

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110624\
 Data File : VN084711.D
 Acq On : 06 Nov 2024 15:14
 Operator : JC\MD
 Sample : P4710-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-BPOW6-8-GW-20241101

Quant Time: Nov 07 00:19:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

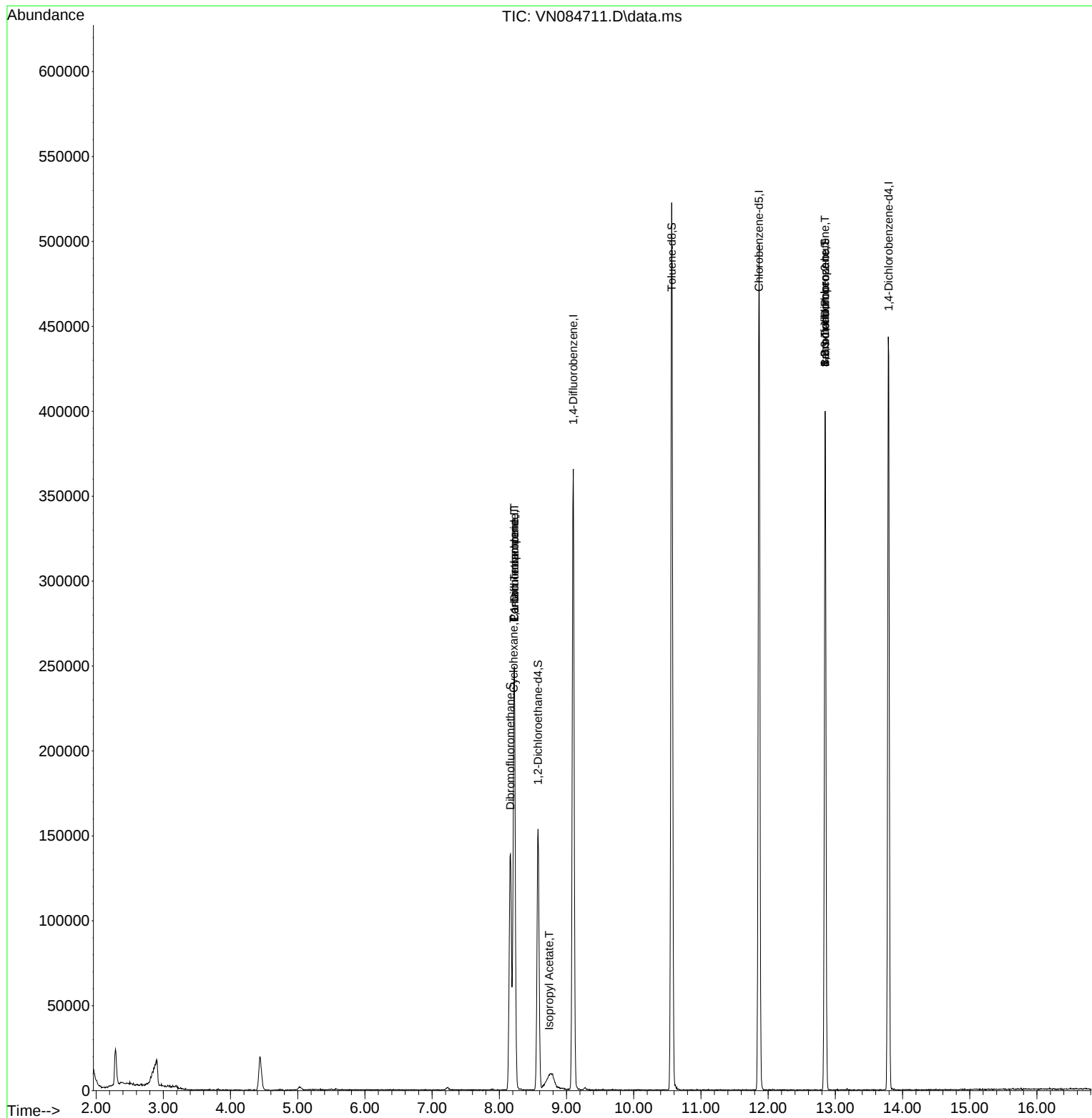
Internal Standards						
1) Pentafluorobenzene	8.224	168	181626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	317427	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	279072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	124288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	127059	48.435	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.860%
35) Dibromofluoromethane	8.165	113	104605	48.685	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.380%
50) Toluene-d8	10.565	98	365598	46.192	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.380%
62) 4-Bromofluorobenzene	12.847	95	138119	46.693	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.380%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	748	Below Cal	#	41
6) Chloroethane	3.136	64	681	Below Cal	#	45
16) Acetone	4.412	43	60	Below Cal	#	44
18) Methyl Acetate	5.030	43	3975	Below Cal	#	82
31) Cyclohexane	8.212	56	3889	1.074	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	15110	5.071	ug/l #	50
38) Carbon Tetrachloride	8.224	117	19664	5.904	ug/l #	13
43) Isopropyl Acetate	8.741	43	18098	2.711	ug/l #	56
71) Bromoform	12.847	173	503	0.308	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	71169	28.646	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	71169	67.959	ug/l #	11
88) 1,4-Dichlorobenzene	13.812	146	142	Below Cal	#	24

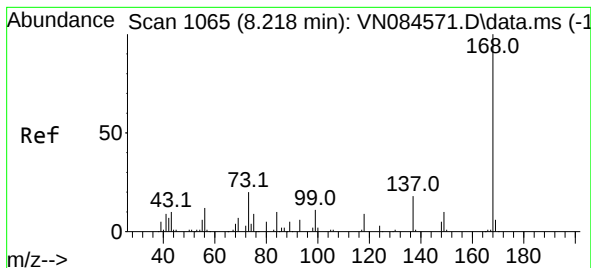
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
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QLast Update : Thu Oct 31 18:45:38 2024
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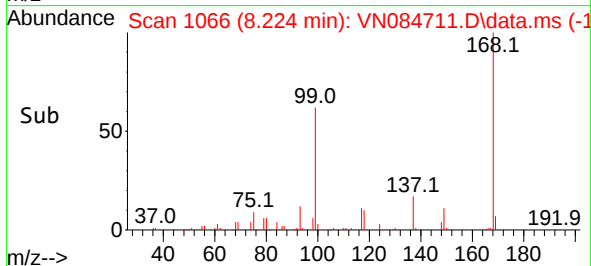
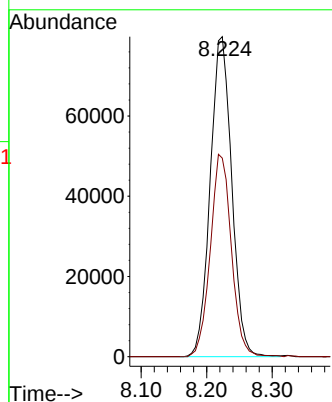
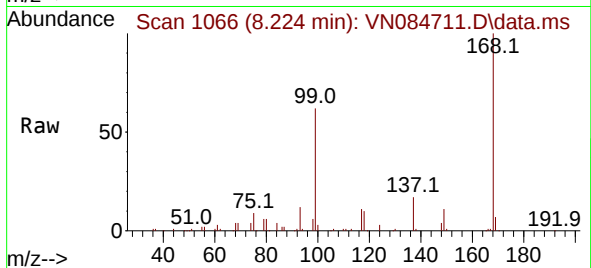




