

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092525\
 Data File : VV039193.D
 Acq On : 25 Sep 2025 19:40
 Operator : SY/MD
 Sample : Q3195-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-22-091825

Quant Time: Sep 26 01:38:11 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)

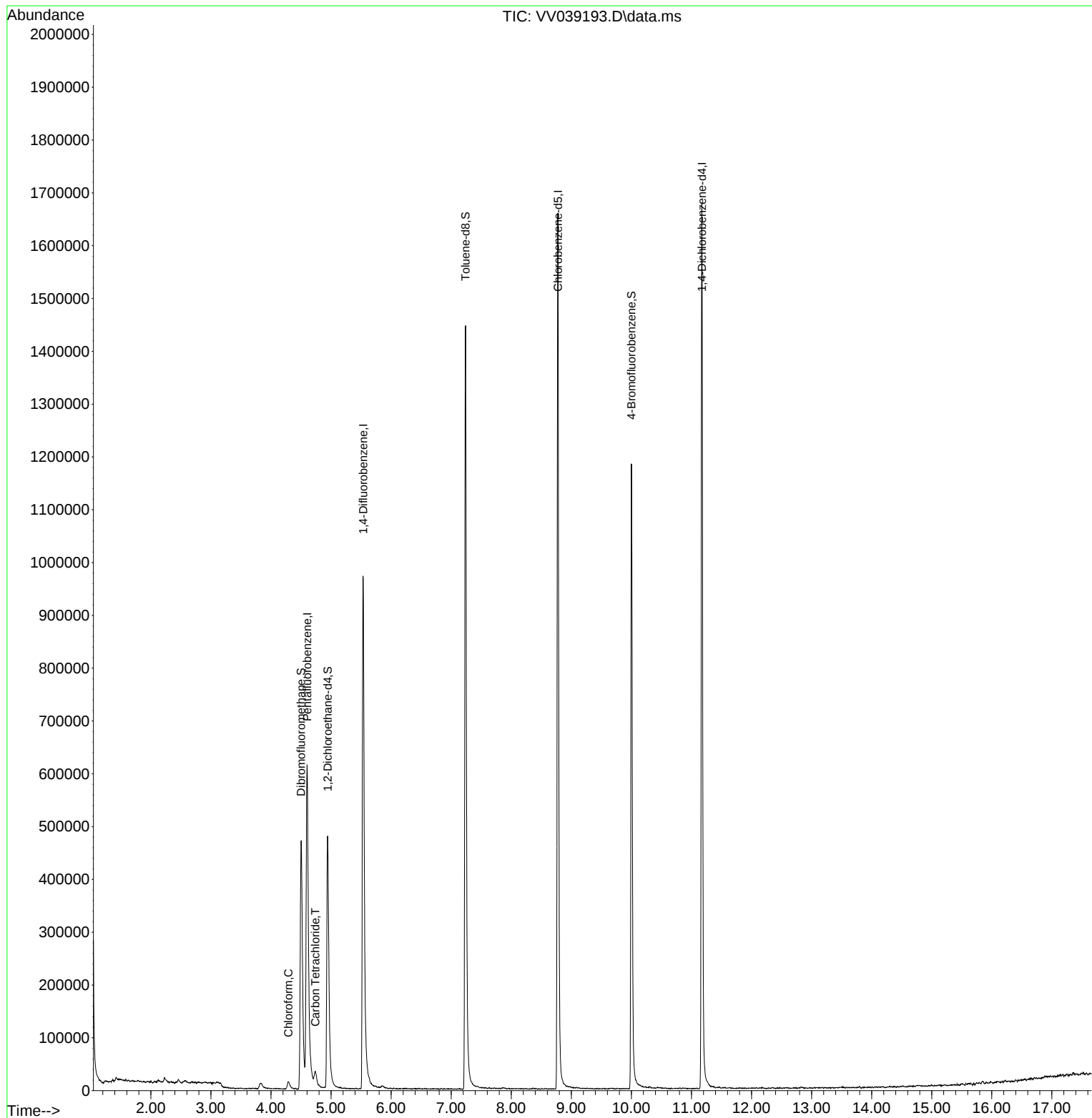
Internal Standards						
1) Pentafluorobenzene	4.603	168	525270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	956838	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	943207	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	451495	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	428579	56.376	ug/l	0.00
Spiked Amount 50.000	Range 81 - 118		Recovery = 112.760%			
35) Dibromofluoromethane	4.503	113	392109	50.975	ug/l	0.00
Spiked Amount 50.000	Range 80 - 119		Recovery = 101.940%			
50) Toluene-d8	7.239	98	1050090	46.480	ug/l	0.00
Spiked Amount 50.000	Range 89 - 112		Recovery = 92.960%			
62) 4-Bromofluorobenzene	10.001	95	412268	44.327	ug/l	0.00
Spiked Amount 50.000	Range 85 - 114		Recovery = 88.660%			
Target Compounds						Qvalue
30) Chloroform	4.291	83	16860	0.975	ug/l	100
38) Carbon Tetrachloride	4.738	117	24918m	1.753	ug/l	

