

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102524\
 Data File : VN084519.D
 Acq On : 25 Oct 2024 16:27
 Operator : JC\MD
 Sample : P4550-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190-TB-20241022

Quant Time: Oct 25 23:36:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	113520	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	211141	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	184677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	72027	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	93911	55.795	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.580%
35) Dibromofluoromethane	8.165	113	76170	54.721	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.440%
50) Toluene-d8	10.565	98	235108	45.909	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.820%
62) 4-Bromofluorobenzene	12.847	95	76767	41.146	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	82.300%

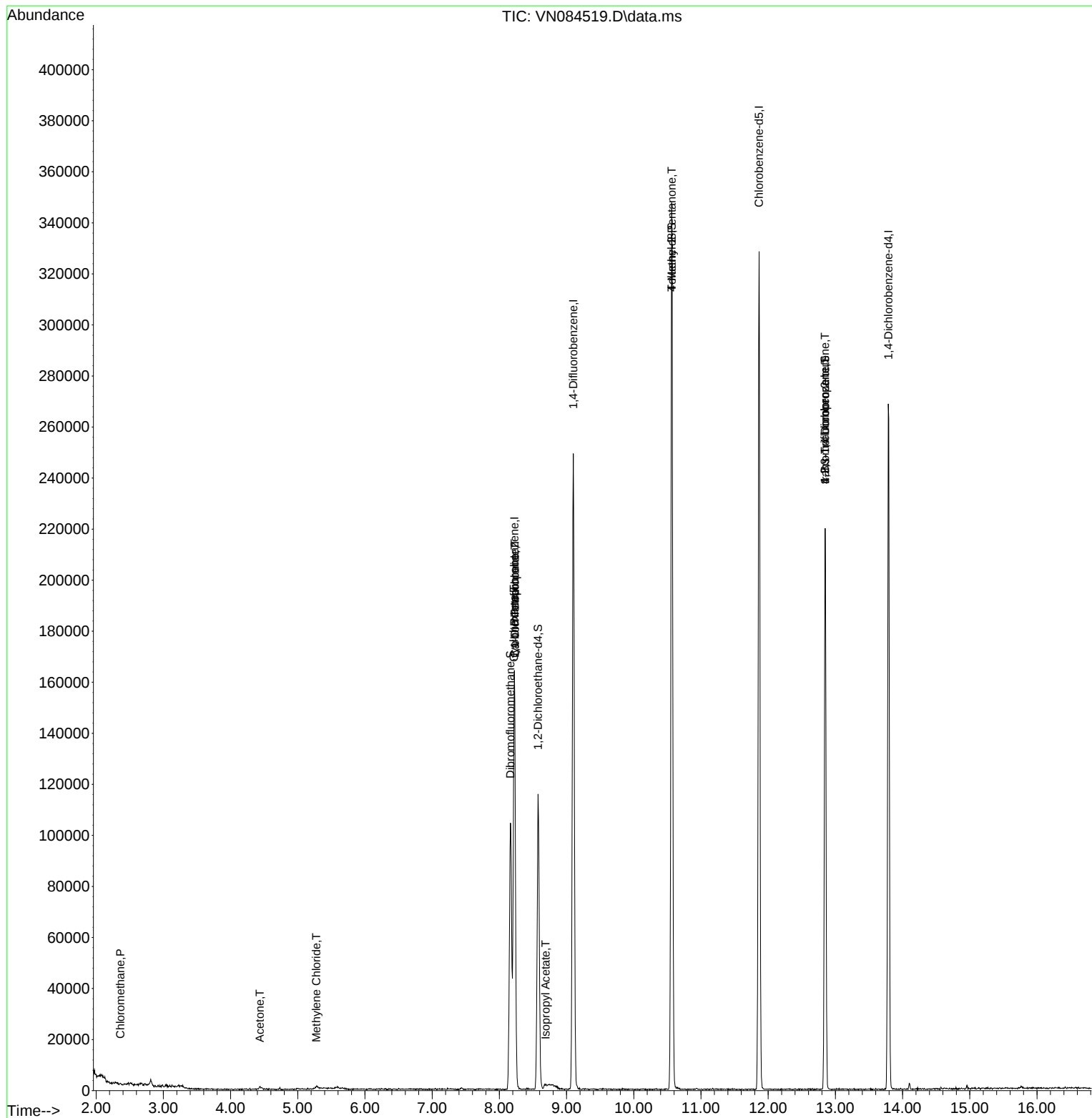
Target Compounds					Qvalue	
3) Chloromethane	2.359	50	401	0.262	ug/l #	41
16) Acetone	4.436	43	1921	2.657	ug/l #	88
20) Methylene Chloride	5.277	84	703	0.478	ug/l #	46
31) Cyclohexane	8.218	56	2533	1.016	ug/l #	43
36) 1,1-Dichloropropene	8.229	75	9426	4.662	ug/l #	45
38) Carbon Tetrachloride	8.229	117	12785	5.764	ug/l #	14
43) Isopropyl Acetate	8.688	43	1252	0.308	ug/l #	56
51) 4-Methyl-2-Pentanone	10.565	43	948	0.480	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	40428	27.494	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	40428	65.915	ug/l #	11

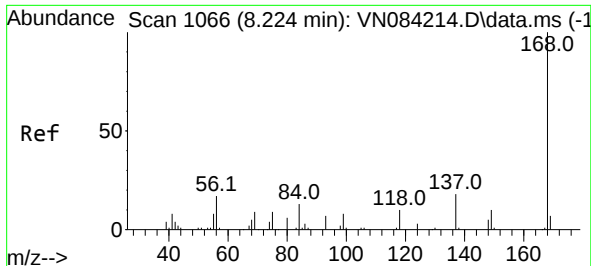
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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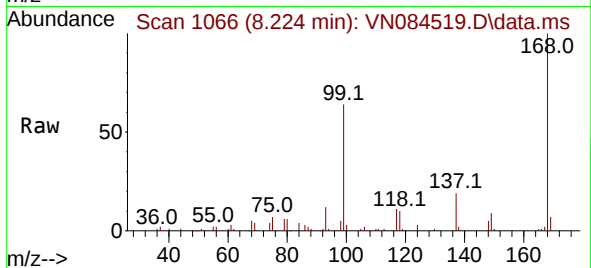
Quant Time: Oct 25 23:36:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration



