

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102224\
 Data File : VN084461.D
 Acq On : 22 Oct 2024 17:57
 Operator : JC\MD
 Sample : P4475-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-190-DUP-20241018

Quant Time: Oct 23 01:31:50 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)

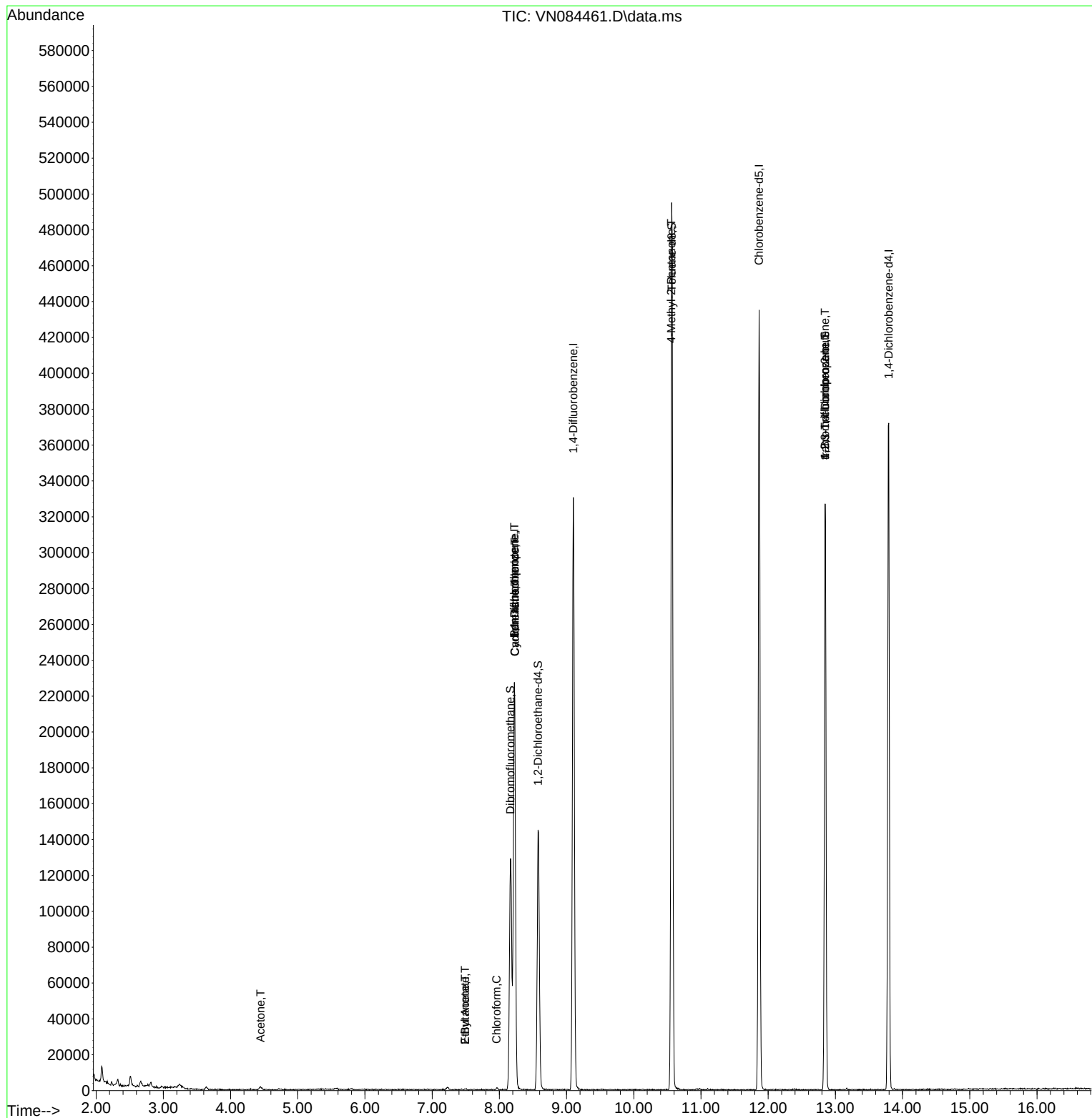
Internal Standards						
1) Pentafluorobenzene	8.224	168	163076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	278181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	246196	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	100139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	119877	49.579	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.160%
35) Dibromofluoromethane	8.165	113	96551	52.647	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.300%
50) Toluene-d8	10.565	98	339927	50.380	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.760%
62) 4-Bromofluorobenzene	12.847	95	116722	47.485	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.960%
Target Compounds						
					Qvalue	
16) Acetone	4.447	43	2851	2.745	ug/l #	76
25) 2-Butanone	7.488	43	693	0.490	ug/l #	48
30) Chloroform	7.959	83	1005	0.262	ug/l	88
31) Cyclohexane	8.229	56	3634	1.015	ug/l #	4
36) 1,1-Dichloropropene	8.224	75	14105	5.295	ug/l #	50
37) Ethyl Acetate	7.488	43	693	0.254	ug/l #	69
38) Carbon Tetrachloride	8.229	117	18583	6.359	ug/l #	17
51) 4-Methyl-2-Pentanone	10.559	43	1500	0.577	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	60383	29.536	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	60383	70.812	ug/l #	11

