

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110824\
 Data File : VN084746.D
 Acq On : 08 Nov 2024 13:44
 Operator : JC\MD
 Sample : P4774-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190-TB-20241105

Quant Time: Nov 08 22:30:13 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)

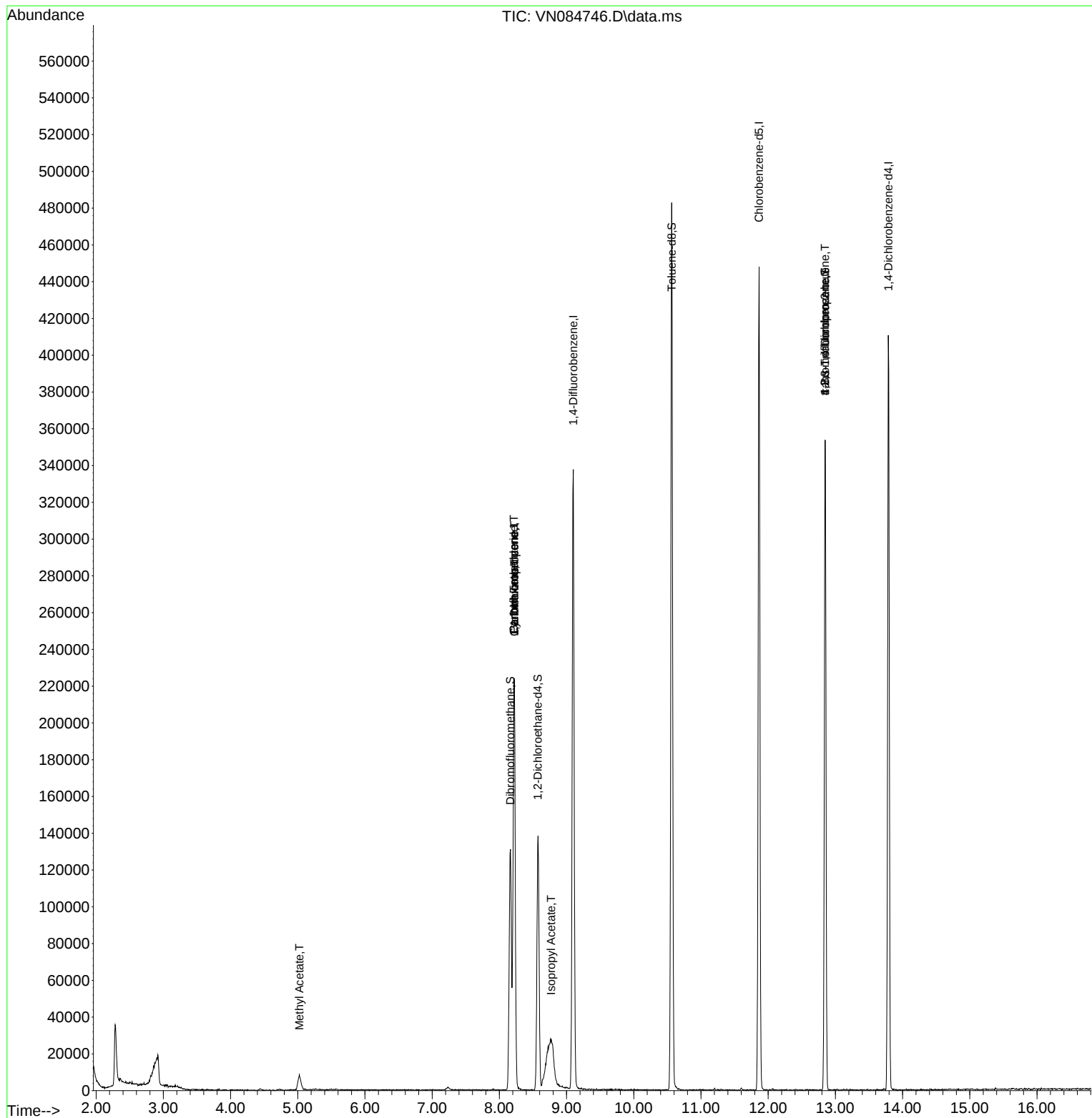
Internal Standards						
1) Pentafluorobenzene	8.218	168	164125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	293667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	256546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	111909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	117110	49.403	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.800%		
35) Dibromofluoromethane	8.165	113	96422	48.508	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.020%		
50) Toluene-d8	10.565	98	332676	45.433	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.860%		
62) 4-Bromofluorobenzene	12.847	95	125399	45.823	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	91.640%		
Target Compounds						
3) Chloromethane	2.359	50	1438	Below Cal	Qvalue	94
6) Chloroethane	3.159	64	409	Below Cal	#	45
16) Acetone	4.453	43	744	Below Cal	#	44
18) Methyl Acetate	5.024	43	16971	3.035	ug/l	98
31) Cyclohexane	8.224	56	3298	1.008	ug/l	# 18
36) 1,1-Dichloropropene	8.224	75	13451	4.879	ug/l	# 50
38) Carbon Tetrachloride	8.218	117	17197	5.581	ug/l	# 15
43) Isopropyl Acetate	8.771	43	73010	15.127	ug/l	# 56
76) 1,2,3-Trichloropropane	12.847	75	63843	28.539	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.847	75	63843	67.707	ug/l	# 11
88) 1,4-Dichlorobenzene	13.812	146	447	Below Cal	#	24

