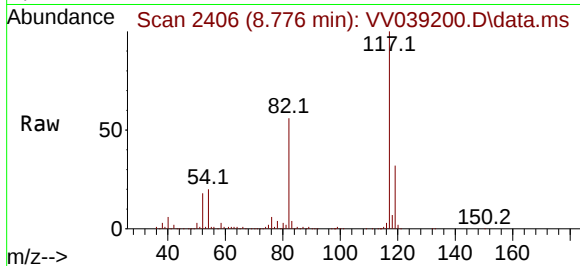




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.003 min
Lab File: VV039200.D
Acq: 26 Sep 2025 10:23

Instrument :
MSVOA_V
ClientSampleId :
VV0926WBL01

Tgt Ion:117 Resp: 870759
Ion Ratio Lower Upper
117 100
82 56.2 45.4 68.2
119 31.8 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: VV039200.D
Acq: 26 Sep 2025 10:23

Tgt Ion:152 Resp: 422120
Ion Ratio Lower Upper
152 100
115 61.9 44.8 134.4
150 158.3 0.0 353.8

