

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110624\
 Data File : VN084710.D
 Acq On : 06 Nov 2024 14:50
 Operator : JC\MD
 Sample : P4710-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-BPOW6-11-GW-20241031

Quant Time: Nov 07 00:19:32 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)

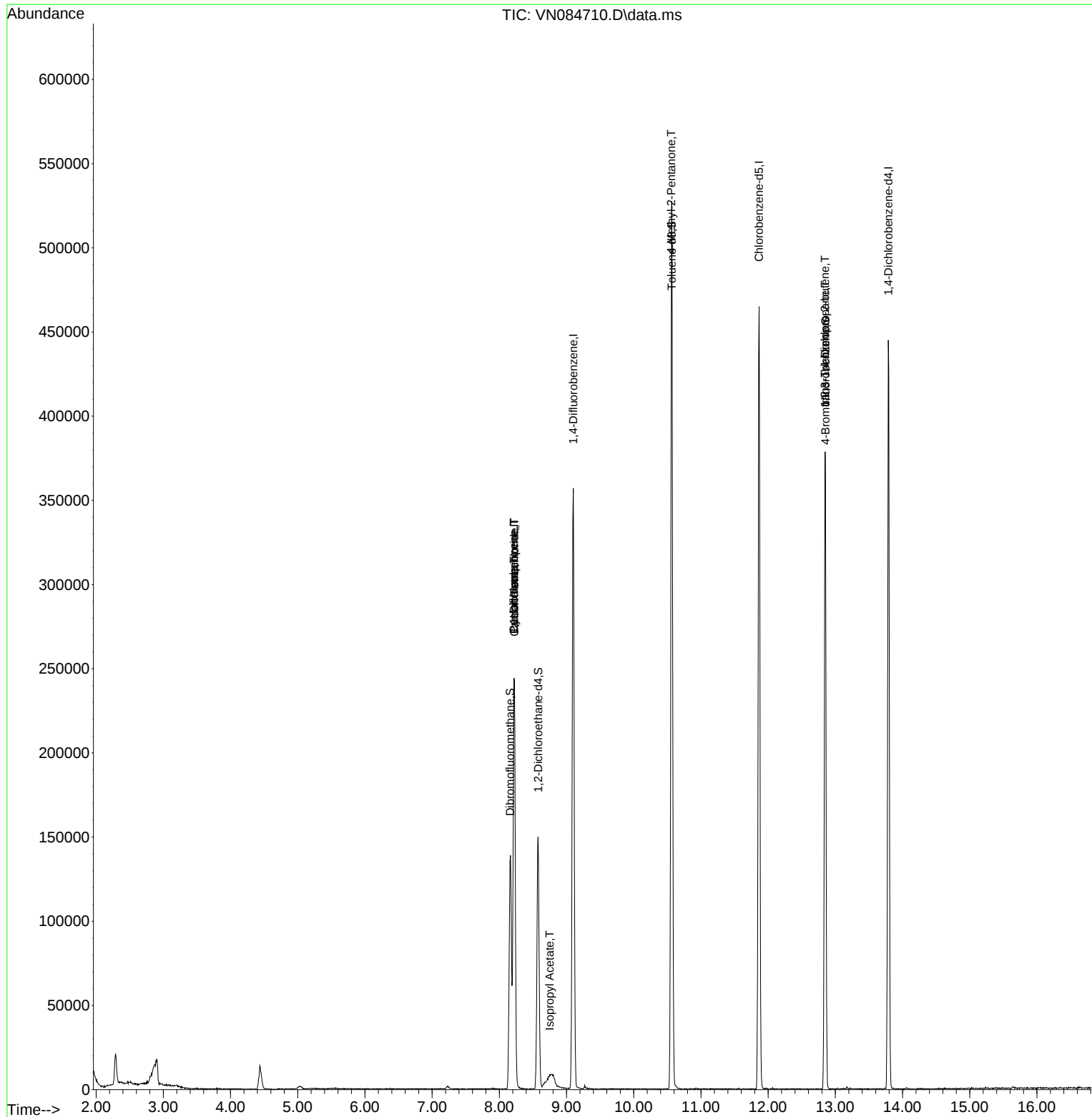
Internal Standards						
1) Pentafluorobenzene	8.218	168	178323	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	310385	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	273551	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	118494	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	123275	47.863	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.720%		
35) Dibromofluoromethane	8.159	113	102809	48.935	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.860%		
50) Toluene-d8	10.565	98	360006	46.517	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.040%		
62) 4-Bromofluorobenzene	12.853	95	137261	47.456	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.920%		
Target Compounds						
3) Chloromethane	2.360	50	637	Below Cal	#	84
6) Chloroethane	3.142	64	269	Below Cal	#	45
16) Acetone	4.442	43	789	Below Cal	#	44
18) Methyl Acetate	5.024	43	4130	Below Cal	#	88
31) Cyclohexane	8.218	56	3911	1.100	ug/l #	21
36) 1,1-Dichloropropene	8.218	75	14383	4.936	ug/l #	53
38) Carbon Tetrachloride	8.224	117	20596	6.324	ug/l #	15
43) Isopropyl Acetate	8.747	43	11208	1.356	ug/l #	56
51) 4-Methyl-2-Pentanone	10.559	43	1628	0.646	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	68779	29.037	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	68779	68.888	ug/l #	11
88) 1,4-Dichlorobenzene	13.812	146	518	Below Cal	#	24