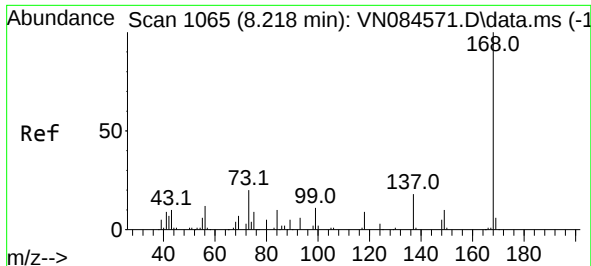
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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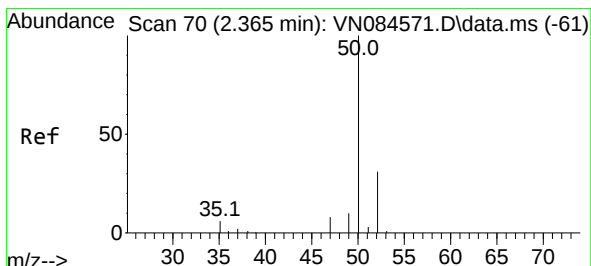
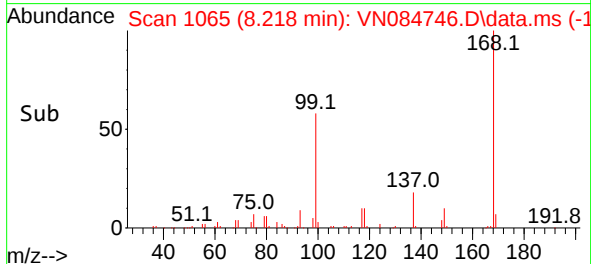
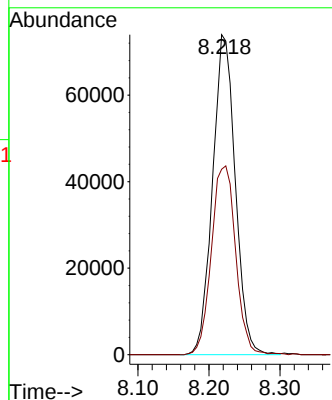
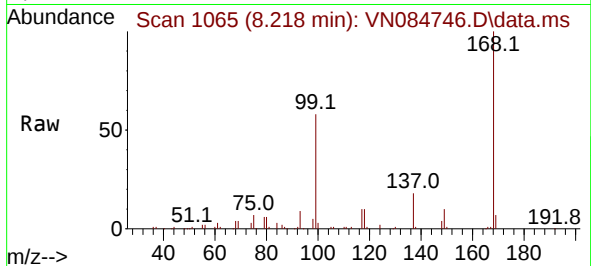




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN084746.D
Acq: 08 Nov 2024 13:44

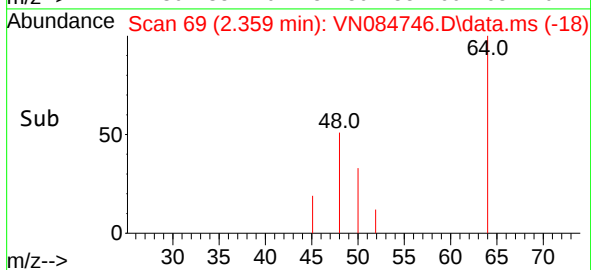
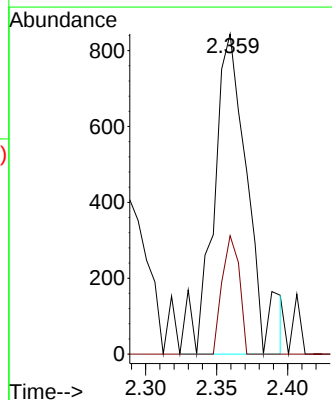
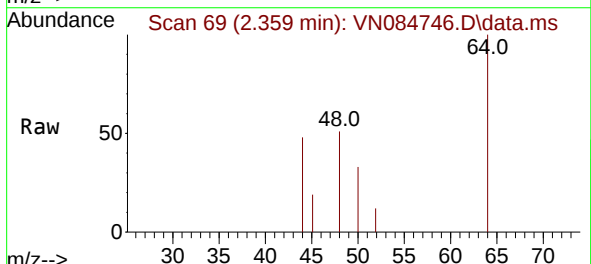
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-TB-20241105

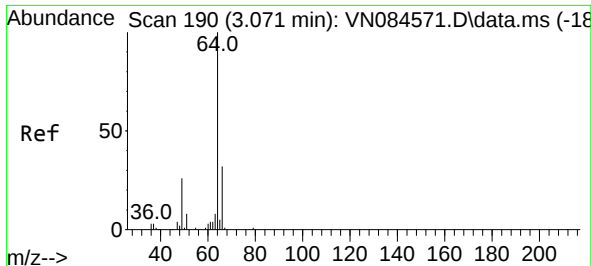
Tgt Ion:168 Resp: 164125
Ion Ratio Lower Upper
168 100
99 58.0 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084746.D
Acq: 08 Nov 2024 13:44

Tgt Ion: 50 Resp: 1438
Ion Ratio Lower Upper
50 100
52 37.0 26.8 40.2

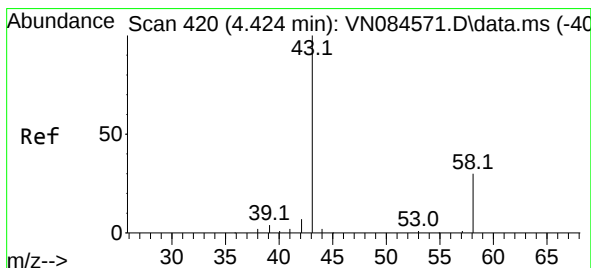
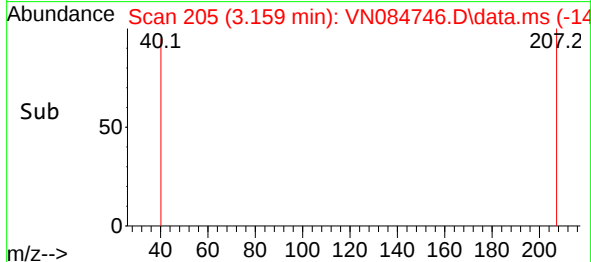
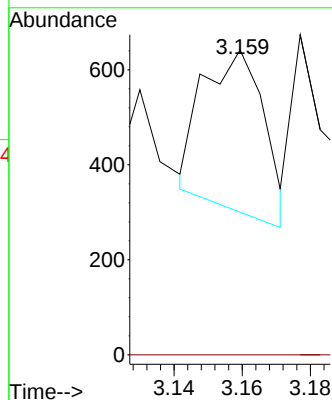
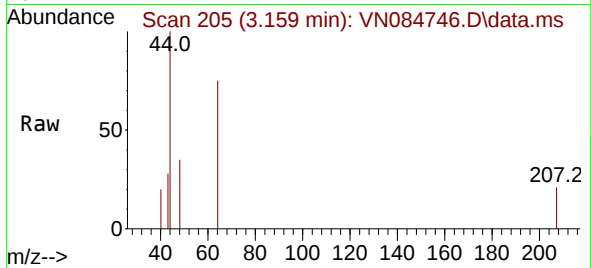




