

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)

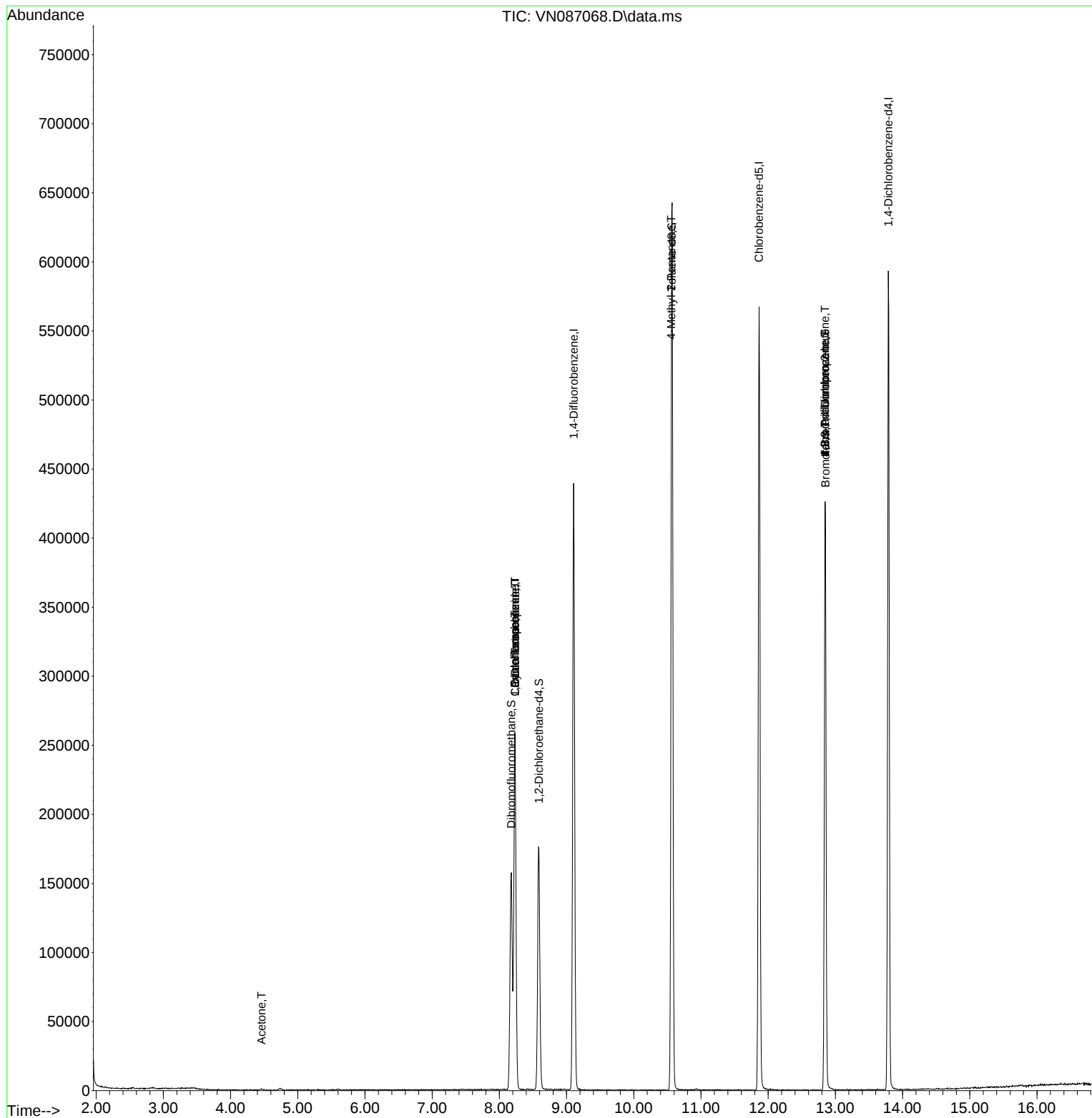
Internal Standards						
1) Pentafluorobenzene	8.229	168	202684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	406226	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	361194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	175252	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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					Qvalue	
16) Acetone	4.459	43	1601	1.112	ug/l	98
31) Cyclohexane	8.229	56	3641	0.827	ug/l #	1
36) 1,1-Dichloropropene	8.235	75	15299	4.265	ug/l #	47
38) Carbon Tetrachloride	8.235	117	19658	5.582	ug/l #	16
51) 4-Methyl-2-Pentanone	10.559	43	1602	0.363	ug/l #	1
71) Bromoform	12.853	173	951	0.501	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	80810	19.398	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	80810	44.654	ug/l #	16

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

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MSVOA_N
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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

