

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110824\
 Data File : VN084747.D
 Acq On : 08 Nov 2024 14:08
 Operator : JC\MD
 Sample : P4774-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VPB190-HYD-20241106

Quant Time: Nov 08 22:30:37 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)

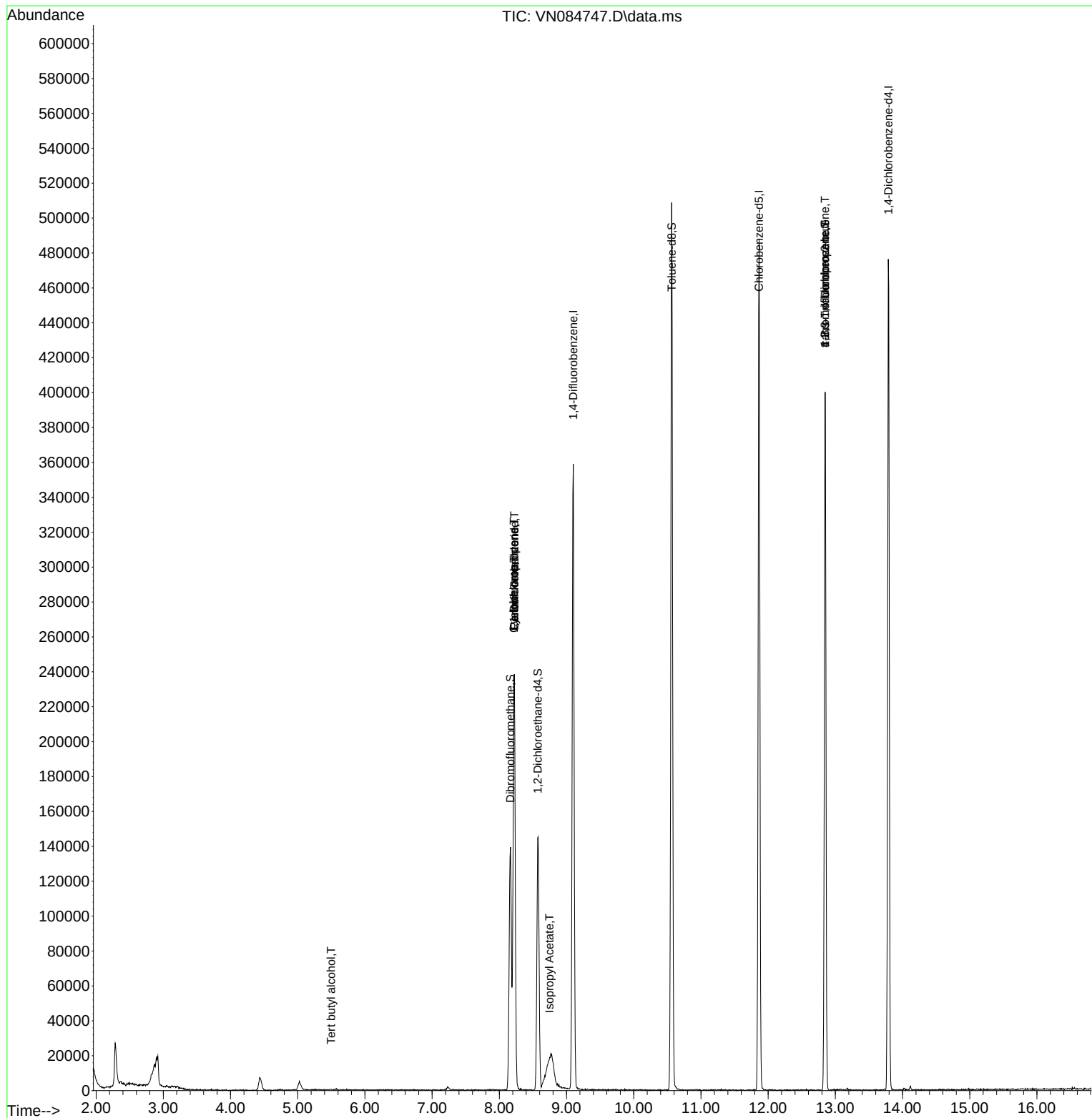
Internal Standards						
1) Pentafluorobenzene	8.224	168	177086	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	308440	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	278450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	131449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	124987	48.867	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.740%		
35) Dibromofluoromethane	8.165	113	100927	48.342	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.680%		
50) Toluene-d8	10.565	98	351785	45.742	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.480%		
62) 4-Bromofluorobenzene	12.847	95	140655	48.936	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	97.880%		
Target Compounds						
3) Chloromethane	2.354	50	1276	Below Cal	#	88
6) Chloroethane	3.212	64	895	Below Cal	#	45
11) Tert butyl alcohol	5.495	59	142	0.421 ug/l	#	73
16) Acetone	4.436	43	1232	Below Cal	#	44
18) Methyl Acetate	5.024	43	9475	Below Cal		98
31) Cyclohexane	8.218	56	3644	1.032 ug/l	#	1
36) 1,1-Dichloropropene	8.218	75	14762	5.098 ug/l	#	49
38) Carbon Tetrachloride	8.224	117	19047	5.885 ug/l	#	15
43) Isopropyl Acetate	8.747	43	25842	4.445 ug/l	#	57
76) 1,2,3-Trichloropropane	12.847	75	72079	27.431 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.847	75	72079	65.078 ug/l	#	11
88) 1,4-Dichlorobenzene	13.729	146	220	Below Cal		90