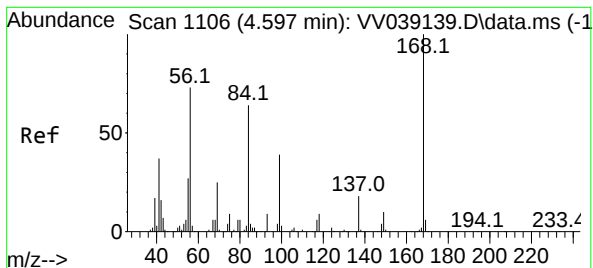
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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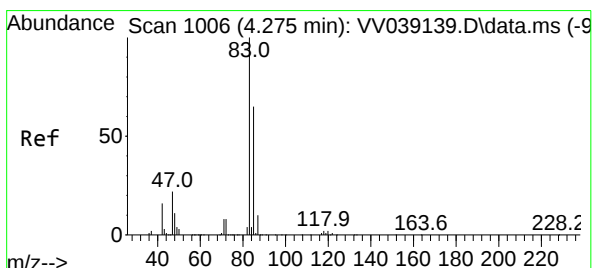
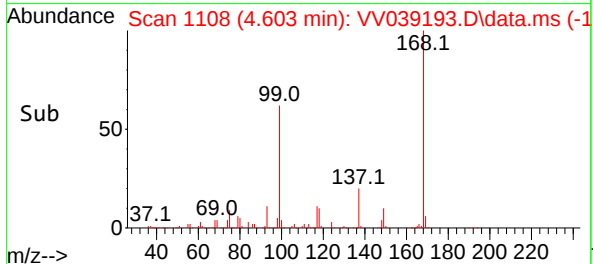
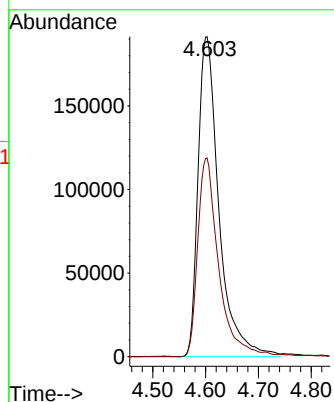
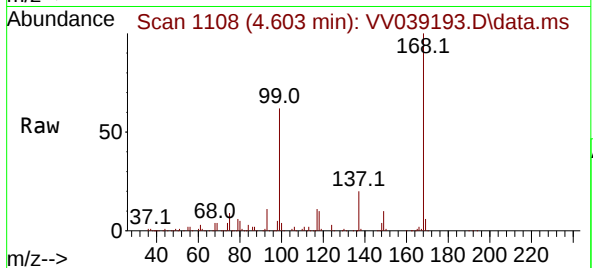




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.603 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VV039193.D
Acq: 25 Sep 2025 19:40