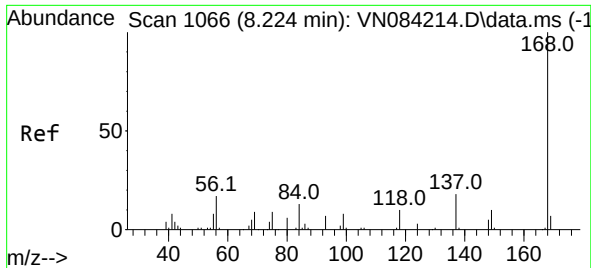
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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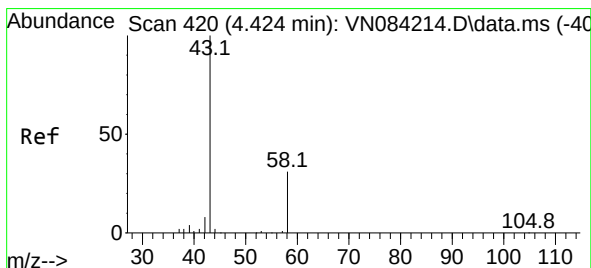
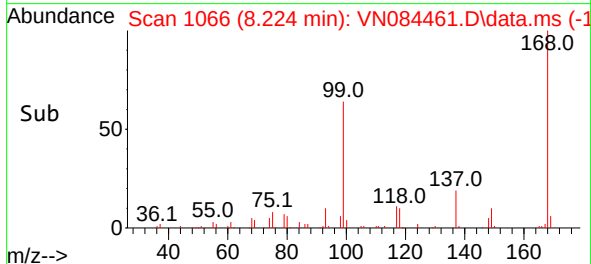
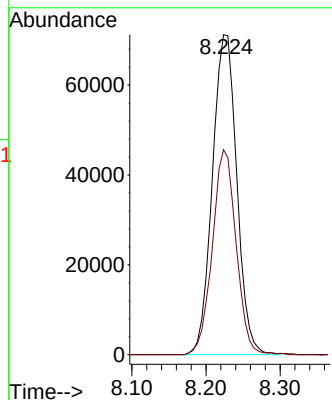
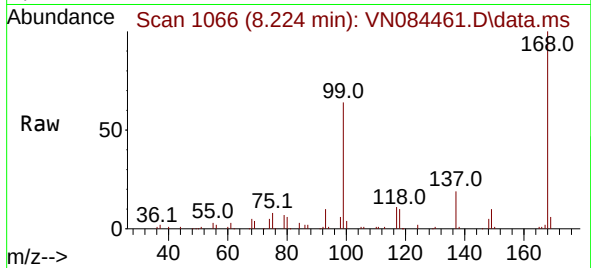




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084461.D
Acq: 22 Oct 2024 17:57

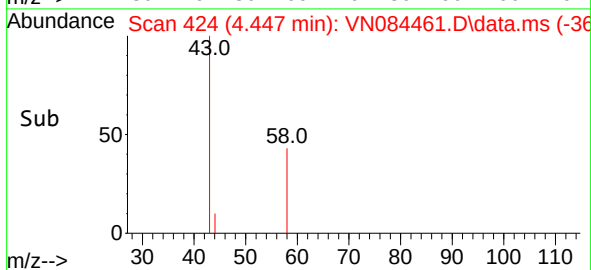
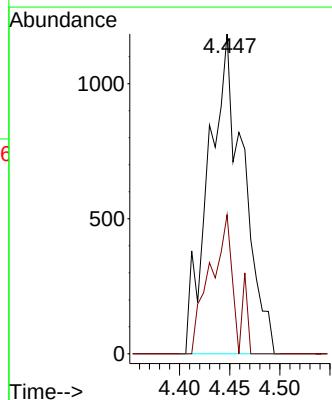
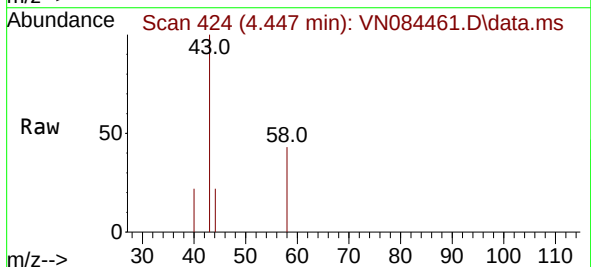
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-DUP-20241018

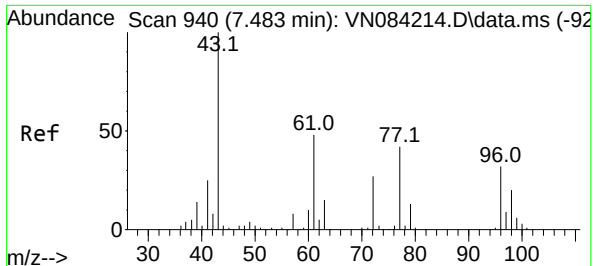
Tgt Ion:168 Resp: 163076
Ion Ratio Lower Upper
168 100
99 64.1 54.2 81.2



#16
Acetone
Concen: 2.745 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.023 min
Lab File: VN084461.D
Acq: 22 Oct 2024 17:57

Tgt Ion: 43 Resp: 2851
Ion Ratio Lower Upper
43 100
58 43.5 24.4 36.6#





#25

2-Butanone

Concen: 0.490 ug/l

RT: 7.488 min Scan# 940

Delta R.T. 0.006 min

Lab File: VN084461.D

Acq: 22 Oct 2024 17:57

Instrument :

MSVOA_N

ClientSampleId :