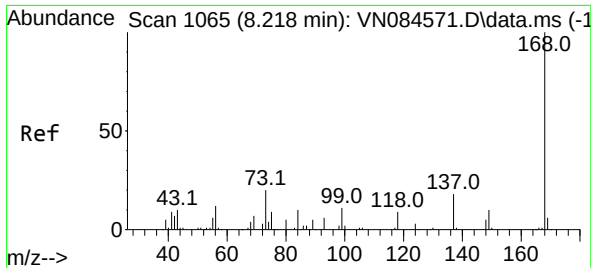
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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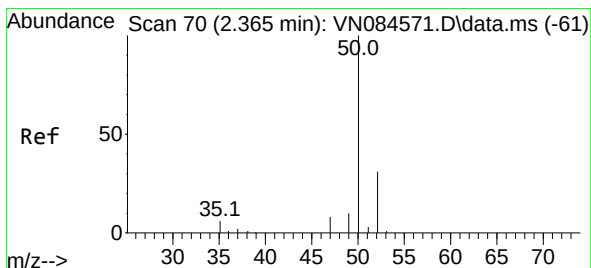
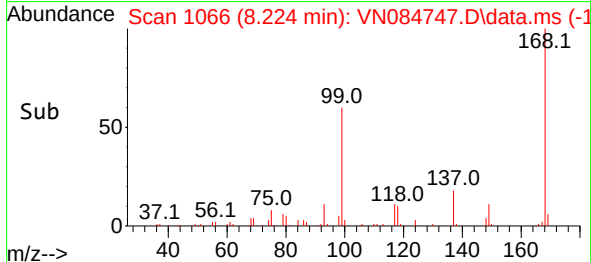
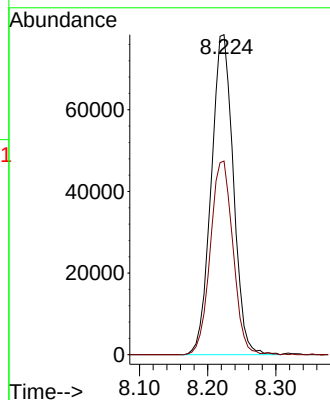
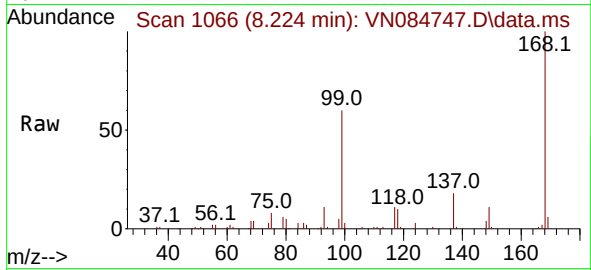




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN084747.D
Acq: 08 Nov 2024 14:08

