

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061725\
 Data File : VN087068.D
 Acq On : 17 Jun 2025 18:17
 Operator : JC\MD
 Sample : Q2329-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BPOW6-7-20250613

Quant Time: Jun 18 01:52:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

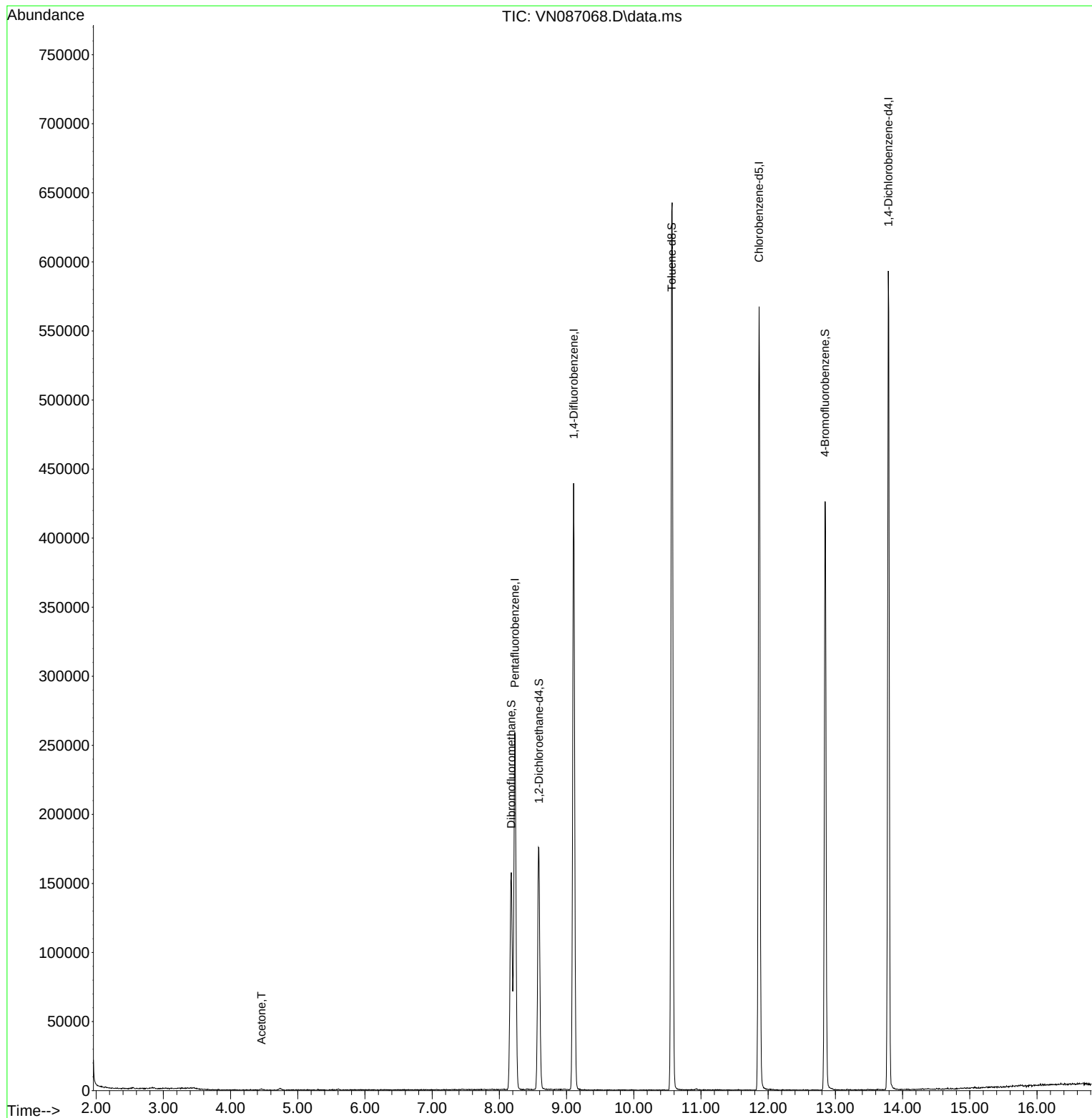
Internal Standards						
1) Pentafluorobenzene	8.229	168	202684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	406226	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	361194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	175252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	144194	53.135	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	106.280%	
35) Dibromofluoromethane	8.177	113	122201	50.761	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	101.520%	
50) Toluene-d8	10.565	98	493319	51.764	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	103.520%	
62) 4-Bromofluorobenzene	12.847	95	173572	49.021	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	98.040%	
Target Compounds						
16) Acetone	4.459	43	1601	1.112	ug/l	Qvalue 98