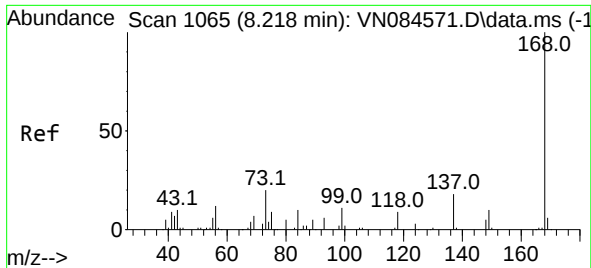
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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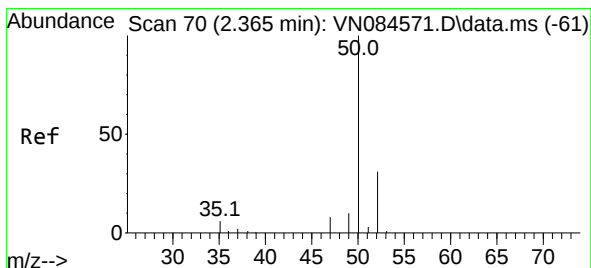
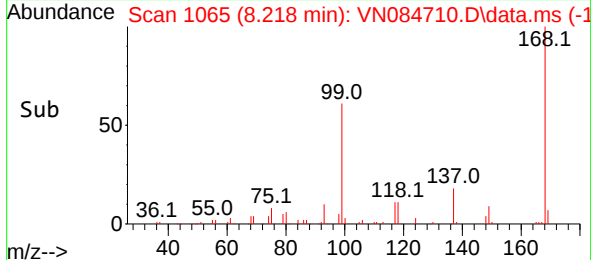
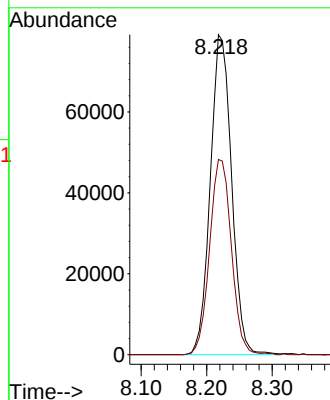
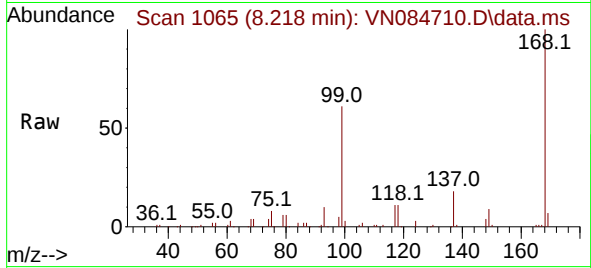




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084710.D
Acq: 06 Nov 2024 14:50

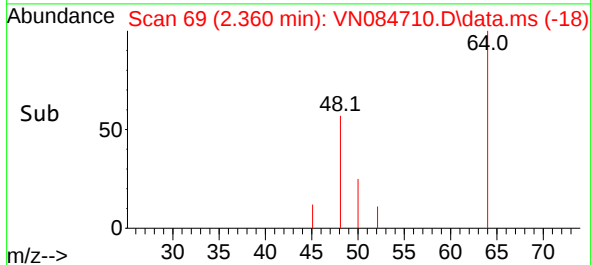
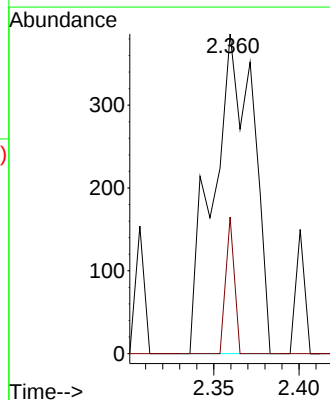
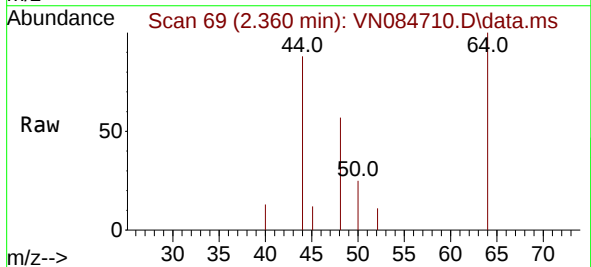
Instrument : MSVOA_N
ClientSampleId : BP-BPOW6-11-GW-20241031

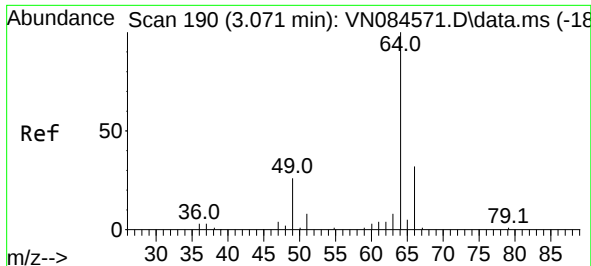
Tgt Ion:168 Resp: 178323
Ion Ratio Lower Upper
168 100
99 61.0 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.360 min Scan# 69
Delta R.T. 0.001 min
Lab File: VN084710.D
Acq: 06 Nov 2024 14:50

Tgt Ion: 50 Resp: 637
Ion Ratio Lower Upper
50 100
52 42.7 26.8 40.2#

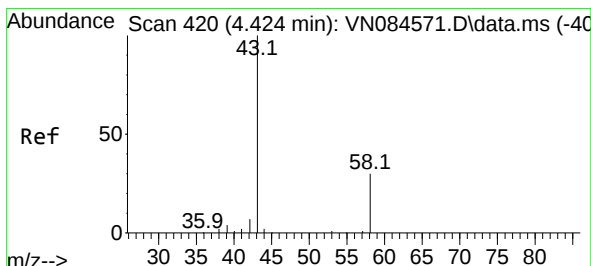
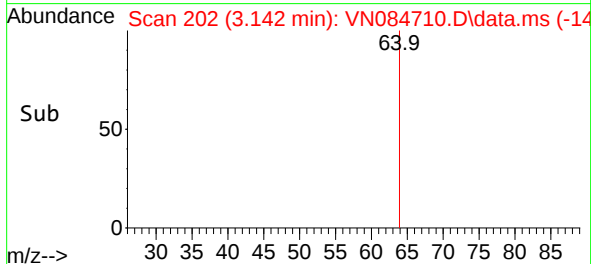
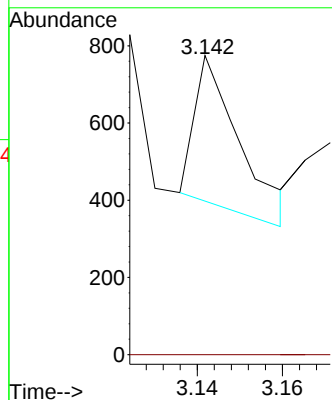
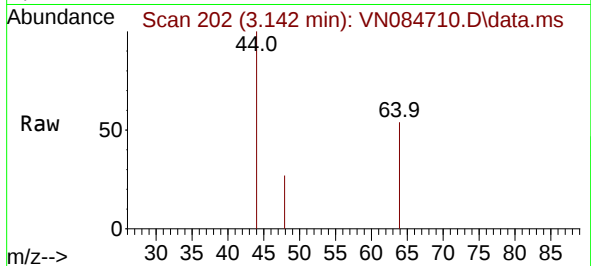