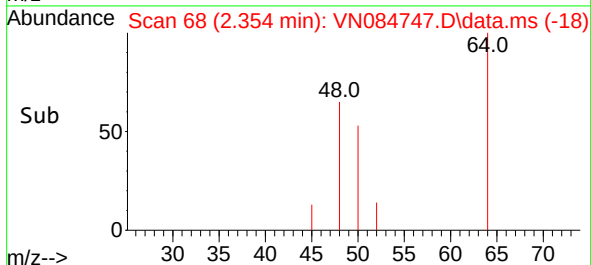
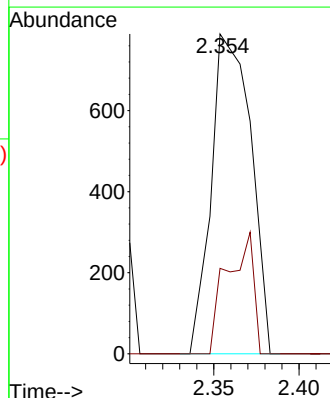
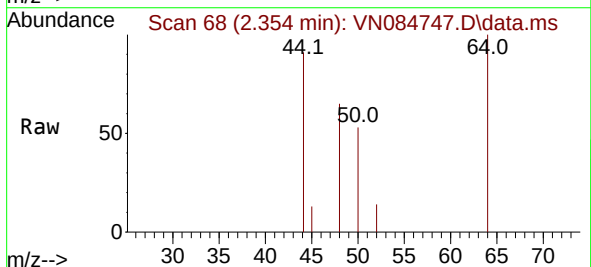
Instrument :
MSVOA_N
ClientSampleId :
VPB190-HYD-20241106

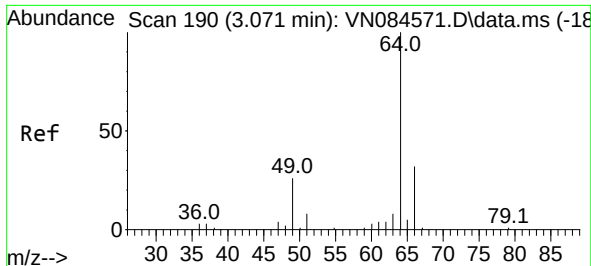
Tgt Ion:168 Resp: 177086
Ion Ratio Lower Upper
168 100
99 60.5 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.354 min Scan# 68
Delta R.T. -0.005 min
Lab File: VN084747.D
Acq: 08 Nov 2024 14:08

Tgt Ion: 50 Resp: 1276
Ion Ratio Lower Upper
50 100
52 26.7 26.8 40.2#

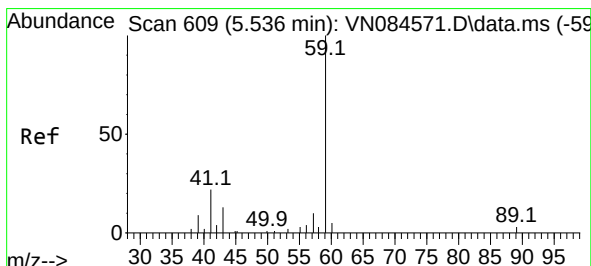
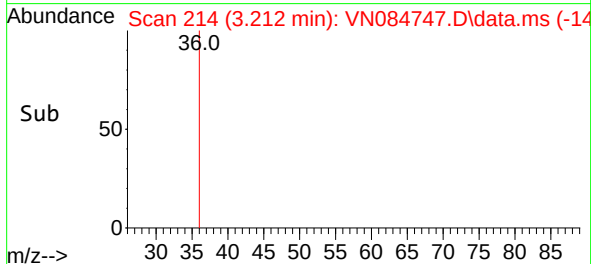
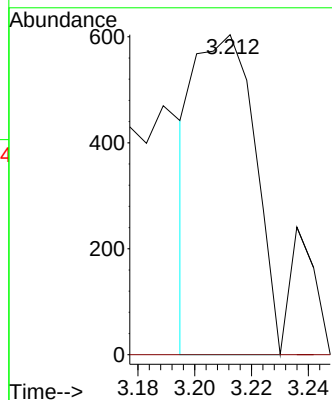
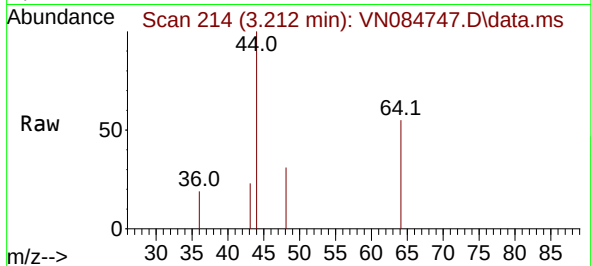