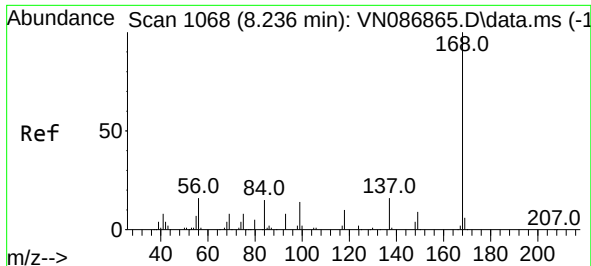
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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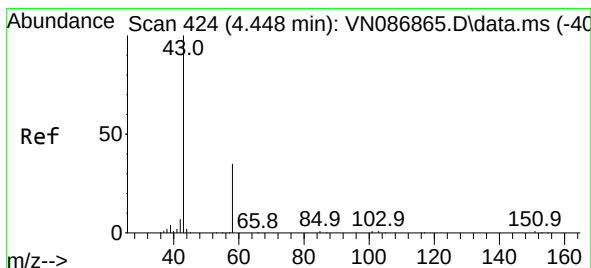
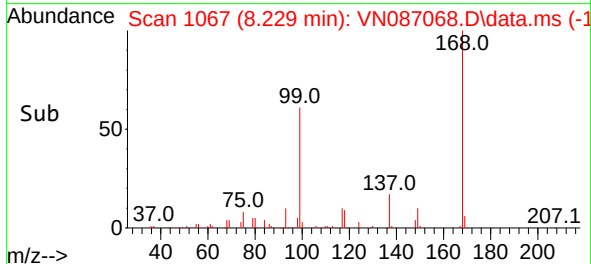
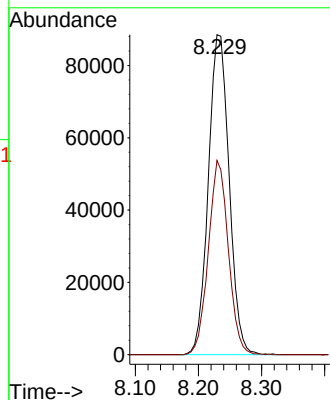
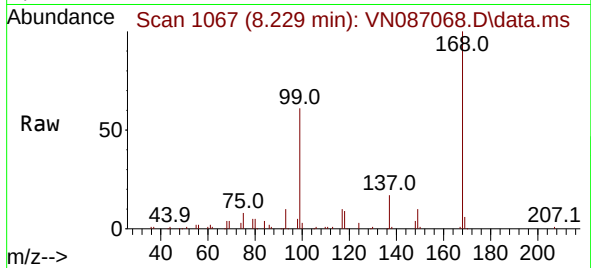




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.007 min
Lab File: VN087068.D
Acq: 17 Jun 2025 18:17

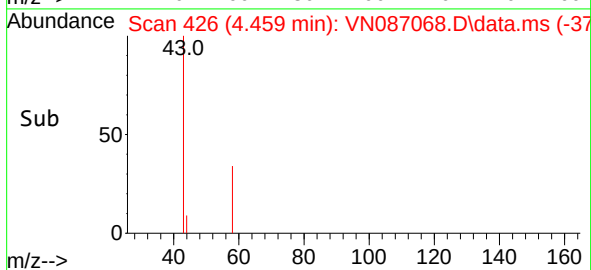
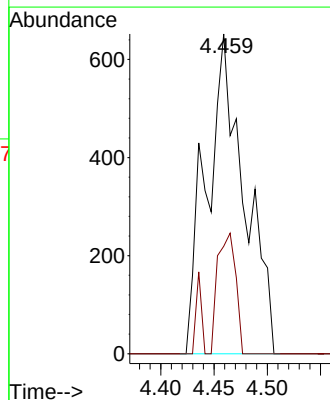
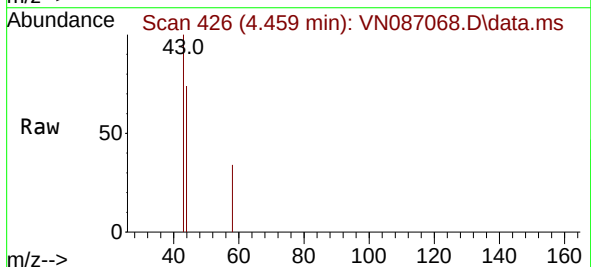
Instrument :
MSVOA_N
ClientSampleId :
BPOW6-7-20250613