#6
Chloroethane
Concen: Below Cal
RT: 3.142 min Scan# 20
Delta R.T. 0.024 min
Lab File: VN084710.D
Acq: 06 Nov 2024 14:50

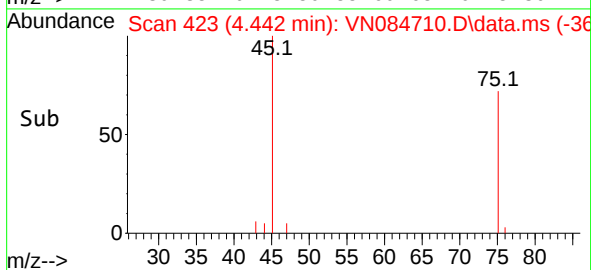
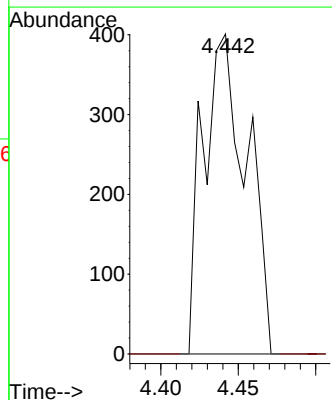
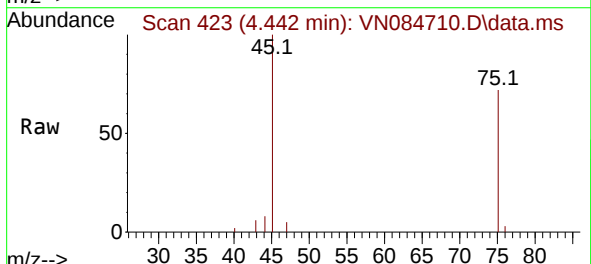
Instrument :
MSVOA_N
ClientSampleId :
BP-BPOW6-11-GW-20241031

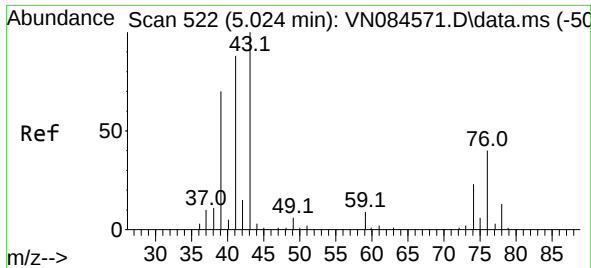
Tgt Ion: 64 Resp: 269
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#16
Acetone
Concen: Below Cal
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN084710.D
Acq: 06 Nov 2024 14:50

Tgt Ion: 43 Resp: 789
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#

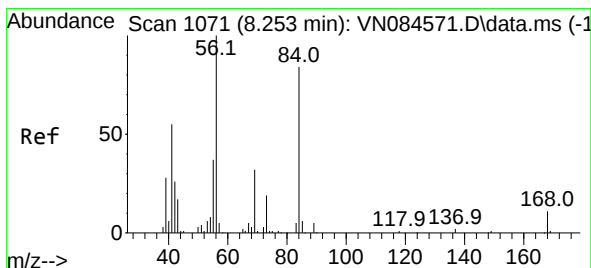
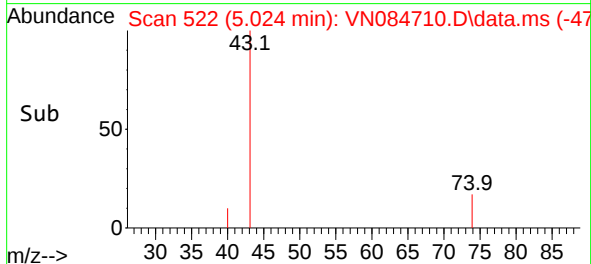
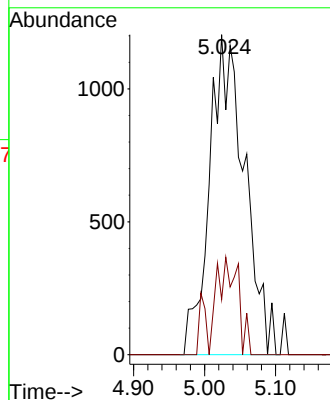
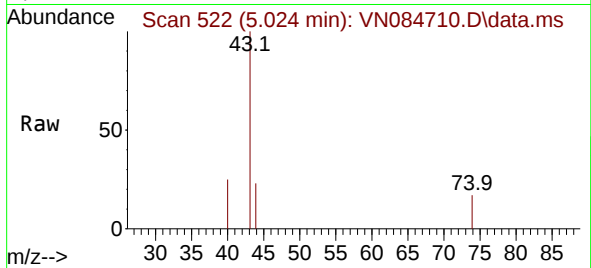




#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN084710.D
Acq: 06 Nov 2024 14:50

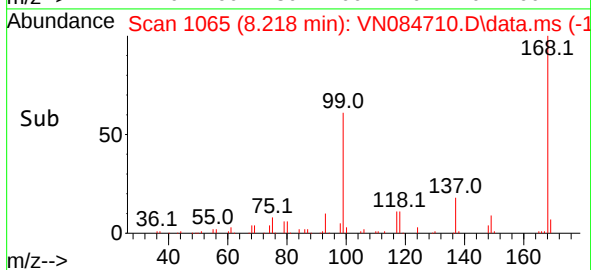
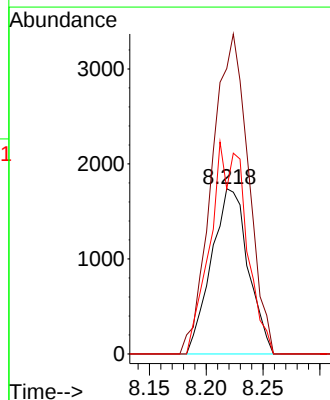
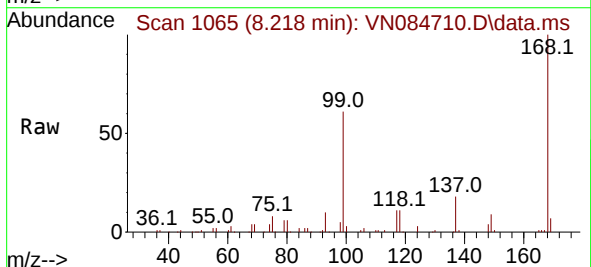
Instrument :
MSVOA_N
ClientSampleId :
BP-BPOW6-11-GW-20241031