#6
Chloroethane
Concen: Below Cal
RT: 3.212 min Scan# 21
Delta R.T. 0.094 min
Lab File: VN084747.D
Acq: 08 Nov 2024 14:08

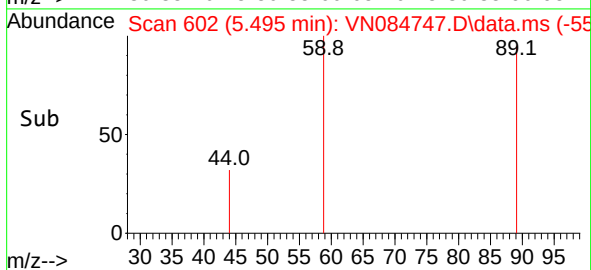
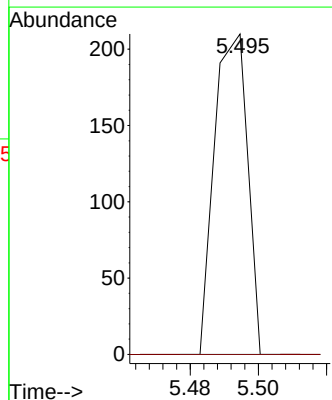
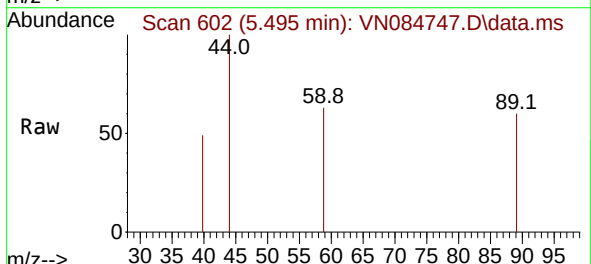
Instrument :
MSVOA_N
ClientSampleId :
VPB190-HYD-20241106

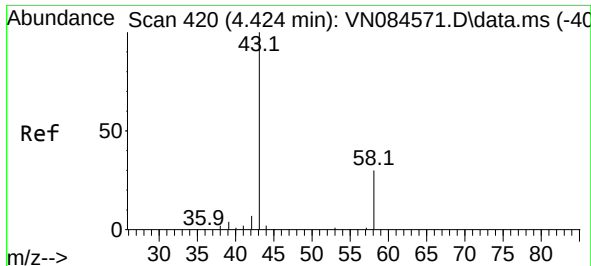
Tgt Ion: 64 Resp: 895
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#11
Tert butyl alcohol
Concen: 0.421 ug/l
RT: 5.495 min Scan# 602
Delta R.T. -0.029 min
Lab File: VN084747.D
Acq: 08 Nov 2024 14:08

Tgt Ion: 59 Resp: 142
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#16

Acetone

Concen: Below Cal

RT: 4.436 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN084747.D

Acq: 08 Nov 2024 14:08

Instrument :

MSVOA_N

ClientSampleId :