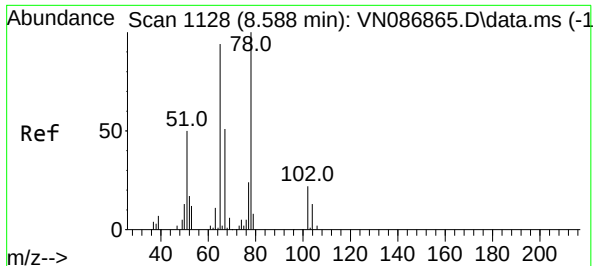
Tgt Ion:168 Resp: 202684
Ion Ratio Lower Upper
168 100
99 60.7 49.1 73.7



#16
Acetone
Concen: 1.112 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.012 min
Lab File: VN087068.D
Acq: 17 Jun 2025 18:17

Tgt Ion: 43 Resp: 1601
Ion Ratio Lower Upper
43 100
58 33.6 28.0 42.0





#33

1,2-Dichloroethane-d4

Concen: 53.135 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN087068.D

Acq: 17 Jun 2025 18:17

Instrument :

MSVOA_N

ClientSampleId :

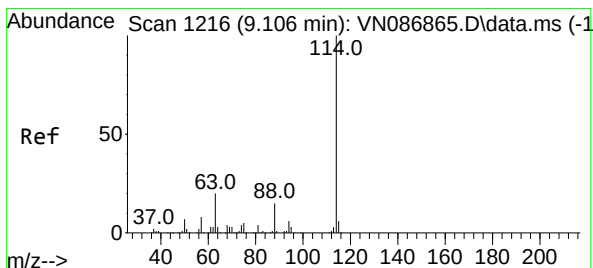
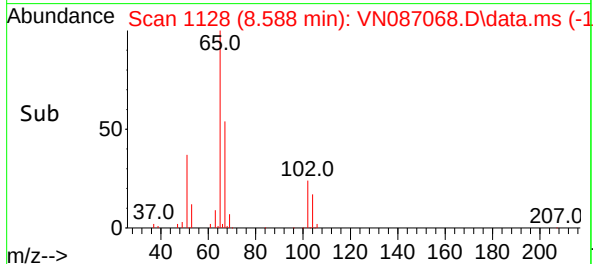
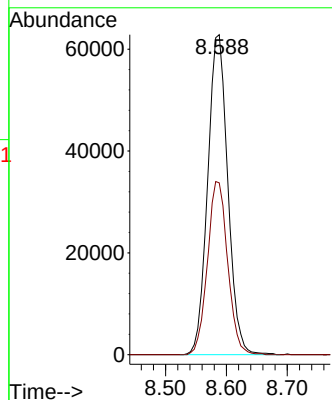
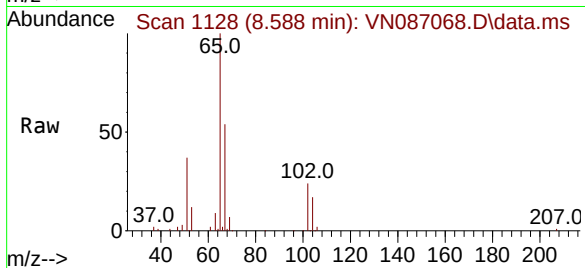
BPOW6-7-20250613