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN084711.D
Acq: 06 Nov 2024 15:14

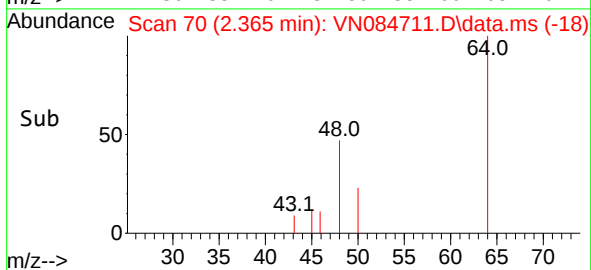
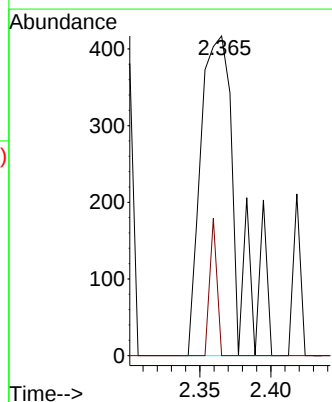
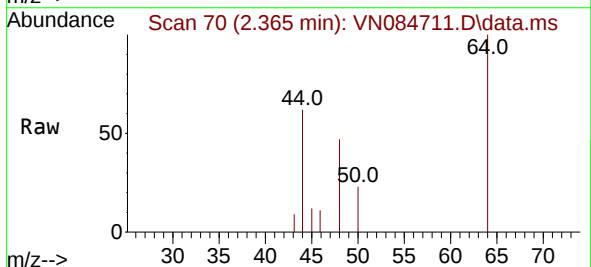
Instrument :
MSVOA_N
ClientSampleId :
BP-BPOW6-8-GW-20241101

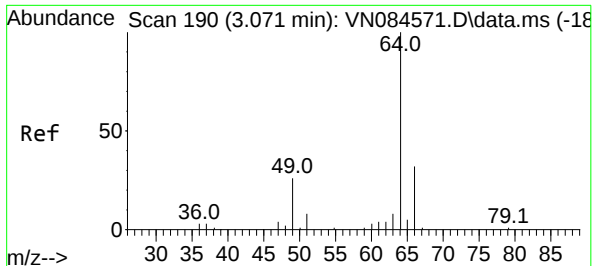
Tgt Ion:168 Resp: 181626
Ion Ratio Lower Upper
168 100
99 62.0 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084711.D
Acq: 06 Nov 2024 15:14

Tgt Ion: 50 Resp: 748
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

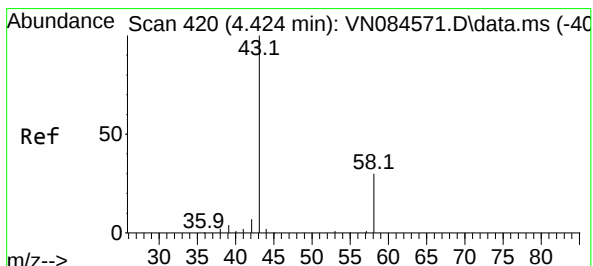
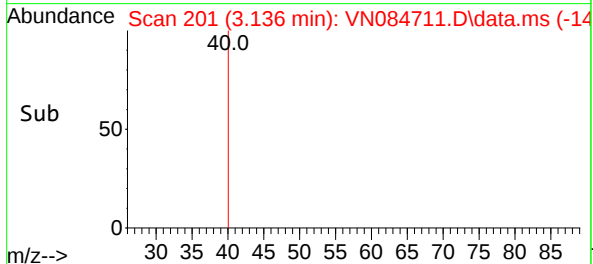
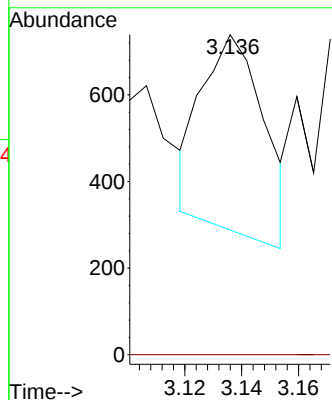
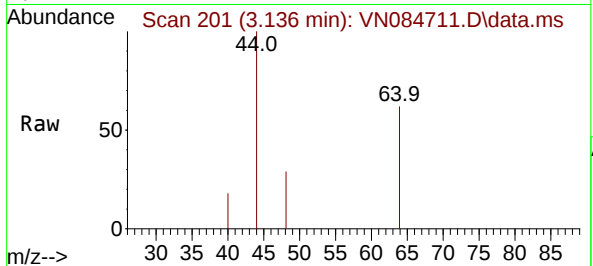




#6
Chloroethane
Concen: Below Cal
RT: 3.136 min Scan# 201
Delta R.T. 0.018 min
Lab File: VN084711.D
Acq: 06 Nov 2024 15:14

