

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110624\
 Data File : VN084709.D
 Acq On : 06 Nov 2024 14:26
 Operator : JC\MD
 Sample : P4710-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-BPOW6-7-GW-20241030

Quant Time: Nov 07 00:19:10 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)

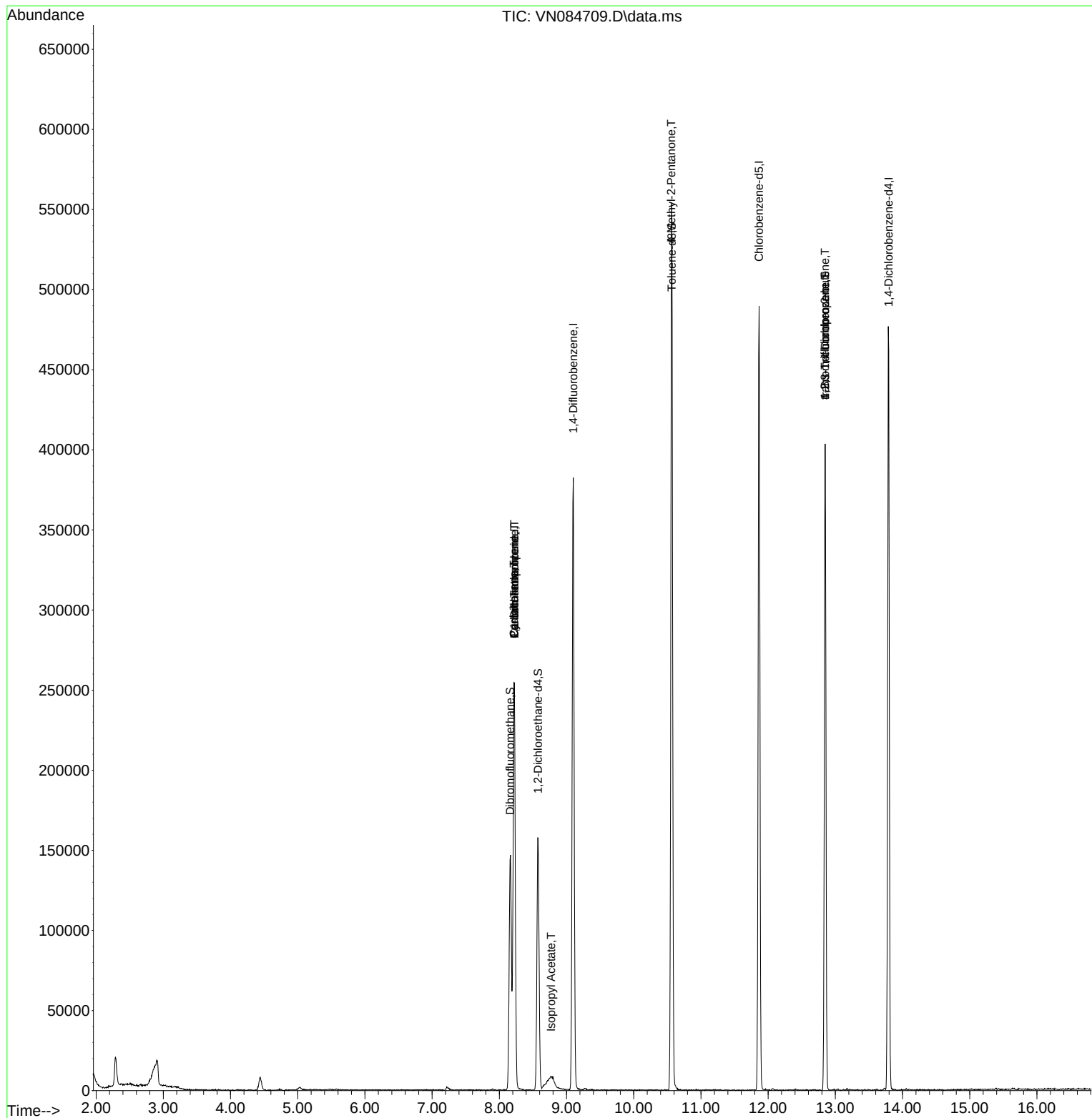
Internal Standards						
1) Pentafluorobenzene	8.224	168	189555	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	333260	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	287186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	129474	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	132803	48.507	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.020%		
35) Dibromofluoromethane	8.159	113	106820	47.354	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.700%		
50) Toluene-d8	10.565	98	380113	45.744	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.480%		
62) 4-Bromofluorobenzene	12.847	95	142321	45.828	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	91.660%		
Target Compounds						
3) Chloromethane	2.365	50	779	Below Cal	#	41
6) Chloroethane	3.148	64	405	Below Cal	#	45
16) Acetone	4.430	43	760	Below Cal	#	44
18) Methyl Acetate	5.024	43	3427	Below Cal		98
31) Cyclohexane	8.218	56	3879	1.026	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	14971	4.785	ug/l #	50
38) Carbon Tetrachloride	8.224	117	20235	5.787	ug/l #	15
43) Isopropyl Acetate	8.771	43	22036	3.301	ug/l #	56
51) 4-Methyl-2-Pentanone	10.559	43	1688	0.624	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	71845	27.760	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	71845	65.857	ug/l #	11
88) 1,4-Dichlorobenzene	13.812	146	756	Below Cal	#	20