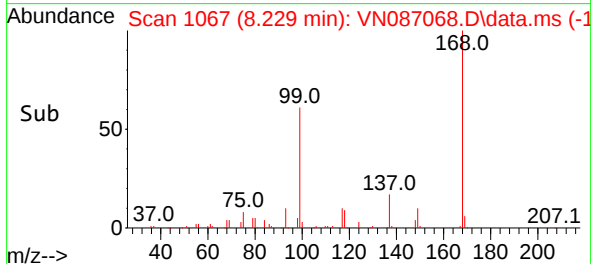
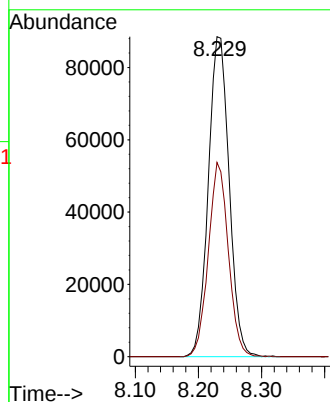
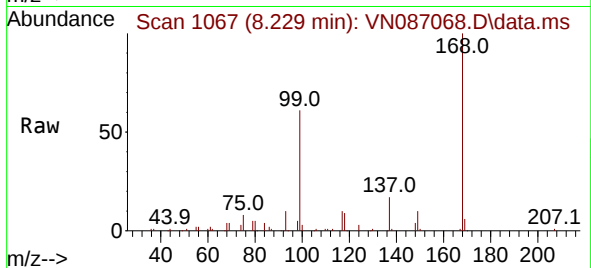




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1
Delta R.T. -0.007 min
Lab File: VN087068.D
Acq: 17 Jun 2025 18:17

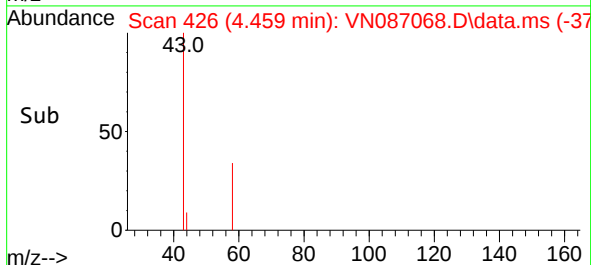
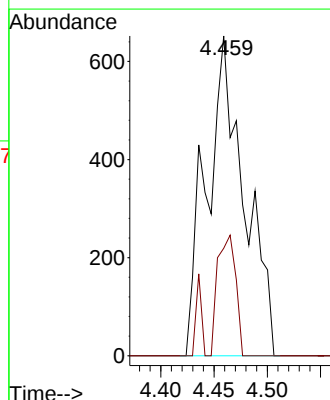
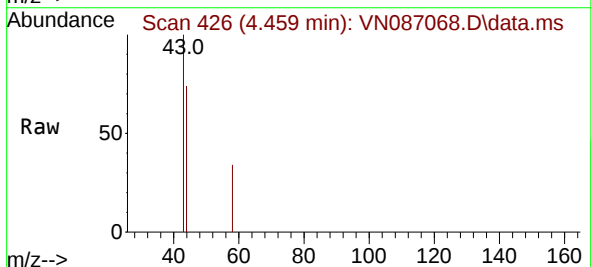
Instrument :
MSVOA_N
ClientSampleId :
BPOW6-7-20250613

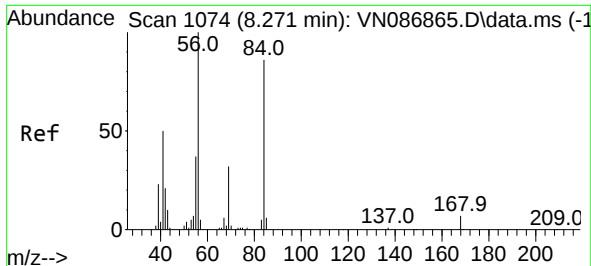
Tgt Ion:168 Resp: 202684
Ion Ratio Lower Upper
168 100
99 60.7 49.1 73.7



#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

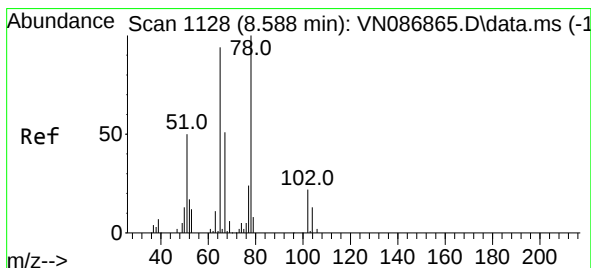
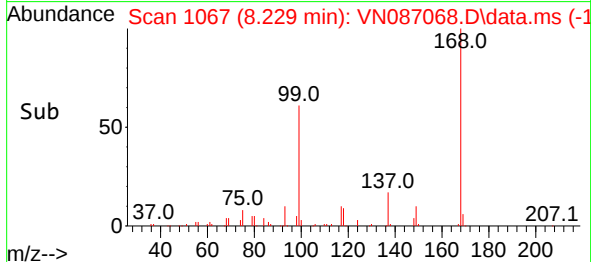
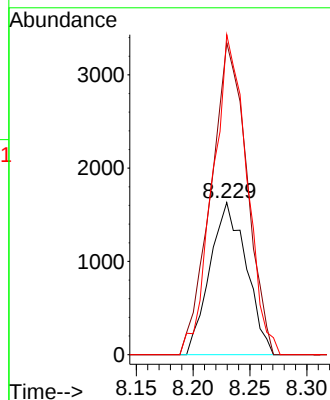
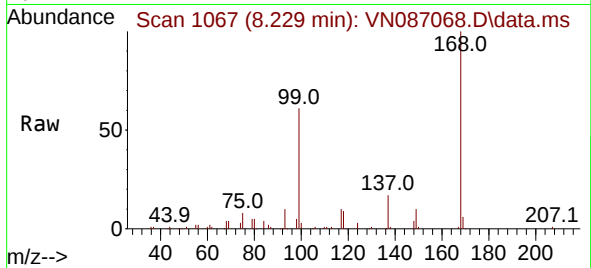