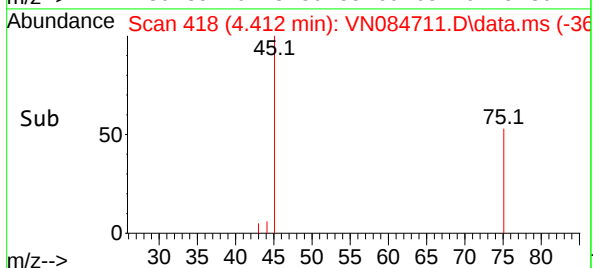
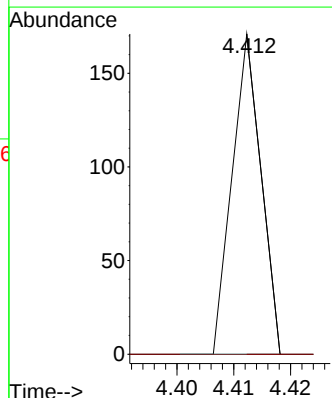
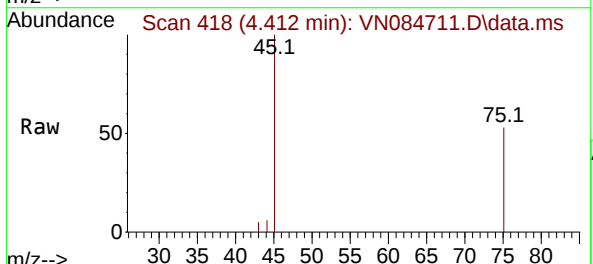
Instrument :
MSVOA_N
ClientSampleId :
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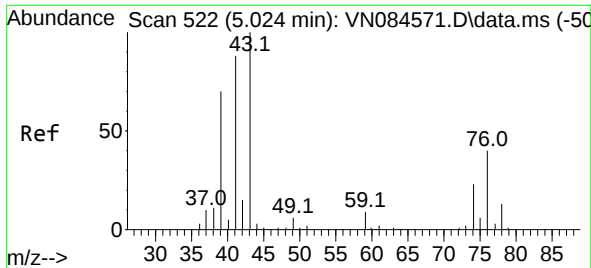
Tgt Ion: 64 Resp: 681
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#16
Acetone
Concen: Below Cal
RT: 4.412 min Scan# 418
Delta R.T. -0.012 min
Lab File: VN084711.D
Acq: 06 Nov 2024 15:14

Tgt Ion: 43 Resp: 60
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#

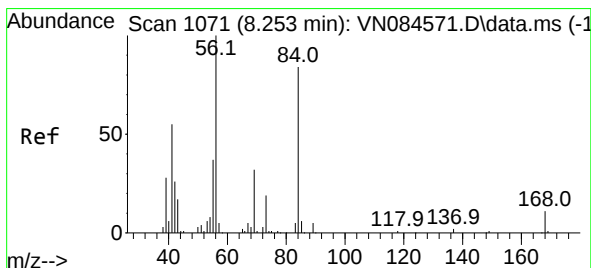
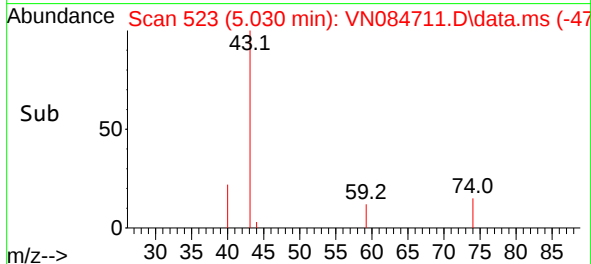
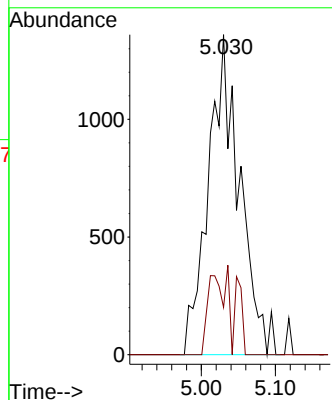
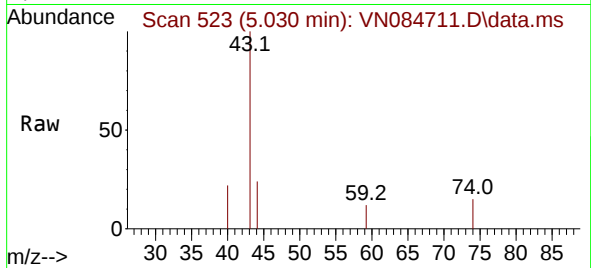




#18
Methyl Acetate
Concen: Below Cal
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN084711.D
Acq: 06 Nov 2024 15:14

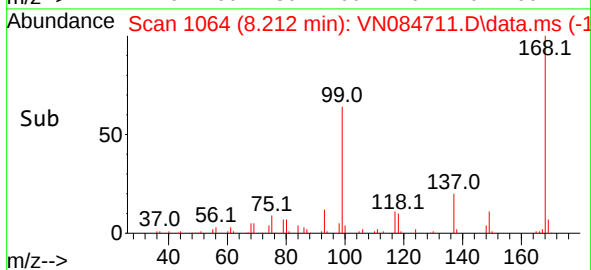
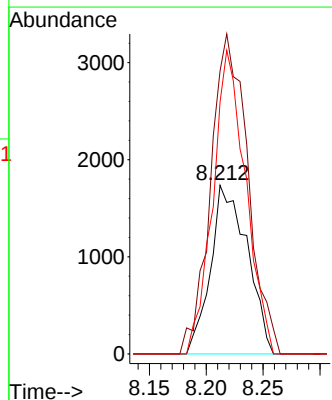
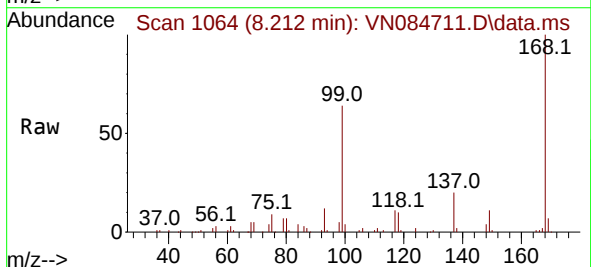
Instrument :
MSVOA_N
ClientSampleId :
BP-BPOW6-8-GW-20241101

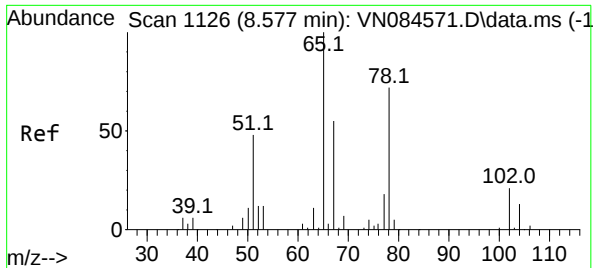
Tgt Ion: 43 Resp: 3975
Ion Ratio Lower Upper
43 100
74 15.2 19.2 28.8#