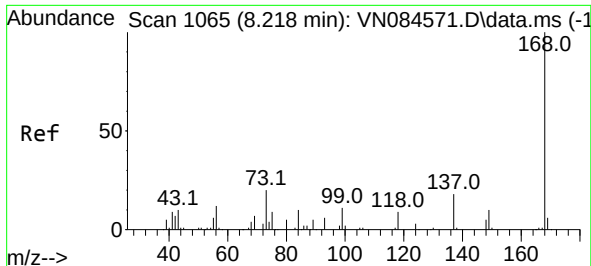
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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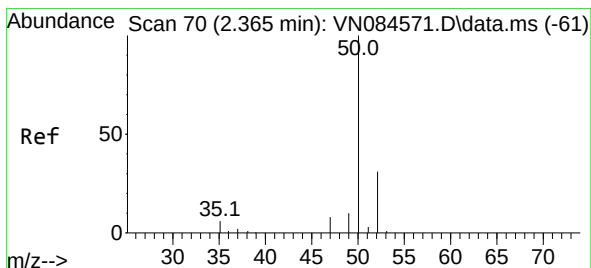
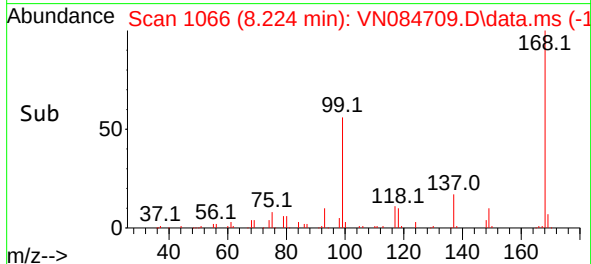
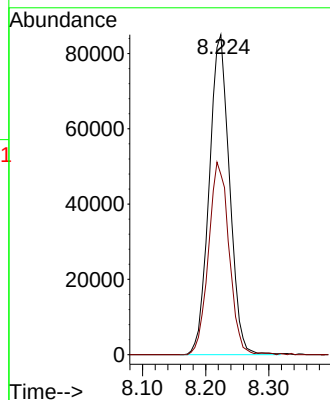
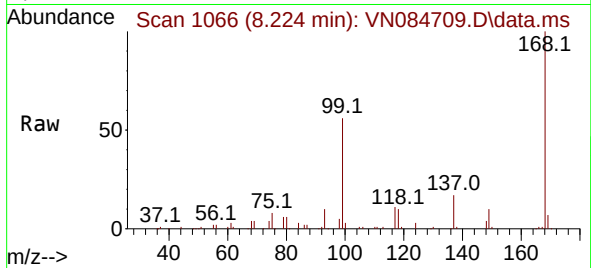




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN084709.D
Acq: 06 Nov 2024 14:26

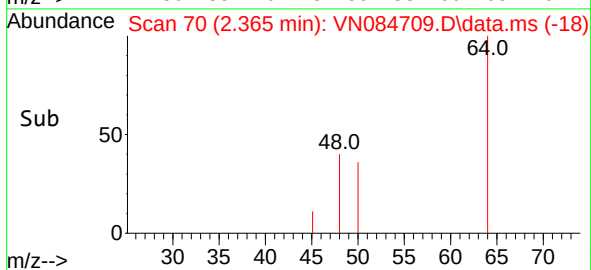
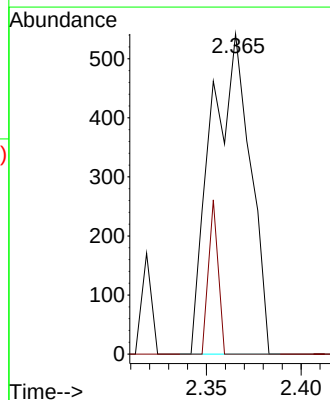
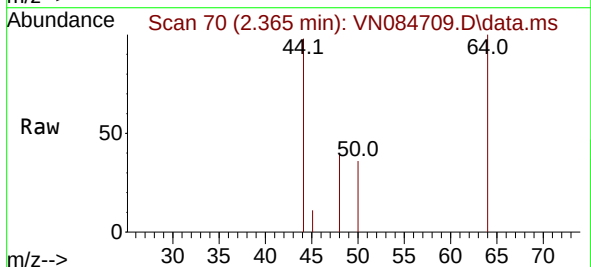
Instrument :
MSVOA_N
ClientSampleId :
BP-BPOW6-7-GW-20241030

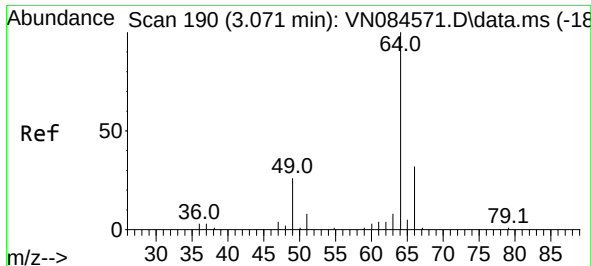
Tgt Ion:168 Resp: 189555
Ion Ratio Lower Upper
168 100
99 56.4 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084709.D
Acq: 06 Nov 2024 14:26

Tgt Ion: 50 Resp: 779
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

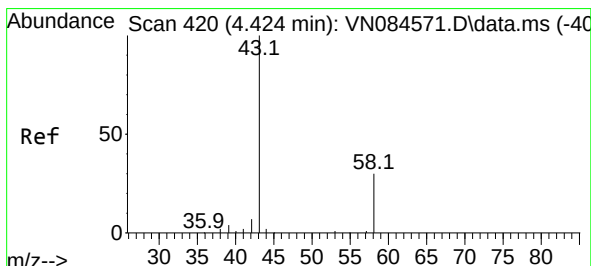
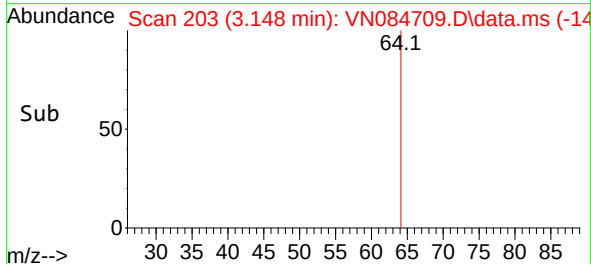
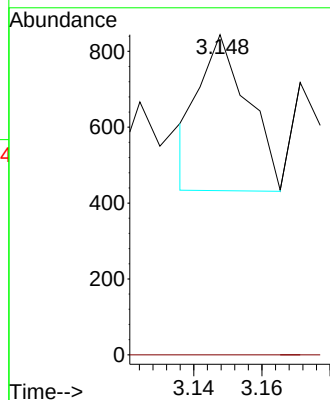
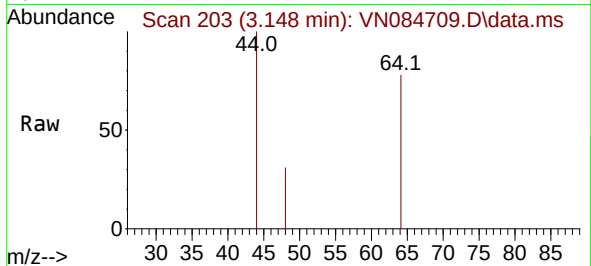




#6
Chloroethane
Concen: Below Cal
RT: 3.148 min Scan# 20
Delta R.T. 0.030 min
Lab File: VN084709.D
Acq: 06 Nov 2024 14:26