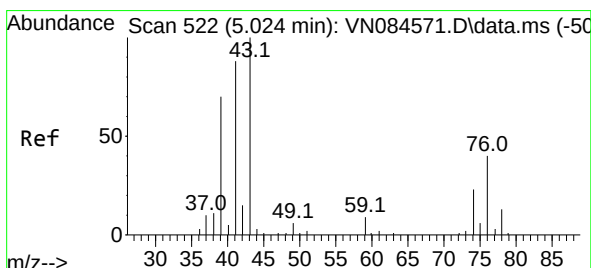
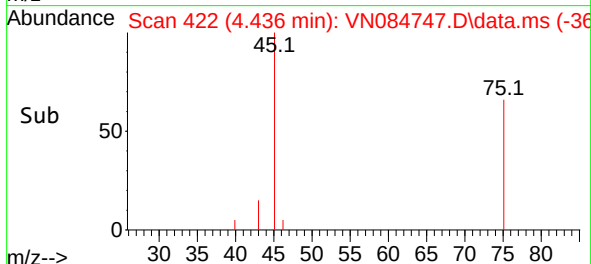
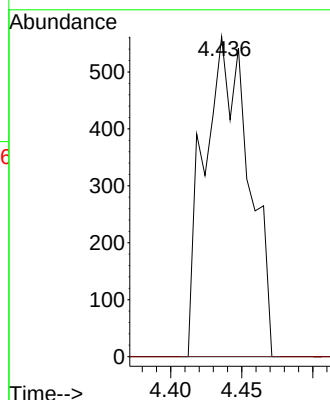
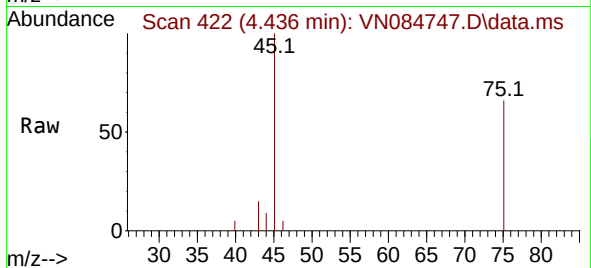
VPB190-HYD-20241106

Tgt Ion: 43 Resp: 1232

Ion Ratio Lower Upper

43 100

58 0.0 24.4 36.6#



#18

Methyl Acetate

Concen: Below Cal

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN084747.D

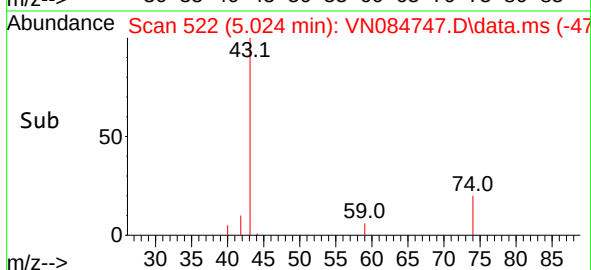
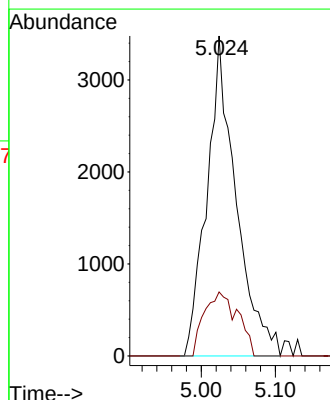
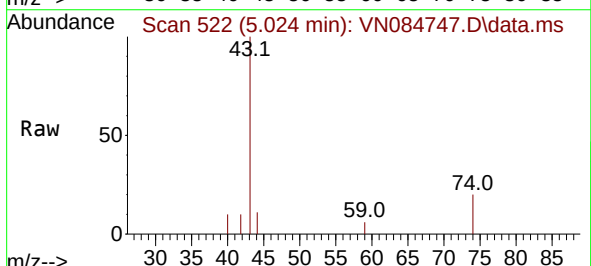
Acq: 08 Nov 2024 14:08