#31
Cyclohexane
Concen: 1.074 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.041 min
Lab File: VN084711.D
Acq: 06 Nov 2024 15:14

Tgt Ion: 56 Resp: 3889
Ion Ratio Lower Upper
56 100
69 167.6 23.8 35.6#
84 149.2 68.8 103.2#

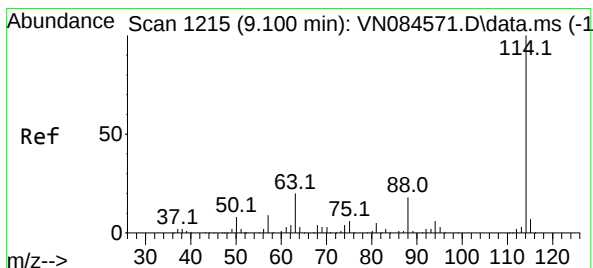
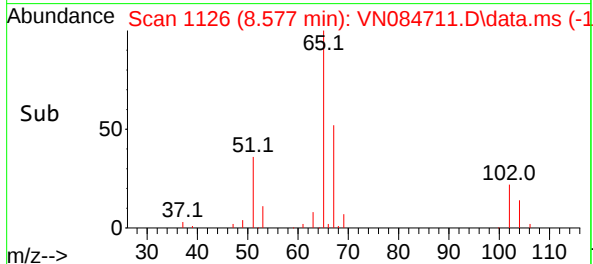
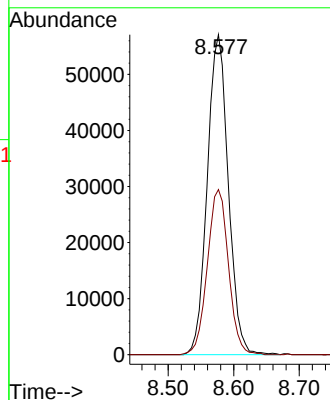
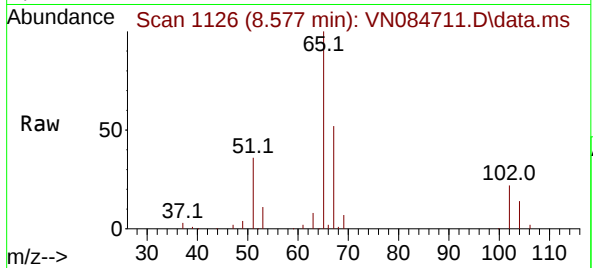




#33
 1,2-Dichloroethane-d4
 Concen: 48.435 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN084711.D
 Acq: 06 Nov 2024 15:14

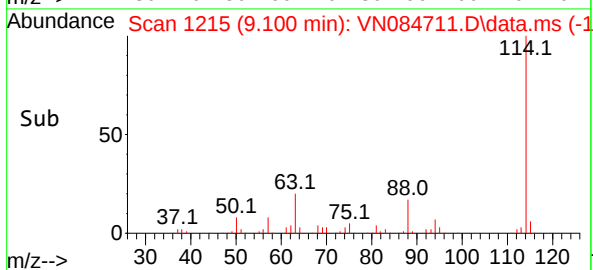
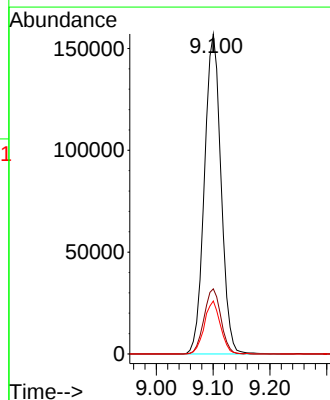
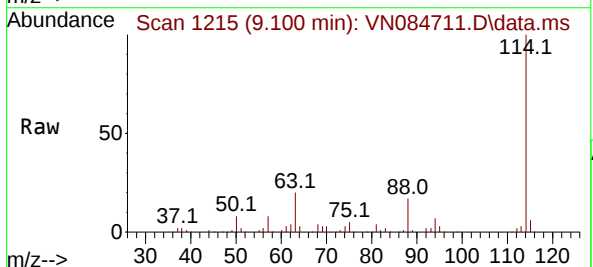
Instrument : MSVOA_N
 ClientSampleId : BP-BPOW6-8-GW-20241101

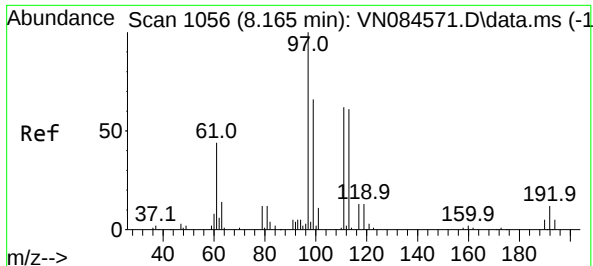
Tgt Ion: 65 Resp: 127059
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084711.D
 Acq: 06 Nov 2024 15:14

Tgt Ion: 114 Resp: 317427
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 43.8
 88 16.6 0.0 31.6

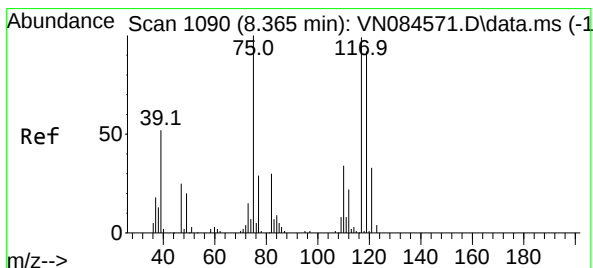
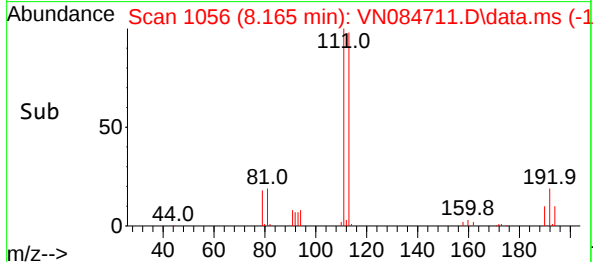
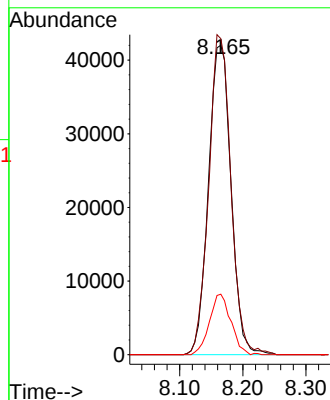
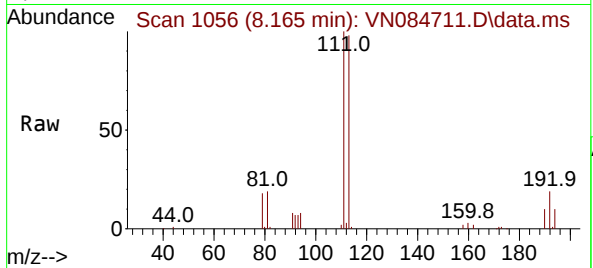