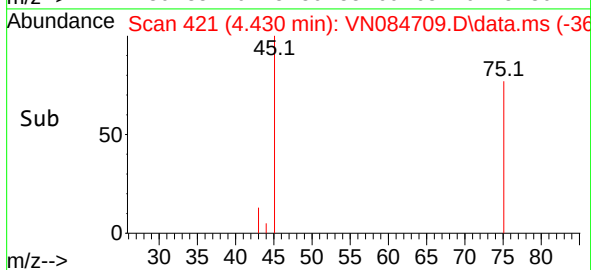
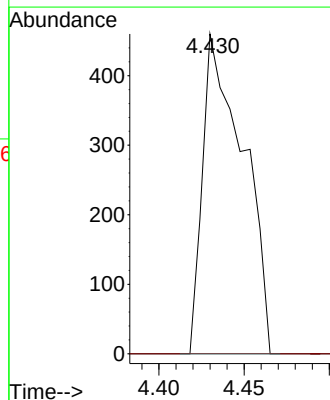
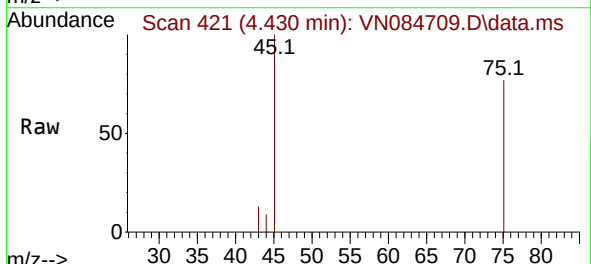
Instrument :
MSVOA_N
ClientSampleId :
BP-BPOW6-7-GW-20241030

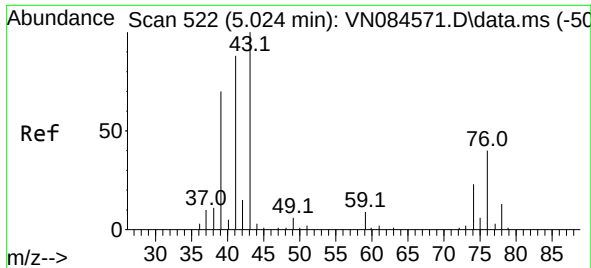
Tgt Ion: 64 Resp: 405
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#16
Acetone
Concen: Below Cal
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084709.D
Acq: 06 Nov 2024 14:26

Tgt Ion: 43 Resp: 760
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#

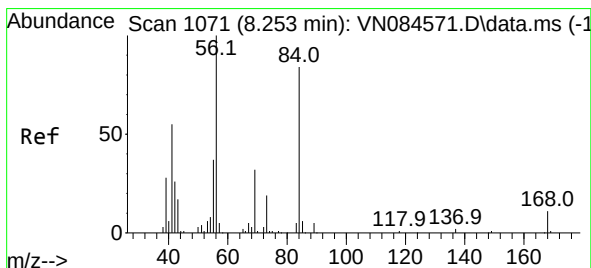
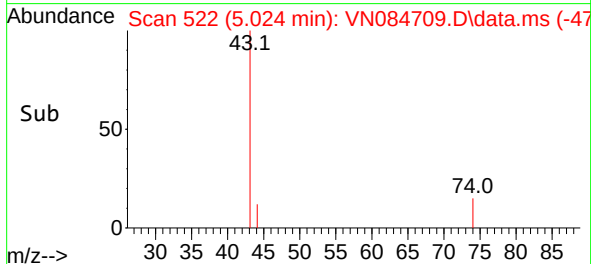
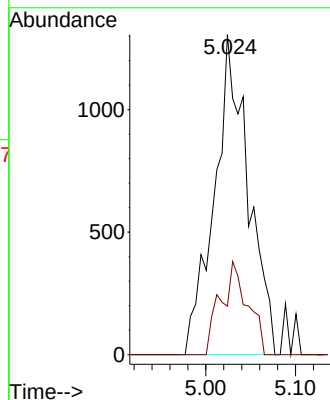
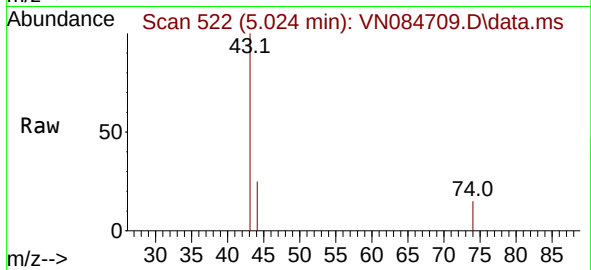




#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN084709.D
Acq: 06 Nov 2024 14:26

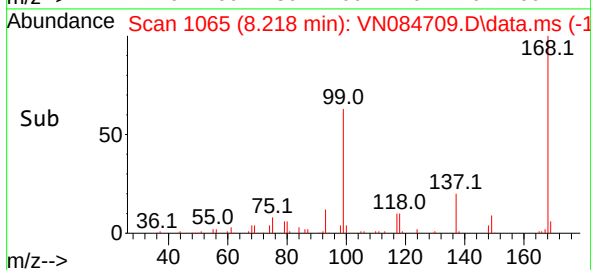
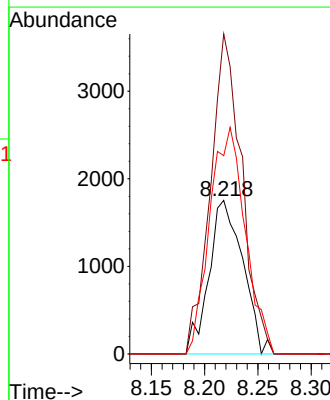
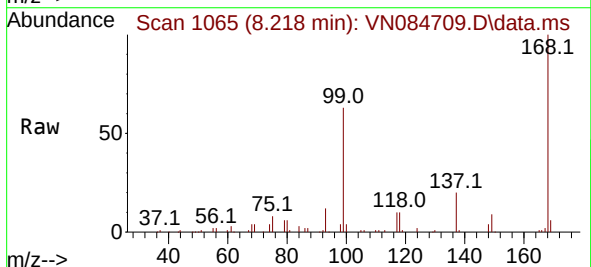
Instrument :
MSVOA_N
ClientSampleId :
BP-BPOW6-7-GW-20241030

