

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092625\
 Data File : VV039204.D
 Acq On : 26 Sep 2025 11:58
 Operator : SY/MD
 Sample : Q3195-12
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-26-091925

Quant Time: Sep 27 02:53:15 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)

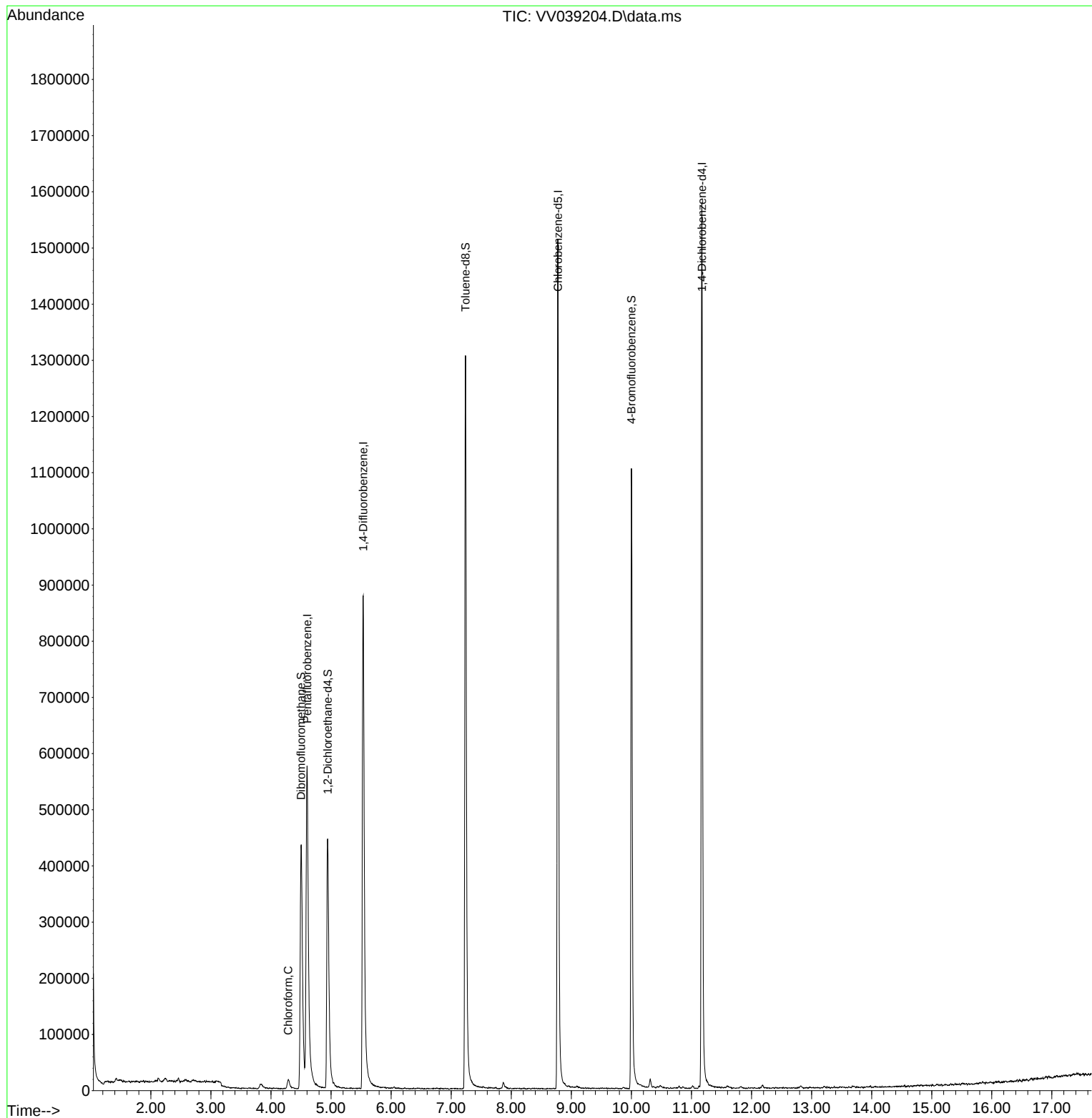
Internal Standards						
1) Pentafluorobenzene	4.603	168	486629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	867427	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.777	117	873266	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	420754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	394452	56.006	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	112.020%
35) Dibromofluoromethane	4.503	113	367761	52.738	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	105.480%
50) Toluene-d8	7.240	98	962872	47.013	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	94.020%
62) 4-Bromofluorobenzene	10.002	95	378432	44.883	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	89.760%
Target Compounds						
30) Chloroform	4.288	83	18760	1.172	ug/l	Qvalue 96