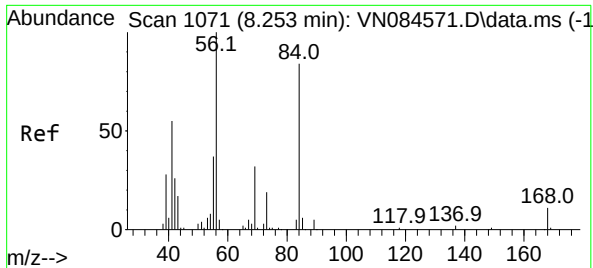
Tgt Ion: 43 Resp: 9475

Ion Ratio Lower Upper

43 100

74 23.0 19.2 28.8

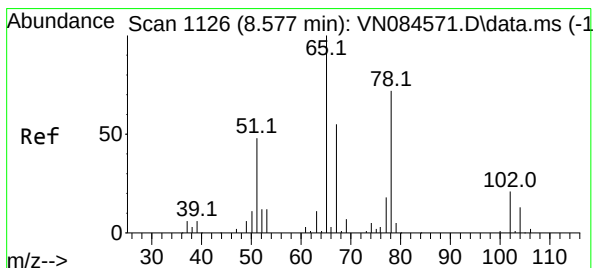
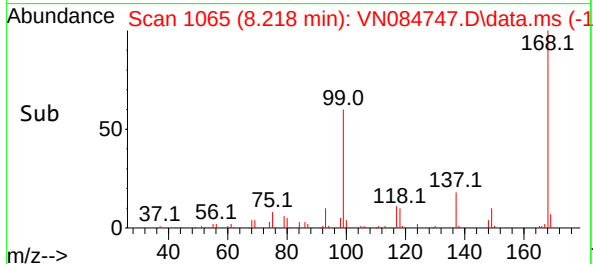
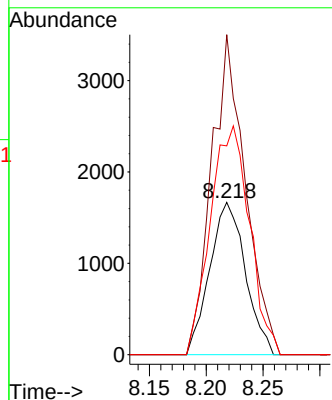
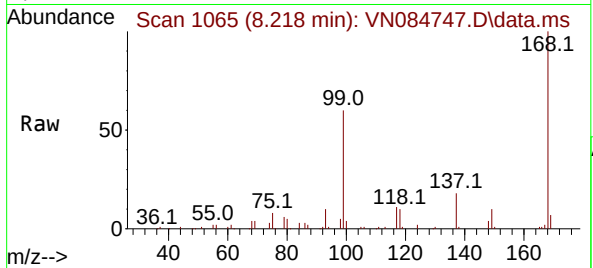




#31
Cyclohexane
Concen: 1.032 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084747.D
Acq: 08 Nov 2024 14:08

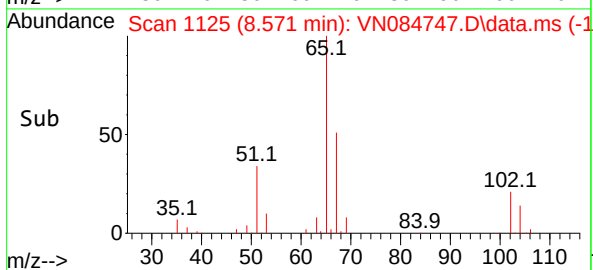
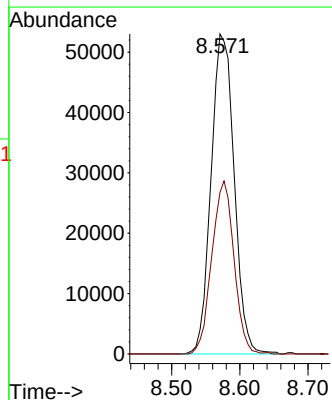
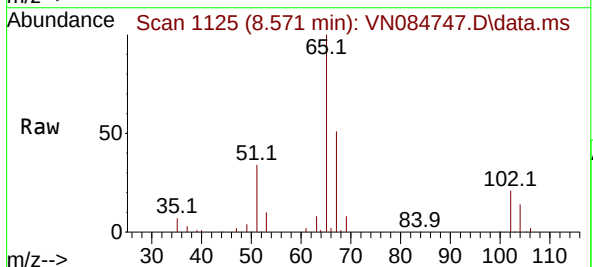
Instrument : MSVOA_N
ClientSampleId : VPB190-HYD-20241106