#6
Chloroethane
Concen: Below Cal
RT: 3.159 min Scan# 205
Delta R.T. 0.041 min
Lab File: VN084746.D
Acq: 08 Nov 2024 13:44

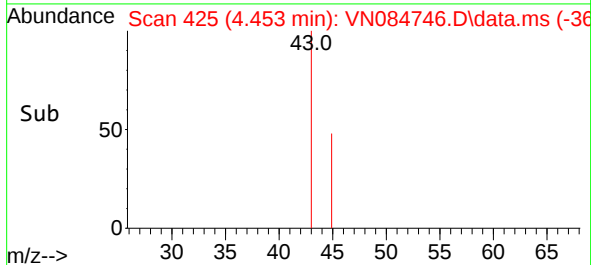
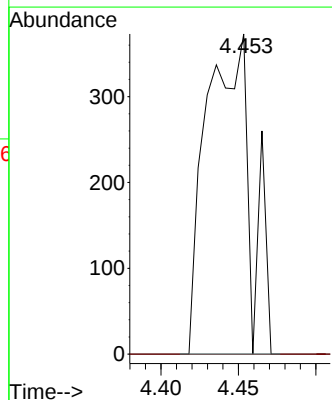
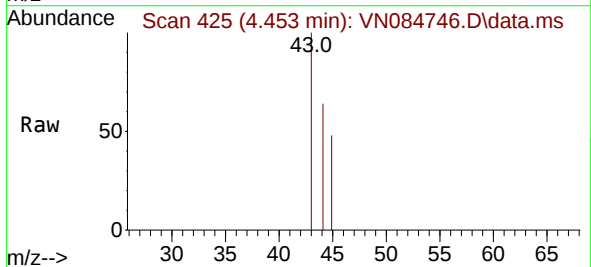
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-TB-20241105

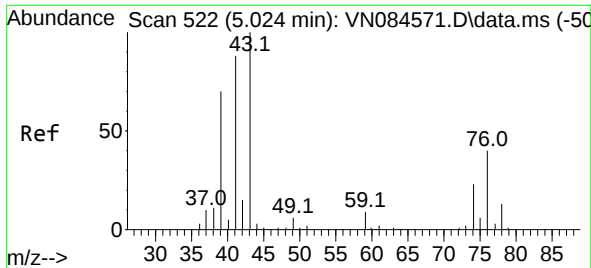
Tgt Ion: 64 Resp: 409
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#16
Acetone
Concen: Below Cal
RT: 4.453 min Scan# 425
Delta R.T. 0.029 min
Lab File: VN084746.D
Acq: 08 Nov 2024 13:44

Tgt Ion: 43 Resp: 744
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#

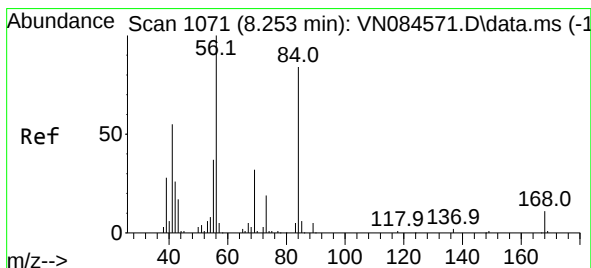
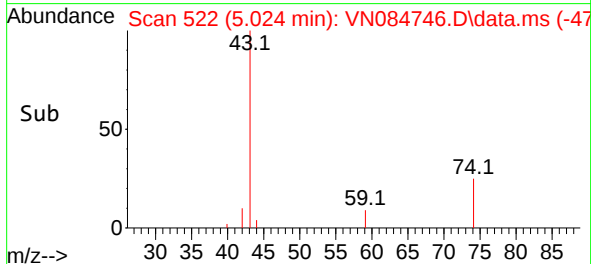
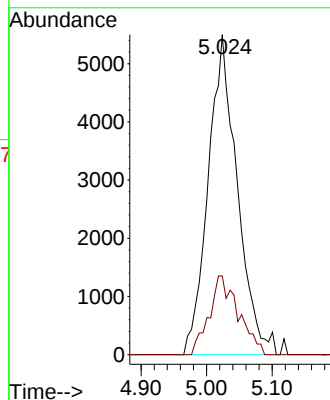
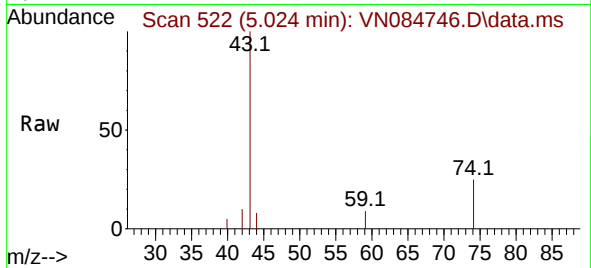




#18
Methyl Acetate
Concen: 3.035 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN084746.D
Acq: 08 Nov 2024 13:44

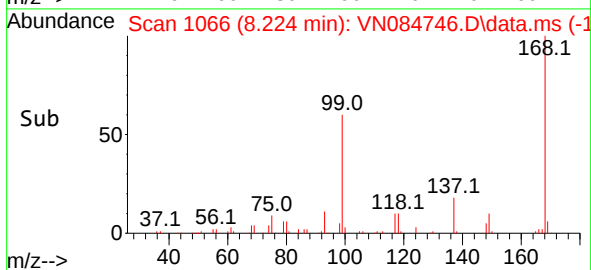
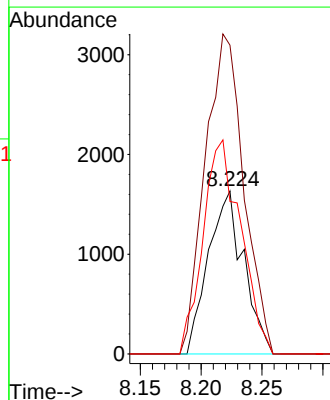
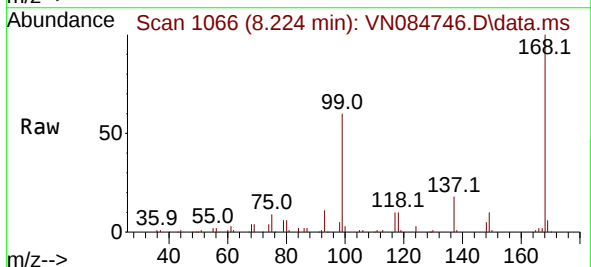
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-TB-20241105