#35
Dibromofluoromethane
Concen: 48.685 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084711.D
Acq: 06 Nov 2024 15:14

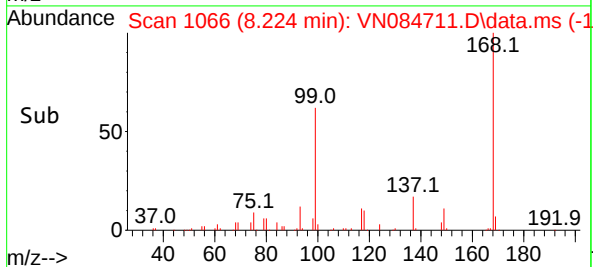
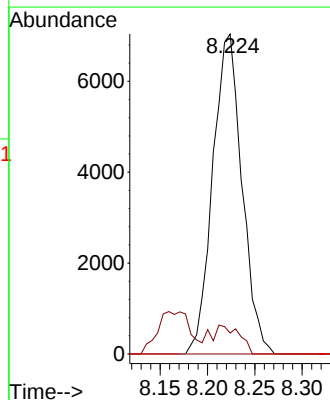
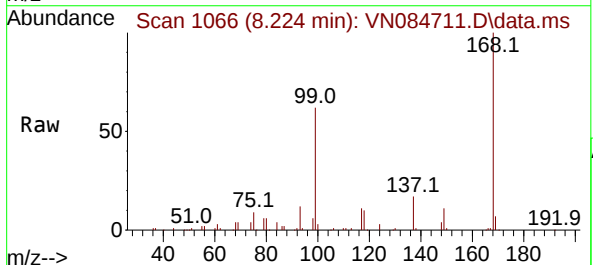
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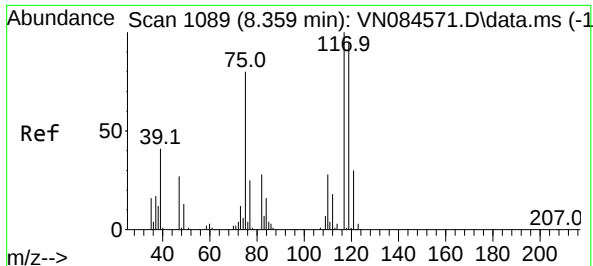
Tgt Ion:113 Resp: 104605
Ion Ratio Lower Upper
113 100
111 101.2 83.3 124.9
192 18.6 13.5 20.3



#36
1,1-Dichloropropene
Concen: 5.071 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN084711.D
Acq: 06 Nov 2024 15:14

Tgt Ion: 75 Resp: 15110
Ion Ratio Lower Upper
75 100
110 8.7 16.9 50.7#
77 0.0 24.7 37.1#

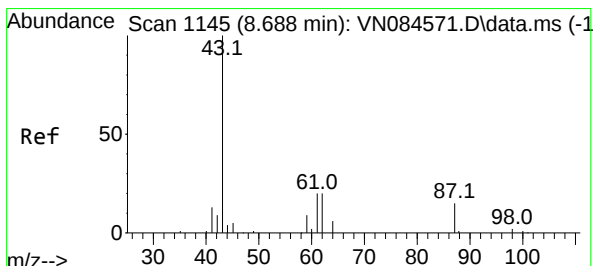
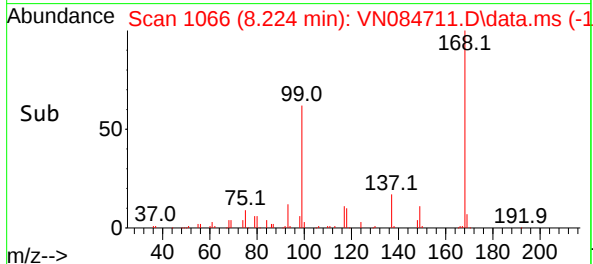
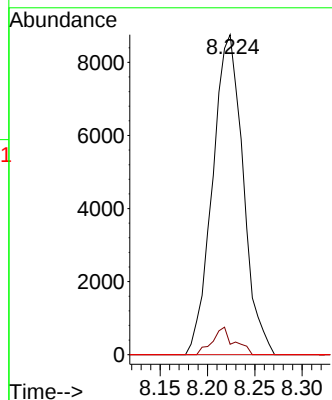
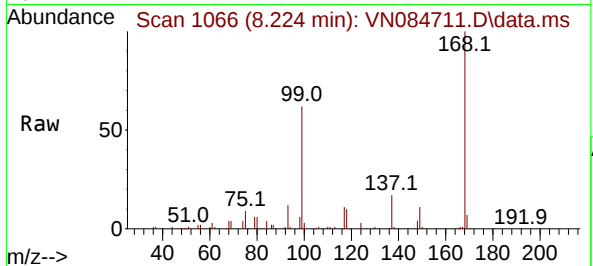




#38
Carbon Tetrachloride
Concen: 5.904 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084711.D
Acq: 06 Nov 2024 15:14