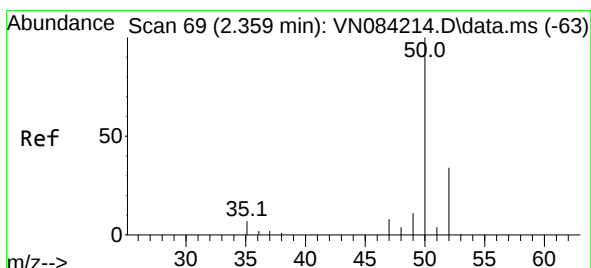
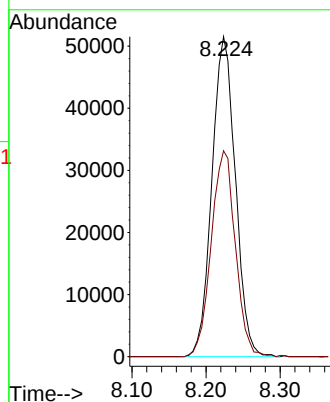
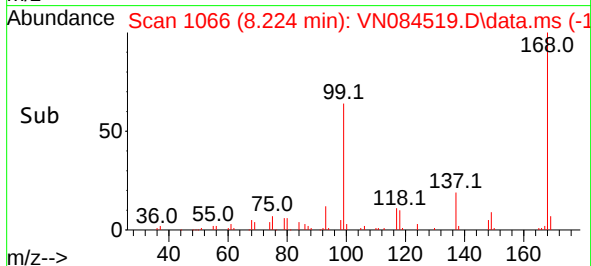


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084519.D
Acq: 25 Oct 2024 16:27

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-TB-20241022

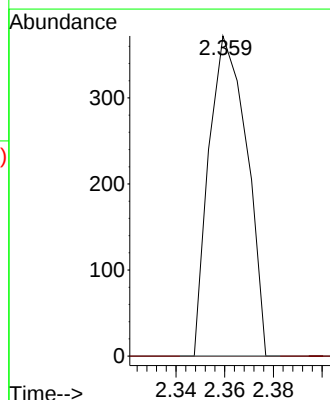
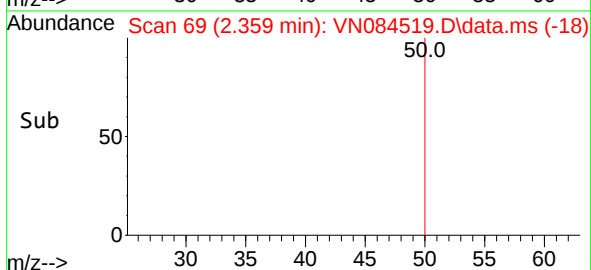
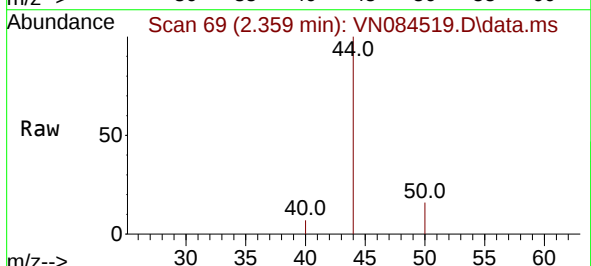


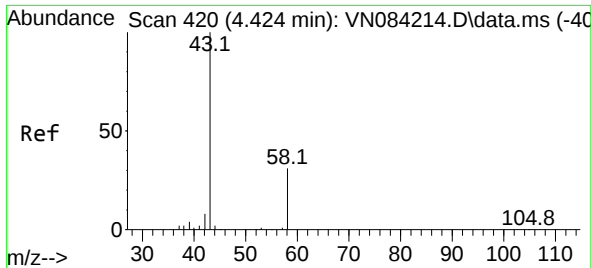
Tgt Ion:168 Resp: 113520
Ion Ratio Lower Upper
168 100
99 64.4 54.2 81.2



#3
Chloromethane
Concen: 0.262 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN084519.D
Acq: 25 Oct 2024 16:27

Tgt Ion: 50 Resp: 401
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#





#16

Acetone

Concen: 2.657 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN084519.D

Acq: 25 Oct 2024 16:27

Instrument :

MSVOA_N

ClientSampleId :