Tgt Ion: 65 Resp: 144194

Ion Ratio Lower Upper

65 100

67 54.3 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087068.D

Acq: 17 Jun 2025 18:17

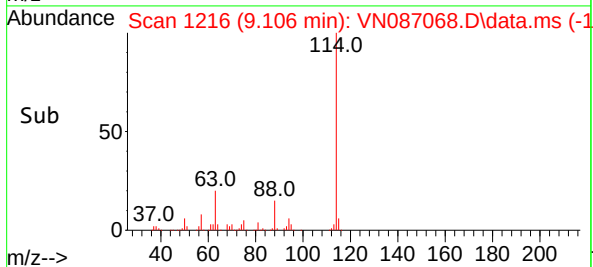
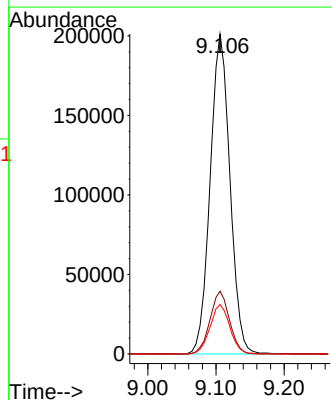
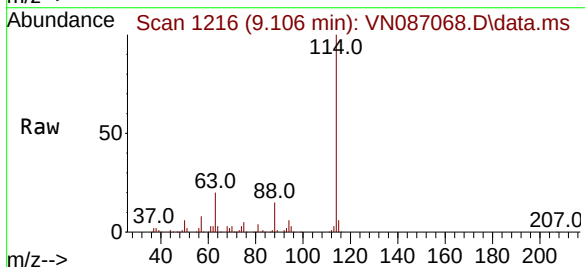
Tgt Ion: 114 Resp: 406226

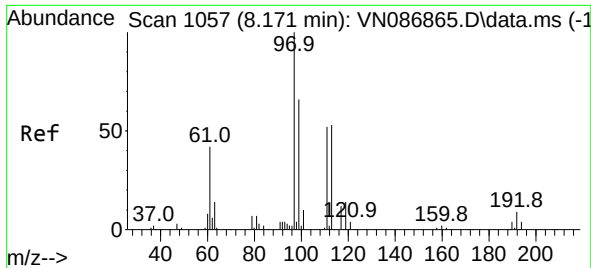
Ion Ratio Lower Upper

114 100

63 19.6 0.0 39.6

88 15.5 0.0 30.2

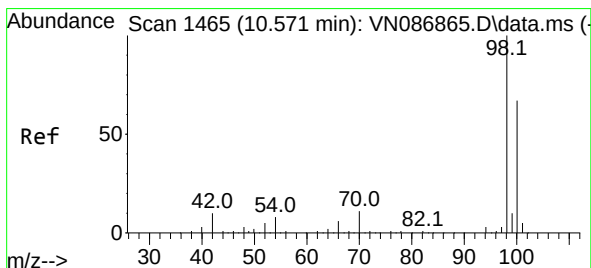
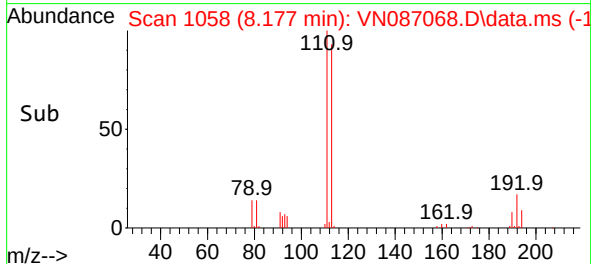
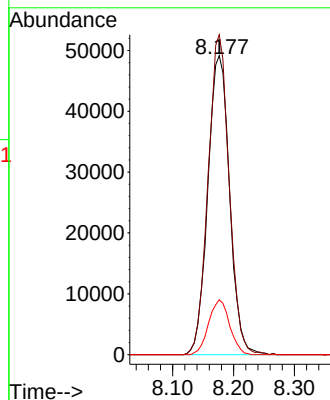
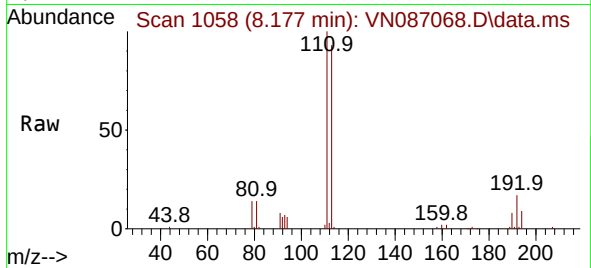