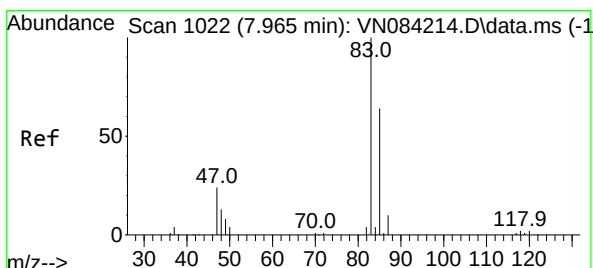
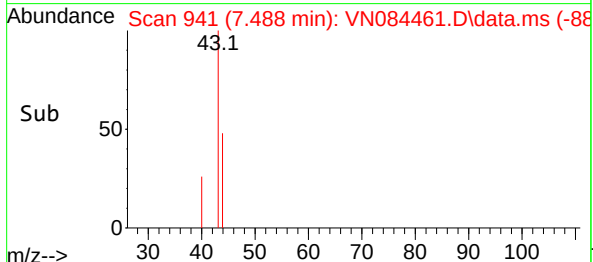
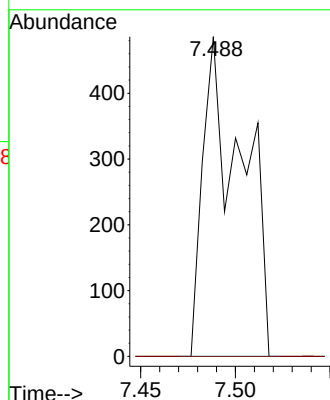
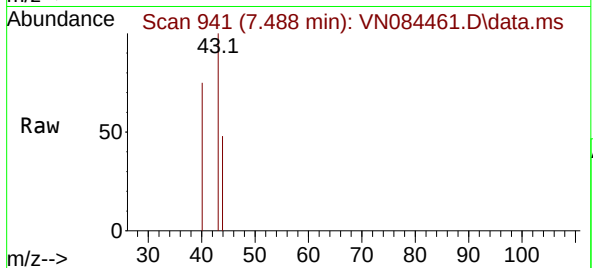
BP-VPB-190-DUP-20241018

Tgt Ion: 43 Resp: 693

Ion Ratio Lower Upper

43 100

72 0.0 21.4 32.2#



#30

Chloroform

Concen: 0.262 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VN084461.D

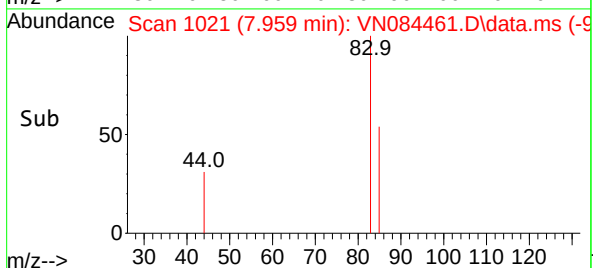
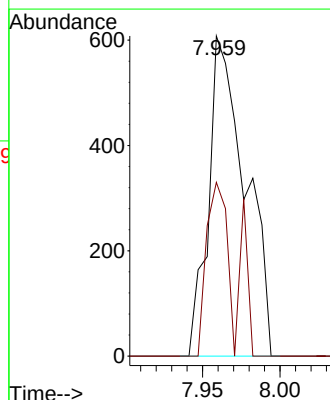
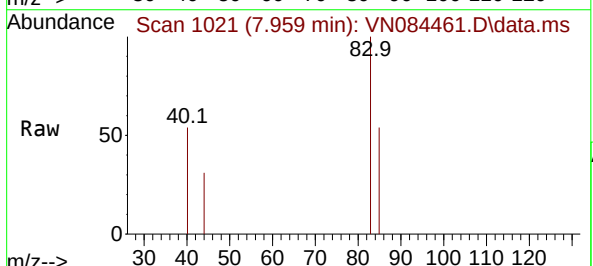
Acq: 22 Oct 2024 17:57

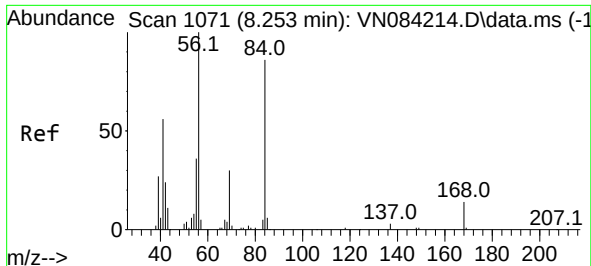
Tgt Ion: 83 Resp: 1005

Ion Ratio Lower Upper

83 100

85 54.3 51.0 76.4

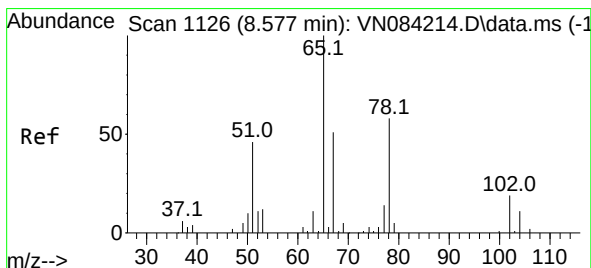
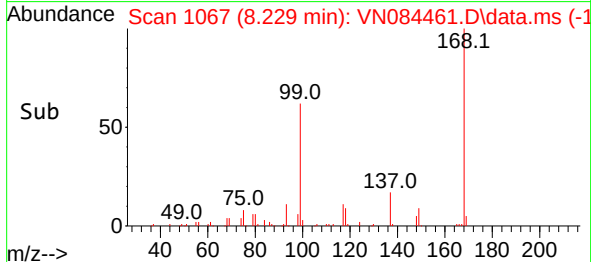
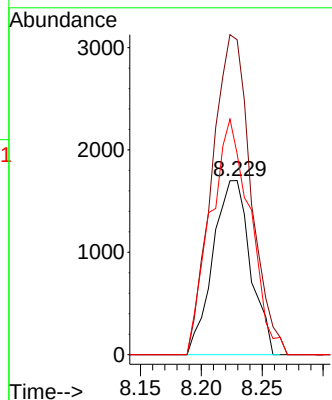
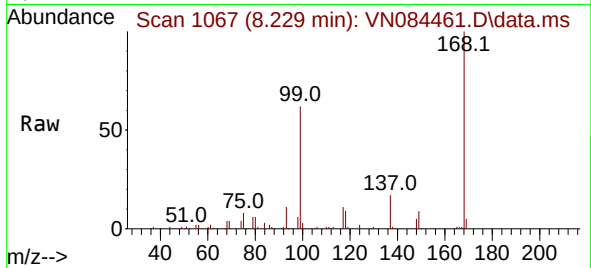