#31
Cyclohexane
Concen: 0.827 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.041 min
Lab File: VN087068.D
Acq: 17 Jun 2025 18:17

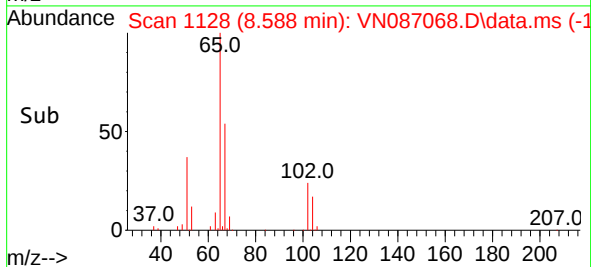
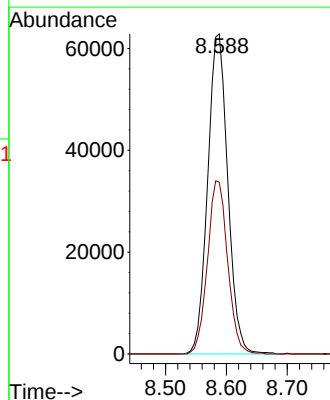
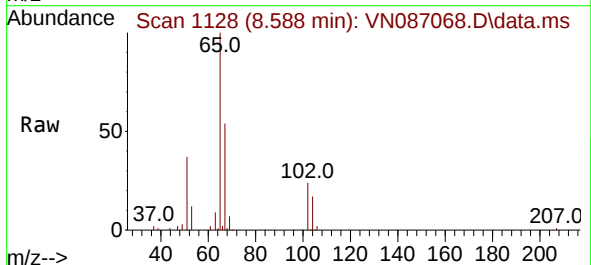
Instrument :
MSVOA_N
ClientSampleId :
BPOW6-7-20250613

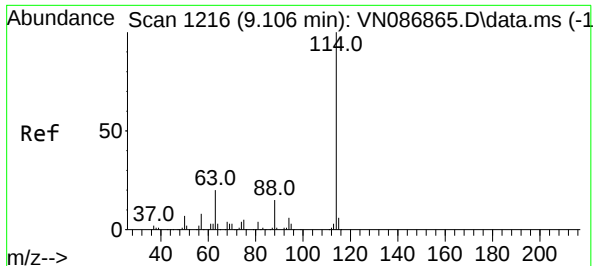
Tgt Ion: 56 Resp: 3641
Ion Ratio Lower Upper
56 100
69 204.8 25.4 38.0#
84 210.2 68.8 103.2#



#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

Tgt Ion: 65 Resp: 144194
Ion Ratio Lower Upper
65 100
67 54.3 0.0 105.6

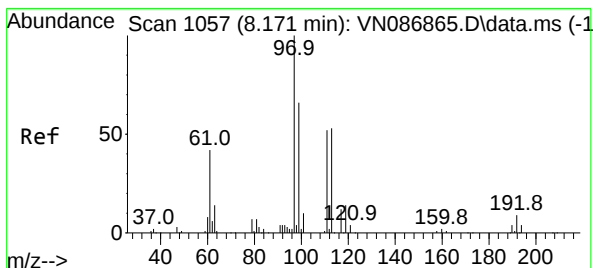
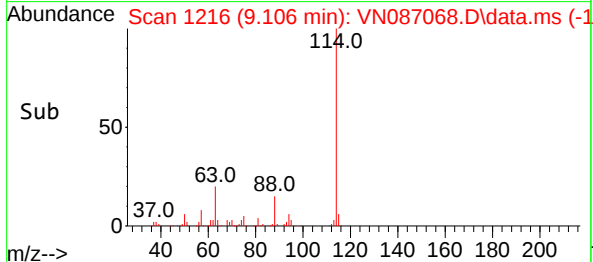
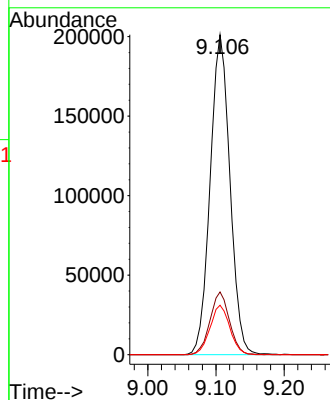
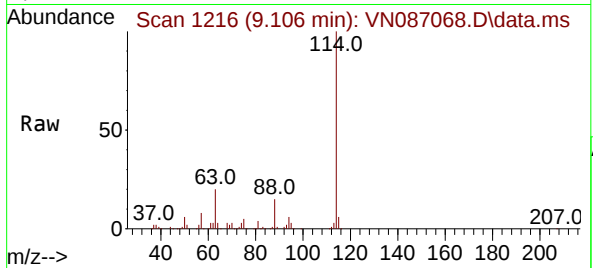