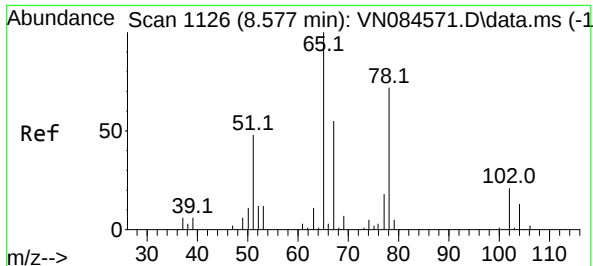
Tgt Ion: 43 Resp: 16971
Ion Ratio Lower Upper
43 100
74 24.8 19.2 28.8



#31
Cyclohexane
Concen: 1.008 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084746.D
Acq: 08 Nov 2024 13:44

Tgt Ion: 56 Resp: 3298
Ion Ratio Lower Upper
56 100
69 189.5 23.8 35.6#
84 93.6 68.8 103.2





#33

1,2-Dichloroethane-d4

Concen: 49.403 ug/l

RT: 8.571 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN084746.D

Acq: 08 Nov 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

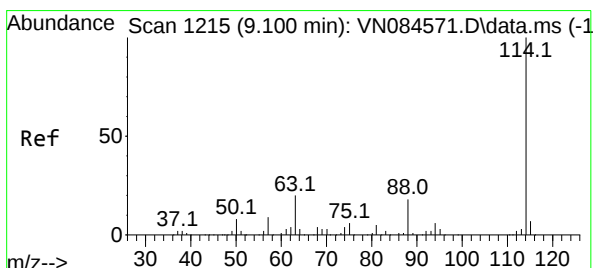
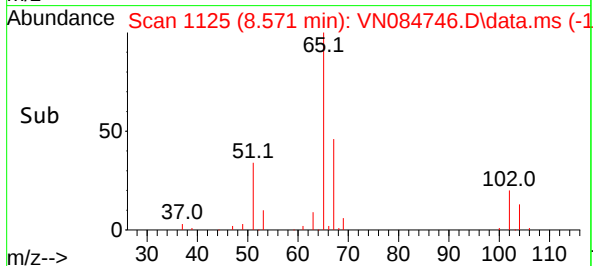
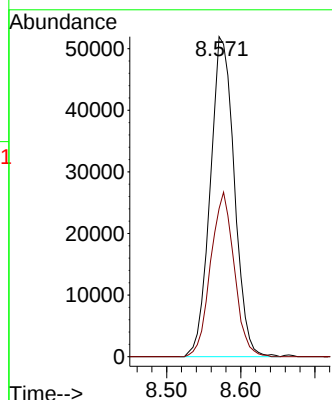
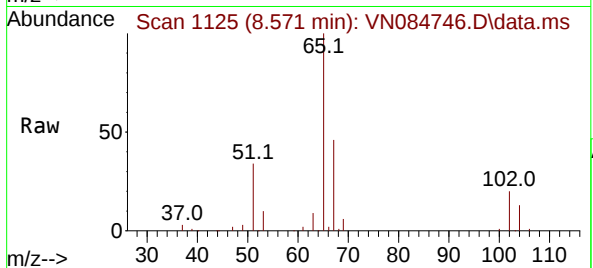
BP-VPB-190-TB-20241105

Tgt Ion: 65 Resp: 117110

Ion Ratio Lower Upper

65 100

67 50.4 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: VN084746.D

Acq: 08 Nov 2024 13:44

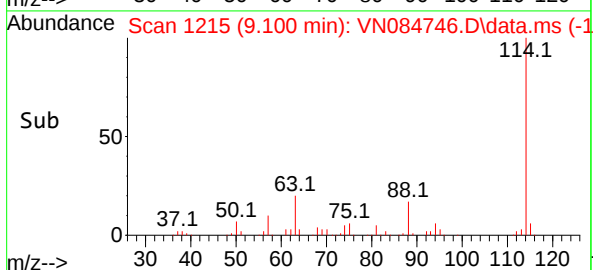
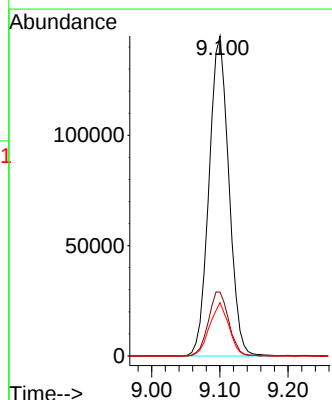
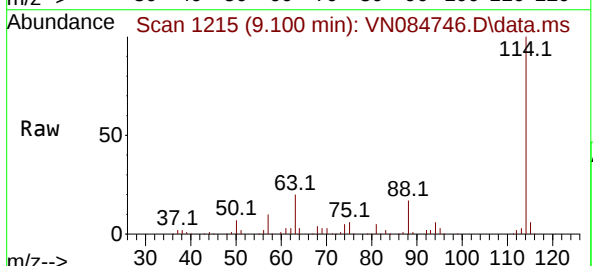
Tgt Ion: 114 Resp: 293667

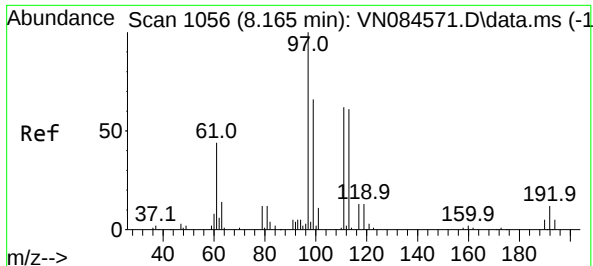
Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.8