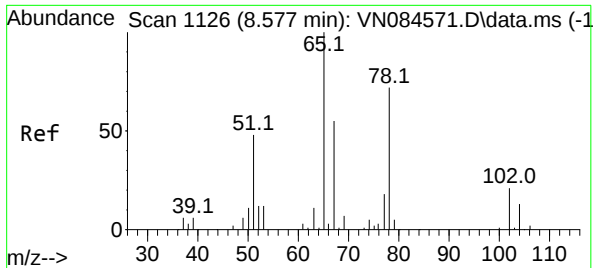
Tgt Ion: 43 Resp: 4130
Ion Ratio Lower Upper
43 100
74 18.2 19.2 28.8#



#31
Cyclohexane
Concen: 1.100 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084710.D
Acq: 06 Nov 2024 14:50

Tgt Ion: 56 Resp: 3911
Ion Ratio Lower Upper
56 100
69 172.7 23.8 35.6#
84 99.9 68.8 103.2

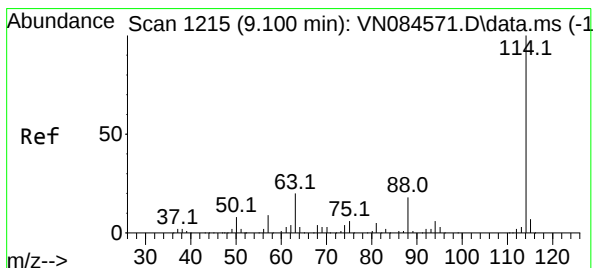
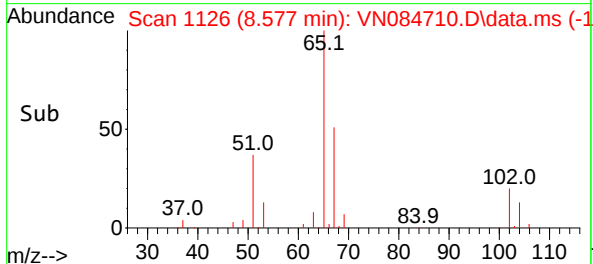
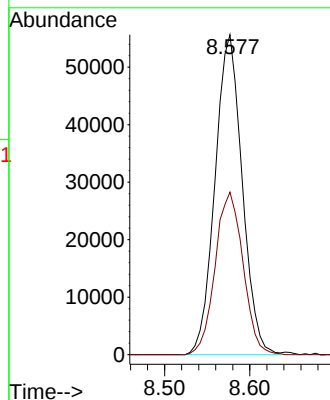
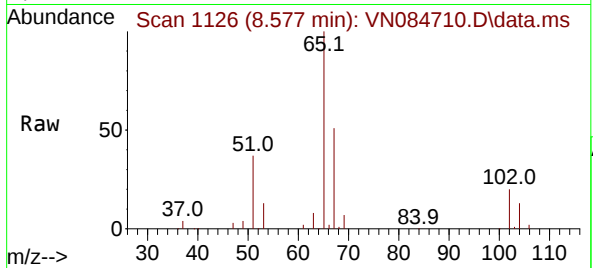




#33
 1,2-Dichloroethane-d4
 Concen: 47.863 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN084710.D
 Acq: 06 Nov 2024 14:50

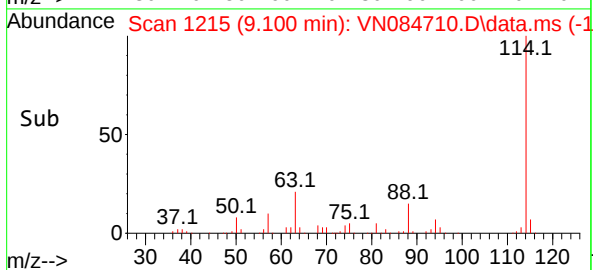
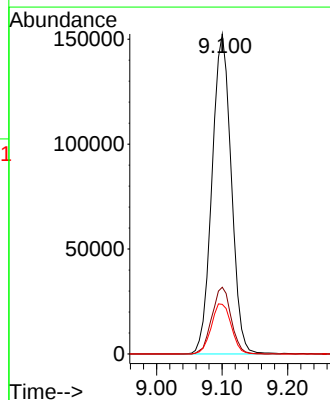
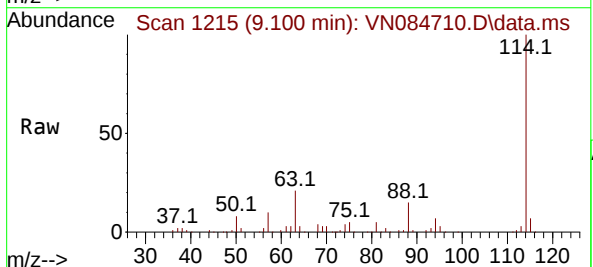
Instrument : MSVOA_N
 ClientSampleId : BP-BPOW6-11-GW-20241031

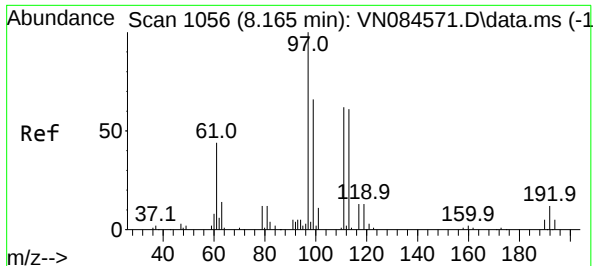
Tgt Ion: 65 Resp: 123275
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084710.D
 Acq: 06 Nov 2024 14:50

Tgt Ion: 114 Resp: 310385
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 43.8
 88 15.5 0.0 31.6