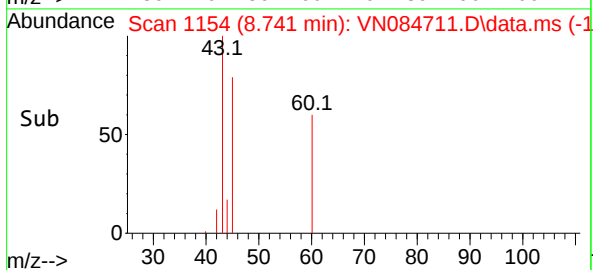
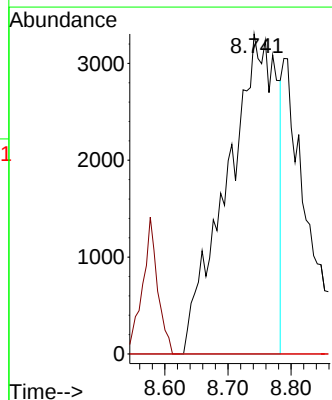
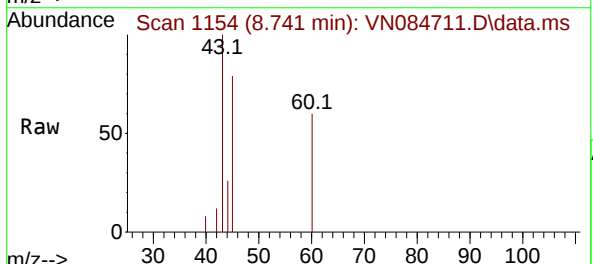
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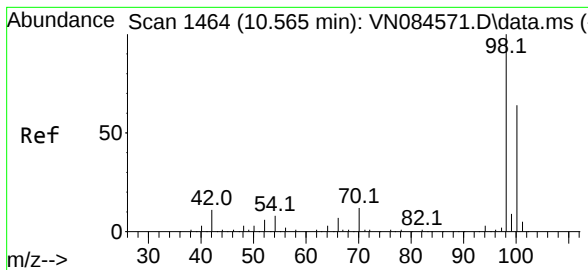
Tgt Ion: 117 Resp: 19664
Ion Ratio Lower Upper
117 100
119 3.3 78.7 118.1#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 2.711 ug/l
RT: 8.741 min Scan# 1154
Delta R.T. 0.053 min
Lab File: VN084711.D
Acq: 06 Nov 2024 15:14

Tgt Ion: 43 Resp: 18098
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#

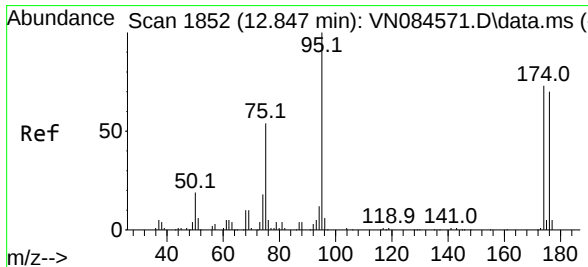
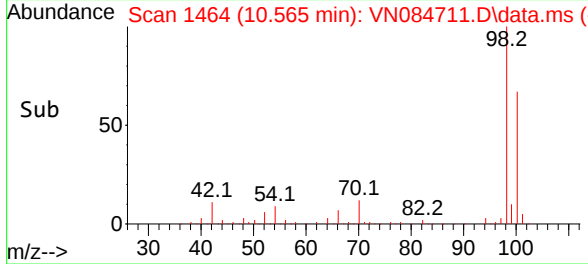
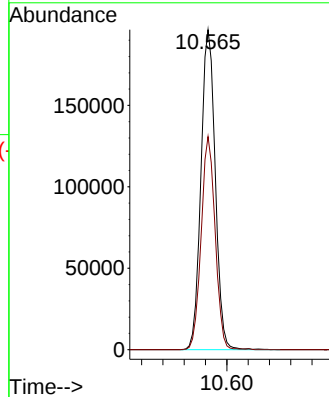
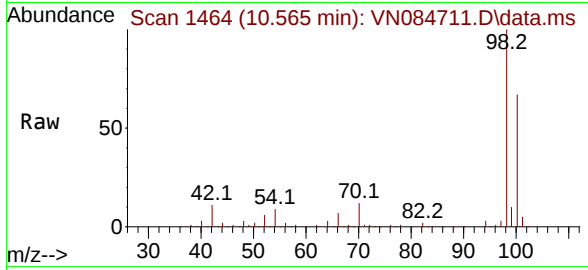




#50
Toluene-d8
Concen: 46.192 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084711.D
Acq: 06 Nov 2024 15:14

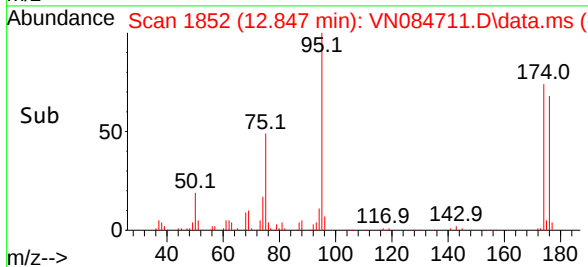
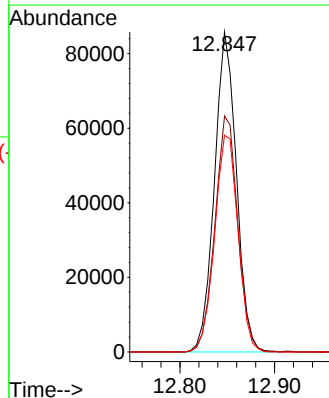
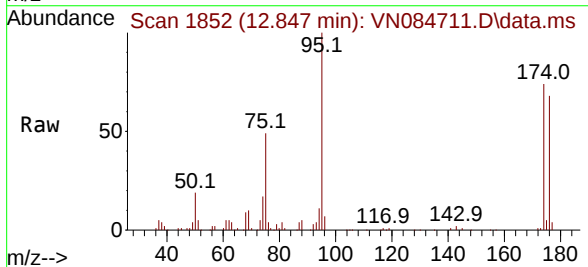
Instrument :
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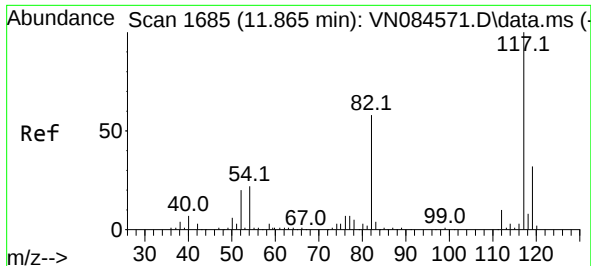
Tgt Ion: 98 Resp: 365598
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 46.693 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084711.D
Acq: 06 Nov 2024 15:14