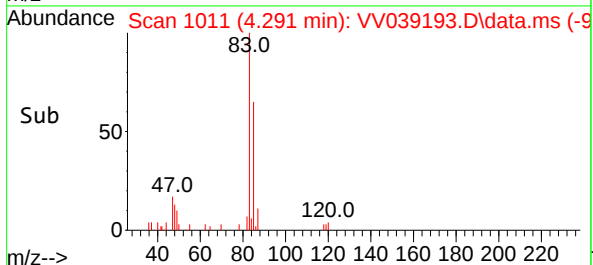
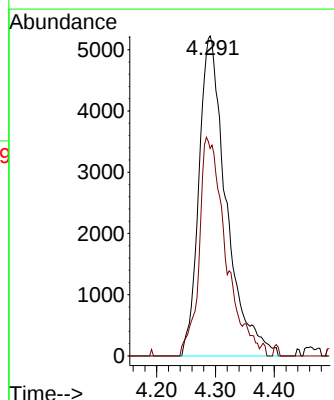
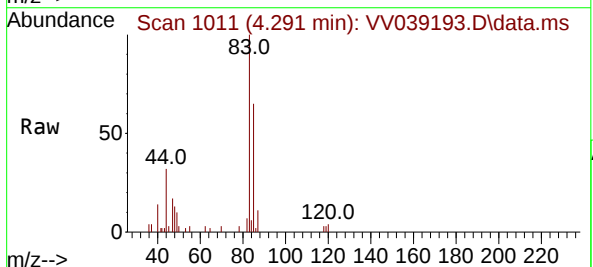
Instrument :
MSVOA_V
ClientSampleId :
MW-22-091825

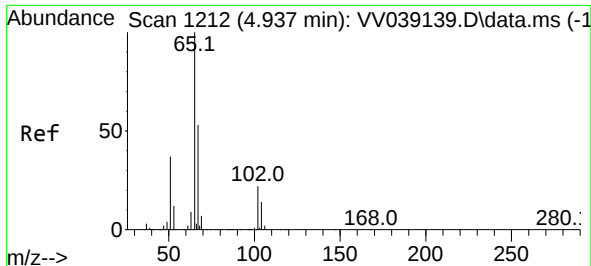
Tgt Ion:168 Resp: 525270
Ion Ratio Lower Upper
168 100
99 62.1 49.6 74.4



#30
Chloroform
Concen: 0.975 ug/l
RT: 4.291 min Scan# 1011
Delta R.T. 0.016 min
Lab File: VV039193.D
Acq: 25 Sep 2025 19:40

Tgt Ion: 83 Resp: 16860
Ion Ratio Lower Upper
83 100
85 64.9 52.1 78.1

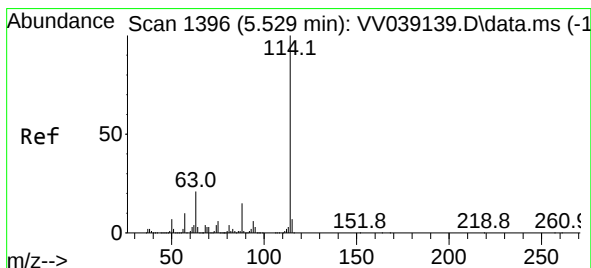
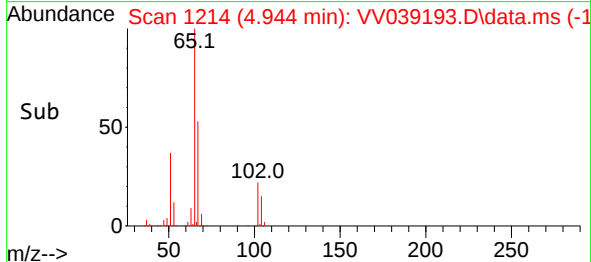
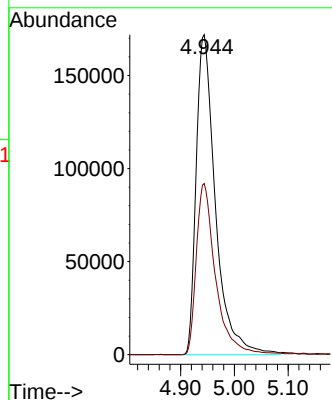
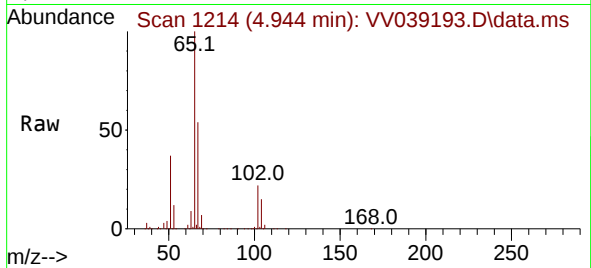