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087068.D
Acq: 17 Jun 2025 18:17

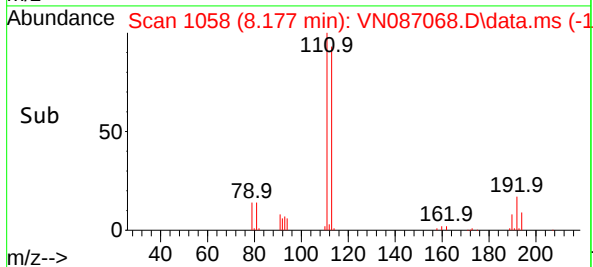
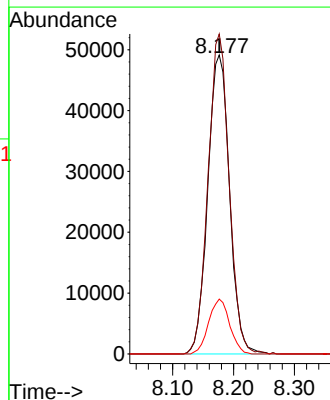
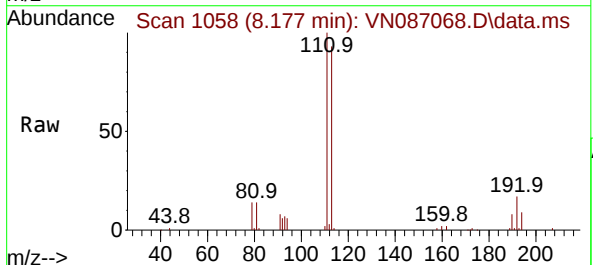
Instrument :
MSVOA_N
ClientSampleId :
BPOW6-7-20250613

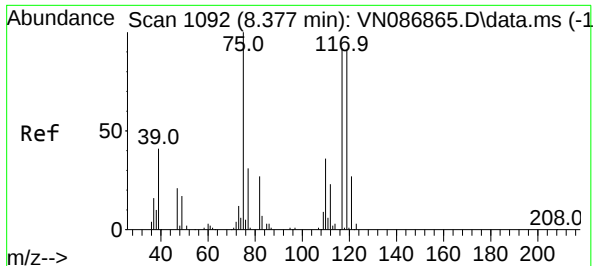
Tgt Ion:114 Resp: 406226
Ion Ratio Lower Upper
114 100
63 19.6 0.0 39.6
88 15.5 0.0 30.2



#35
Dibromofluoromethane
Concen: 50.761 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN087068.D
Acq: 17 Jun 2025 18:17

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

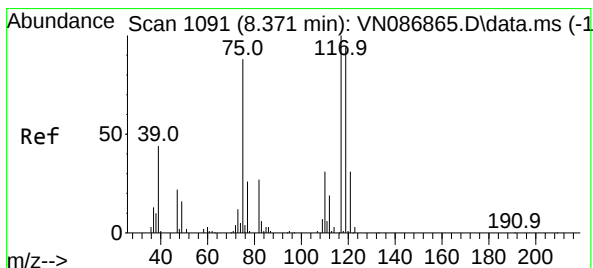
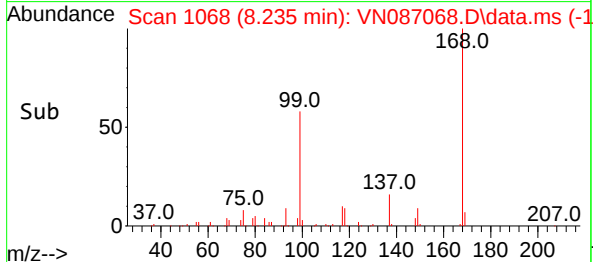
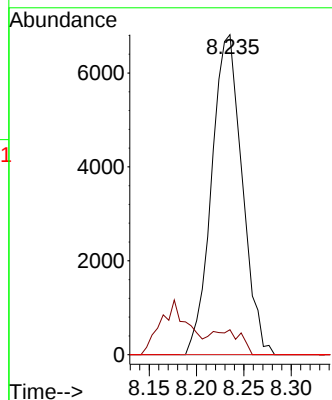
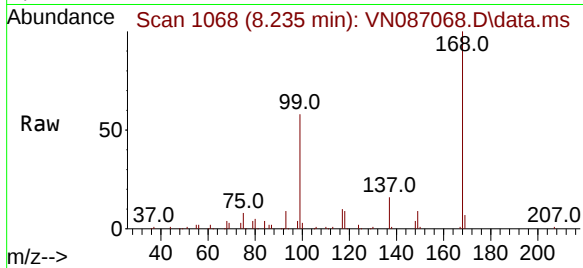