#31
Cyclohexane
Concen: 1.015 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.024 min
Lab File: VN084461.D
Acq: 22 Oct 2024 17:57

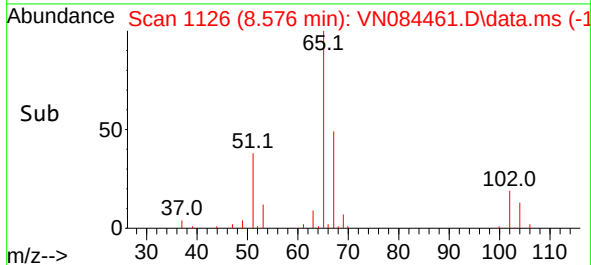
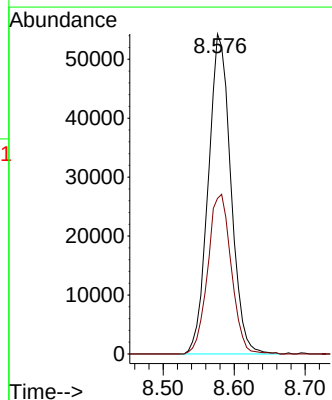
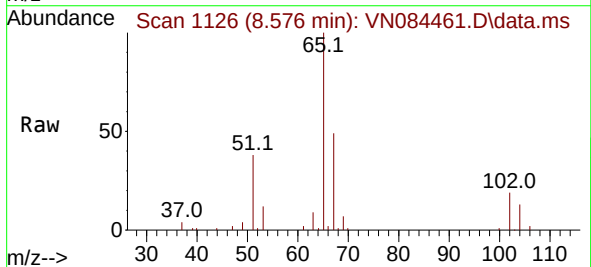
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-DUP-20241018

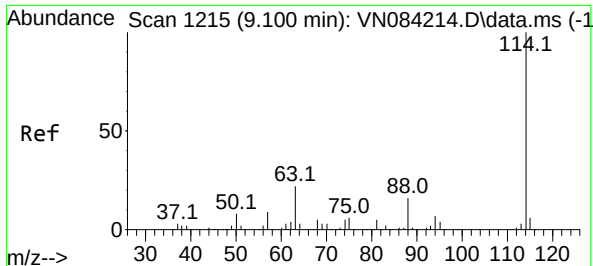
Tgt Ion: 56 Resp: 3634
Ion Ratio Lower Upper
56 100
69 180.8 23.8 35.6#
84 115.3 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 49.579 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084461.D
Acq: 22 Oct 2024 17:57

Tgt Ion: 65 Resp: 119877
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# 11

Delta R.T. -0.000 min

Lab File: VN084461.D

Acq: 22 Oct 2024 17:57

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-190-DUP-20241018

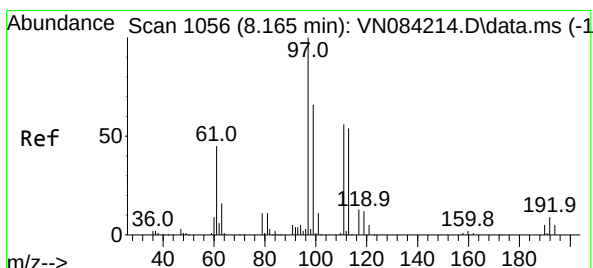
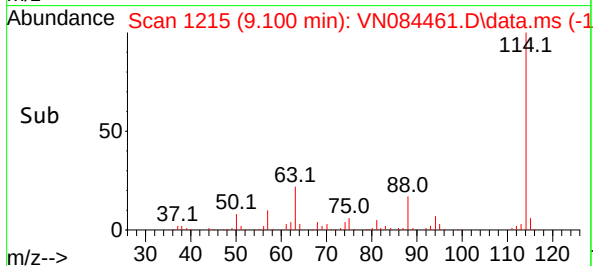
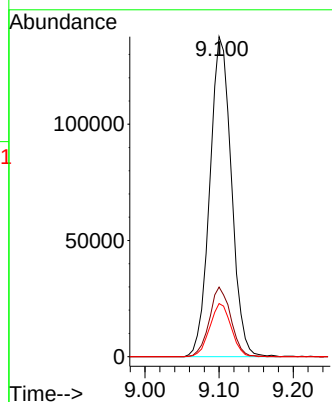
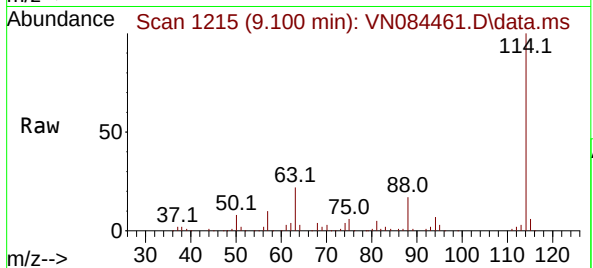
Tgt Ion:114 Resp: 278181

Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.8

88 16.6 0.0 31.6



#35

Dibromofluoromethane

Concen: 52.647 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084461.D

Acq: 22 Oct 2024 17:57

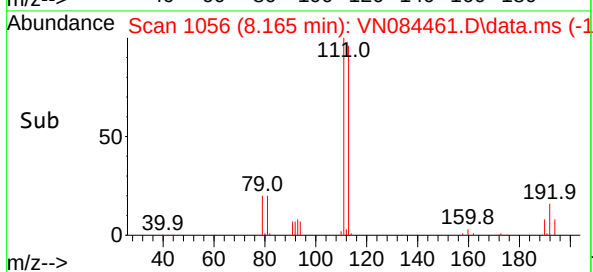
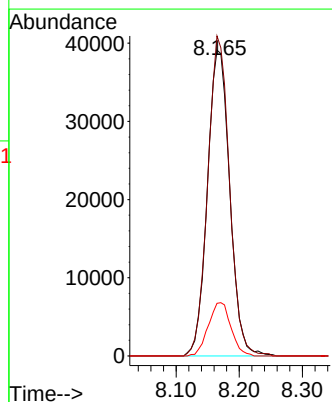
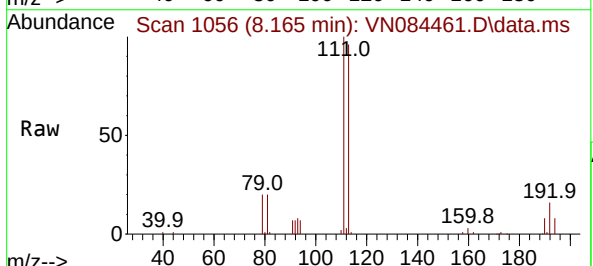
Tgt Ion:113 Resp: 96551