#33
1,2-Dichloroethane-d4
Concen: 56.376 ug/l
RT: 4.944 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VV039193.D
Acq: 25 Sep 2025 19:40

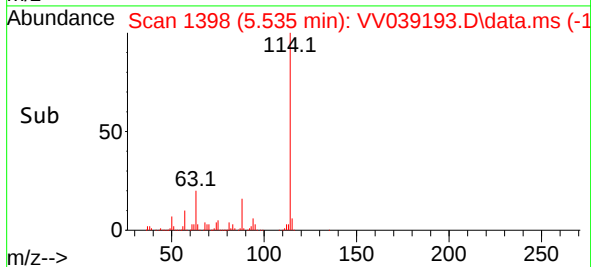
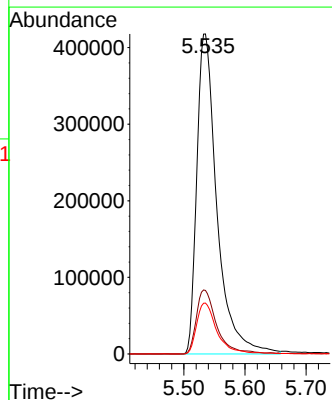
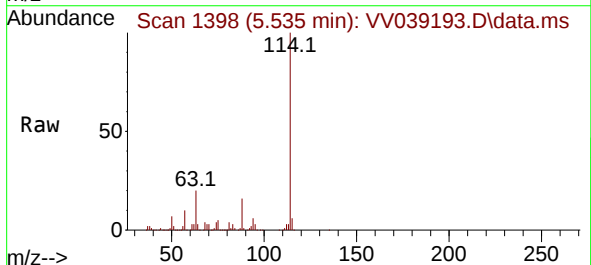
Instrument :
MSVOA_V
ClientSampleId :
MW-22-091825

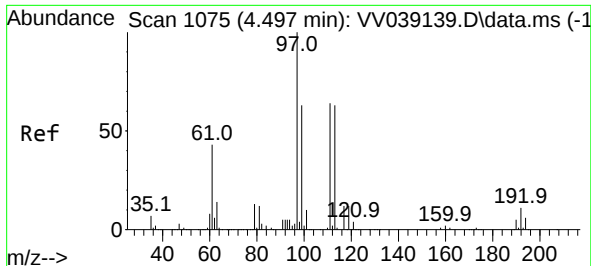
Tgt Ion: 65 Resp: 428579
Ion Ratio Lower Upper
65 100
67 53.5 0.0 107.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.535 min Scan# 1398
Delta R.T. 0.006 min
Lab File: VV039193.D
Acq: 25 Sep 2025 19:40

Tgt Ion: 114 Resp: 956838
Ion Ratio Lower Upper
114 100
63 19.8 0.0 42.6
88 15.9 0.0 30.8