#35
Dibromofluoromethane
Concen: 50.761 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN087068.D
Acq: 17 Jun 2025 18:17

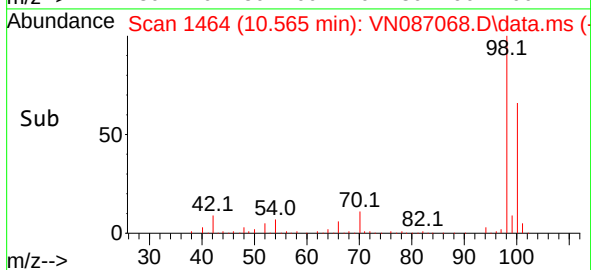
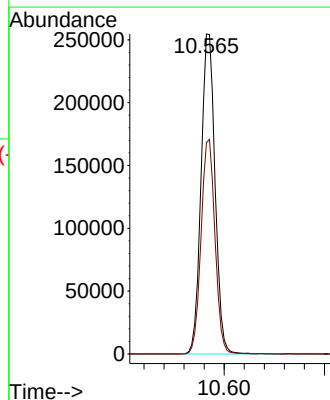
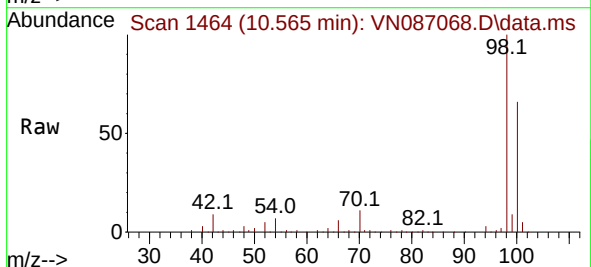
Instrument :
MSVOA_N
ClientSampleId :
BPOW6-7-20250613

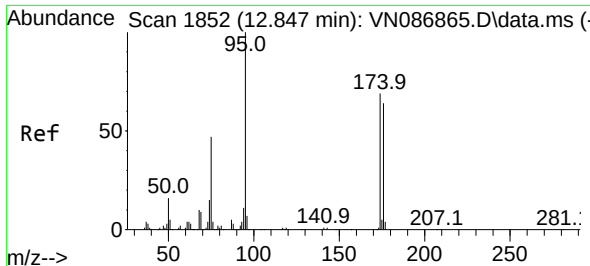
Tgt Ion:113 Resp: 122201
Ion Ratio Lower Upper
113 100
111 103.4 84.2 126.2
192 17.6 14.2 21.4



#50
Toluene-d8
Concen: 51.764 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN087068.D
Acq: 17 Jun 2025 18:17

Tgt Ion: 98 Resp: 493319
Ion Ratio Lower Upper
98 100
100 66.7 53.4 80.0

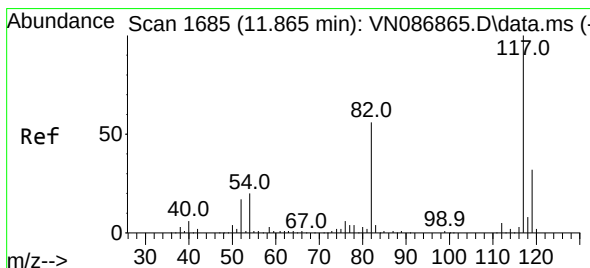
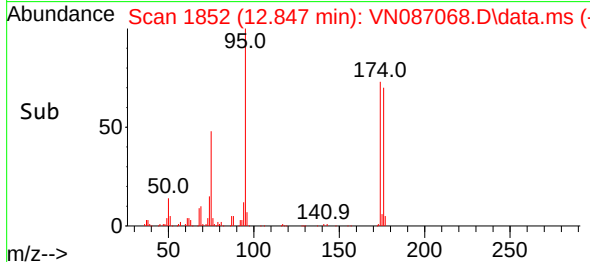
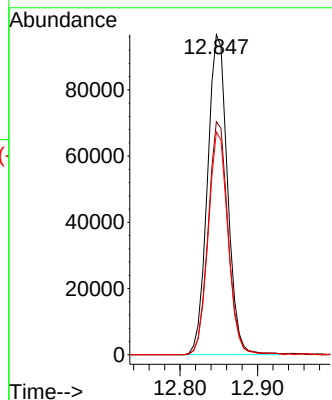
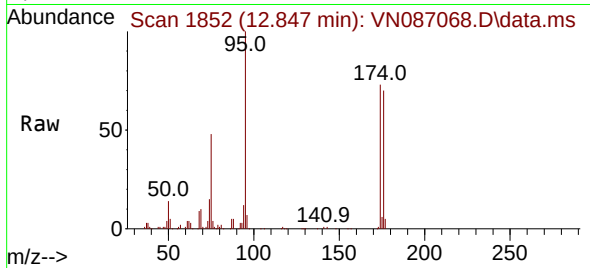