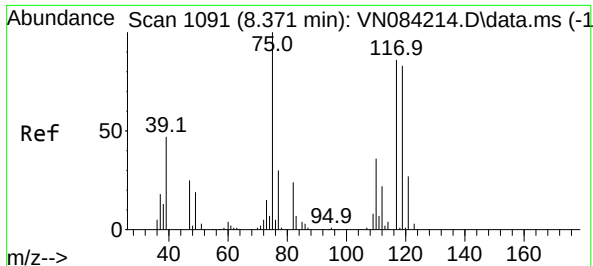
Ion Ratio Lower Upper

113 100

111 101.5 83.3 124.9

192 17.6 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.295 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084461.D

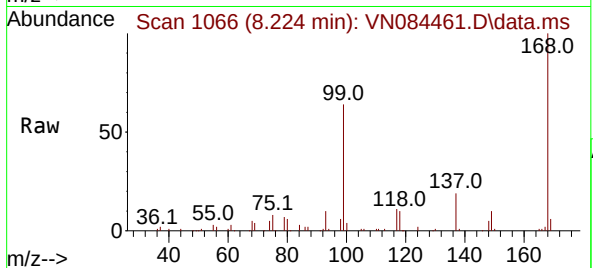
Acq: 22 Oct 2024 17:57

Instrument :

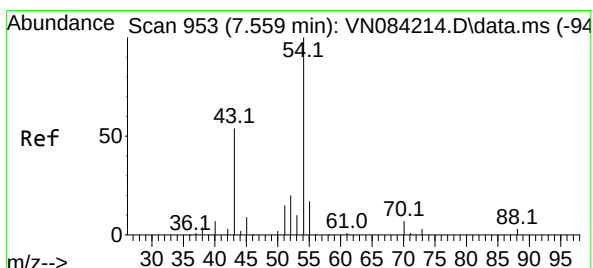
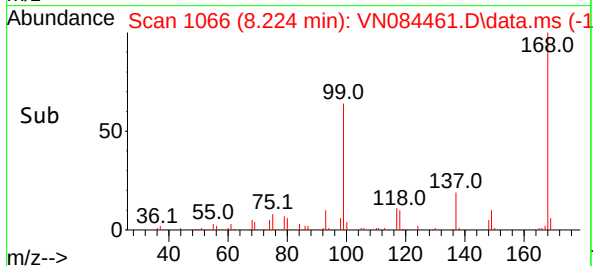
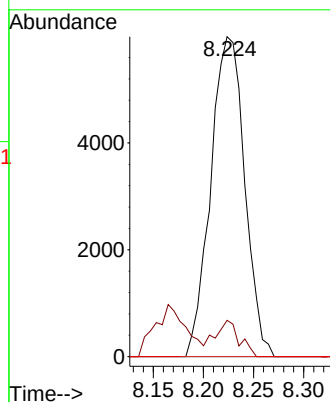
MSVOA_N

ClientSampleId :

BP-VPB-190-DUP-20241018



Tgt Ion:	75	Resp:	14105
Ion Ratio	Lower	Upper	
75	100		
110	8.1	16.9	50.7#
77	0.0	24.7	37.1#



#37

Ethyl Acetate

Concen: 0.254 ug/l

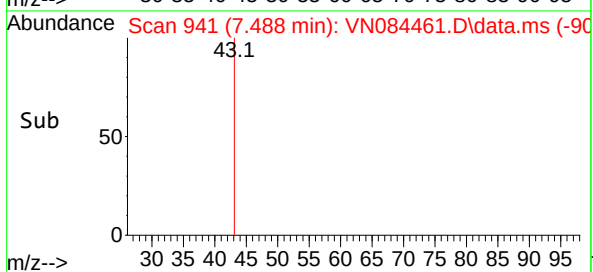
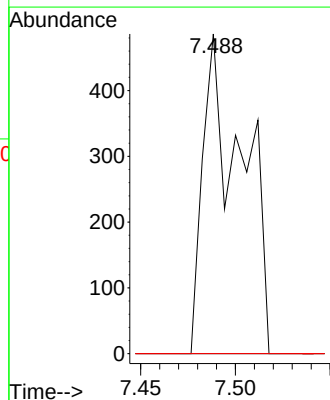
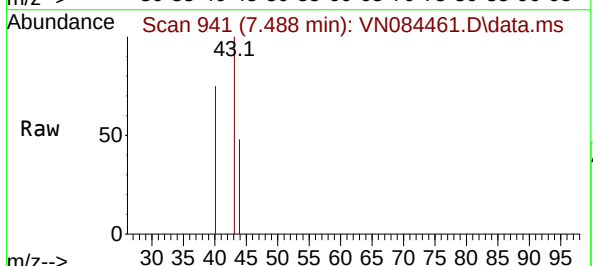
RT: 7.488 min Scan# 941