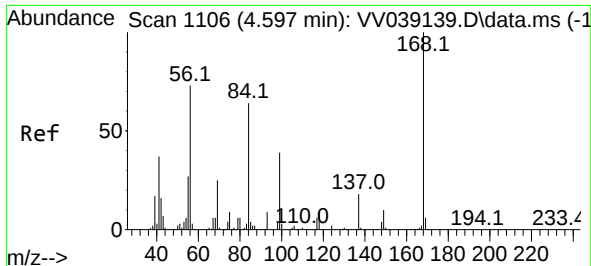
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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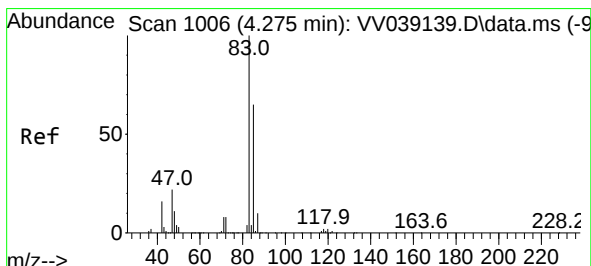
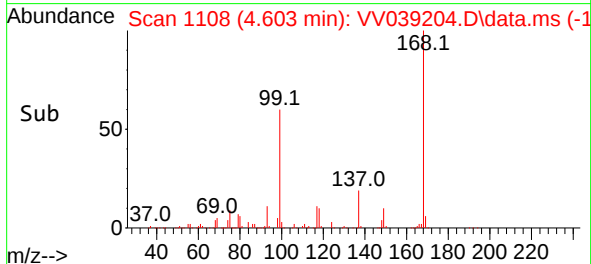
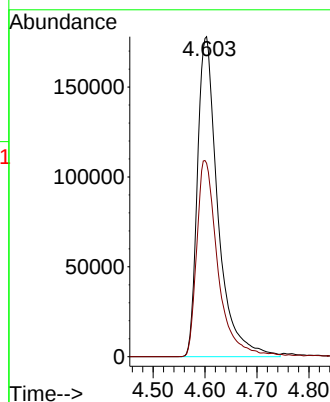
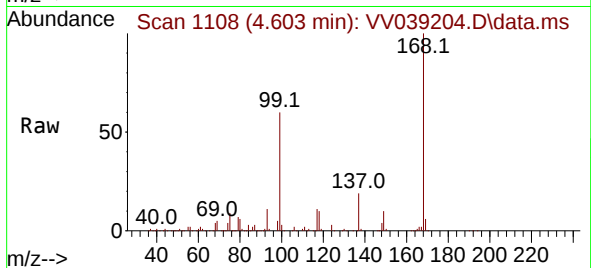




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.603 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VV039204.D
Acq: 26 Sep 2025 11:58

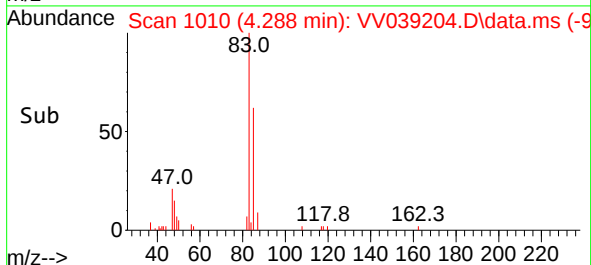
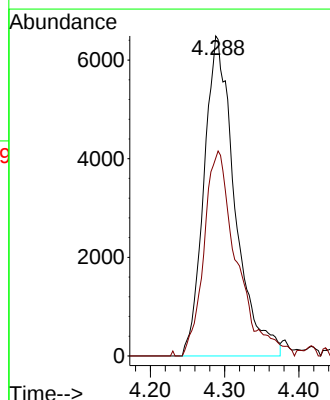
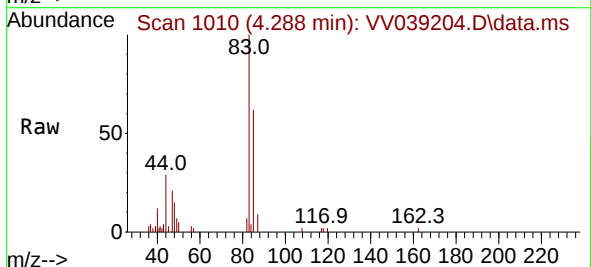
Instrument :
MSVOA_V
ClientSampleId :
MW-26-091925