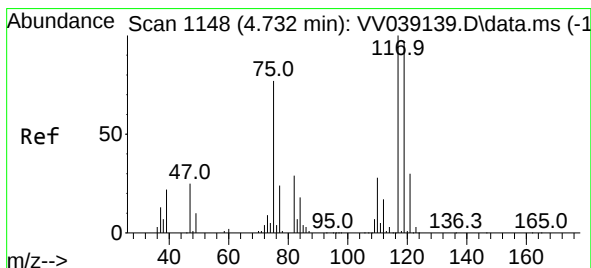
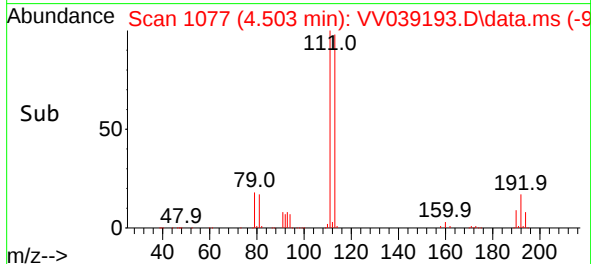
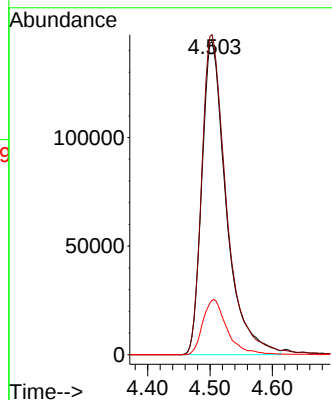
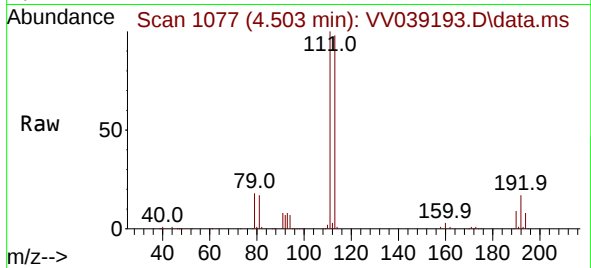




#35
Dibromofluoromethane
Concen: 50.975 ug/l
RT: 4.503 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VV039193.D
Acq: 25 Sep 2025 19:40

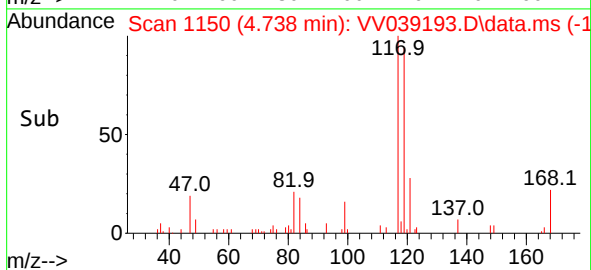
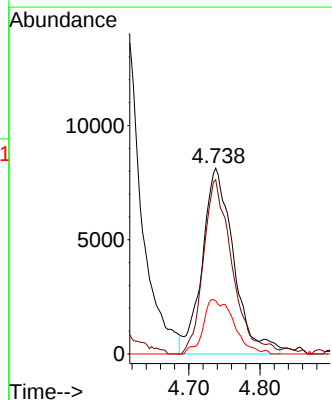
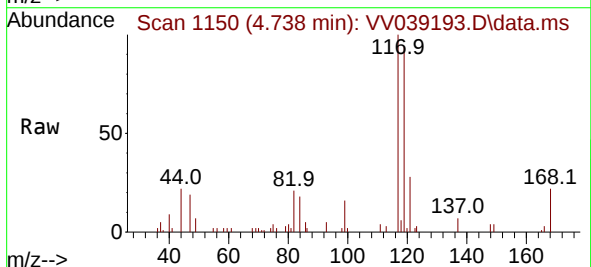
Instrument :
MSVOA_V
ClientSampleId :
MW-22-091825

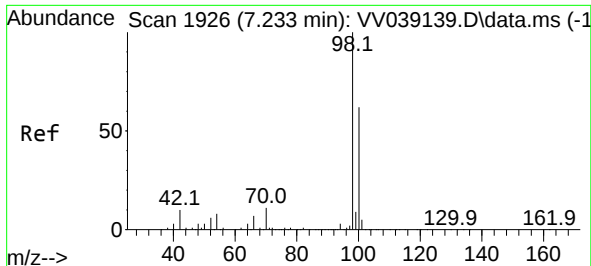
Tgt Ion:113 Resp: 392109
Ion Ratio Lower Upper
113 100
111 103.5 82.4 123.6
192 17.6 13.8 20.8