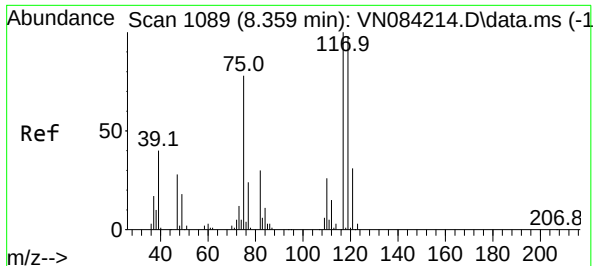
Delta R.T. -0.071 min

Lab File: VN084461.D

Acq: 22 Oct 2024 17:57

Tgt Ion:	43	Resp:	693
Ion Ratio	Lower	Upper	
43	100		
61	0.0	10.7	16.1#
70	0.0	8.8	13.2#

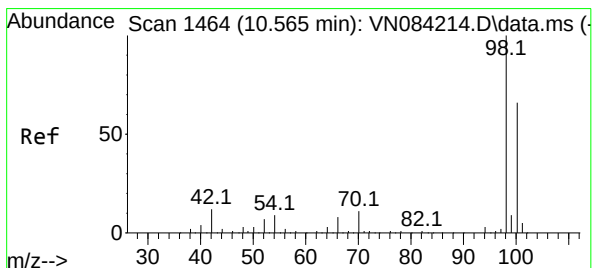
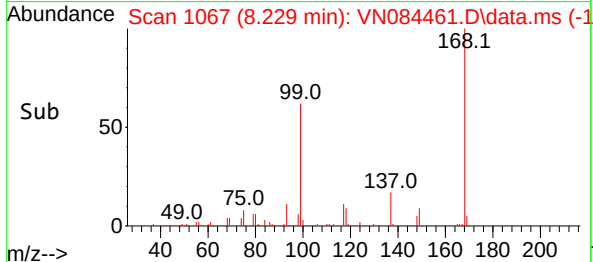
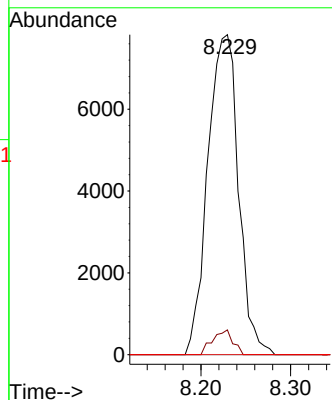
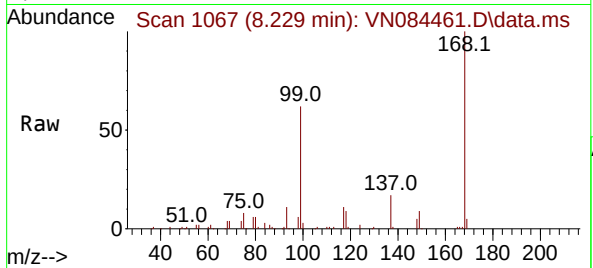




#38
Carbon Tetrachloride
Concen: 6.359 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.130 min
Lab File: VN084461.D
Acq: 22 Oct 2024 17:57

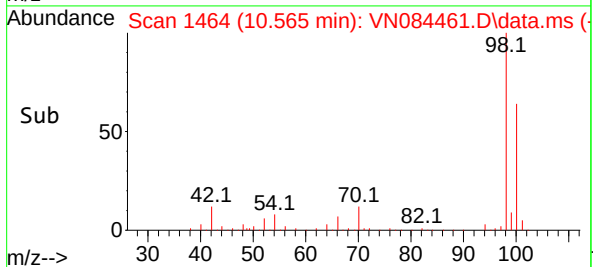
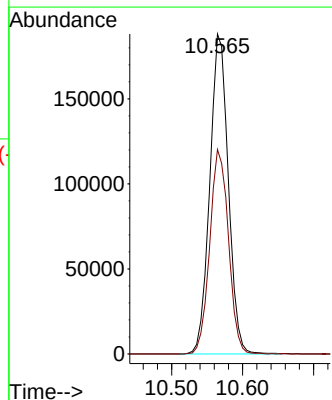
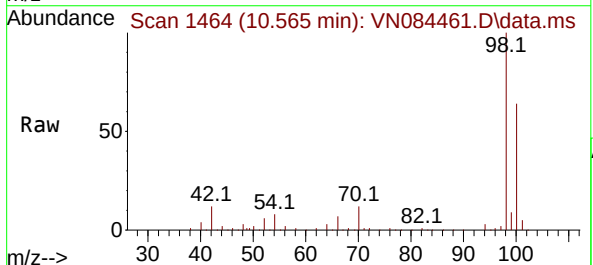
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-DUP-20241018

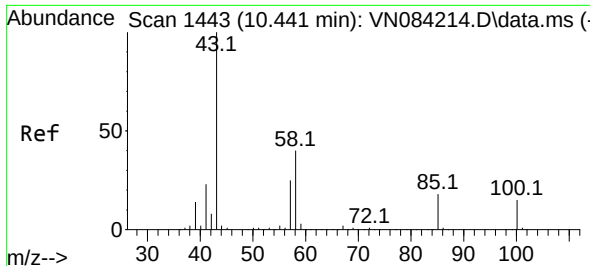
Tgt Ion:117 Resp: 18583
Ion Ratio Lower Upper
117 100
119 7.7 78.7 118.1#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 50.380 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084461.D
Acq: 22 Oct 2024 17:57

Tgt Ion: 98 Resp: 339927
Ion Ratio Lower Upper
98 100
100 64.6 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 0.577 ug/l

RT: 10.559 min Scan# 1443

Delta R.T. 0.117 min

Lab File: VN084461.D

Acq: 22 Oct 2024 17:57

Instrument :

MSVOA_N

ClientSampleId :