#36
 1,1-Dichloropropene
 Concen: 4.265 ug/l
 RT: 8.235 min Scan# 1068
 Delta R.T. -0.141 min
 Lab File: VN087068.D
 Acq: 17 Jun 2025 18:17

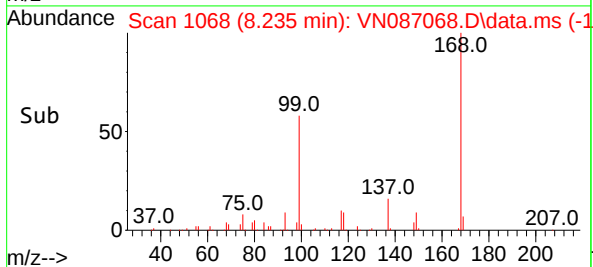
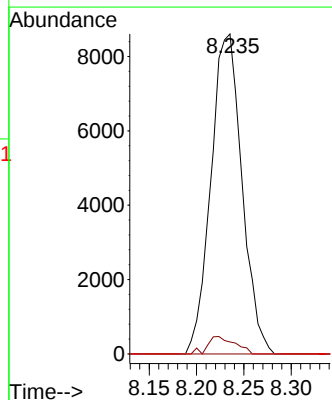
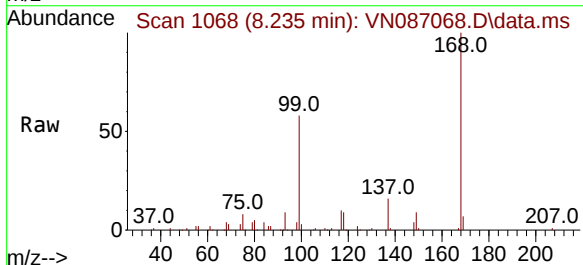
Instrument :
 MSVOA_N
 ClientSampleId :
 BPOW6-7-20250613

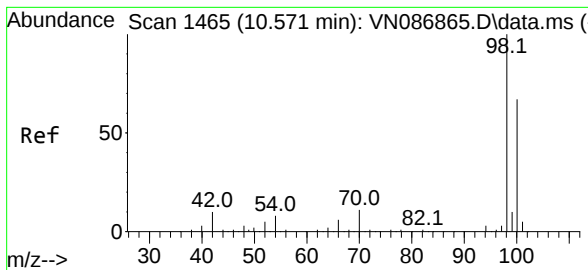
Tgt Ion: 75 Resp: 15299
 Ion Ratio Lower Upper
 75 100
 110 6.9 17.6 52.9#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 5.582 ug/l
 RT: 8.235 min Scan# 1068
 Delta R.T. -0.136 min
 Lab File: VN087068.D
 Acq: 17 Jun 2025 18:17

Tgt Ion: 117 Resp: 19658
 Ion Ratio Lower Upper
 117 100
 119 3.8 75.0 112.6#
 121 0.0 24.9 37.3#

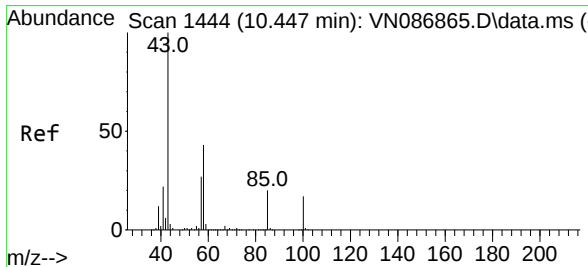
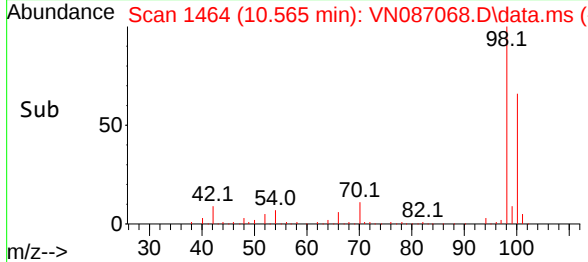
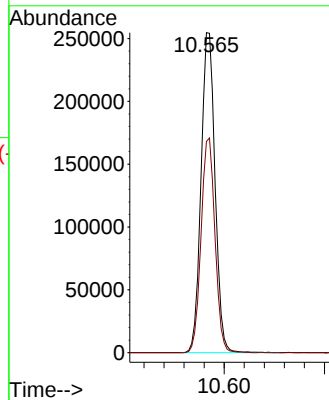
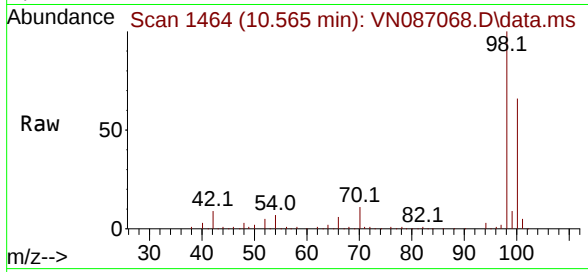




