

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
 Data File : VV039187.D
 Acq On : 25 Sep 2025 17:25
 Operator : SY/MD
 Sample : Q3195-23
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EB-01-091925

Quant Time: Sep 26 01:34:27 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	4.603	168	360957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	632244	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	624309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	293380	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.947	65	279642	53.529	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	107.060%
35) Dibromofluoromethane	4.506	113	257560	50.674	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	101.340%
50) Toluene-d8	7.239	98	676812	45.338	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	90.680%
62) 4-Bromofluorobenzene	10.001	95	268424	43.678	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	87.360%

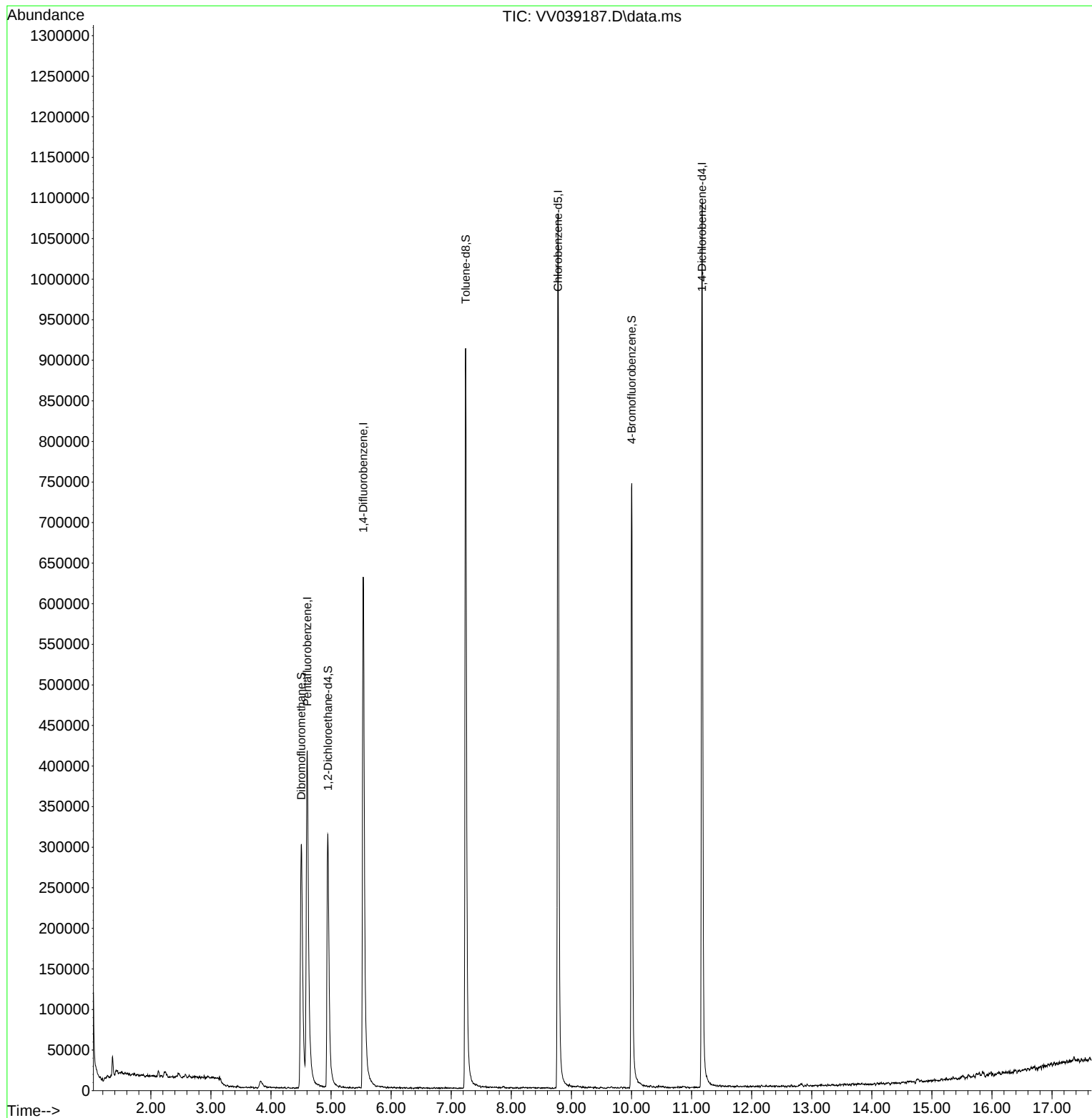
Target Compounds	Qvalue

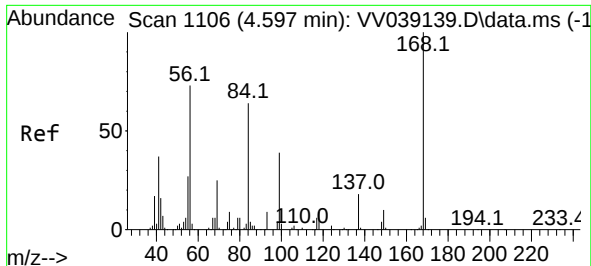
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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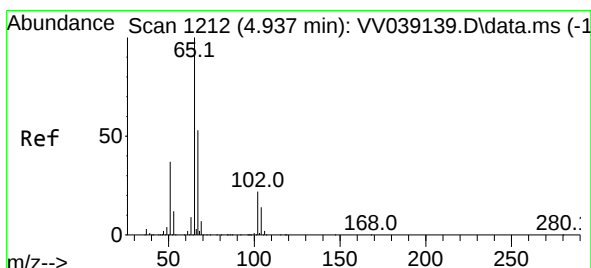
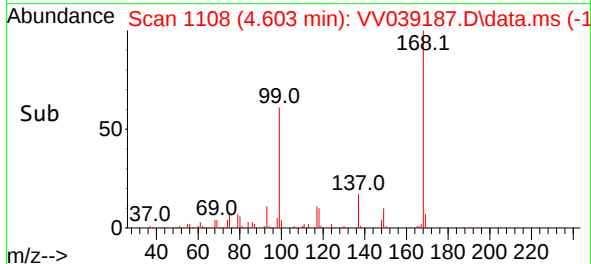
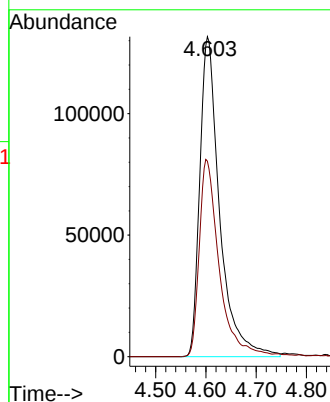
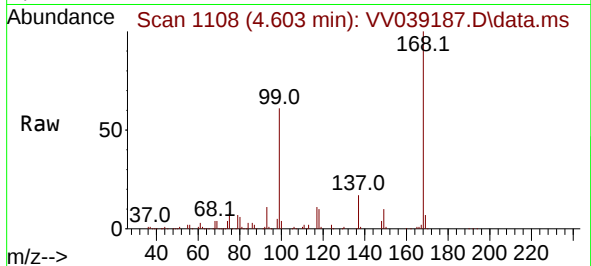




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.603 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VV039187.D
Acq: 25 Sep 2025 17:25

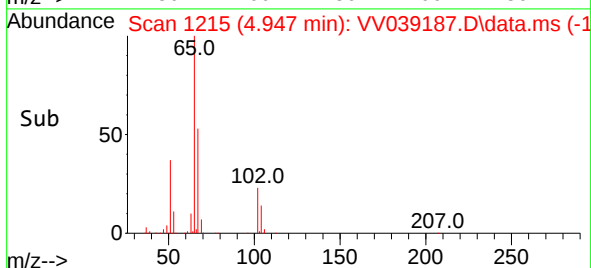
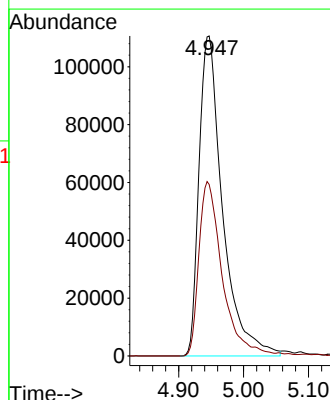
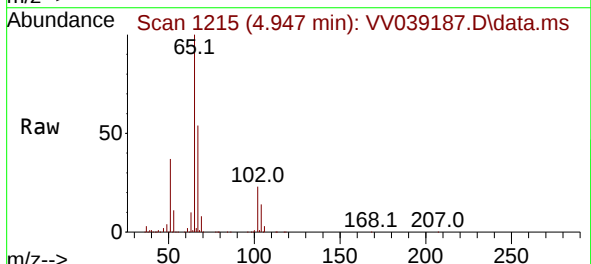
Instrument :
MSVOA_V
ClientSampleId :
EB-01-091925