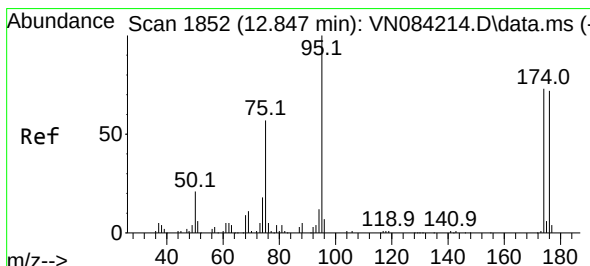
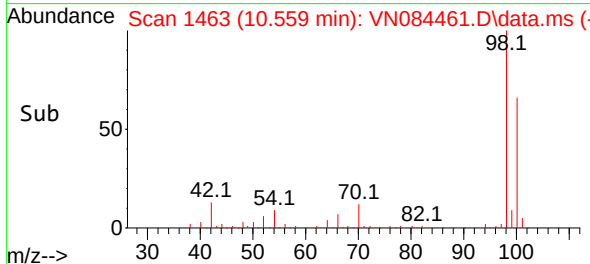
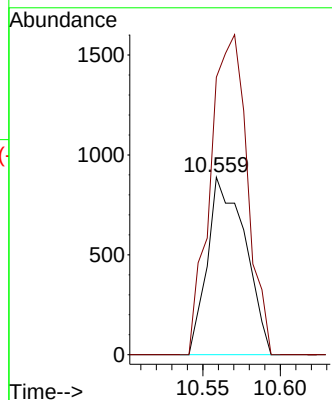
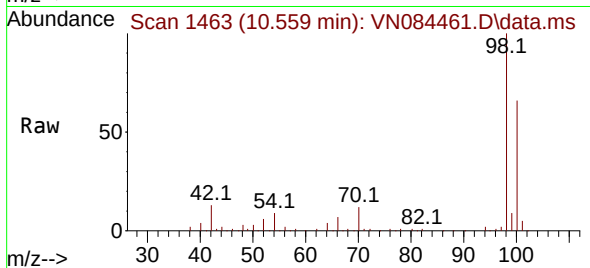
BP-VPB-190-DUP-20241018

Tgt Ion: 43 Resp: 1500

Ion Ratio Lower Upper

43 100

58 177.5 31.6 47.4#



#62

4-Bromofluorobenzene

Concen: 47.485 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084461.D

Acq: 22 Oct 2024 17:57

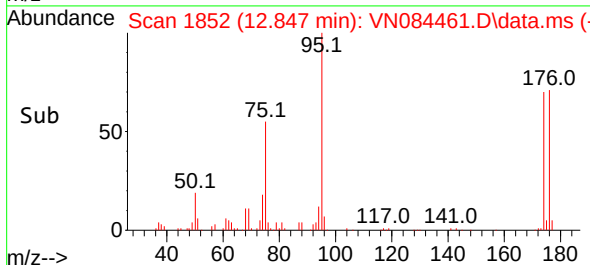
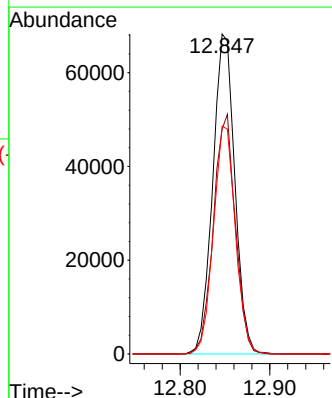
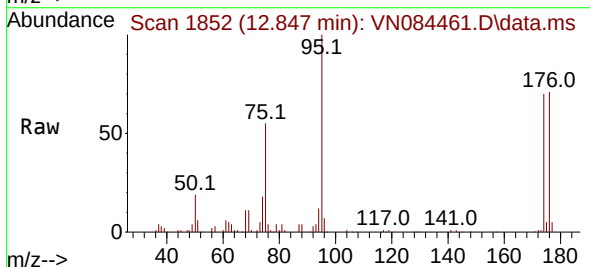
Tgt Ion: 95 Resp: 116722

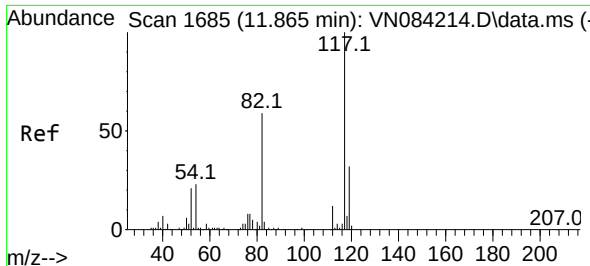
Ion Ratio Lower Upper

95 100

174 74.1 0.0 145.2

176 70.8 0.0 140.0

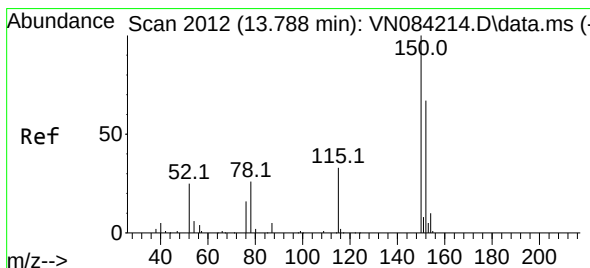
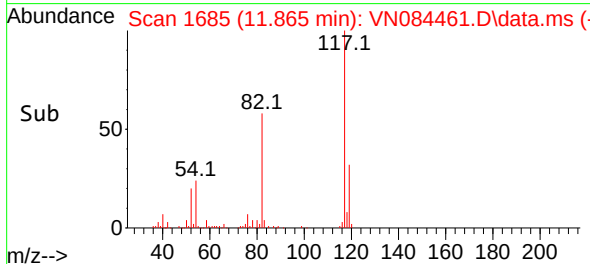
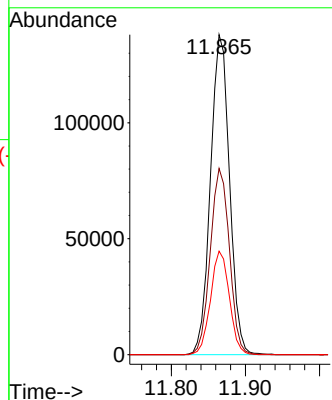
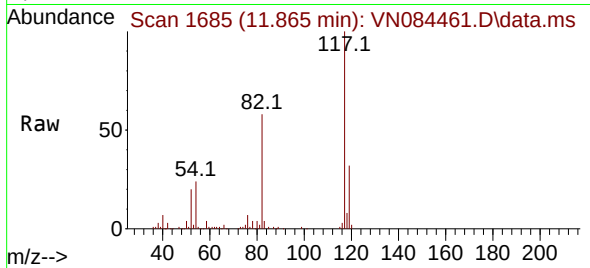