#62
4-Bromofluorobenzene
Concen: 49.021 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087068.D
Acq: 17 Jun 2025 18:17

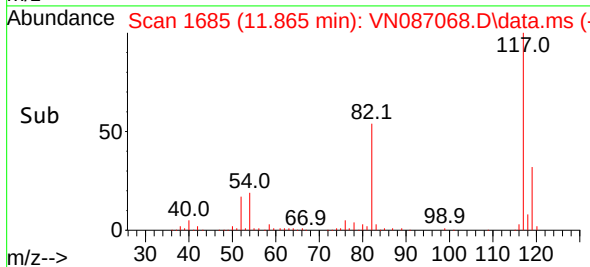
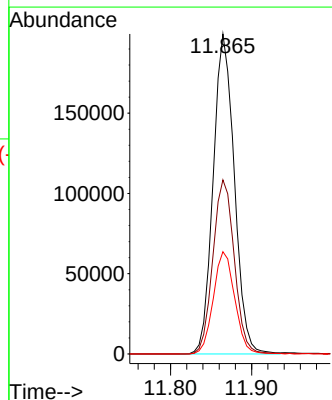
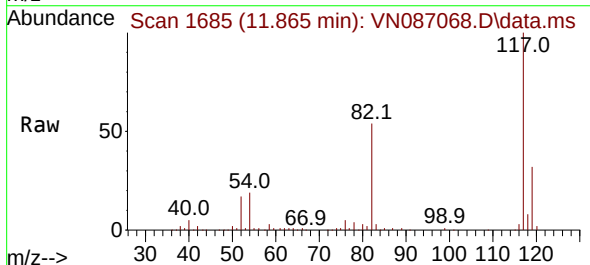
Instrument :
MSVOA_N
ClientSampleId :
BPOW6-7-20250613

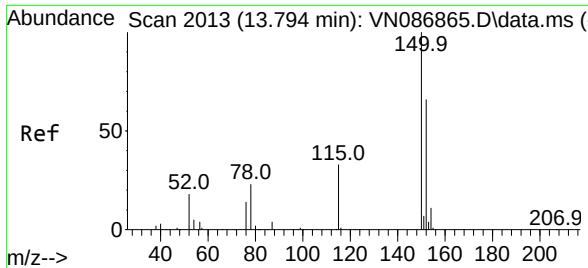
Tgt Ion: 95 Resp: 173572
Ion Ratio Lower Upper
95 100
174 72.4 0.0 141.8
176 68.8 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087068.D
Acq: 17 Jun 2025 18:17

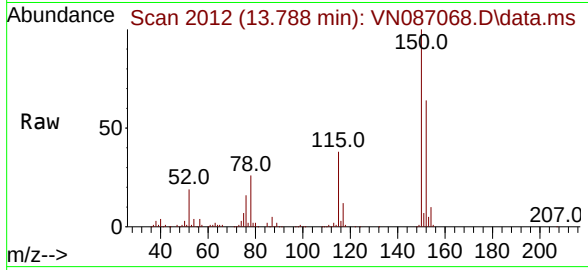
Tgt Ion: 117 Resp: 361194
Ion Ratio Lower Upper
117 100
82 54.4 44.6 67.0
119 32.0 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN087068.D
 Acq: 17 Jun 2025 18:17

Instrument :
 MSVOA_N
 ClientSampleId :
 BPOW6-7-20250613



Tgt Ion:152 Resp: 175252
 Ion Ratio Lower Upper
 152 100
 115 58.8 30.1 90.5
 150 156.5 0.0 345.0