88 16.6 0.0 31.6





#35

Dibromofluoromethane

Concen: 48.508 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084746.D

Acq: 08 Nov 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-190-TB-20241105

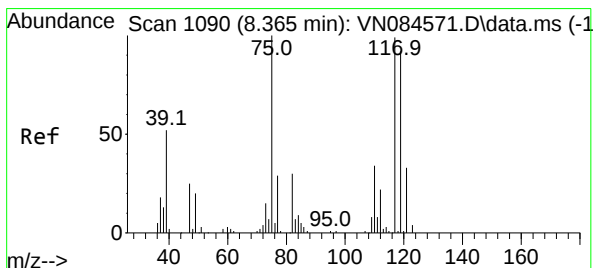
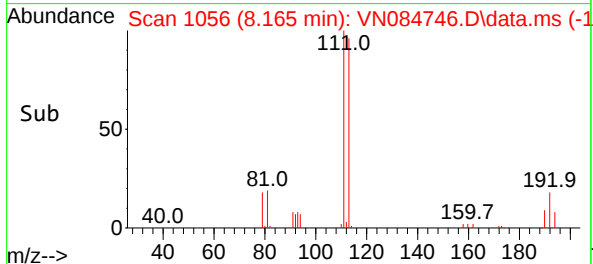
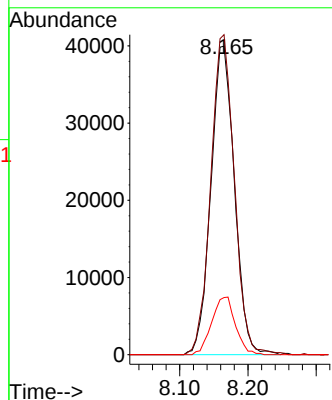
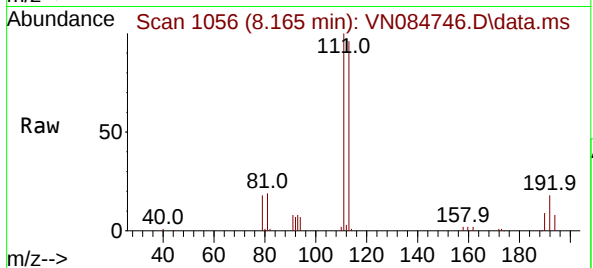
Tgt Ion:113 Resp: 96422

Ion Ratio Lower Upper

113 100

111 103.4 83.3 124.9

192 18.7 13.5 20.3



#36

1,1-Dichloropropene

Concen: 4.879 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084746.D

Acq: 08 Nov 2024 13:44

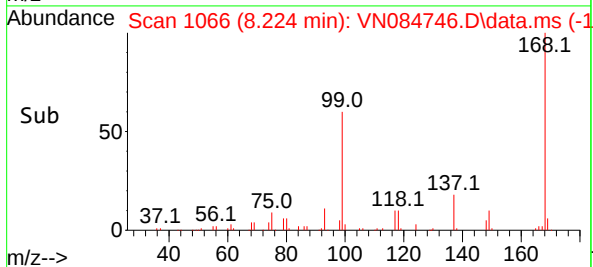
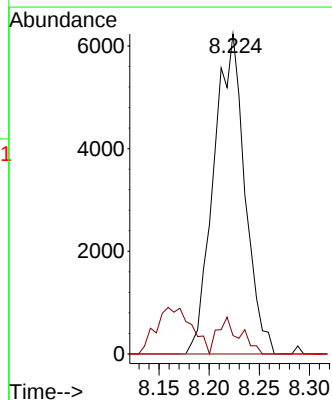
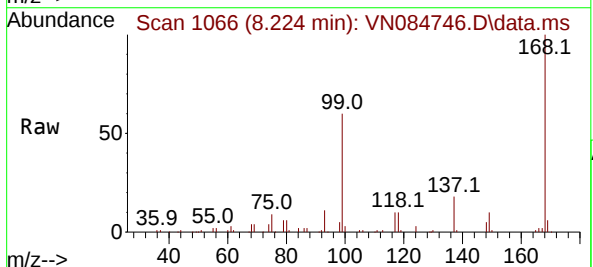
Tgt Ion: 75 Resp: 13451

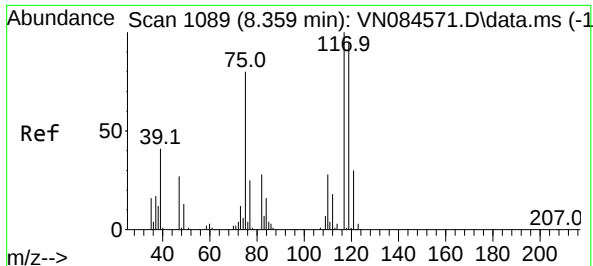
Ion Ratio Lower Upper

75 100

110 8.2 16.9 50.7#

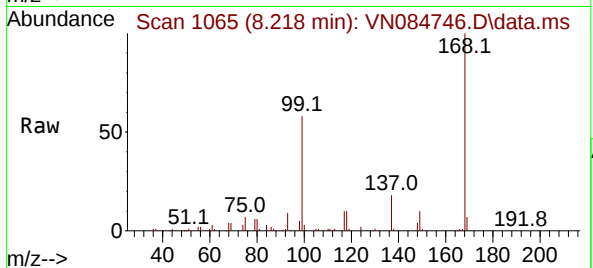
77 0.0 24.7 37.1#



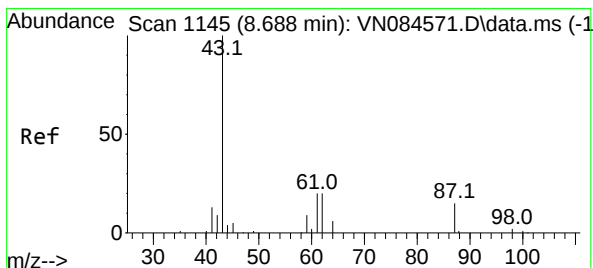
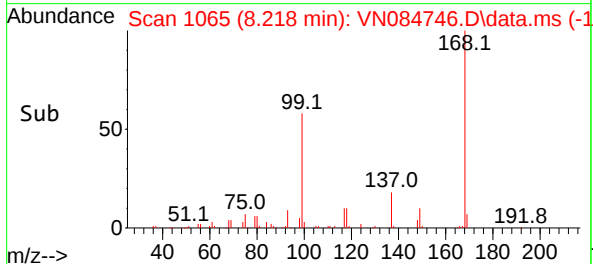
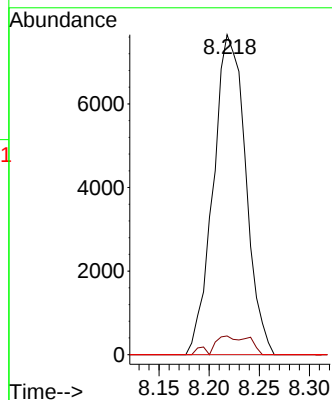