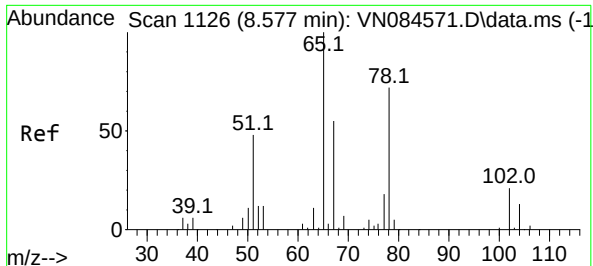
Tgt Ion: 43 Resp: 3427
Ion Ratio Lower Upper
43 100
74 23.1 19.2 28.8



#31
Cyclohexane
Concen: 1.026 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084709.D
Acq: 06 Nov 2024 14:26

Tgt Ion: 56 Resp: 3879
Ion Ratio Lower Upper
56 100
69 208.4 23.8 35.6#
84 129.2 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 48.507 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084709.D

Acq: 06 Nov 2024 14:26

Instrument :

MSVOA_N

ClientSampleId :

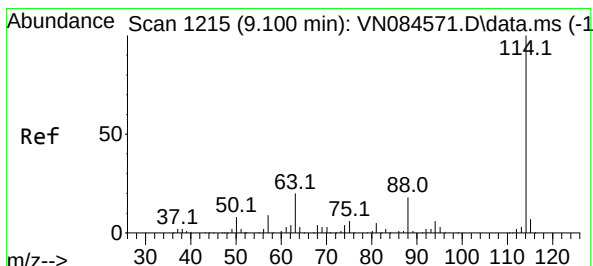
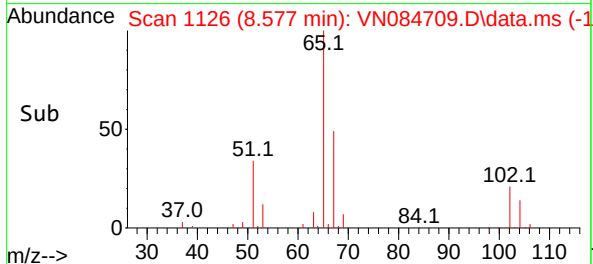
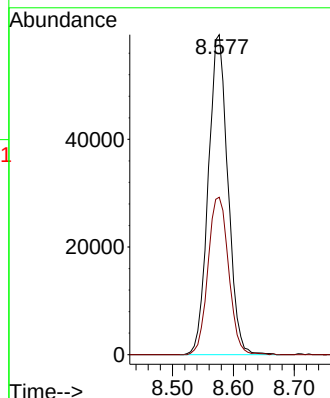
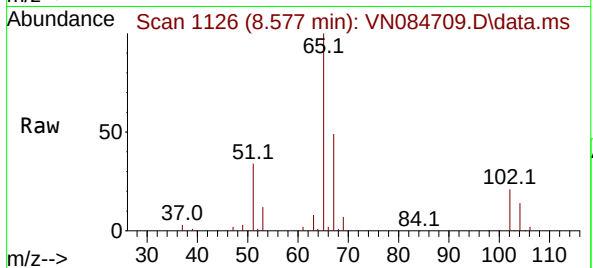
BP-BPOW6-7-GW-20241030

Tgt Ion: 65 Resp: 132803

Ion Ratio Lower Upper

65 100

67 51.9 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: VN084709.D

Acq: 06 Nov 2024 14:26

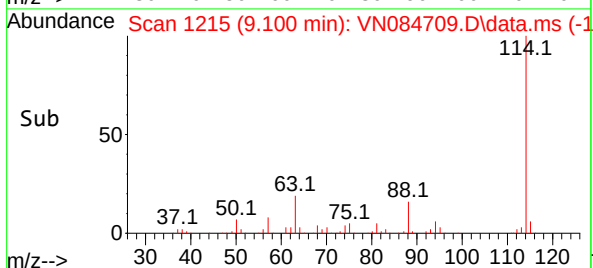
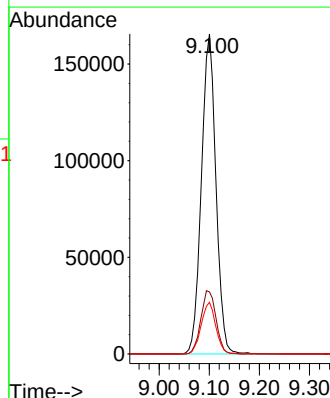
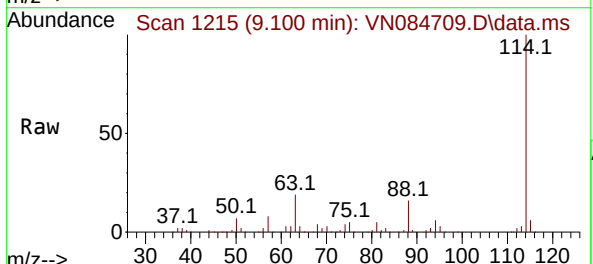
Tgt Ion: 114 Resp: 333260

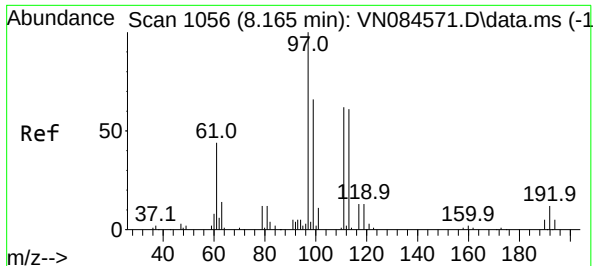
Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.8

88 16.2 0.0 31.6





#35

Dibromofluoromethane

Concen: 47.354 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN084709.D

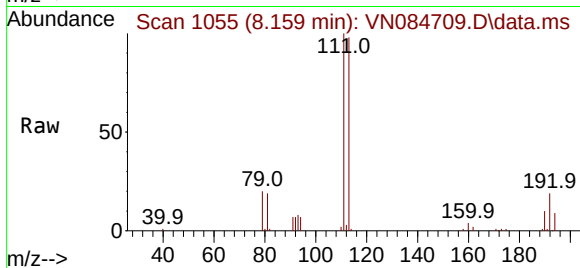
Acq: 06 Nov 2024 14:26

Instrument :

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ClientSampleId :