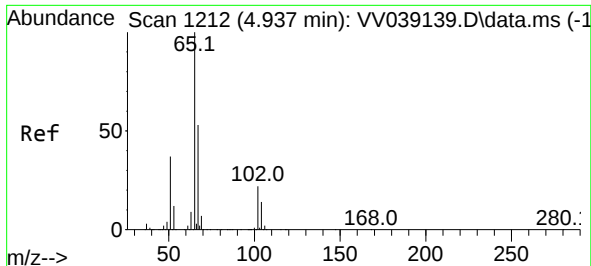
Tgt Ion:168 Resp: 486629
Ion Ratio Lower Upper
168 100
99 60.4 49.6 74.4



#30
Chloroform
Concen: 1.172 ug/l
RT: 4.288 min Scan# 1010
Delta R.T. 0.013 min
Lab File: VV039204.D
Acq: 26 Sep 2025 11:58

Tgt Ion: 83 Resp: 18760
Ion Ratio Lower Upper
83 100
85 61.8 52.1 78.1

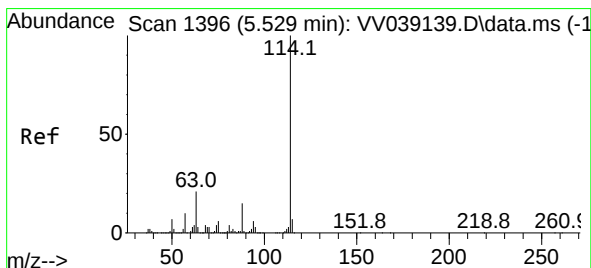
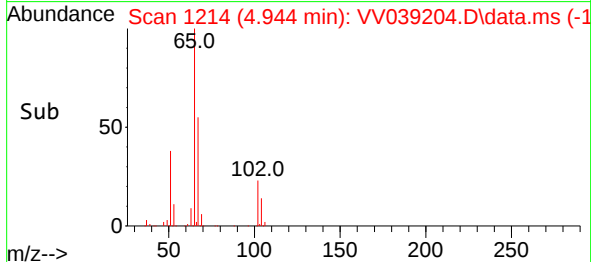
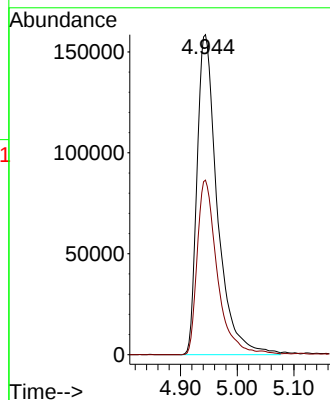
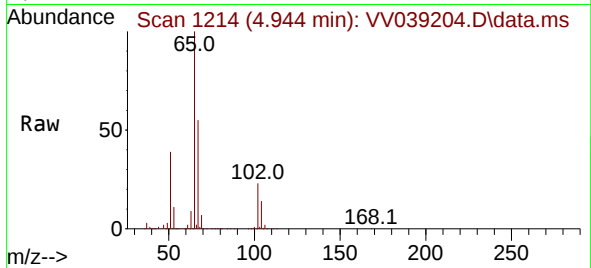




#33
 1,2-Dichloroethane-d4
 Concen: 56.006 ug/l
 RT: 4.944 min Scan# 11
 Delta R.T. 0.007 min
 Lab File: VV039204.D
 Acq: 26 Sep 2025 11:58