#38
Carbon Tetrachloride
Concen: 1.753 ug/l m
RT: 4.738 min Scan# 1150
Delta R.T. 0.006 min
Lab File: VV039193.D
Acq: 25 Sep 2025 19:40

Tgt Ion:117 Resp: 24918
Ion Ratio Lower Upper
117 100
119 93.7 77.2 115.8
121 28.5 24.2 36.2





#50

Toluene-d8

Concen: 46.480 ug/l

RT: 7.239 min Scan# 1926

Delta R.T. 0.006 min

Lab File: VV039193.D

Acq: 25 Sep 2025 19:40

Instrument :

MSVOA_V

ClientSampleId :

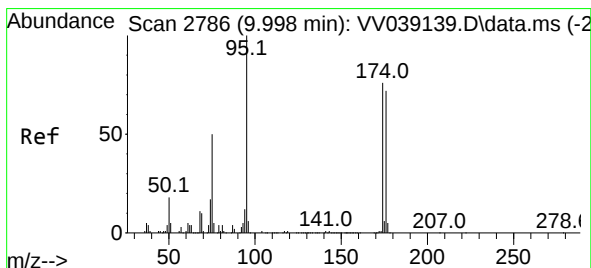
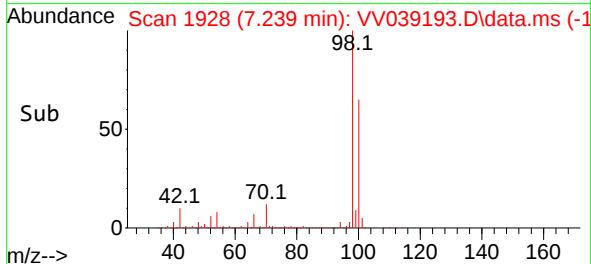
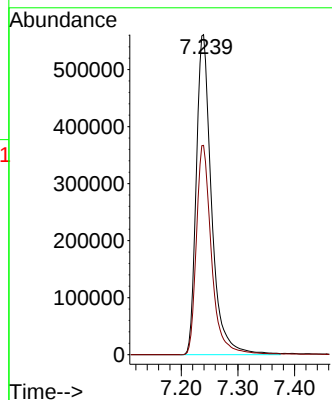
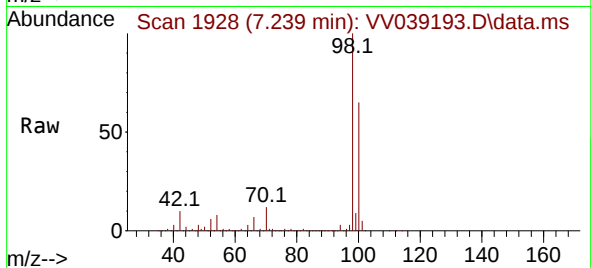
MW-22-091825

Tgt Ion: 98 Resp: 1050090

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 44.327 ug/l

RT: 10.001 min Scan# 2787

Delta R.T. 0.003 min

Lab File: VV039193.D

Acq: 25 Sep 2025 19:40

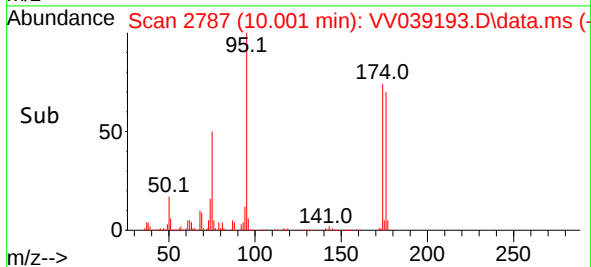
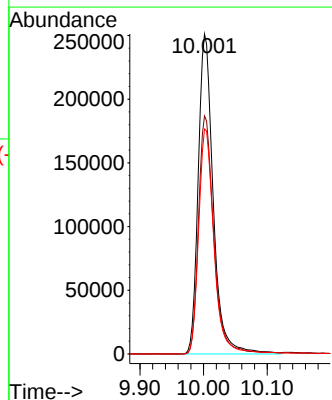
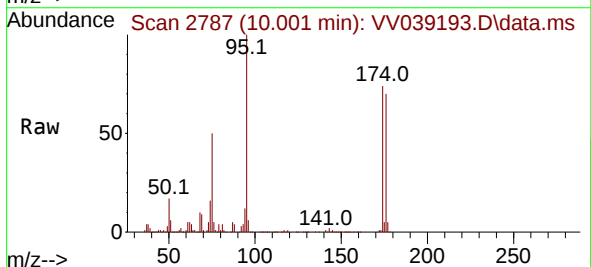
Tgt Ion: 95 Resp: 412268