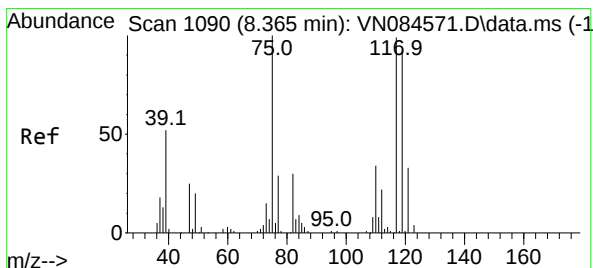
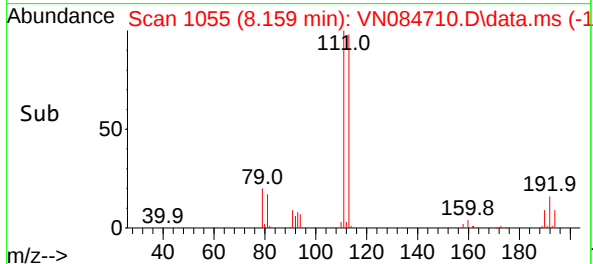
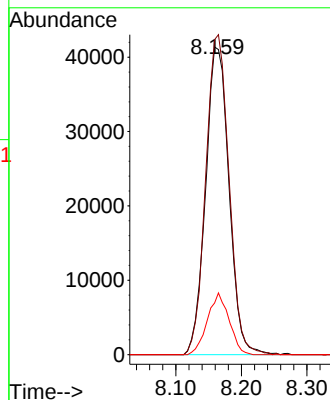
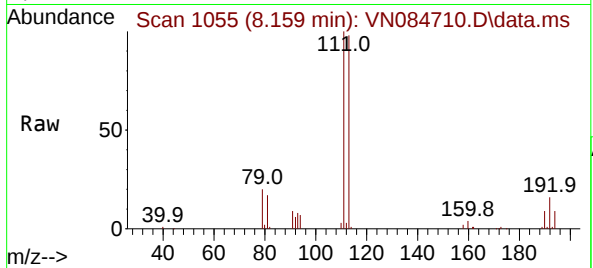




#35
Dibromofluoromethane
Concen: 48.935 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN084710.D
Acq: 06 Nov 2024 14:50

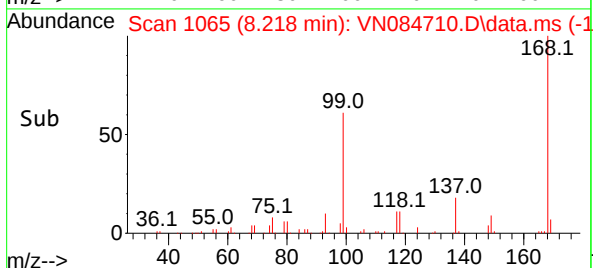
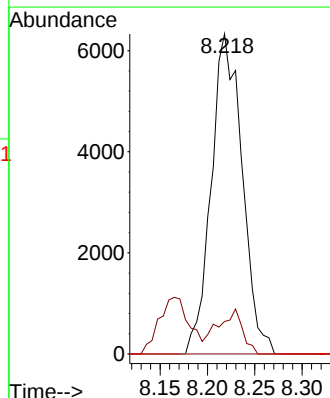
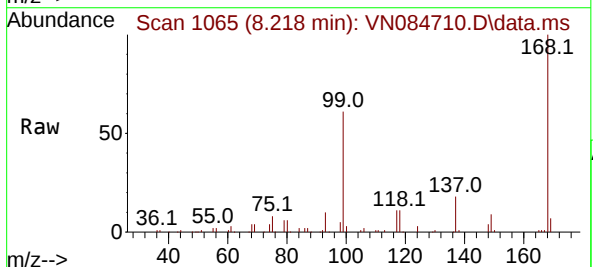
Instrument : MSVOA_N
ClientSampleId : BP-BPOW6-11-GW-20241031

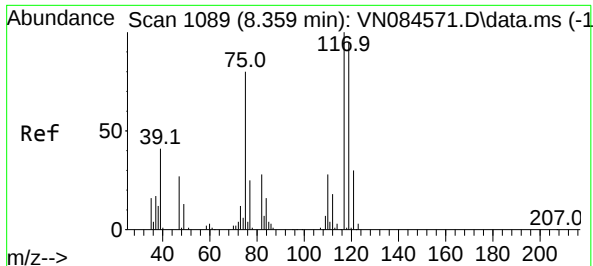
Tgt Ion:113 Resp: 102809
Ion Ratio Lower Upper
113 100
111 103.3 83.3 124.9
192 18.5 13.5 20.3



#36
1,1-Dichloropropene
Concen: 4.936 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN084710.D
Acq: 06 Nov 2024 14:50

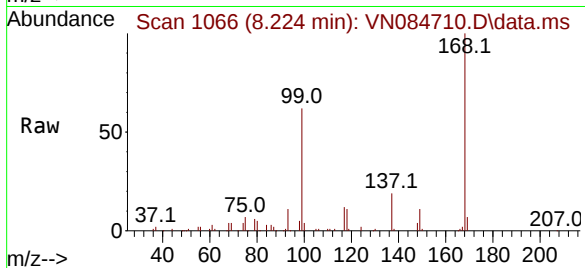
Tgt Ion: 75 Resp: 14383
Ion Ratio Lower Upper
75 100
110 11.4 16.9 50.7#
77 0.0 24.7 37.1#



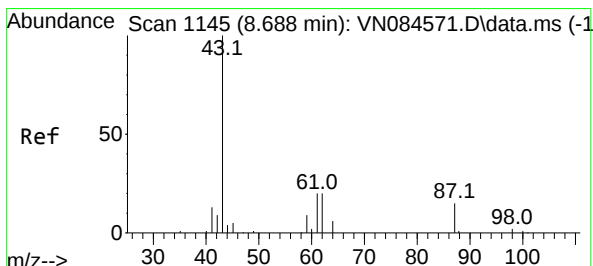
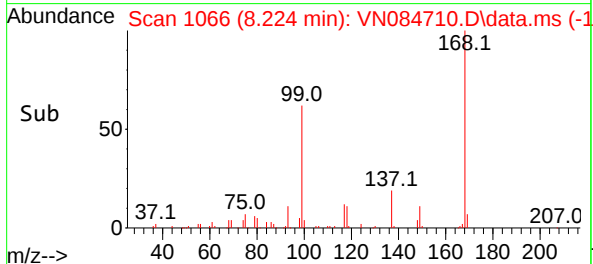
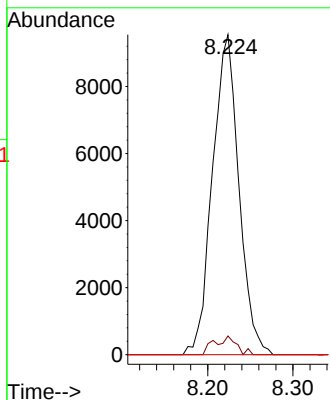


#38
Carbon Tetrachloride
Concen: 6.324 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. -0.135 min
Lab File: VN084710.D
Acq: 06 Nov 2024 14:50