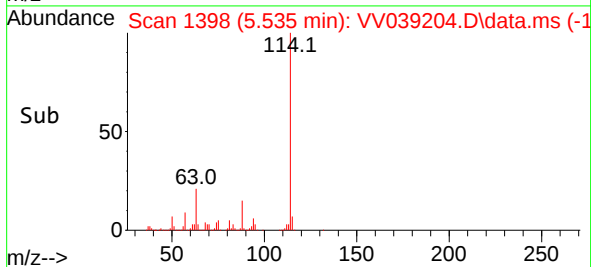
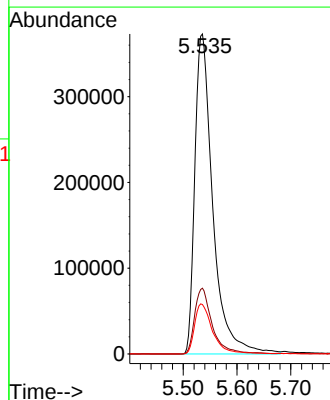
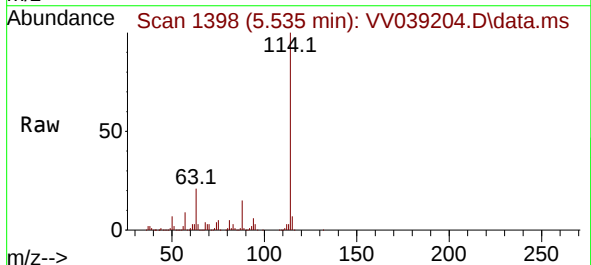
Instrument :
 MSVOA_V
 ClientSampleId :
 MW-26-091925

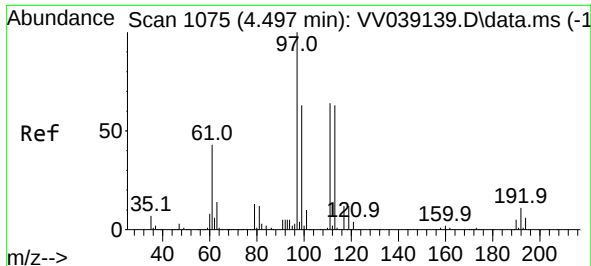
Tgt Ion: 65 Resp: 394452
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.535 min Scan# 1398
 Delta R.T. 0.006 min
 Lab File: VV039204.D
 Acq: 26 Sep 2025 11:58

Tgt Ion: 114 Resp: 867427
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.6
 88 15.4 0.0 30.8

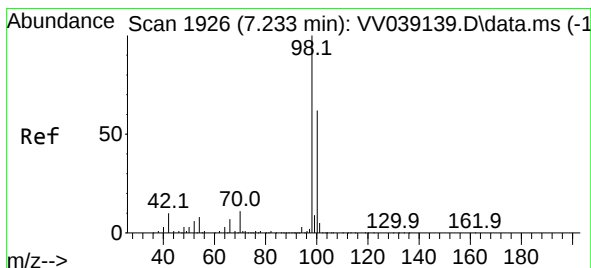
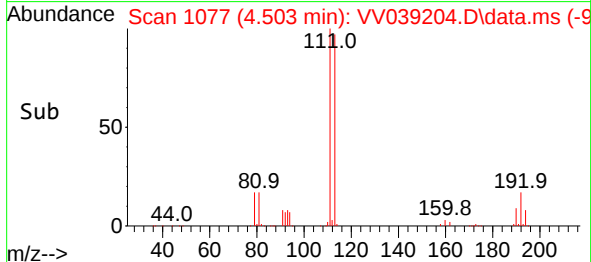
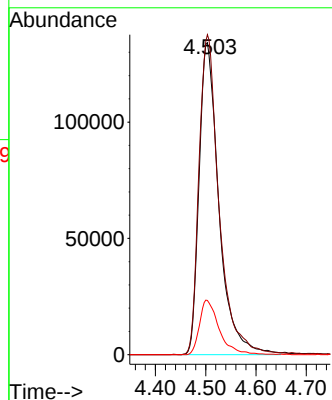
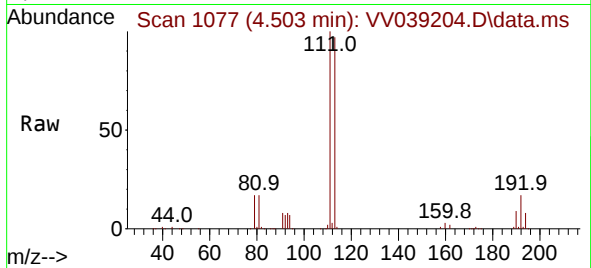