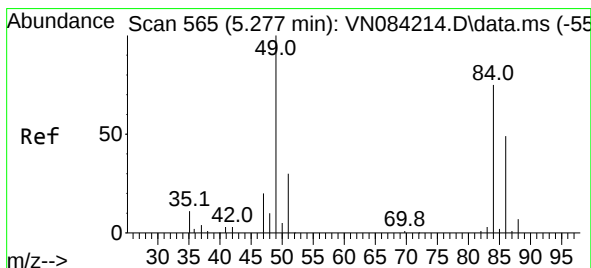
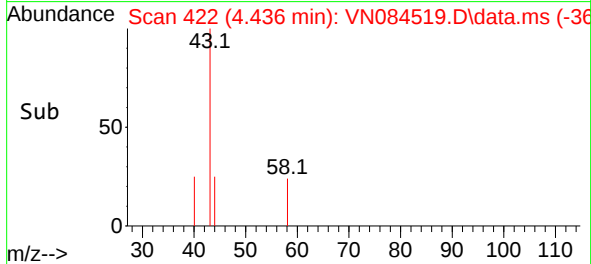
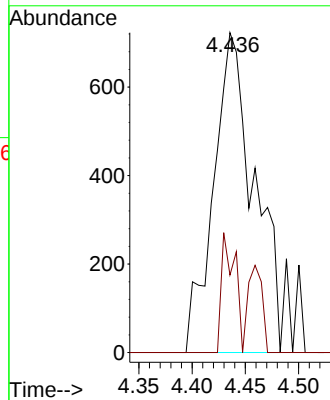
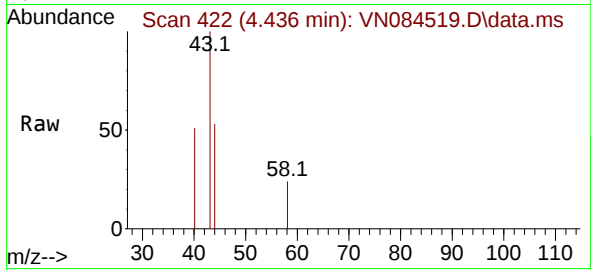
BP-VPB-190-TB-20241022

Tgt Ion: 43 Resp: 1921

Ion Ratio Lower Upper

43 100

58 24.2 24.4 36.6#



#20

Methylene Chloride

Concen: 0.478 ug/l

RT: 5.277 min Scan# 565

Delta R.T. -0.000 min

Lab File: VN084519.D

Acq: 25 Oct 2024 16:27

Tgt Ion: 84 Resp: 703

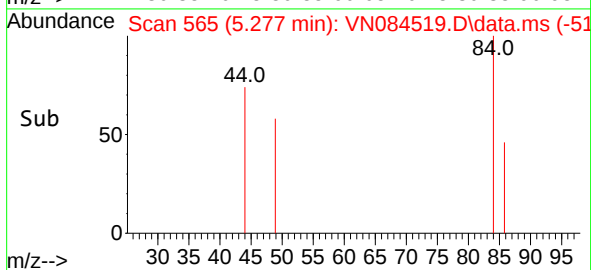
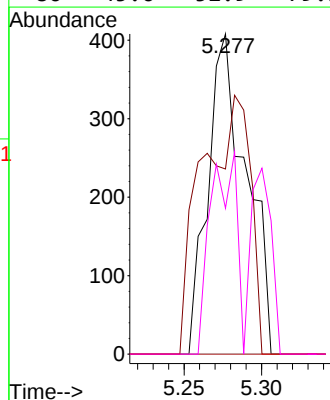
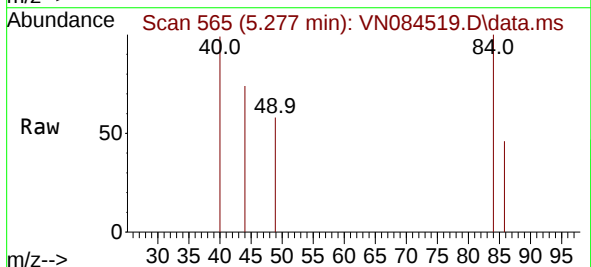
Ion Ratio Lower Upper

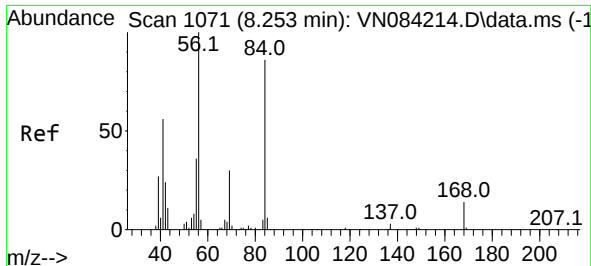
84 100

49 57.8 107.2 160.8#

51 0.0 31.8 47.8#

86 45.6 52.9 79.3#

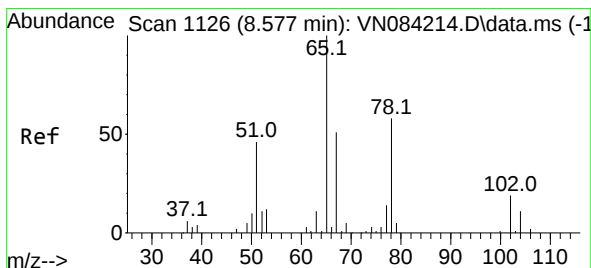
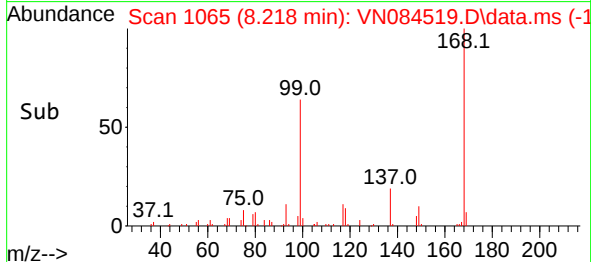
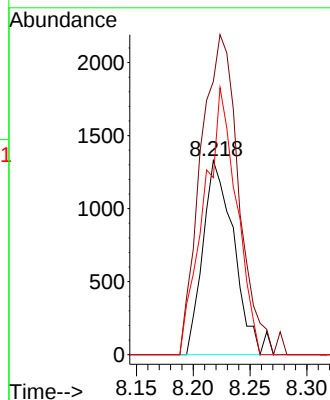
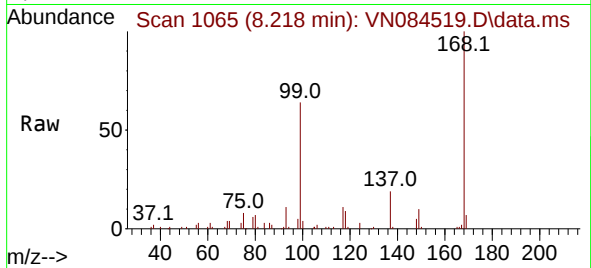