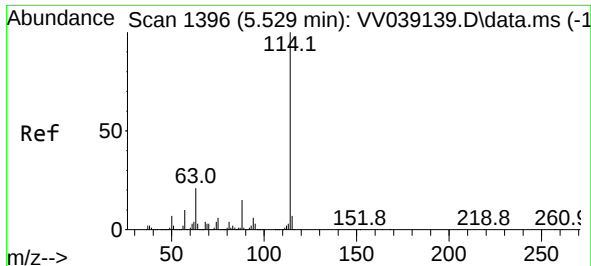
Tgt Ion:168 Resp: 360957
Ion Ratio Lower Upper
168 100
99 61.1 49.6 74.4



#33
1,2-Dichloroethane-d4
Concen: 53.529 ug/l
RT: 4.947 min Scan# 1215
Delta R.T. 0.010 min
Lab File: VV039187.D
Acq: 25 Sep 2025 17:25

Tgt Ion: 65 Resp: 279642
Ion Ratio Lower Upper
65 100
67 53.8 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: VV039187.D

Acq: 25 Sep 2025 17:25

Instrument :

MSVOA_V

ClientSampleId :

EB-01-091925

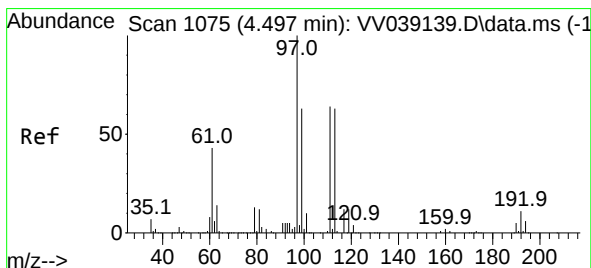
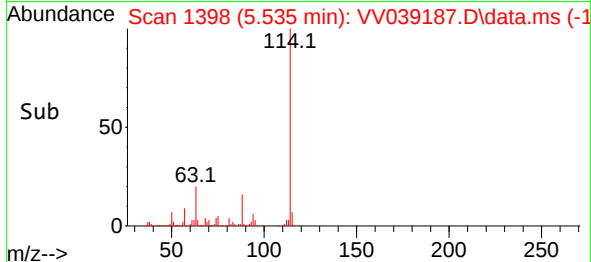
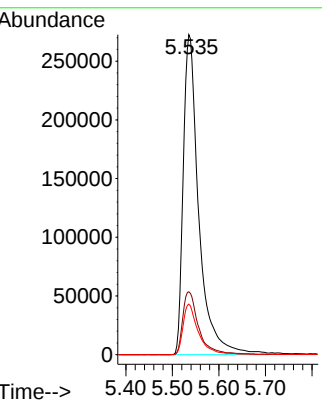
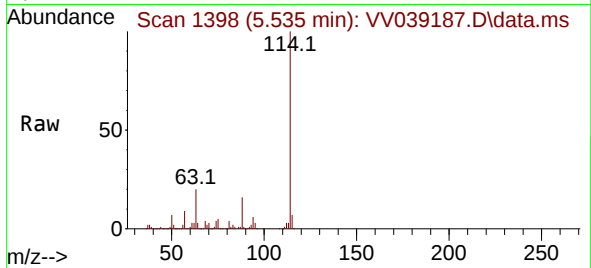
Tgt Ion:114 Resp: 632244