#35
Dibromofluoromethane
Concen: 52.738 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. 0.007 min
Lab File: VV039204.D
Acq: 26 Sep 2025 11:58

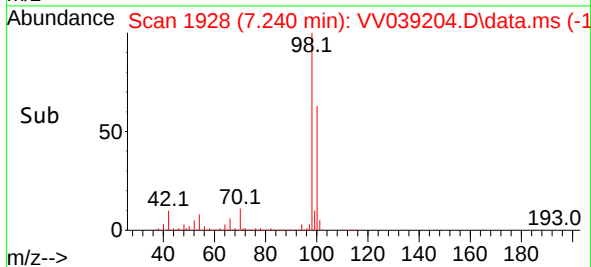
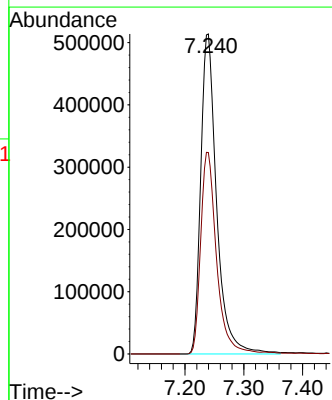
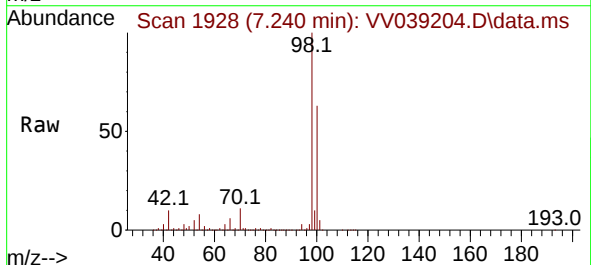
Instrument :
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ClientSampleId :
MW-26-091925

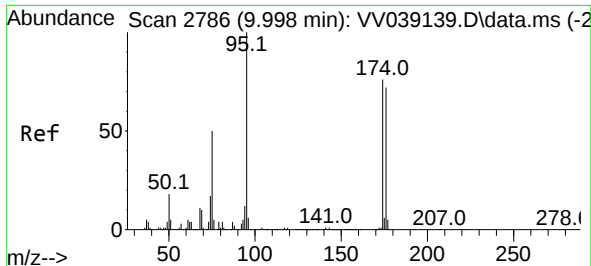
Tgt Ion:113 Resp: 367761
Ion Ratio Lower Upper
113 100
111 103.7 82.4 123.6
192 17.3 13.8 20.8



#50
Toluene-d8
Concen: 47.013 ug/l
RT: 7.240 min Scan# 1928
Delta R.T. 0.007 min
Lab File: VV039204.D
Acq: 26 Sep 2025 11:58