#50
Toluene-d8
Concen: 51.764 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN087068.D
Acq: 17 Jun 2025 18:17

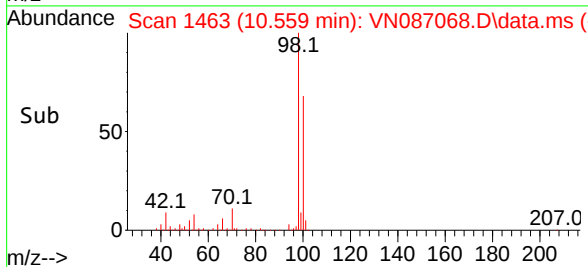
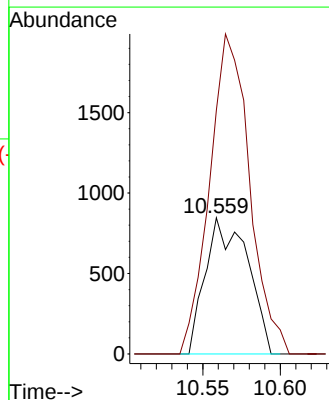
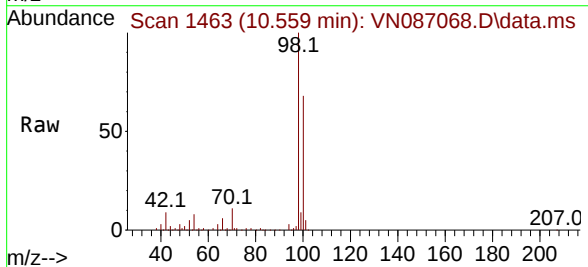
Instrument :
MSVOA_N
ClientSampleId :
BPOW6-7-20250613

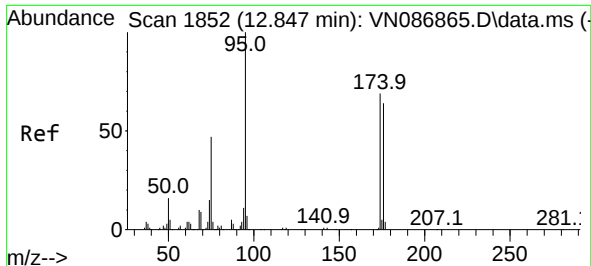
Tgt Ion: 98 Resp: 493319
Ion Ratio Lower Upper
98 100
100 66.7 53.4 80.0



#51
4-Methyl-2-Pentanone
Concen: 0.363 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.112 min
Lab File: VN087068.D
Acq: 17 Jun 2025 18:17

Tgt Ion: 43 Resp: 1602
Ion Ratio Lower Upper
43 100
58 222.5 34.2 51.4#

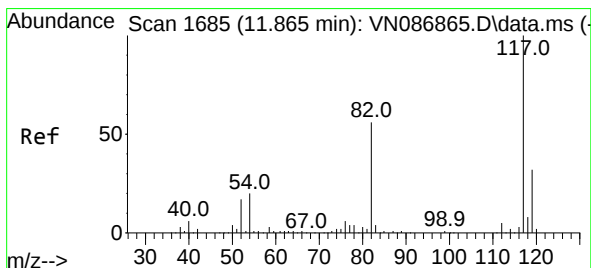
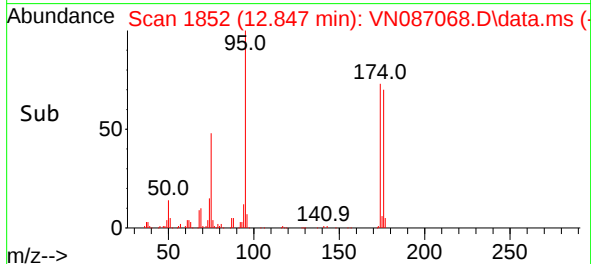
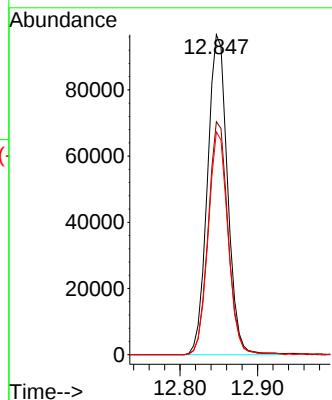
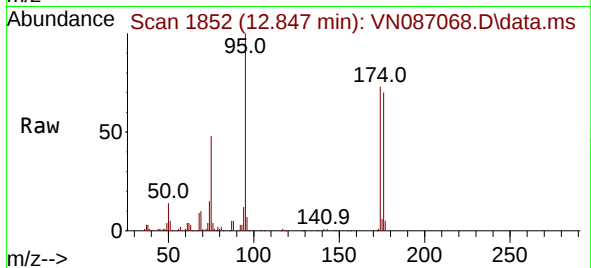