#31
Cyclohexane
Concen: 1.016 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084519.D
Acq: 25 Oct 2024 16:27

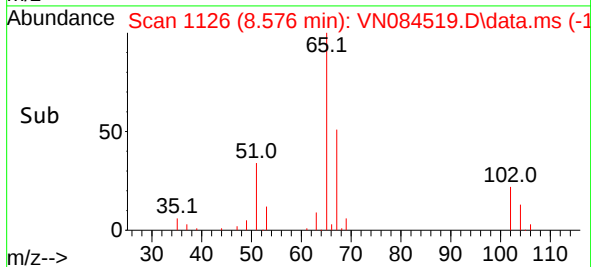
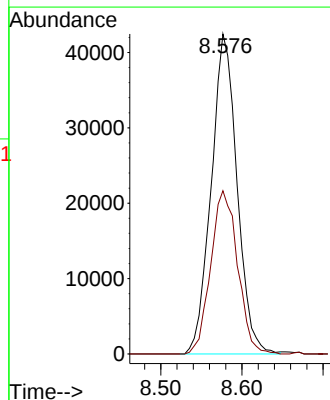
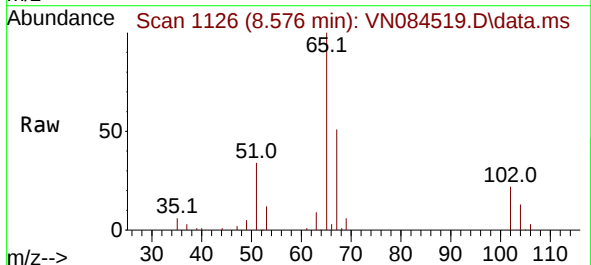
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-TB-20241022

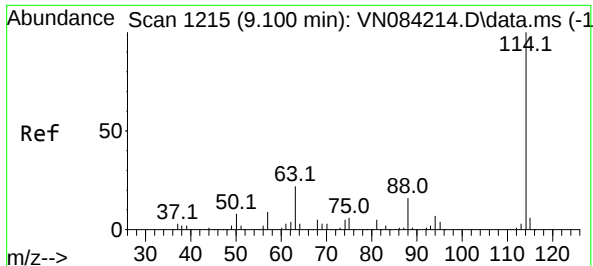
Tgt Ion: 56 Resp: 2533
Ion Ratio Lower Upper
56 100
69 140.7 23.8 35.6#
84 91.3 68.8 103.2



#33
1,2-Dichloroethane-d4
Concen: 55.795 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084519.D
Acq: 25 Oct 2024 16:27

Tgt Ion: 65 Resp: 93911
Ion Ratio Lower Upper
65 100
67 53.0 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN084519.D

Acq: 25 Oct 2024 16:27

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-190-TB-20241022

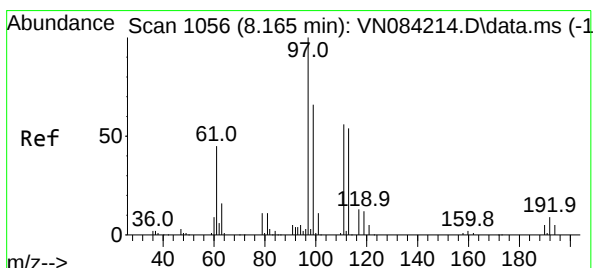
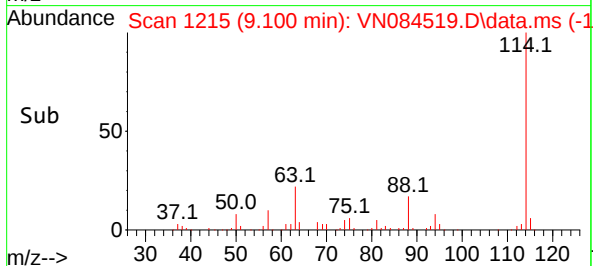
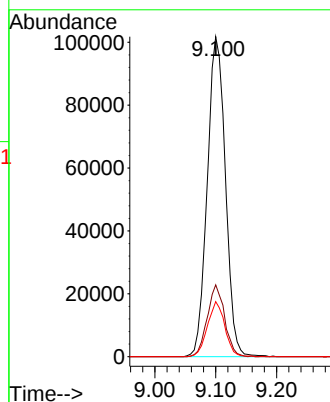
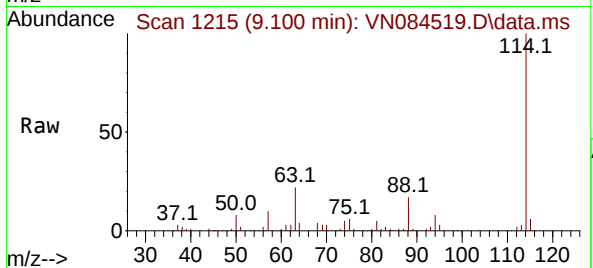
Tgt Ion:114 Resp: 211141

Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.8

88 17.2 0.0 31.6



#35

Dibromofluoromethane

Concen: 54.721 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084519.D

Acq: 25 Oct 2024 16:27

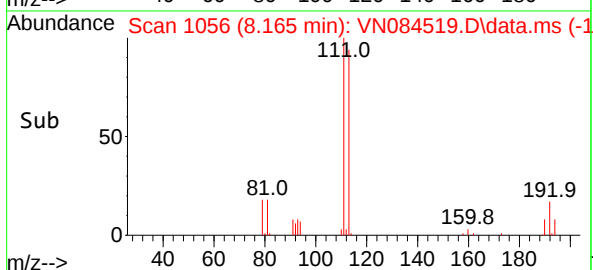
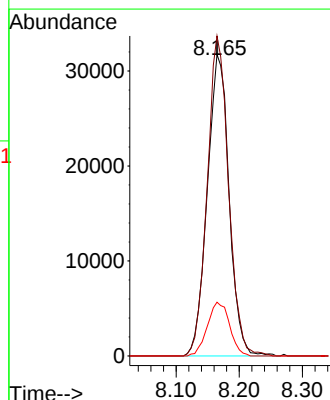
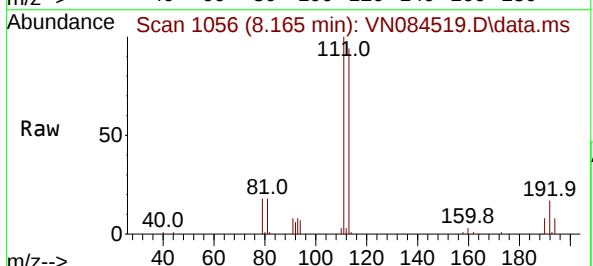
Tgt Ion:113 Resp: 76170

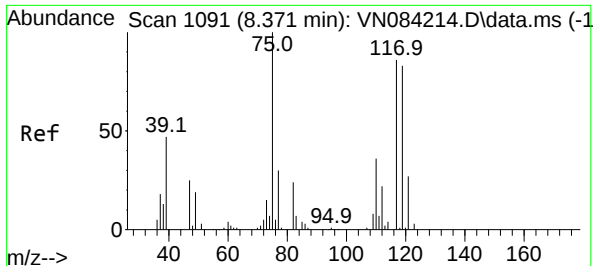
Ion Ratio Lower Upper

113 100

111 103.6 83.3 124.9

192 18.2 13.5 20.3





#36

1,1-Dichloropropene

Concen: 4.662 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN084519.D

Acq: 25 Oct 2024 16:27

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-190-TB-20241022

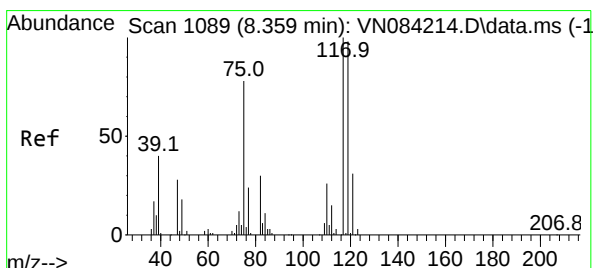
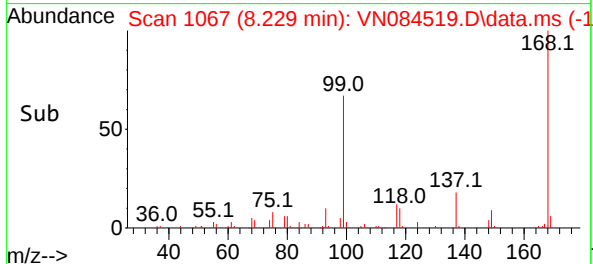
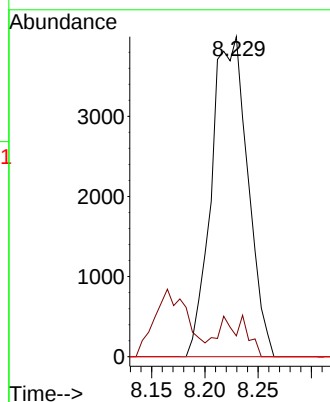
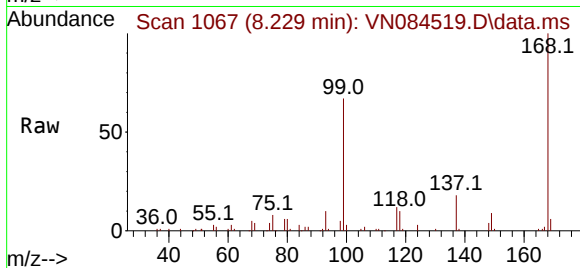
Tgt Ion: 75 Resp: 9426

Ion Ratio Lower Upper

75 100

110 2.8 16.9 50.7#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.764 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.130 min

Lab File: VN084519.D

Acq: 25 Oct 2024 16:27

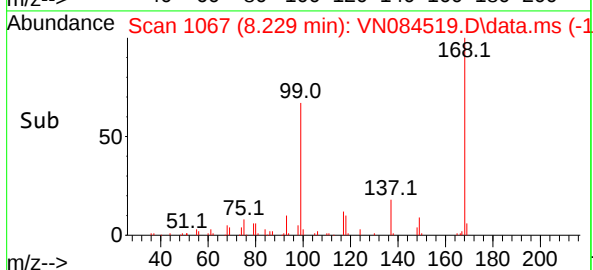
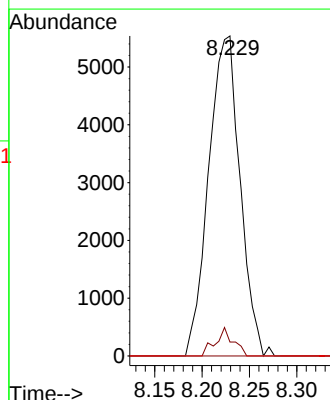
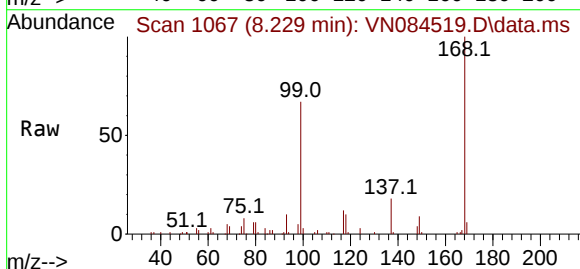
Tgt Ion: 117 Resp: 12785