BP-BPOW6-7-GW-20241030



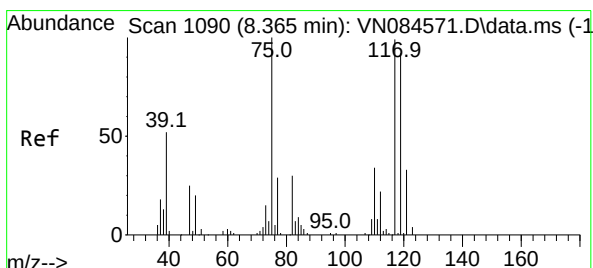
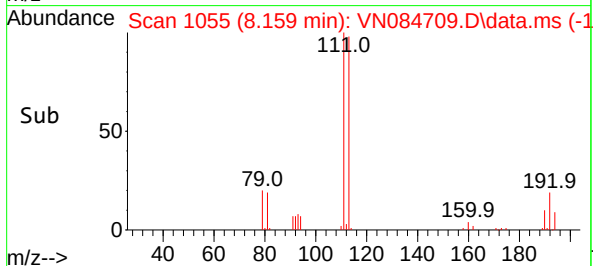
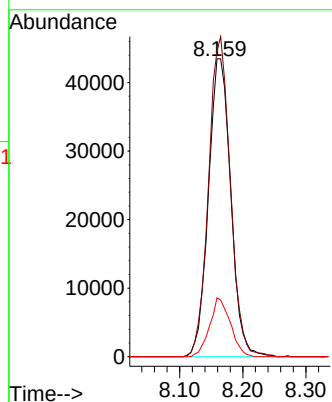
Tgt Ion:113 Resp: 106820

Ion Ratio Lower Upper

113 100

111 104.7 83.3 124.9

192 18.3 13.5 20.3



#36

1,1-Dichloropropene

Concen: 4.785 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084709.D

Acq: 06 Nov 2024 14:26

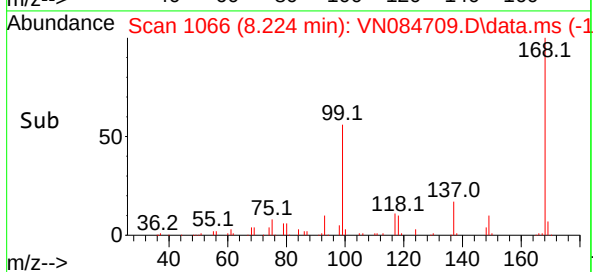
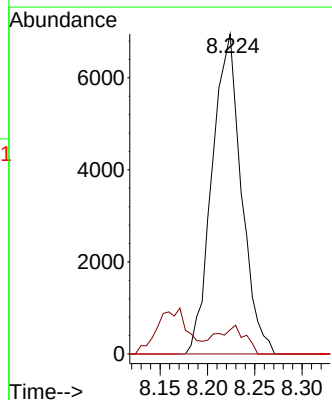
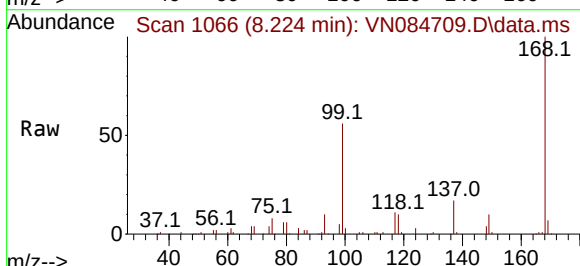
Tgt Ion: 75 Resp: 14971

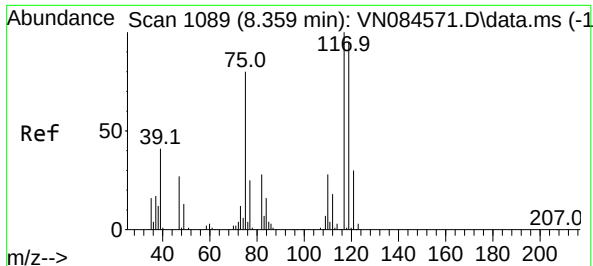
Ion Ratio Lower Upper

75 100

110 8.8 16.9 50.7#

77 0.0 24.7 37.1#

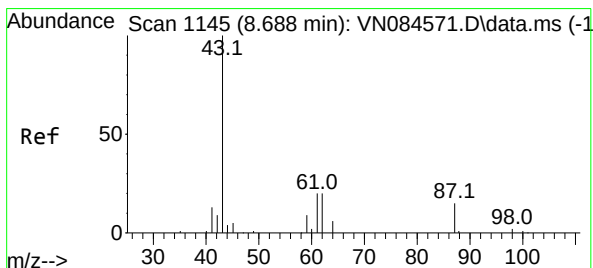
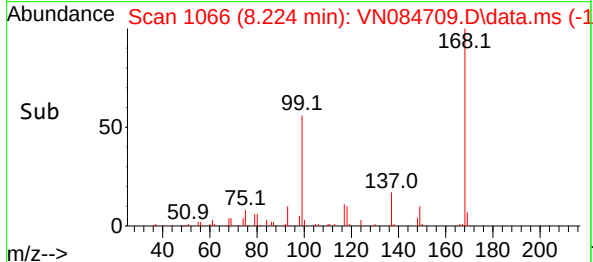
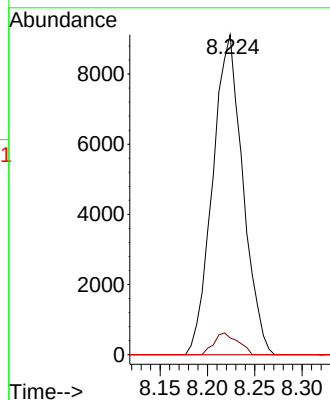
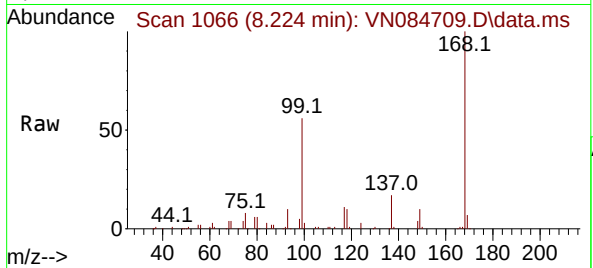




#38
Carbon Tetrachloride
Concen: 5.787 ug/l
RT: 8.224 min Scan# 1109
Delta R.T. -0.135 min
Lab File: VN084709.D
Acq: 06 Nov 2024 14:26