#62
4-Bromofluorobenzene
Concen: 49.021 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087068.D
Acq: 17 Jun 2025 18:17

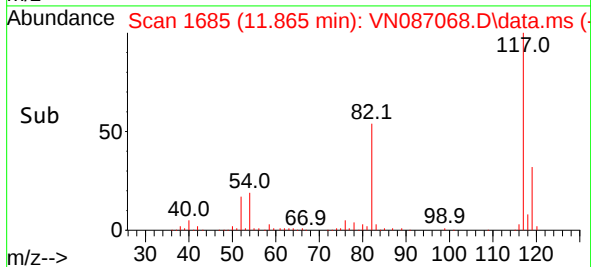
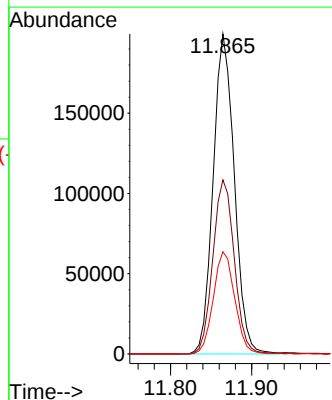
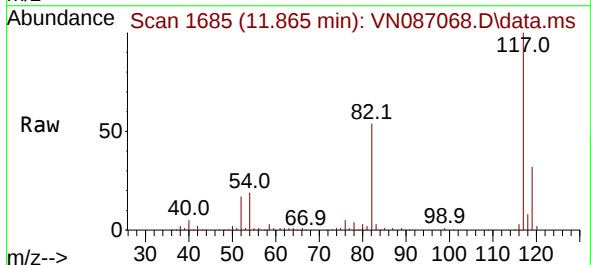
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BPOW6-7-20250613

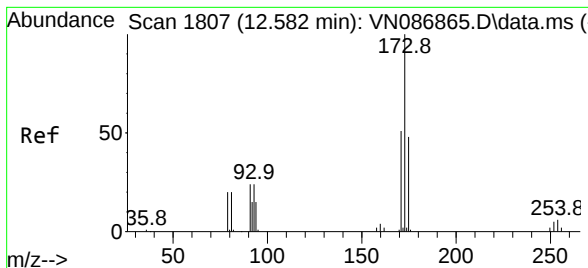
Tgt Ion: 95 Resp: 173572
Ion Ratio Lower Upper
95 100
174 72.4 0.0 141.8
176 68.8 0.0 132.6



#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





#71

Bromoform

Concen: 0.501 ug/l

RT: 12.853 min Scan# 1807

Delta R.T. 0.270 min

Lab File: VN087068.D

Acq: 17 Jun 2025 18:17

Instrument :

MSVOA_N

ClientSampleId :

BPOW6-7-20250613

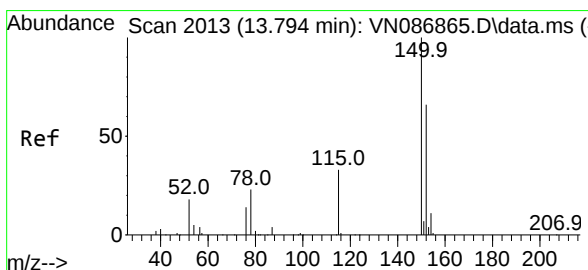
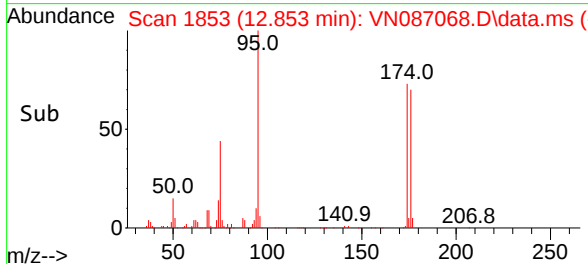
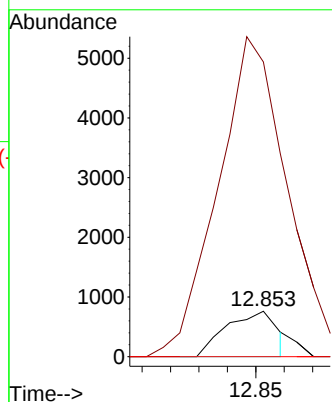
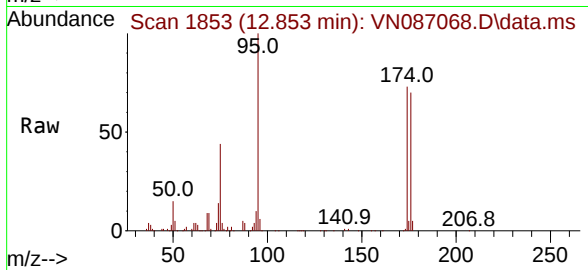
Tgt Ion:173 Resp: 951

Ion Ratio Lower Upper

173 100

175 813.9 24.1 72.4#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.006 min