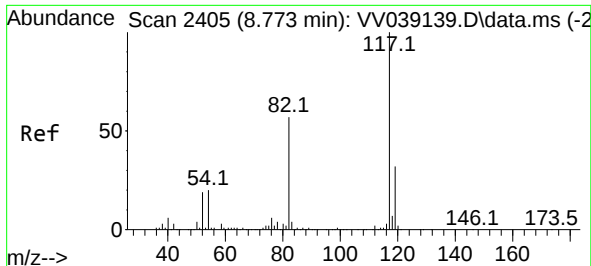
Ion Ratio Lower Upper

95 100

174 75.6 0.0 150.4

176 71.3 0.0 144.2

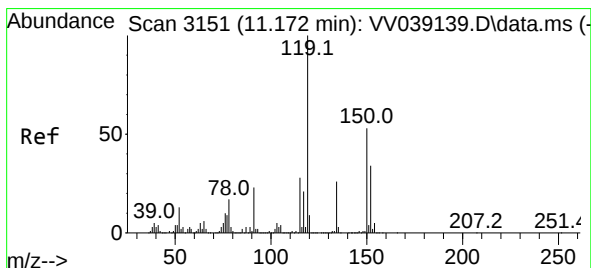
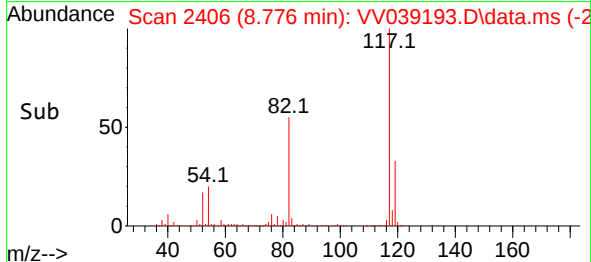
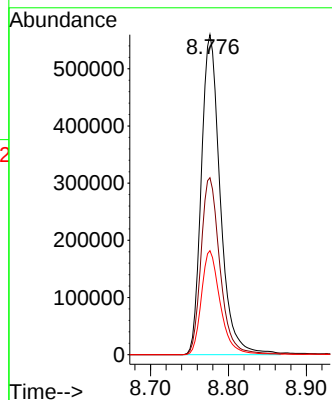
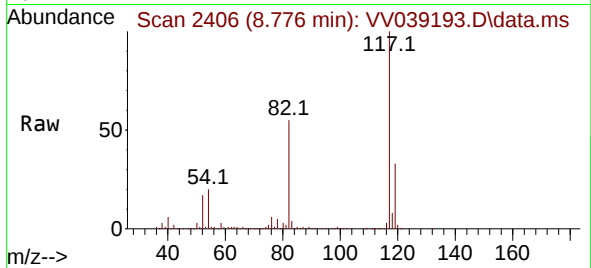




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.003 min
Lab File: VV039193.D
Acq: 25 Sep 2025 19:40

Instrument :
MSVOA_V
ClientSampleId :
MW-22-091825

Tgt Ion:117 Resp: 943207
Ion Ratio Lower Upper
117 100
82 55.3 45.4 68.2
119 32.5 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: VV039193.D
Acq: 25 Sep 2025 19:40

Tgt Ion:152 Resp: 451495
Ion Ratio Lower Upper
152 100
115 61.9 44.8 134.4
150 157.3 0.0 353.8