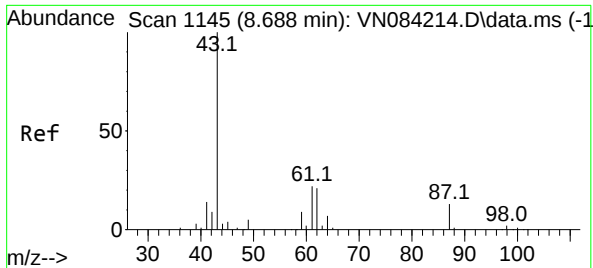
Ion Ratio Lower Upper

117 100

119 4.4 78.7 118.1#

121 0.0 24.4 36.6#

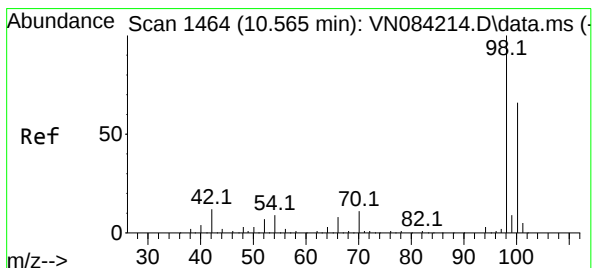
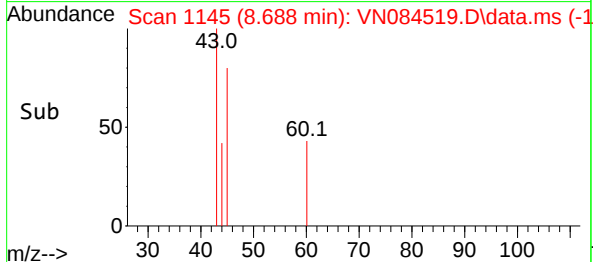
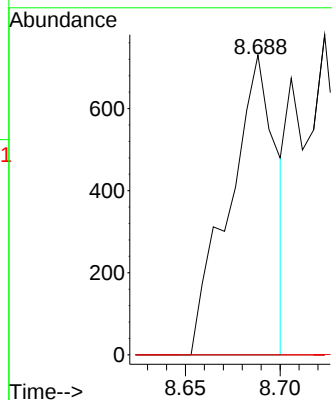
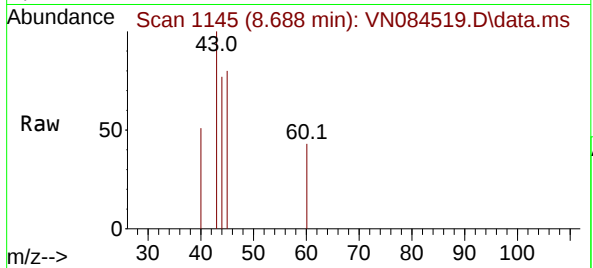




#43
Isopropyl Acetate
Concen: 0.308 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084519.D
Acq: 25 Oct 2024 16:27

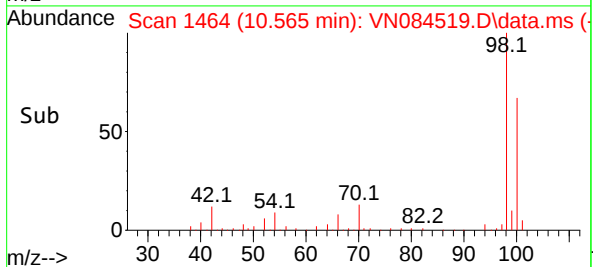
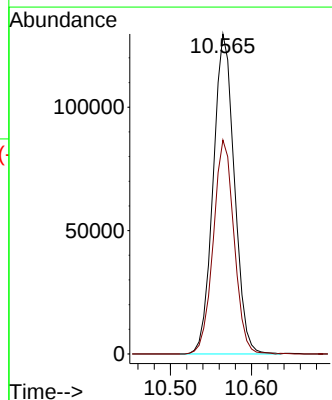
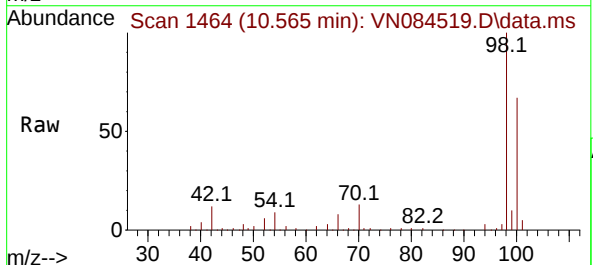
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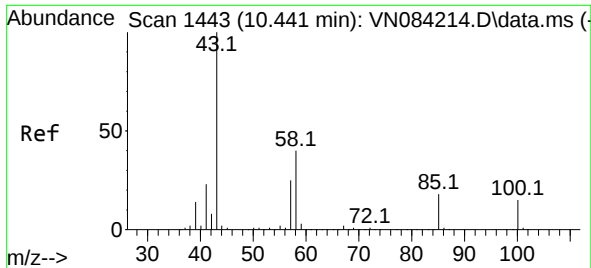
Tgt Ion: 43 Resp: 1252
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#



#50
Toluene-d8
Concen: 45.909 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084519.D
Acq: 25 Oct 2024 16:27