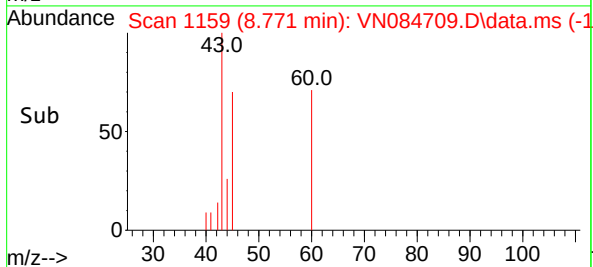
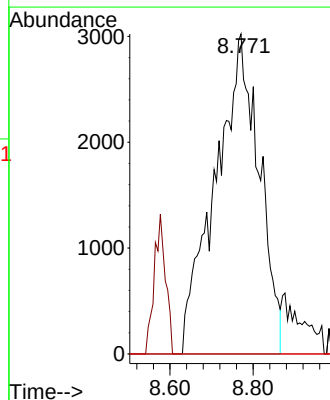
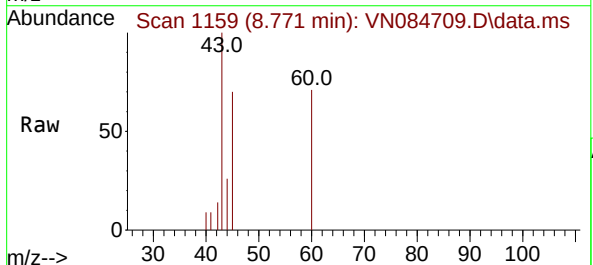
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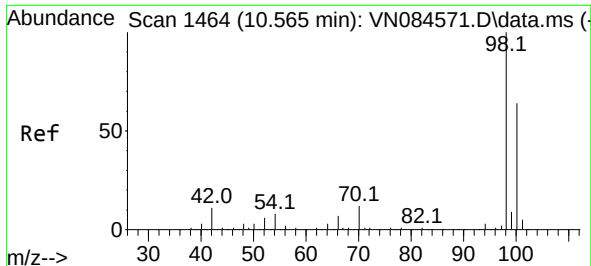
Tgt Ion:117 Resp: 20235
Ion Ratio Lower Upper
117 100
119 5.3 78.7 118.1#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 3.301 ug/l
RT: 8.771 min Scan# 1159
Delta R.T. 0.083 min
Lab File: VN084709.D
Acq: 06 Nov 2024 14:26

Tgt Ion: 43 Resp: 22036
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#

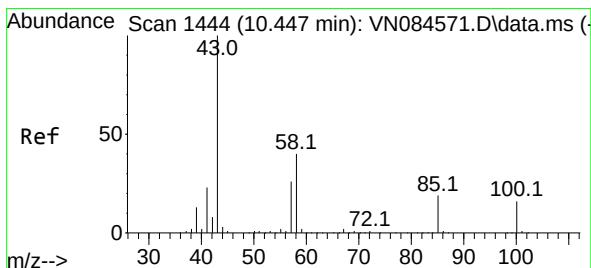
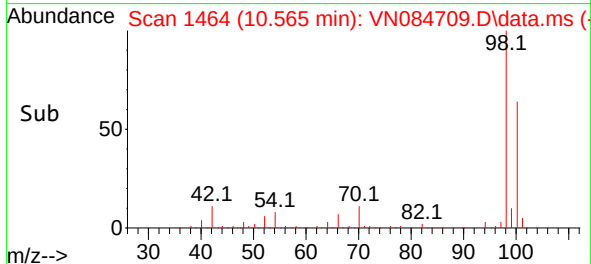
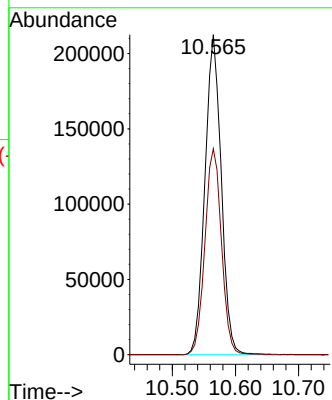
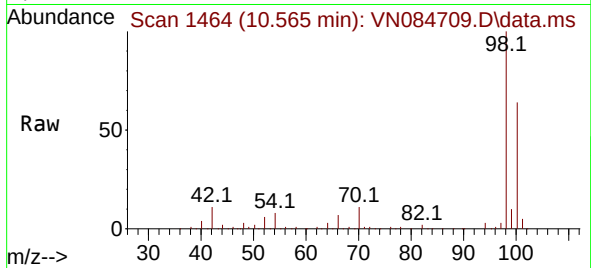




#50
Toluene-d8
Concen: 45.744 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084709.D
Acq: 06 Nov 2024 14:26

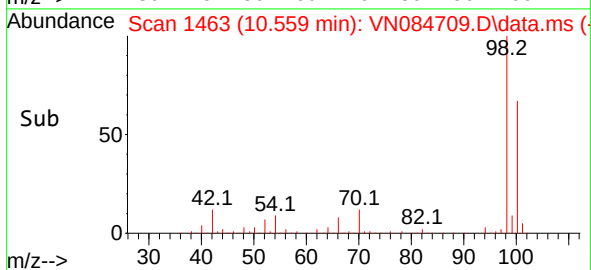
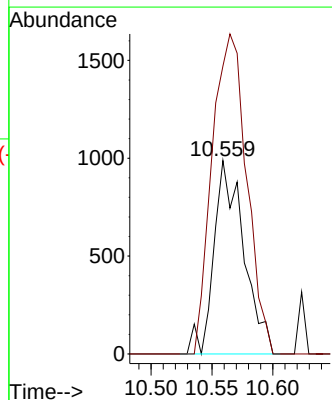
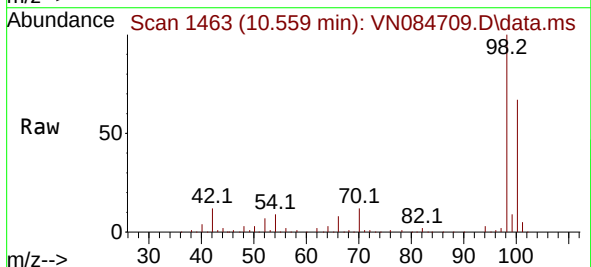
Instrument :
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BP-BPOW6-7-GW-20241030