Instrument : MSVOA_N
ClientSampleId : BP-BPOW6-11-GW-20241031

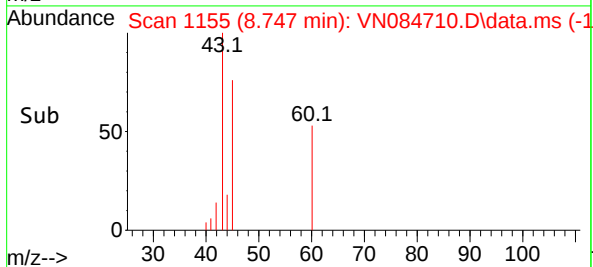
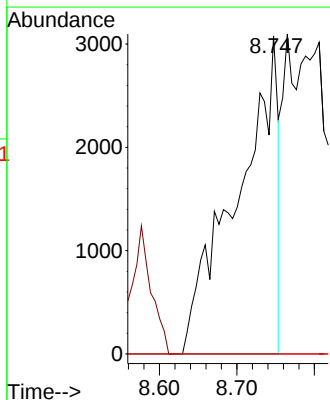
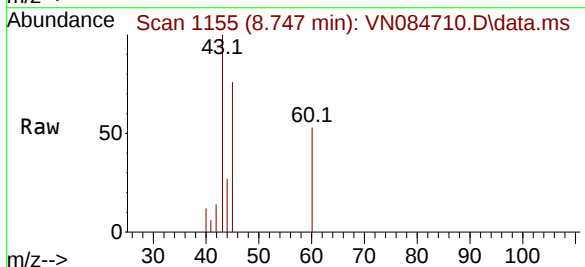


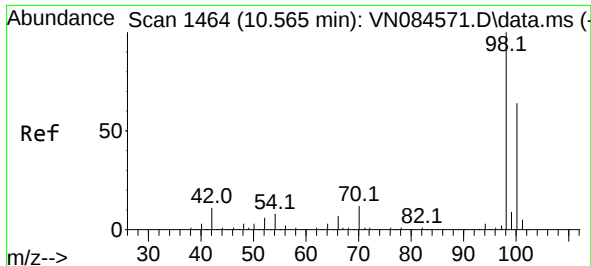
Tgt Ion: 117 Resp: 20596
Ion Ratio Lower Upper
117 100
119 5.9 78.7 118.1#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 1.356 ug/l
RT: 8.747 min Scan# 1155
Delta R.T. 0.059 min
Lab File: VN084710.D
Acq: 06 Nov 2024 14:50

Tgt Ion: 43 Resp: 11208
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#

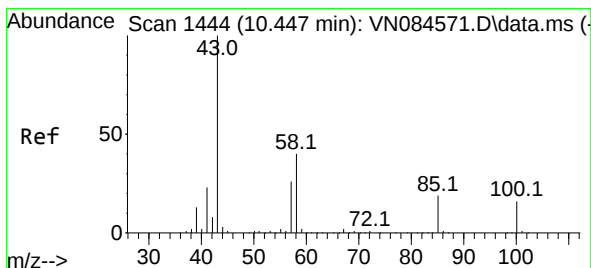
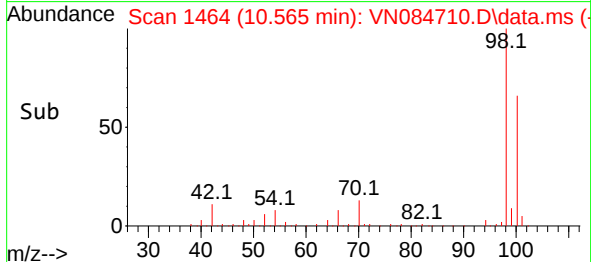
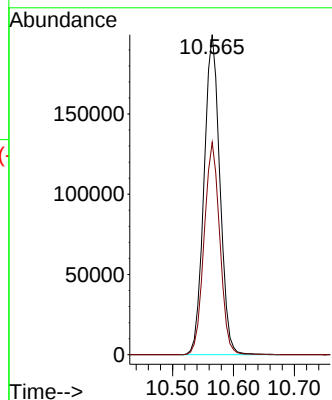
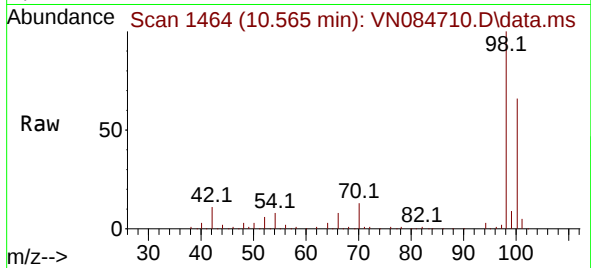




#50
Toluene-d8
Concen: 46.517 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084710.D
Acq: 06 Nov 2024 14:50

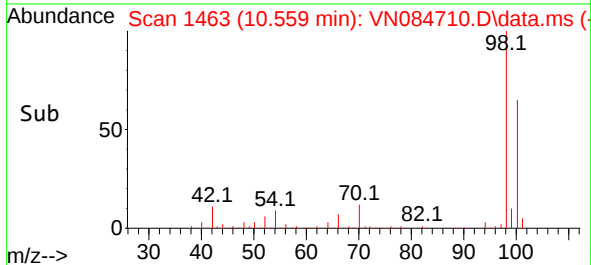
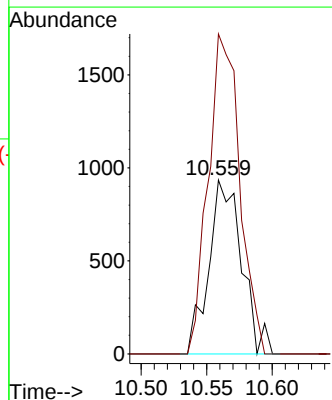
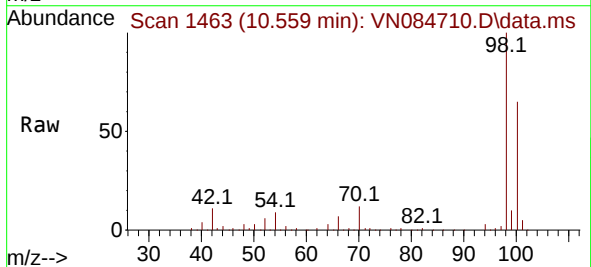
Instrument :
MSVOA_N
ClientSampleId :
BP-BPOW6-11-GW-20241031