Tgt Ion: 98 Resp: 235108
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1

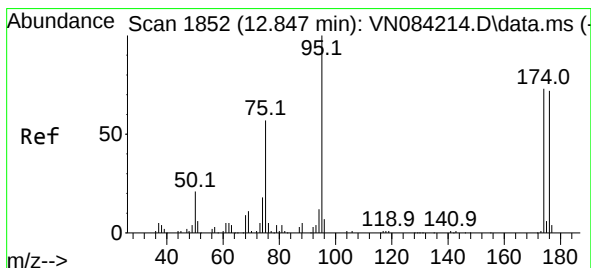
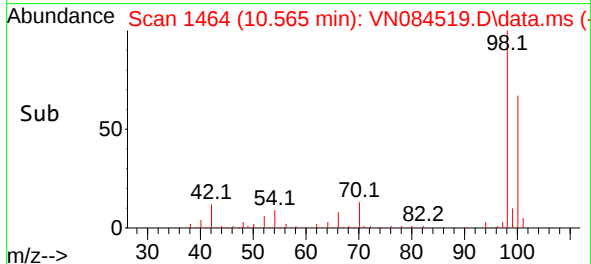
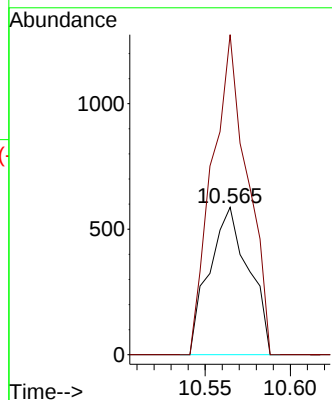
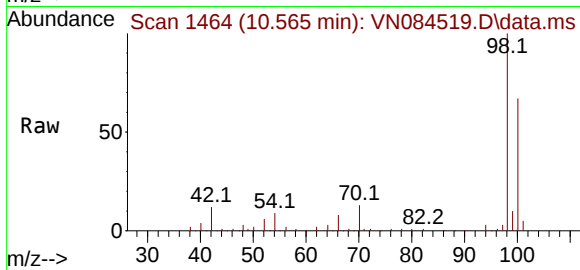




#51
4-Methyl-2-Pentanone
Concen: 0.480 ug/l
RT: 10.565 min Scan# 1443
Delta R.T. 0.123 min
Lab File: VN084519.D
Acq: 25 Oct 2024 16:27

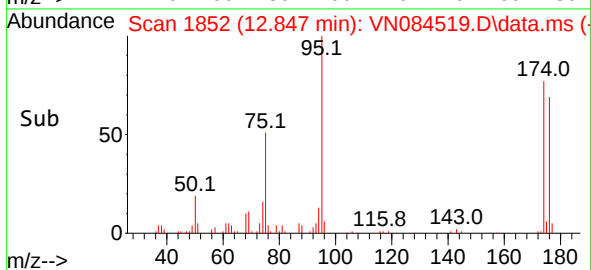
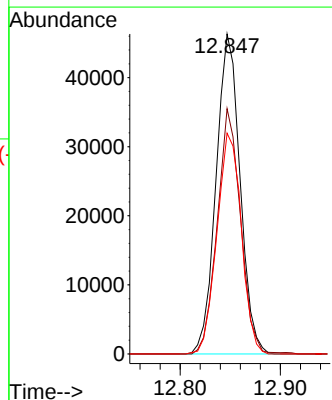
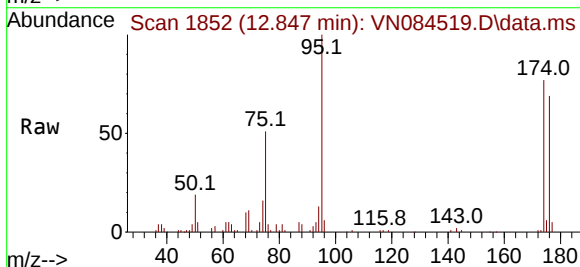
Instrument :
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BP-VPB-190-TB-20241022

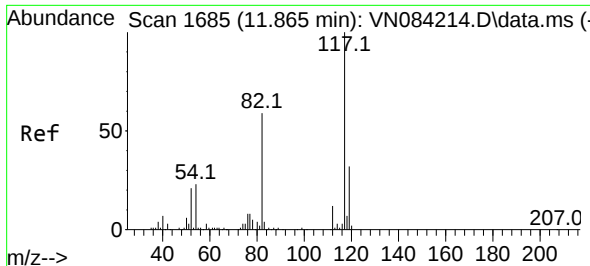
Tgt Ion: 43 Resp: 948
Ion Ratio Lower Upper
43 100
58 194.2 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 41.146 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084519.D
Acq: 25 Oct 2024 16:27

Tgt Ion: 95 Resp: 76767
Ion Ratio Lower Upper
95 100
174 74.6 0.0 145.2
176 70.3 0.0 140.0

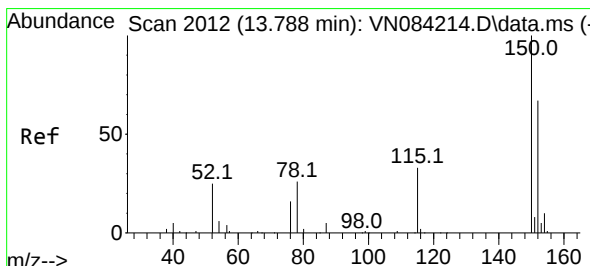
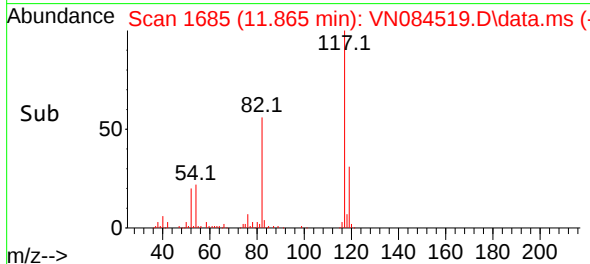
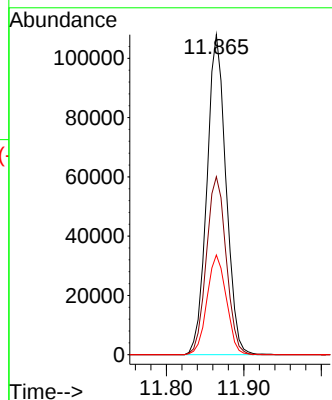
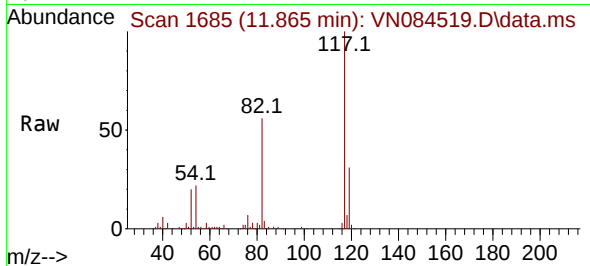