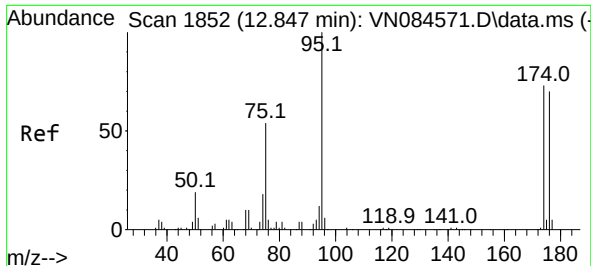
Tgt Ion: 98 Resp: 380113
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.624 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.118 min
Lab File: VN084709.D
Acq: 06 Nov 2024 14:26

Tgt Ion: 43 Resp: 1688
Ion Ratio Lower Upper
43 100
58 191.4 31.6 47.4#





#62

4-Bromofluorobenzene

Concen: 45.828 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084709.D

Acq: 06 Nov 2024 14:26

Instrument :

MSVOA_N

ClientSampleId :

BP-BPOW6-7-GW-20241030

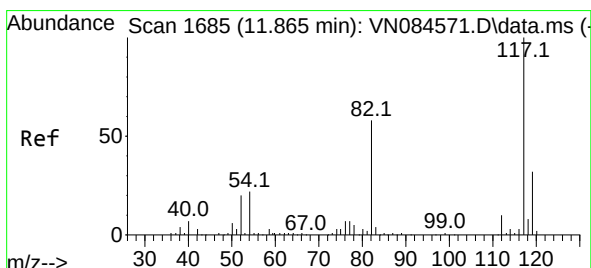
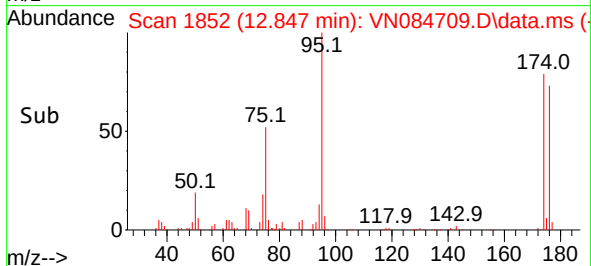
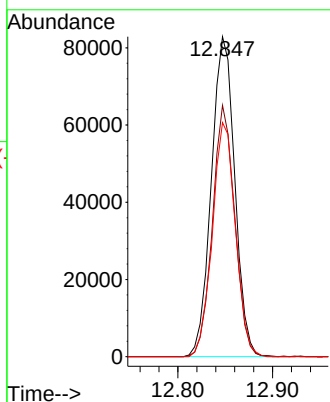
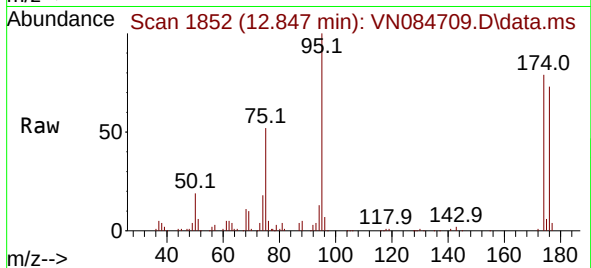
Tgt Ion: 95 Resp: 142321

Ion Ratio Lower Upper

95 100

174 74.7 0.0 145.2

176 72.2 0.0 140.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VN084709.D

Acq: 06 Nov 2024 14:26

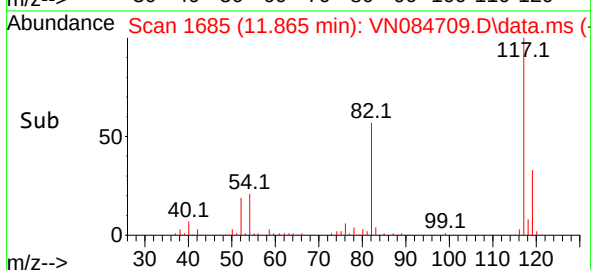
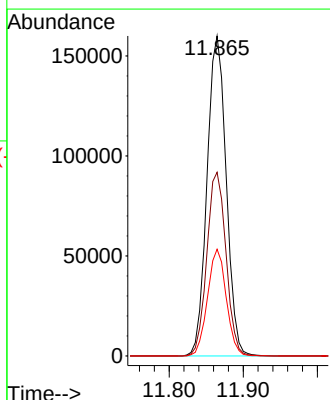
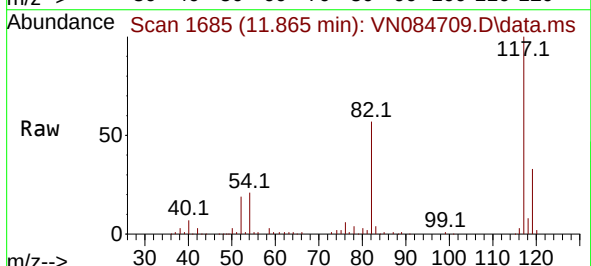
Tgt Ion: 117 Resp: 287186