Lab File: VN087068.D

Acq: 17 Jun 2025 18:17

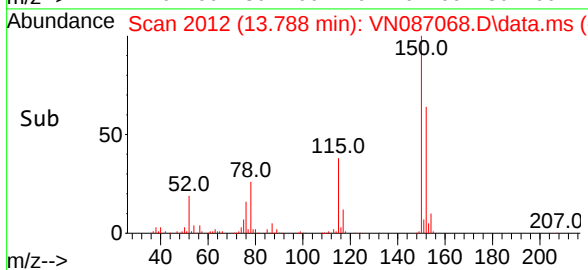
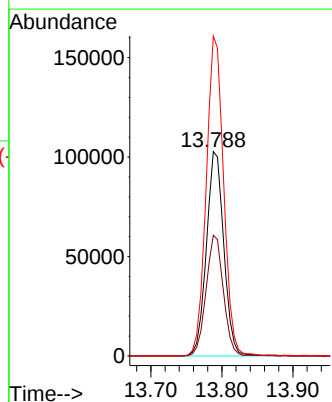
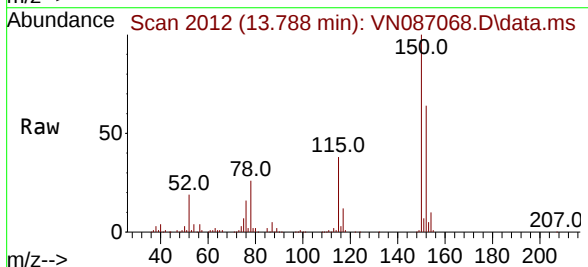
Tgt Ion:152 Resp: 175252

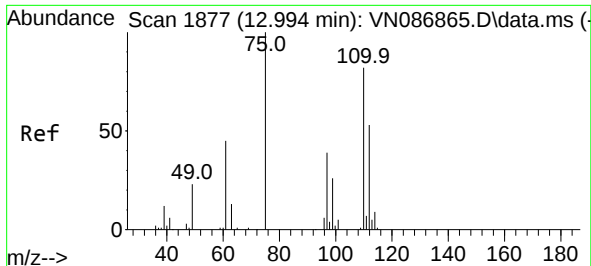
Ion Ratio Lower Upper

152 100

115 58.8 30.1 90.5

150 156.5 0.0 345.0

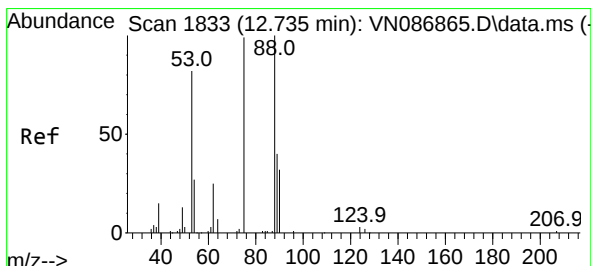
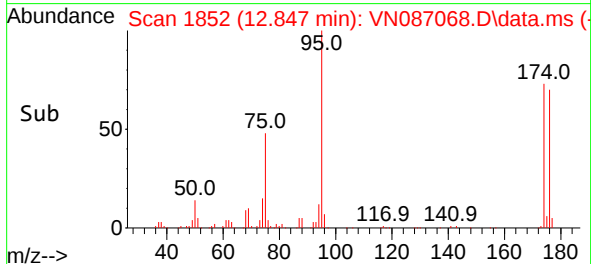
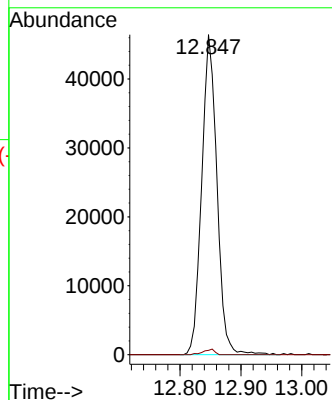
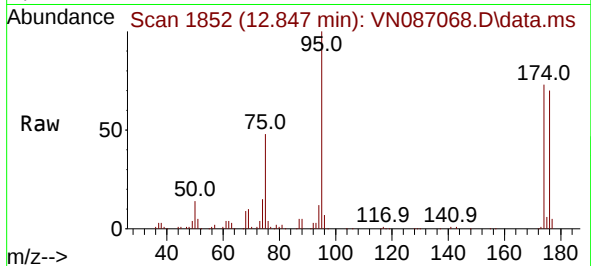




#76
1,2,3-Trichloropropane
Concen: 19.398 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN087068.D
Acq: 17 Jun 2025 18:17

Instrument :
MSVOA_N
ClientSampleId :
BPOW6-7-20250613

Tgt Ion: 75 Resp: 80810
Ion Ratio Lower Upper
75 100
77 1.3 79.3 237.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 44.654 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.111 min
Lab File: VN087068.D
Acq: 17 Jun 2025 18:17

Tgt Ion: 75 Resp: 80810
Ion Ratio Lower Upper
75 100
53 0.0 66.6 99.8#
89 0.0 36.7 55.1#