Tgt Ion: 98 Resp: 962872
Ion Ratio Lower Upper
98 100
100 62.7 52.2 78.2

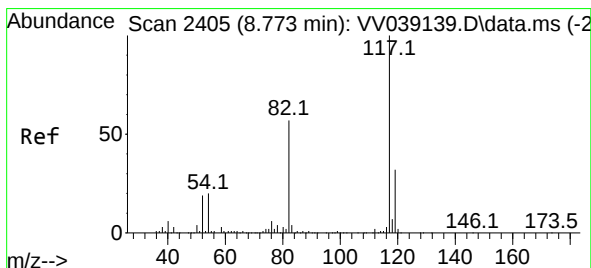
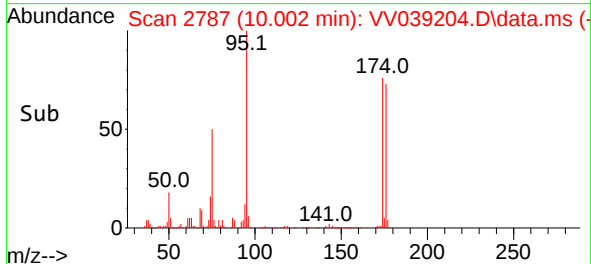
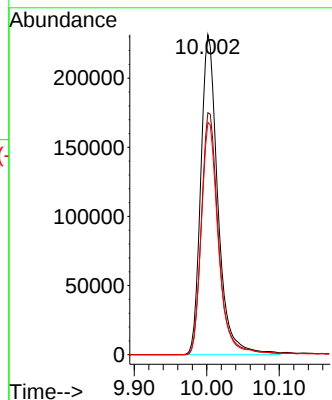
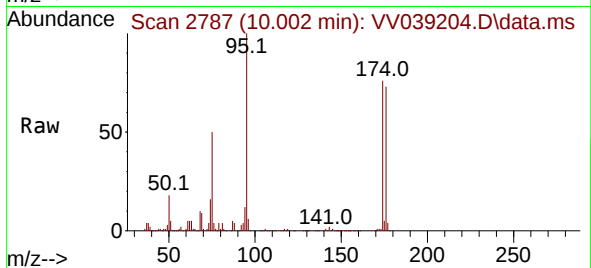




#62
4-Bromofluorobenzene
Concen: 44.883 ug/l
RT: 10.002 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039204.D
Acq: 26 Sep 2025 11:58

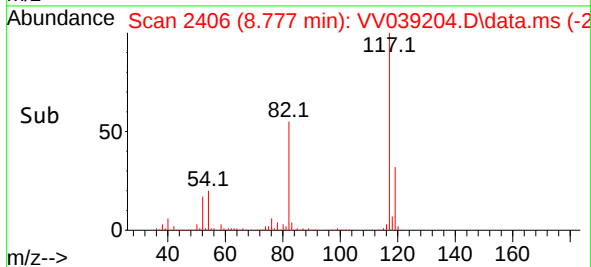
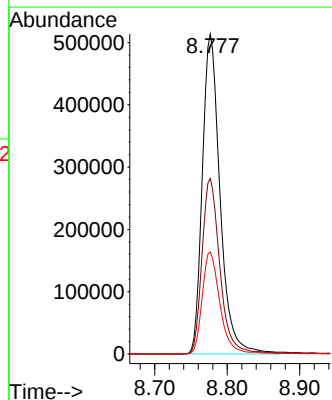
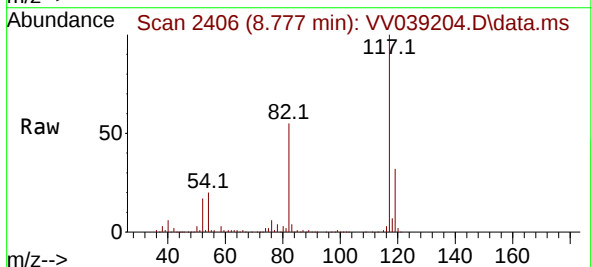
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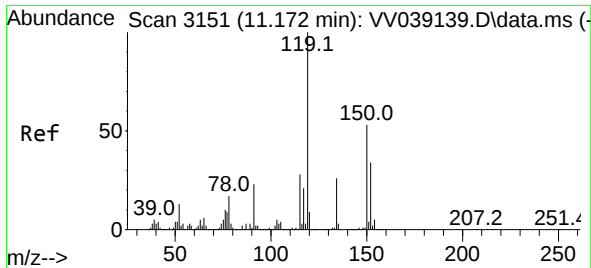
Tgt Ion: 95 Resp: 378432
Ion Ratio Lower Upper
95 100
174 75.9 0.0 150.4
176 73.0 0.0 144.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.777 min Scan# 2406
Delta R.T. 0.004 min
Lab File: VV039204.D
Acq: 26 Sep 2025 11:58

Tgt Ion: 117 Resp: 873266
Ion Ratio Lower Upper
117 100
82 54.8 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# 31
 Delta R.T. 0.003 min
 Lab File: VV039204.D
 Acq: 26 Sep 2025 11:58

Instrument :
 MSVOA_V
 ClientSampleId :
 MW-26-091925

Tgt Ion:152 Resp: 420754
 Ion Ratio Lower Upper
 152 100
 115 61.0 44.8 134.4
 150 157.7 0.0 353.8