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.6

88 15.8 0.0 30.8



#35

Dibromofluoromethane

Concen: 50.674 ug/l

RT: 4.506 min Scan# 1078

Delta R.T. 0.010 min

Lab File: VV039187.D

Acq: 25 Sep 2025 17:25

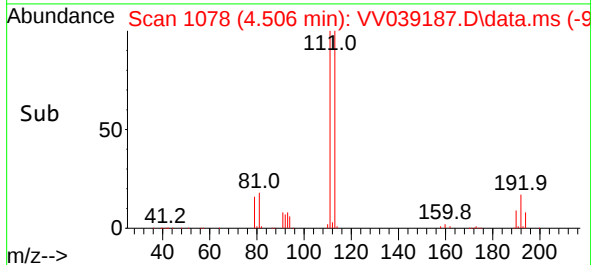
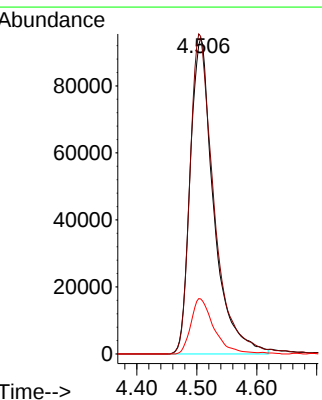
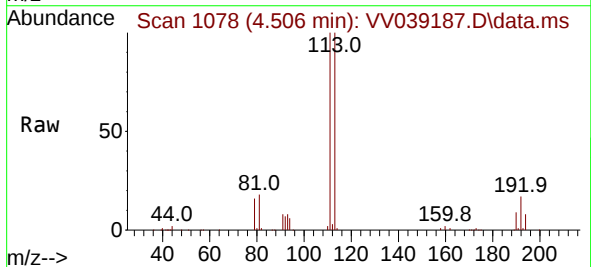
Tgt Ion:113 Resp: 257560

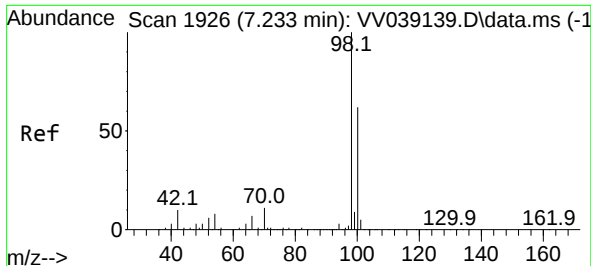
Ion Ratio Lower Upper

113 100

111 102.8 82.4 123.6

192 17.1 13.8 20.8

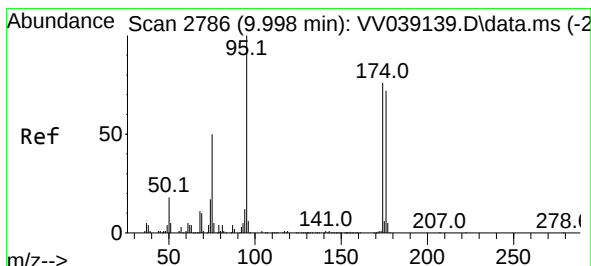
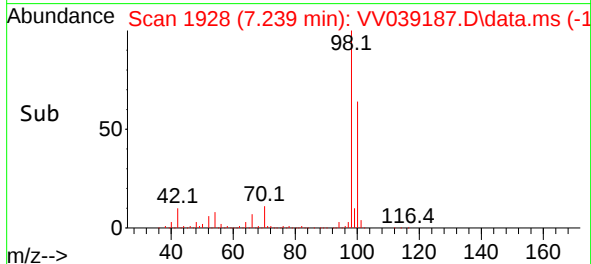
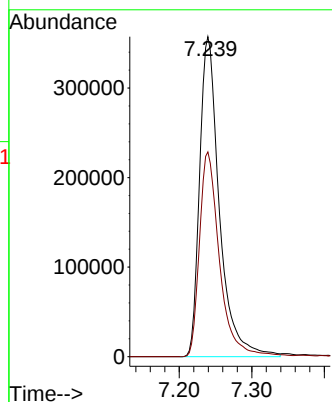
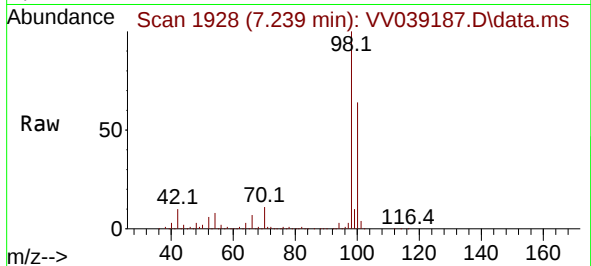




#50
Toluene-d8
Concen: 45.338 ug/l
RT: 7.239 min Scan# 1926
Delta R.T. 0.006 min
Lab File: VV039187.D
Acq: 25 Sep 2025 17:25