#38
Carbon Tetrachloride
Concen: 5.581 ug/l
RT: 8.218 min Scan# 1105
Delta R.T. -0.141 min
Lab File: VN084746.D
Acq: 08 Nov 2024 13:44

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-TB-20241105

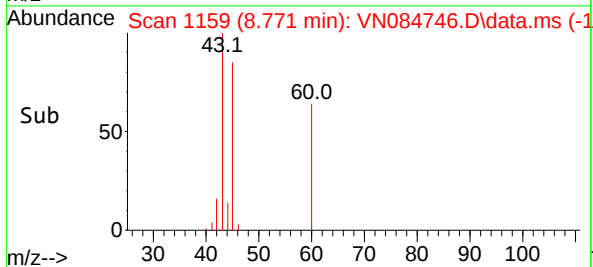
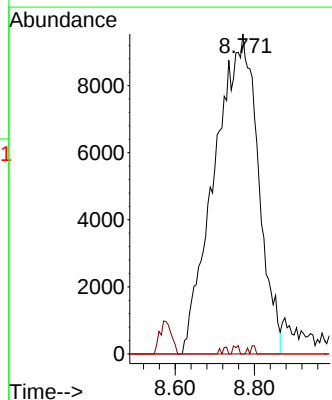
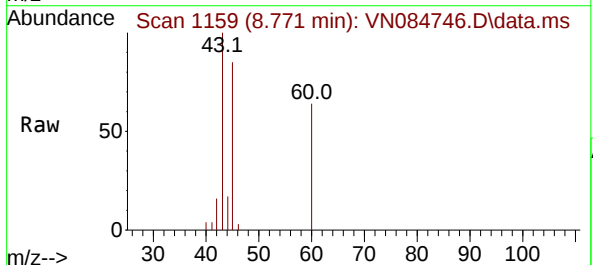


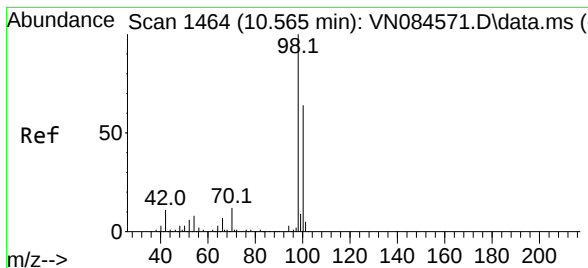
Tgt Ion:117 Resp: 17197
Ion Ratio Lower Upper
117 100
119 5.8 78.7 118.1#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 15.127 ug/l
RT: 8.771 min Scan# 1159
Delta R.T. 0.083 min
Lab File: VN084746.D
Acq: 08 Nov 2024 13:44

Tgt Ion: 43 Resp: 73010
Ion Ratio Lower Upper
43 100
61 0.3 20.4 30.6#
87 0.0 10.3 15.5#





#50

Toluene-d8

Concen: 45.433 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084746.D

Acq: 08 Nov 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

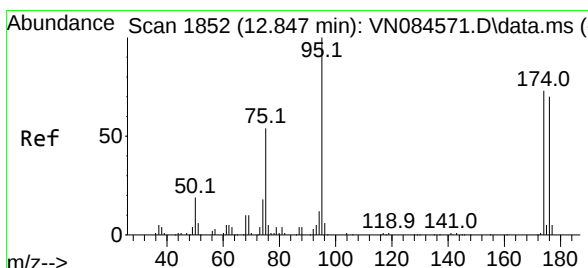
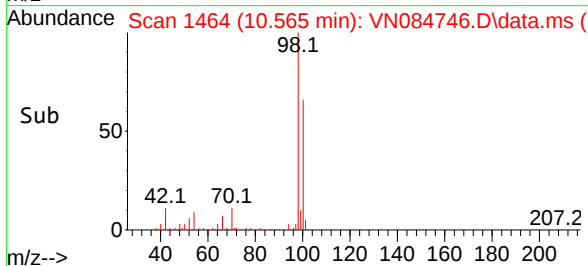
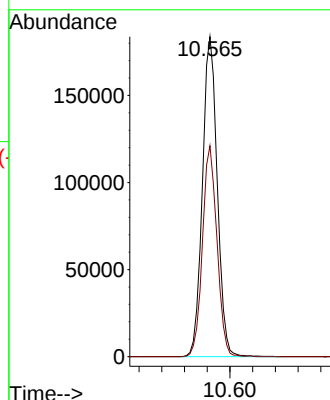
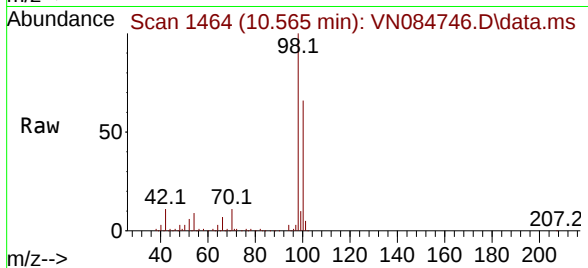
BP-VPB-190-TB-20241105

Tgt Ion: 98 Resp: 332676

Ion Ratio Lower Upper

98 100

100 64.5 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 45.823 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084746.D