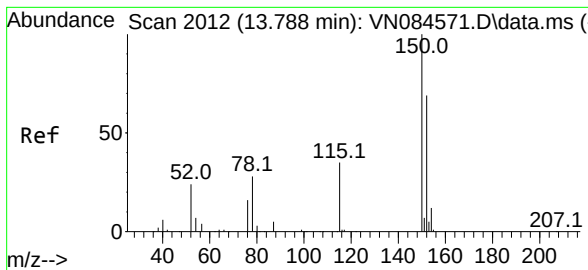
Ion Ratio Lower Upper

117 100

82 57.4 47.2 70.8

119 33.4 25.4 38.0

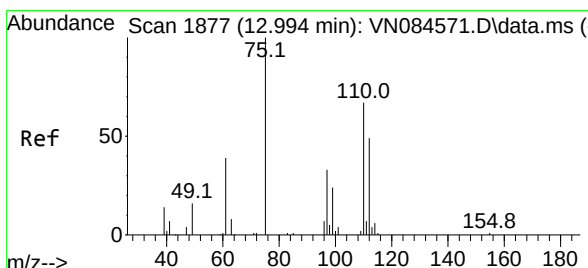
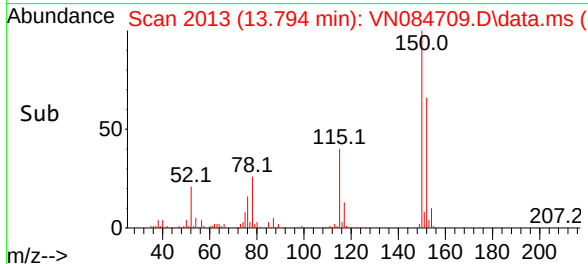
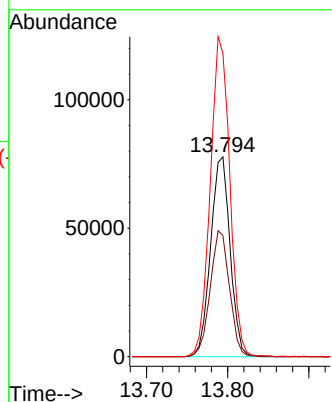
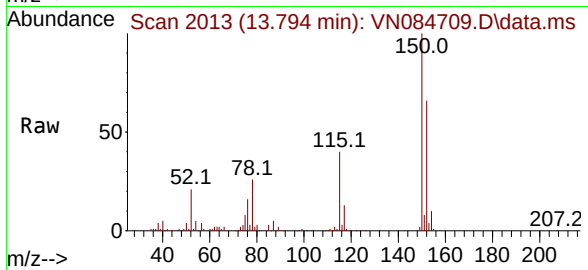




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2012
Delta R.T. 0.006 min
Lab File: VN084709.D
Acq: 06 Nov 2024 14:26

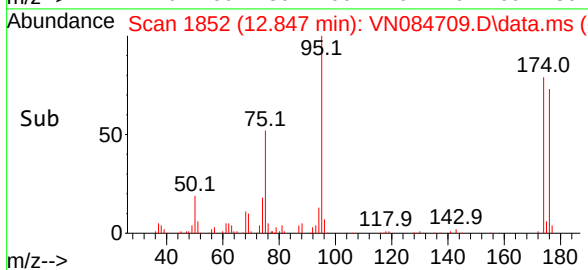
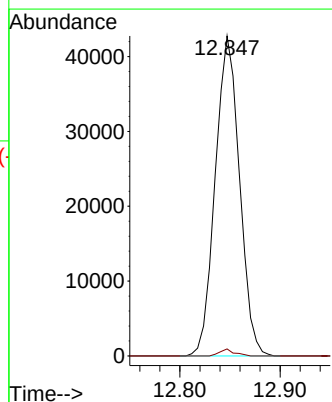
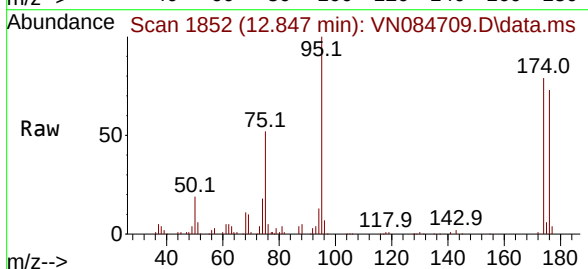
Instrument :
MSVOA_N
ClientSampleId :
BP-BPOW6-7-GW-20241030

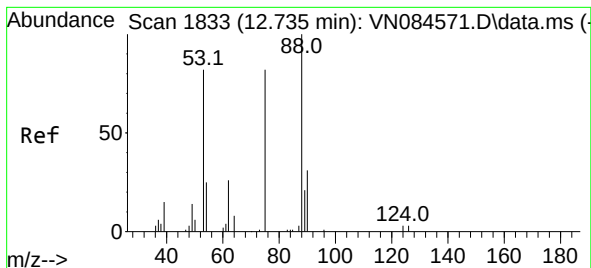
Tgt Ion:152 Resp: 129474
Ion Ratio Lower Upper
152 100
115 62.3 31.3 93.9
150 160.4 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 27.760 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084709.D
Acq: 06 Nov 2024 14:26

Tgt Ion: 75 Resp: 71845
Ion Ratio Lower Upper
75 100
77 1.3 96.9 290.7#

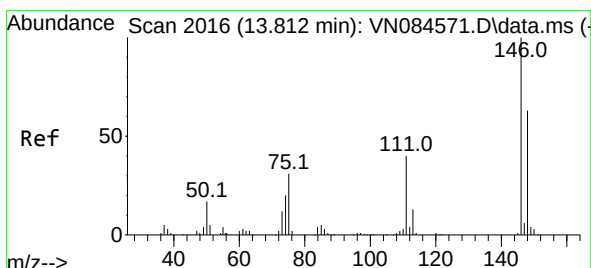
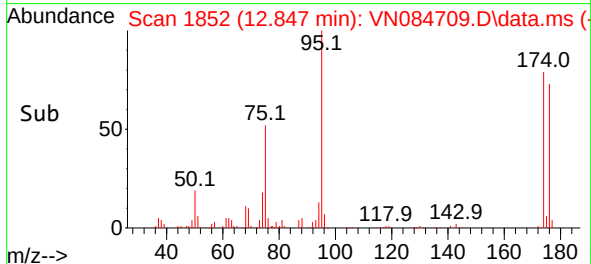
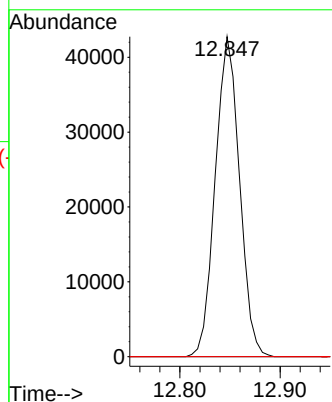
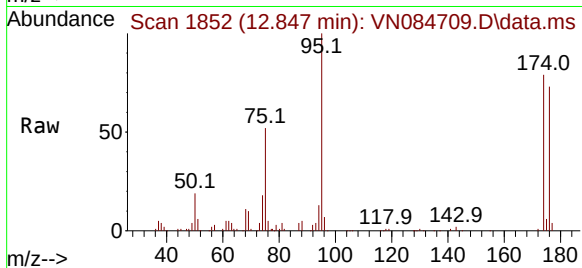




#81
trans-1,4-Dichloro-2-butene
Concen: 65.857 ug/l
RT: 12.847 min Scan# 1833
Delta R.T. 0.112 min
Lab File: VN084709.D
Acq: 06 Nov 2024 14:26

Instrument :
MSVOA_N
ClientSampleId :
BP-BPOW6-7-GW-20241030

Tgt Ion: 75 Resp: 71845
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: VN084709.D
Acq: 06 Nov 2024 14:26

Tgt Ion:146 Resp: 756
Ion Ratio Lower Upper
146 100
111 0.0 21.2 63.6#
148 133.7 31.9 95.9#