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084461.D
Acq: 22 Oct 2024 17:57

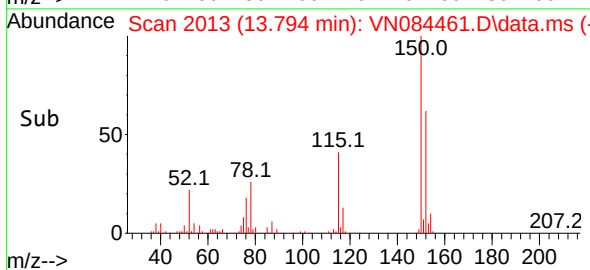
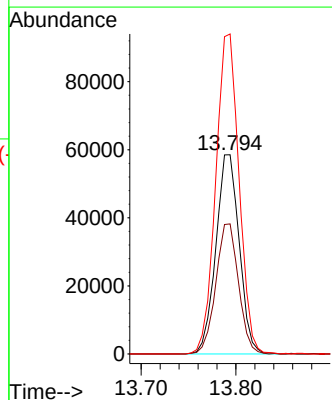
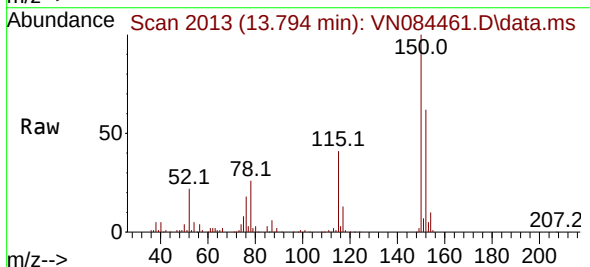
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-DUP-20241018

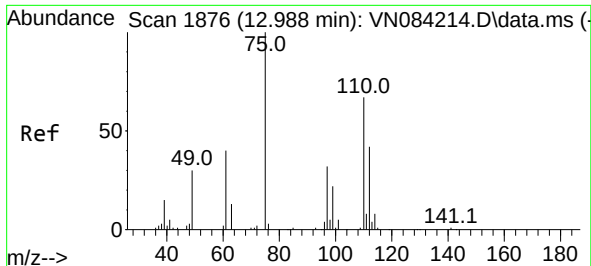
Tgt Ion:117 Resp: 246196
Ion Ratio Lower Upper
117 100
82 58.2 47.2 70.8
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN084461.D
Acq: 22 Oct 2024 17:57

Tgt Ion:152 Resp: 100139
Ion Ratio Lower Upper
152 100
115 63.6 31.3 93.9
150 160.3 0.0 349.8

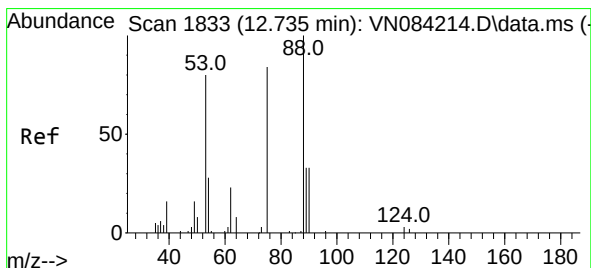
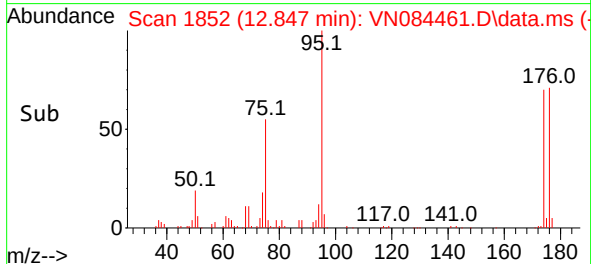
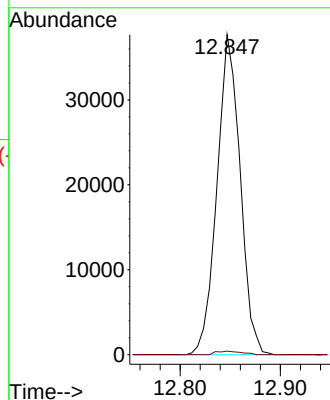
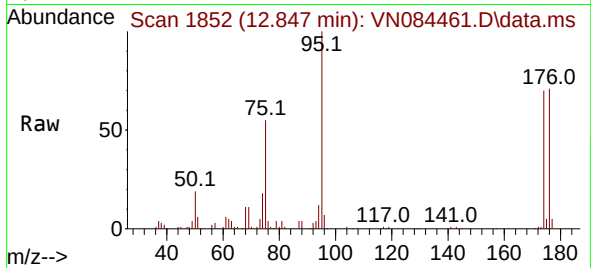




#76
1,2,3-Trichloropropane
Concen: 29.536 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084461.D
Acq: 22 Oct 2024 17:57

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-190-DUP-20241018

Tgt Ion: 75 Resp: 60383
Ion Ratio Lower Upper
75 100
77 1.2 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.812 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084461.D
Acq: 22 Oct 2024 17:57

Tgt Ion: 75 Resp: 60383
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#