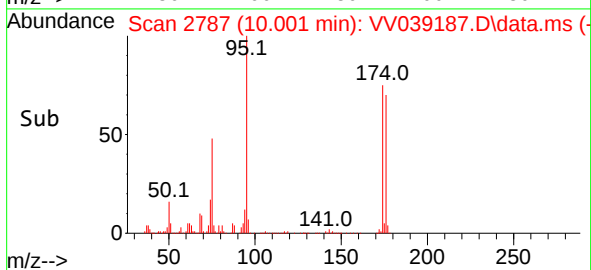
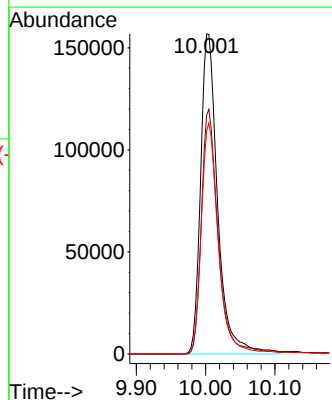
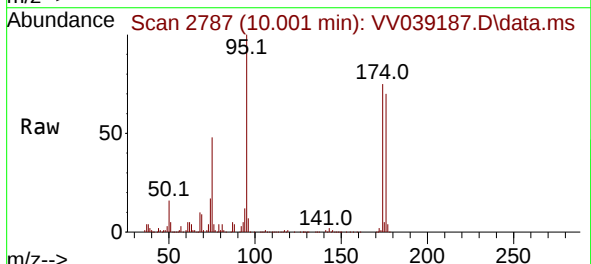
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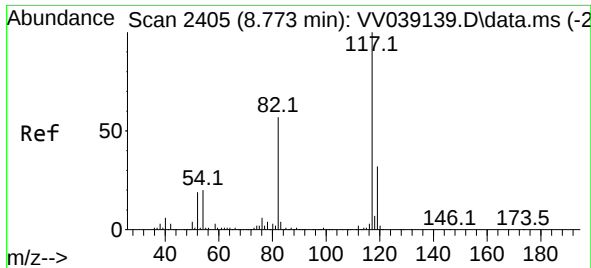
Tgt Ion: 98 Resp: 676812
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 43.678 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039187.D
Acq: 25 Sep 2025 17:25

Tgt Ion: 95 Resp: 268424
Ion Ratio Lower Upper
95 100
174 74.6 0.0 150.4
176 71.0 0.0 144.2

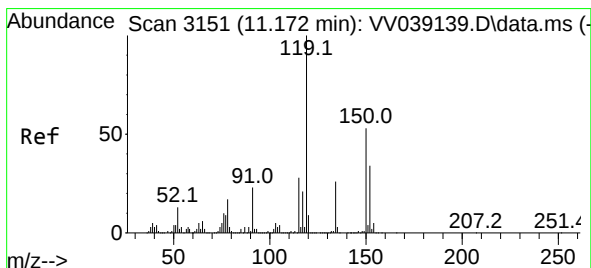
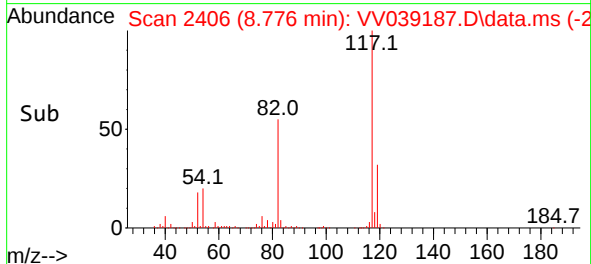
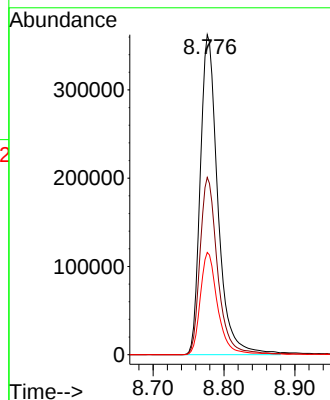
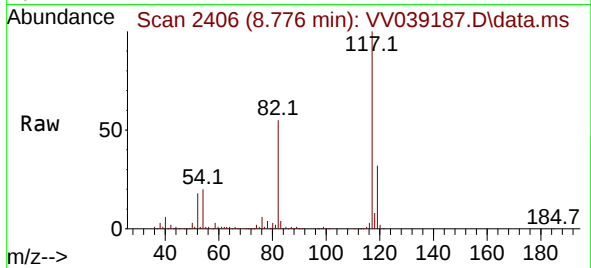




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV039187.D
Acq: 25 Sep 2025 17:25

Instrument :
MSVOA_V
ClientSampleId :
EB-01-091925

Tgt Ion:117 Resp: 624309
Ion Ratio Lower Upper
117 100
82 55.4 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: VV039187.D
Acq: 25 Sep 2025 17:25

Tgt Ion:152 Resp: 293380
Ion Ratio Lower Upper
152 100
115 61.8 44.8 134.4
150 155.7 0.0 353.8