Tgt Ion: 95 Resp: 138119
Ion Ratio Lower Upper
95 100
174 77.1 0.0 145.2
176 72.2 0.0 140.0

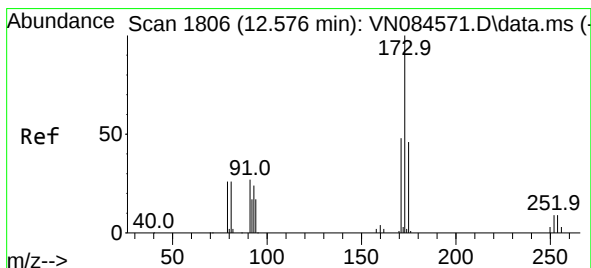
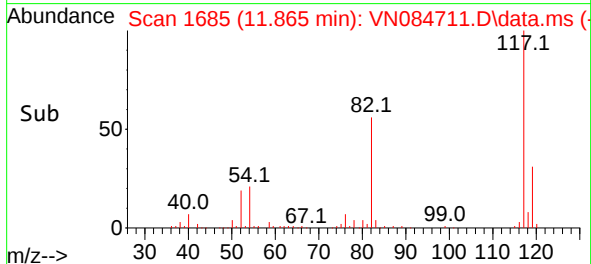
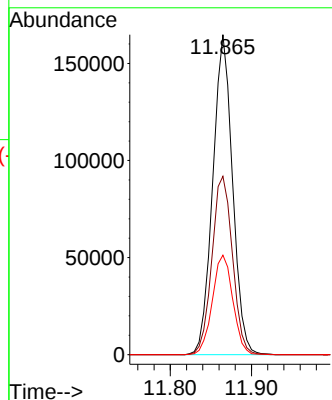
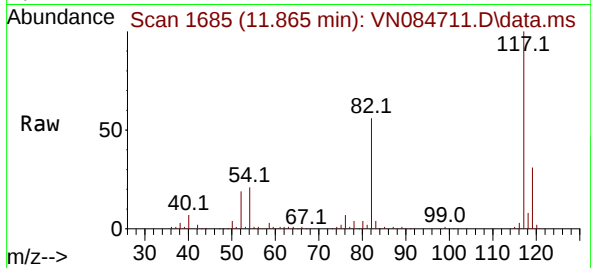




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084711.D
Acq: 06 Nov 2024 15:14

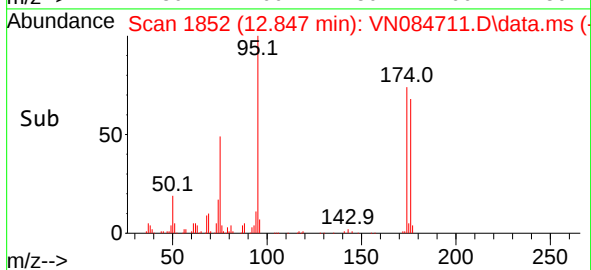
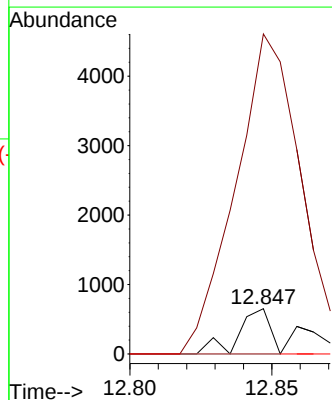
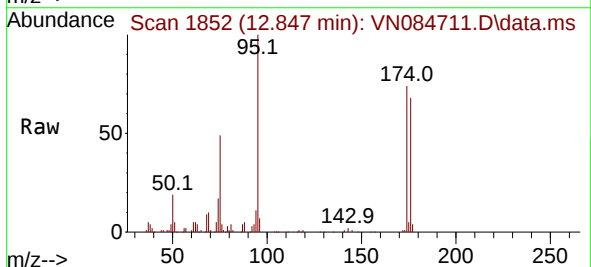
Instrument :
MSVOA_N
ClientSampleId :
BP-BPOW6-8-GW-20241101

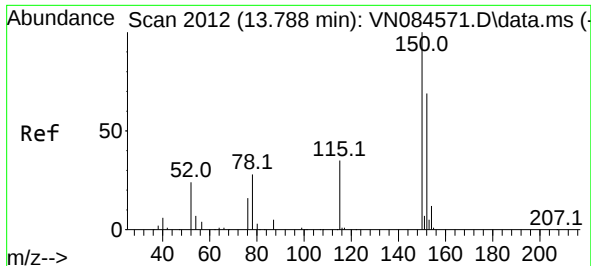
Tgt Ion:117 Resp: 279072
Ion Ratio Lower Upper
117 100
82 55.7 47.2 70.8
119 31.1 25.4 38.0



#71
Bromoform
Concen: 0.308 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN084711.D
Acq: 06 Nov 2024 15:14

Tgt Ion:173 Resp: 503
Ion Ratio Lower Upper
173 100
175 1092.4 23.5 70.6#
254 0.0 0.0 0.0

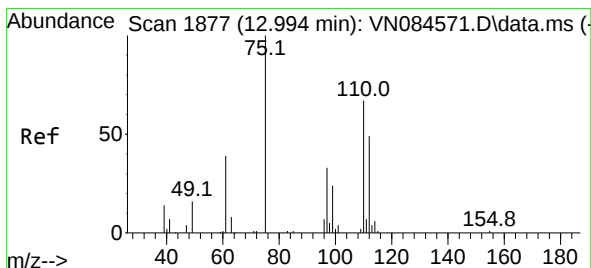
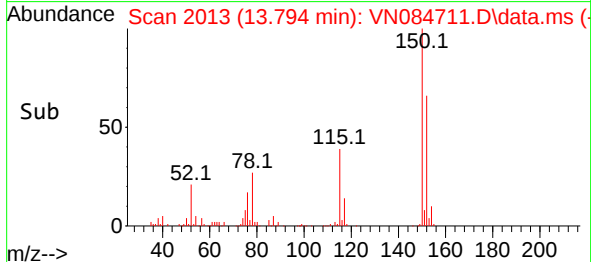
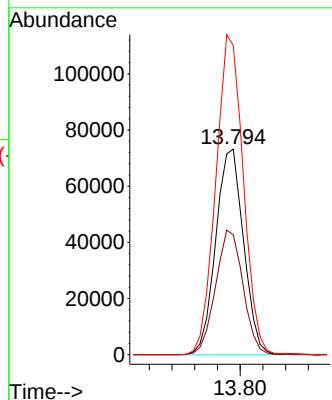
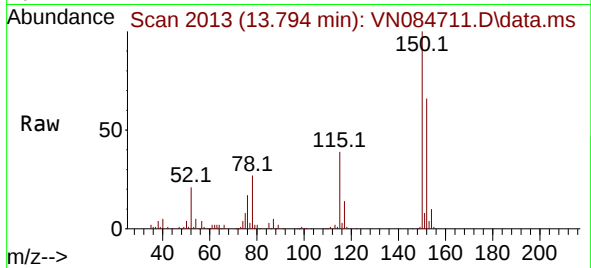