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084519.D
Acq: 25 Oct 2024 16:27

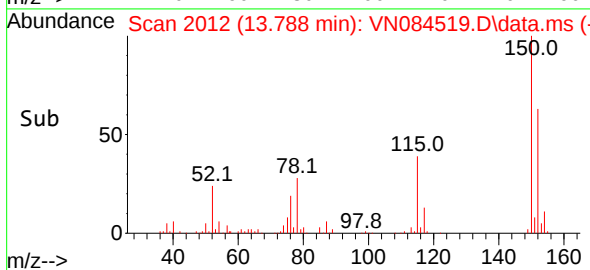
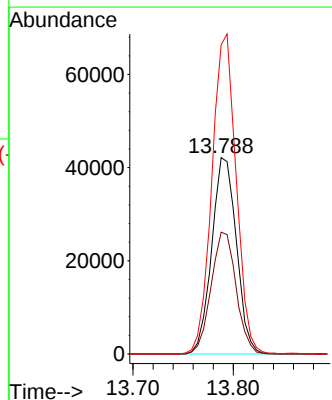
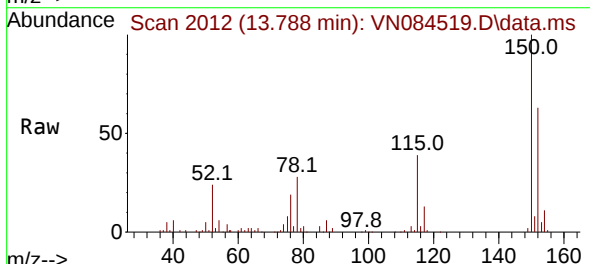
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-TB-20241022

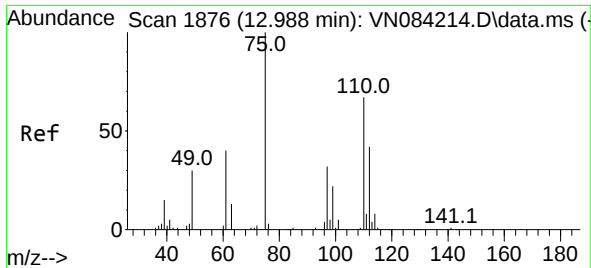
Tgt Ion:117 Resp: 184677
Ion Ratio Lower Upper
117 100
82 55.6 47.2 70.8
119 31.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084519.D
Acq: 25 Oct 2024 16:27

Tgt Ion:152 Resp: 72027
Ion Ratio Lower Upper
152 100
115 62.9 31.3 93.9
150 160.3 0.0 349.8

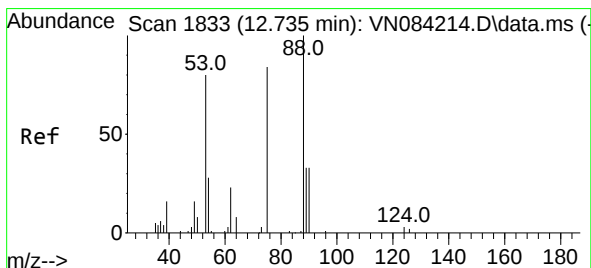
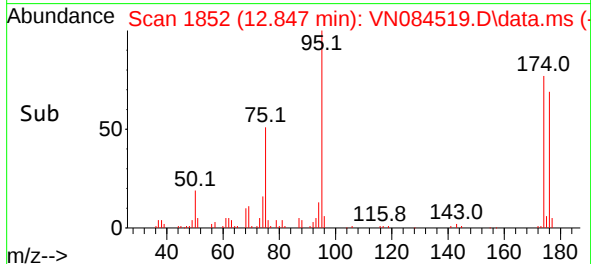
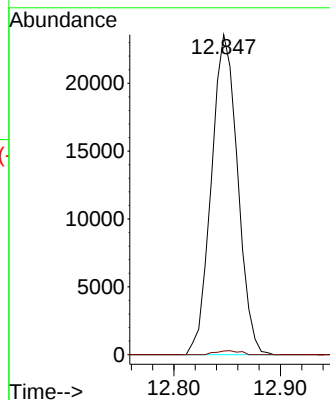
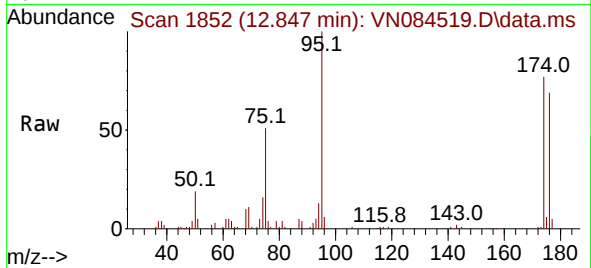




#76
1,2,3-Trichloropropane
Concen: 27.494 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084519.D
Acq: 25 Oct 2024 16:27

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-TB-20241022

Tgt Ion: 75 Resp: 40428
Ion Ratio Lower Upper
75 100
77 1.2 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.915 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084519.D
Acq: 25 Oct 2024 16:27

Tgt Ion: 75 Resp: 40428
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#