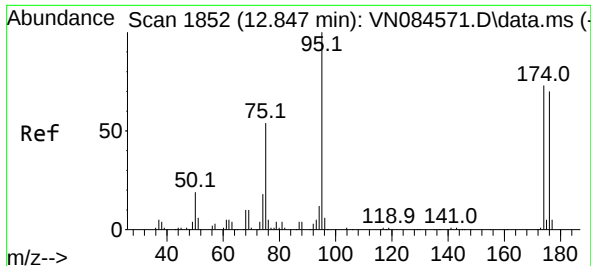
Tgt Ion: 98 Resp: 360006
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.646 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.118 min
Lab File: VN084710.D
Acq: 06 Nov 2024 14:50

Tgt Ion: 43 Resp: 1628
Ion Ratio Lower Upper
43 100
58 177.1 31.6 47.4#

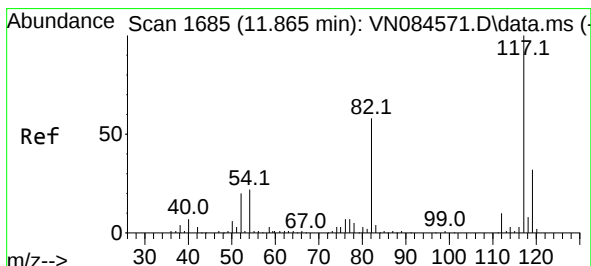
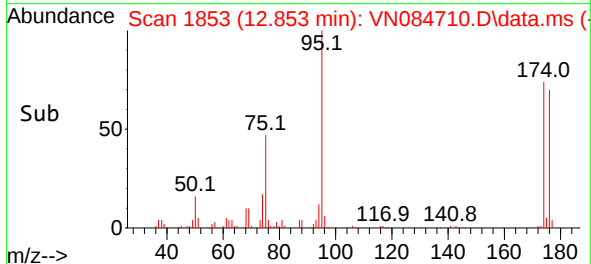
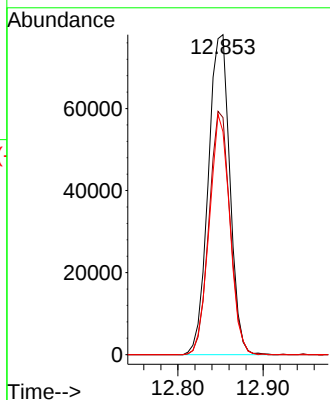
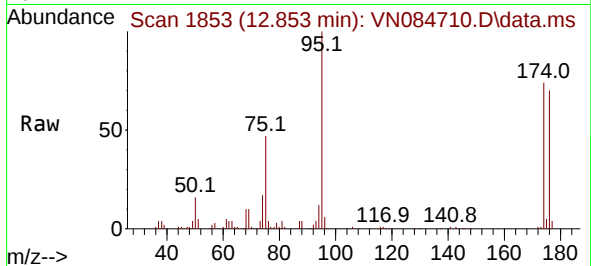




#62
4-Bromofluorobenzene
Concen: 47.456 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN084710.D
Acq: 06 Nov 2024 14:50

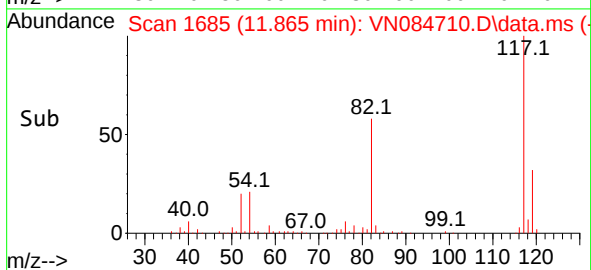
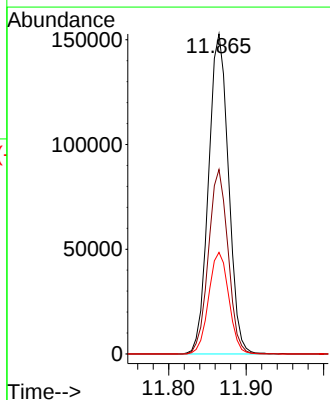
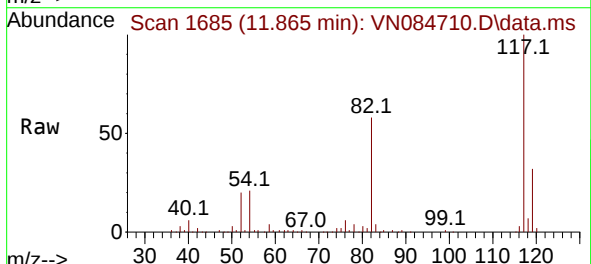
Instrument :
MSVOA_N
ClientSampleId :
BP-BPOW6-11-GW-20241031

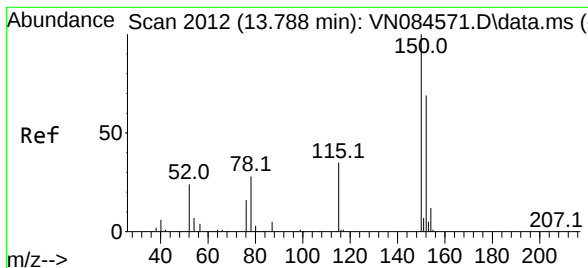
Tgt Ion: 95 Resp: 137261
Ion Ratio Lower Upper
95 100
174 74.1 0.0 145.2
176 71.2 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084710.D
Acq: 06 Nov 2024 14:50

Tgt Ion: 117 Resp: 273551
Ion Ratio Lower Upper
117 100
82 57.7 47.2 70.8
119 31.8 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN084710.D

Acq: 06 Nov 2024 14:50

Instrument :

MSVOA_N

ClientSampleId :