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2012
Delta R.T. 0.006 min
Lab File: VN084711.D
Acq: 06 Nov 2024 15:14

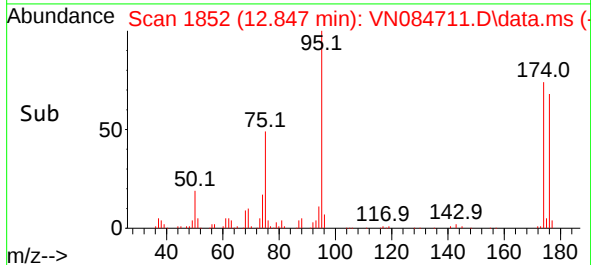
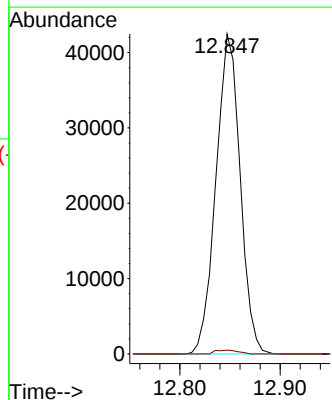
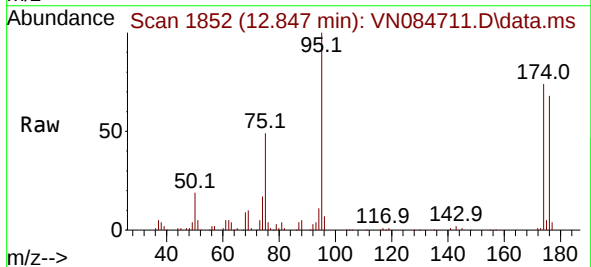
Instrument :
MSVOA_N
ClientSampleId :
BP-BPOW6-8-GW-20241101

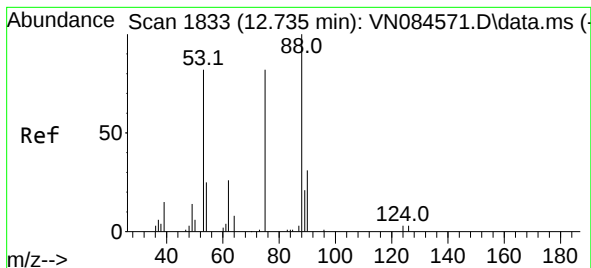
Tgt Ion:152 Resp: 124288
Ion Ratio Lower Upper
152 100
115 59.9 31.3 93.9
150 154.3 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 28.646 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084711.D
Acq: 06 Nov 2024 15:14

Tgt Ion: 75 Resp: 71169
Ion Ratio Lower Upper
75 100
77 1.1 96.9 290.7#

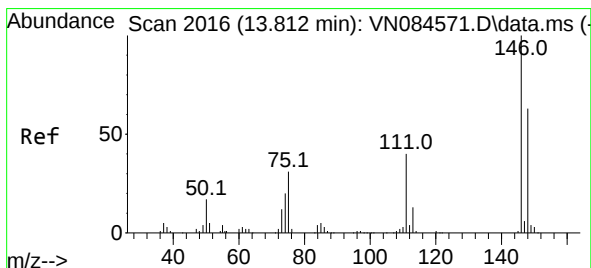
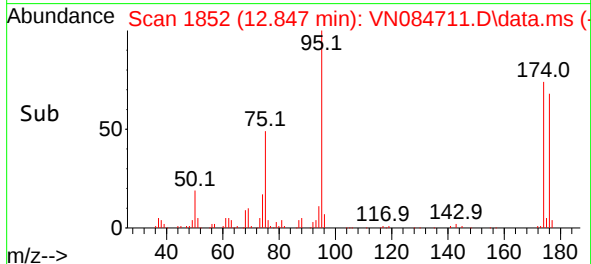
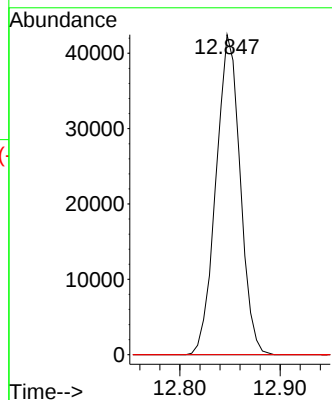
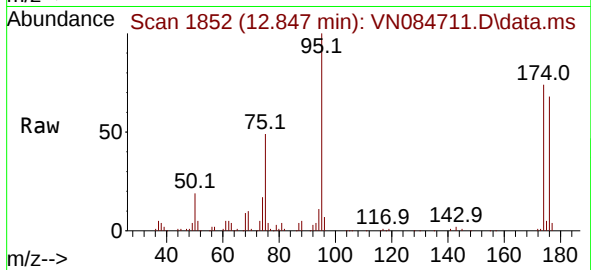




#81
trans-1,4-Dichloro-2-butene
Concen: 67.959 ug/l
RT: 12.847 min Scan# 1833
Delta R.T. 0.112 min
Lab File: VN084711.D
Acq: 06 Nov 2024 15:14

Instrument :
MSVOA_N
ClientSampleId :
BP-BPOW6-8-GW-20241101

Tgt Ion: 75 Resp: 71169
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#



#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN084711.D
Acq: 06 Nov 2024 15:14

Tgt Ion:146 Resp: 142
Ion Ratio Lower Upper
146 100
111 0.0 21.2 63.6#
148 0.0 31.9 95.9#