Acq: 08 Nov 2024 13:44

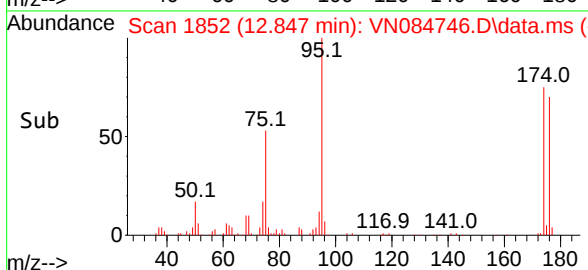
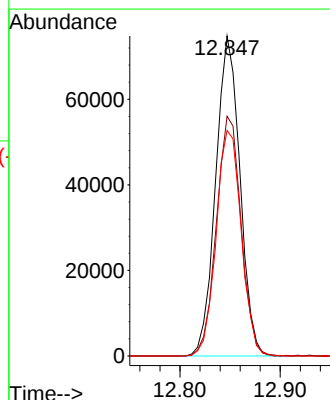
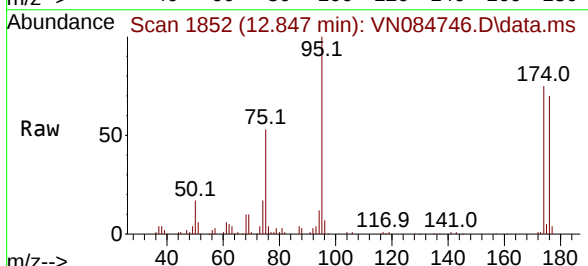
Tgt Ion: 95 Resp: 125399

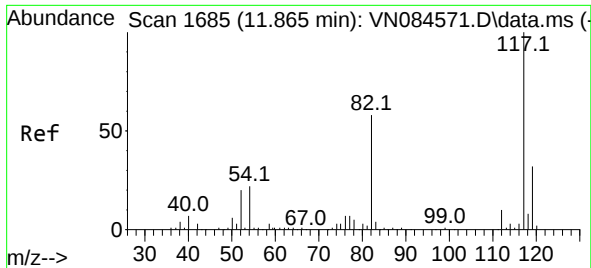
Ion Ratio Lower Upper

95 100

174 76.4 0.0 145.2

176 72.7 0.0 140.0

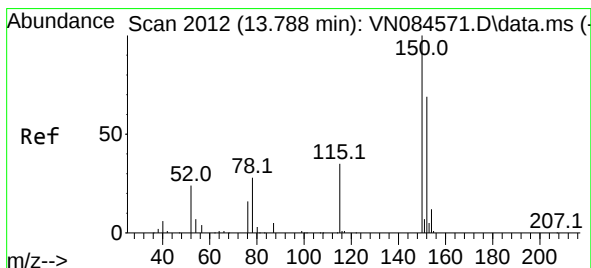
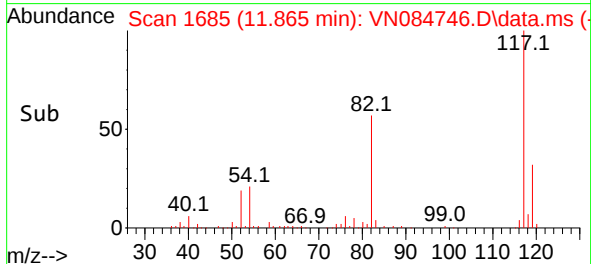
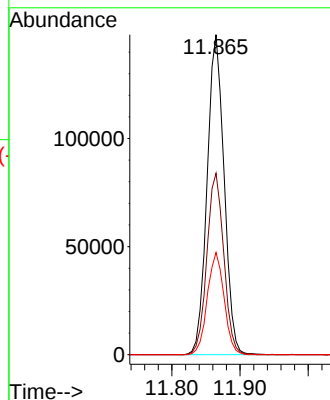
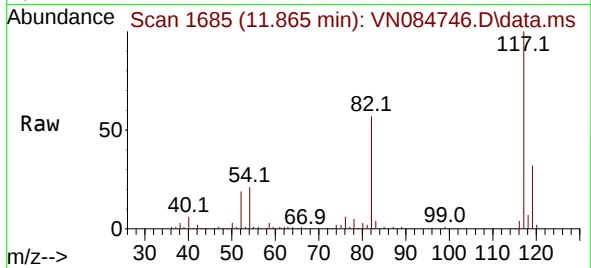




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084746.D
Acq: 08 Nov 2024 13:44

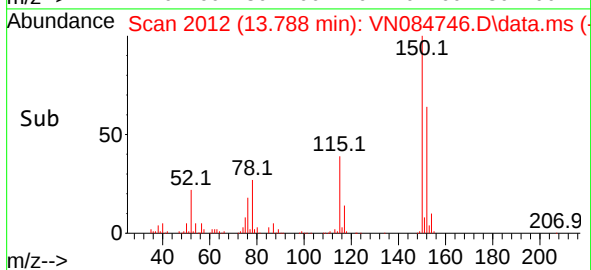
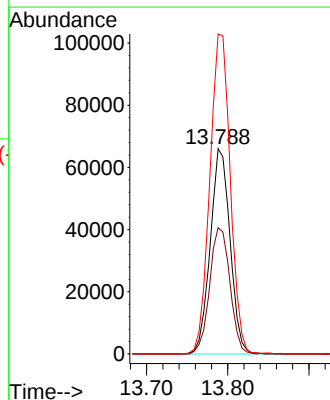
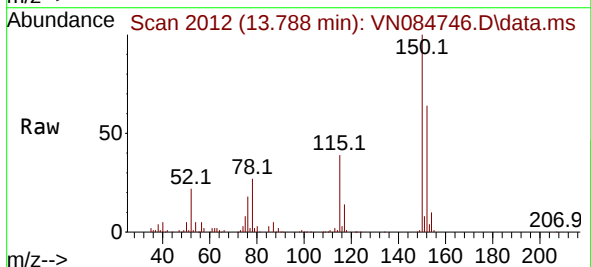
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-TB-20241105