BP-BPOW6-11-GW-20241031

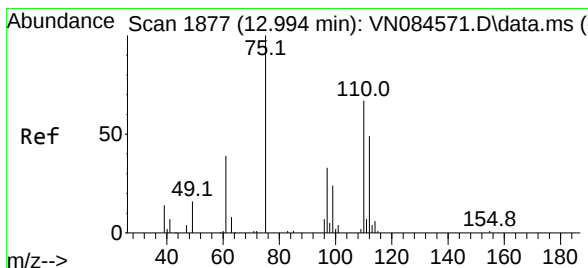
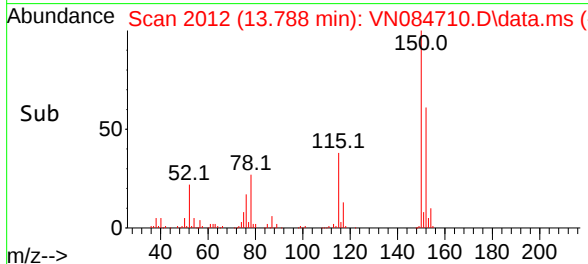
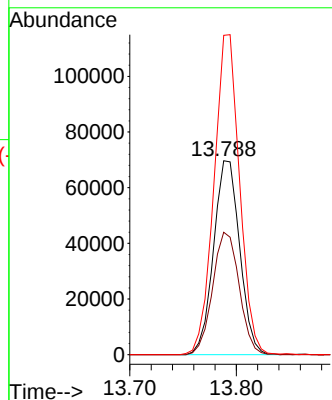
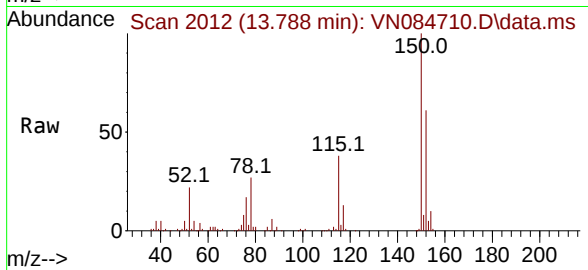
Tgt Ion:152 Resp: 118494

Ion Ratio Lower Upper

152 100

115 64.2 31.3 93.9

150 161.9 0.0 349.8



#76

1,2,3-Trichloropropane

Concen: 29.037 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN084710.D

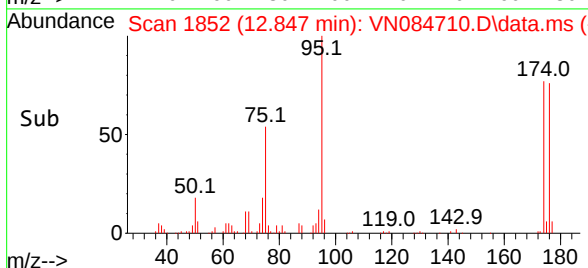
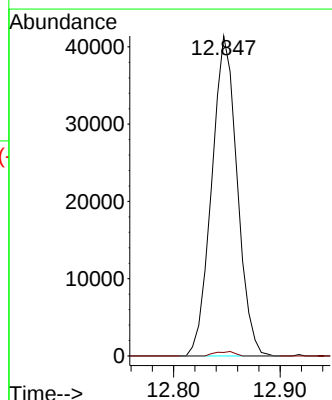
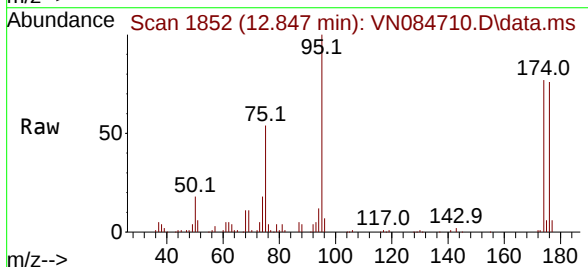
Acq: 06 Nov 2024 14:50

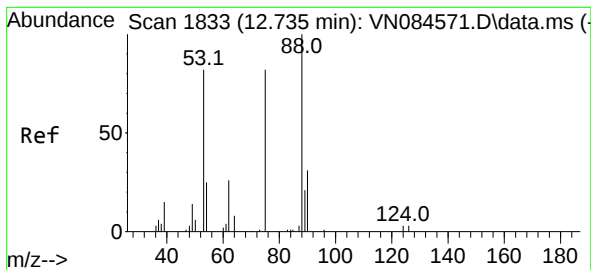
Tgt Ion: 75 Resp: 68779

Ion Ratio Lower Upper

75 100

77 1.1 96.9 290.7#

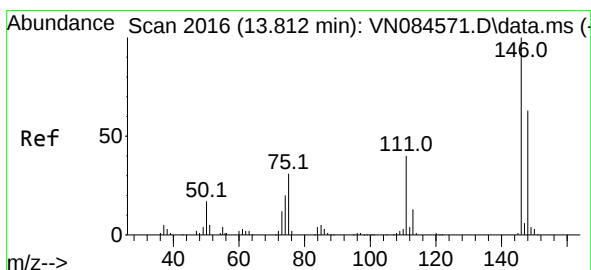
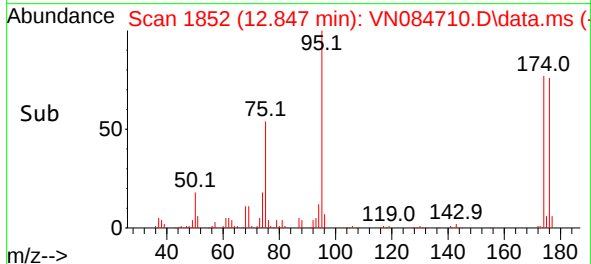
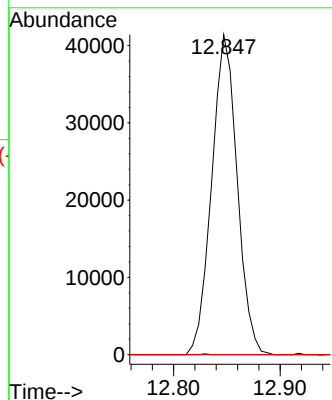
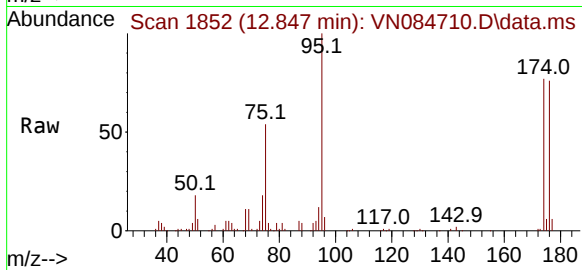




#81
trans-1,4-Dichloro-2-butene
Concen: 68.888 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084710.D
Acq: 06 Nov 2024 14:50

Instrument :
MSVOA_N
ClientSampleId :
BP-BPOW6-11-GW-20241031

Tgt Ion: 75 Resp: 68779
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.1 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: VN084710.D
Acq: 06 Nov 2024 14:50

Tgt Ion:146 Resp: 518
Ion Ratio Lower Upper
146 100
111 0.0 21.2 63.6#
148 0.0 31.9 95.9#