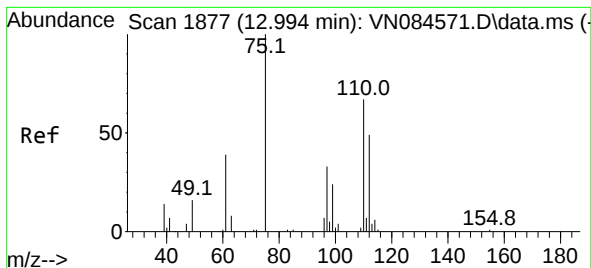
Tgt Ion:117 Resp: 256546
Ion Ratio Lower Upper
117 100
82 56.7 47.2 70.8
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084746.D
Acq: 08 Nov 2024 13:44

Tgt Ion:152 Resp: 111909
Ion Ratio Lower Upper
152 100
115 63.0 31.3 93.9
150 160.9 0.0 349.8





#76

1,2,3-Trichloropropane

Concen: 28.539 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN084746.D

Acq: 08 Nov 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

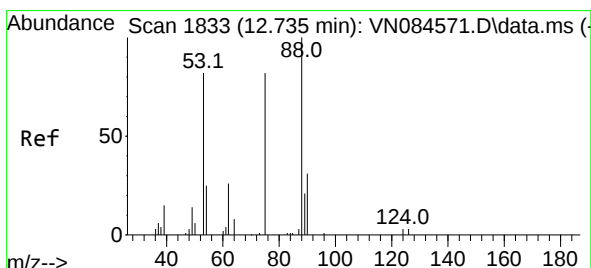
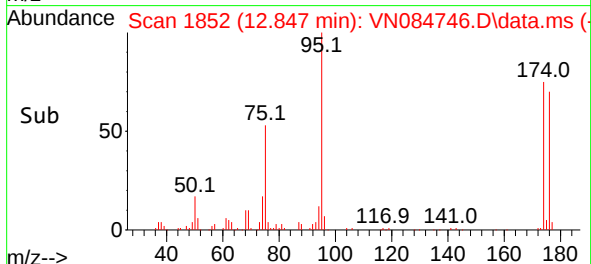
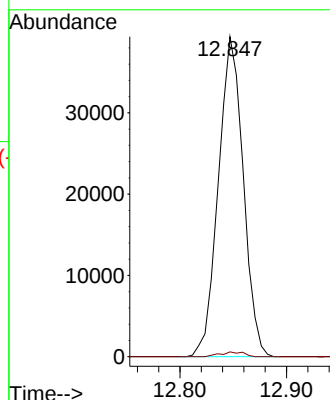
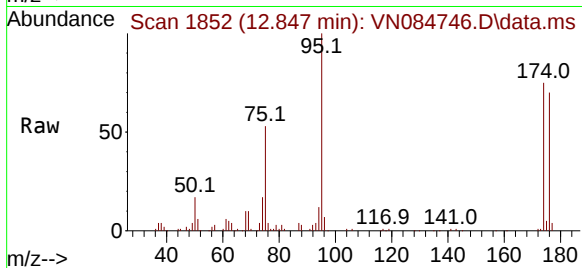
BP-VPB-190-TB-20241105

Tgt Ion: 75 Resp: 63843

Ion Ratio Lower Upper

75 100

77 1.4 96.9 290.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 67.707 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN084746.D

Acq: 08 Nov 2024 13:44

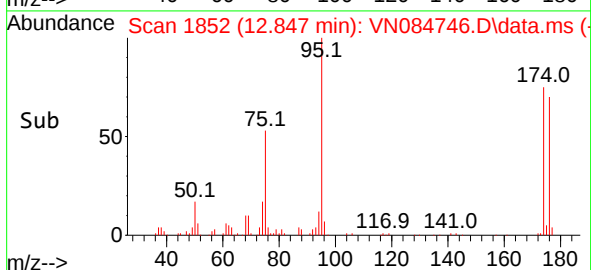
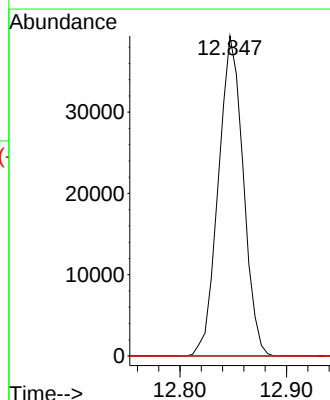
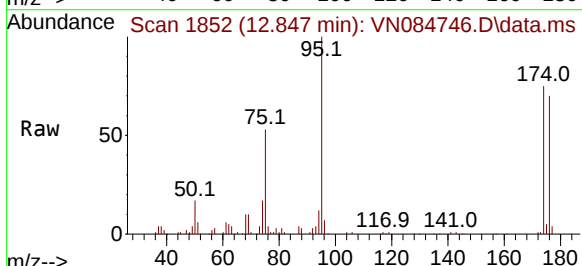
Tgt Ion: 75 Resp: 63843

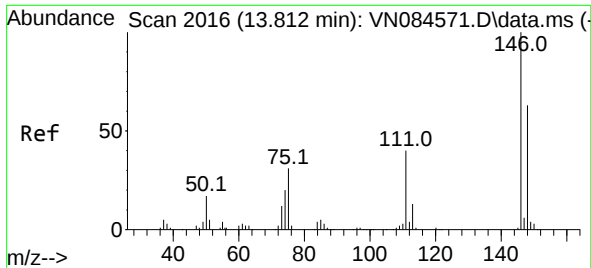
Ion Ratio Lower Upper

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# 20

Delta R.T. -0.000 min

Lab File: VN084746.D

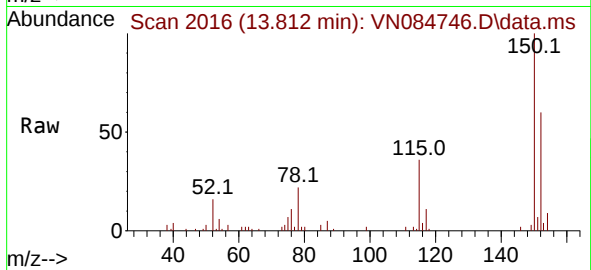
Acq: 08 Nov 2024 13:44

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-190-TB-20241105



Tgt Ion:	146	Resp:	447
Ion	Ratio	Lower	Upper
146	100		
111	0.0	21.2	63.6#
148	0.0	31.9	95.9#