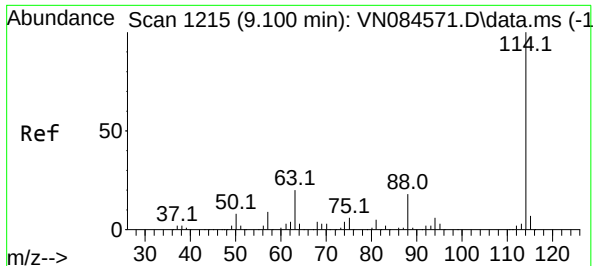
Tgt Ion: 56 Resp: 3644
Ion Ratio Lower Upper
56 100
69 210.1 23.8 35.6#
84 137.1 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 48.867 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN084747.D
Acq: 08 Nov 2024 14:08

Tgt Ion: 65 Resp: 124987
Ion Ratio Lower Upper
65 100
67 52.0 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: VN084747.D

Acq: 08 Nov 2024 14:08

Instrument :

MSVOA_N

ClientSampleId :

VPB190-HYD-20241106

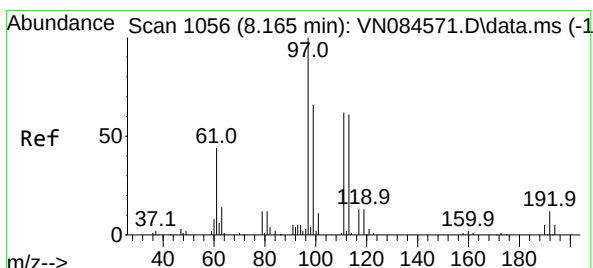
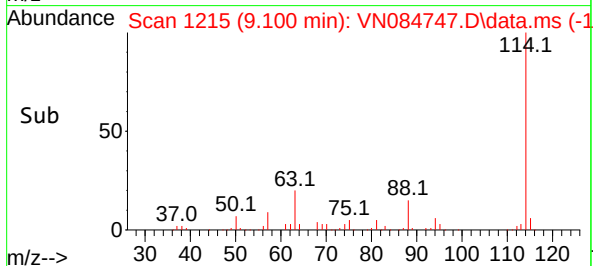
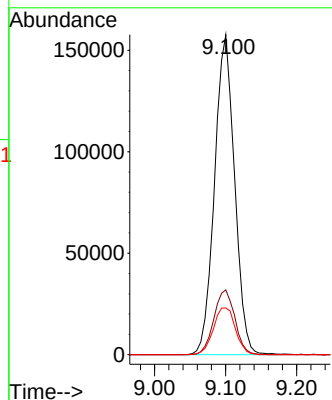
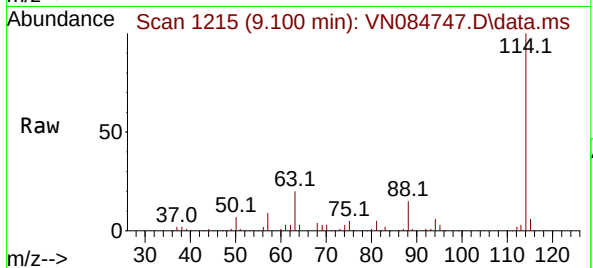
Tgt Ion:114 Resp: 308440

Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.8

88 14.6 0.0 31.6



#35

Dibromofluoromethane

Concen: 48.342 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084747.D

Acq: 08 Nov 2024 14:08

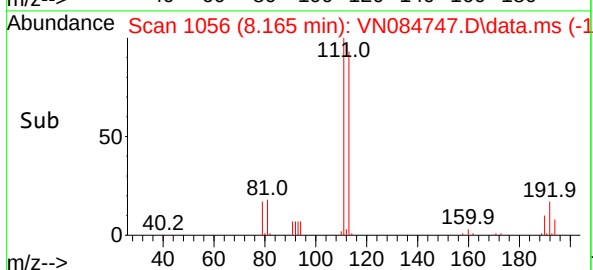
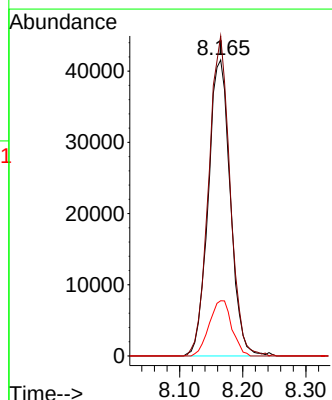
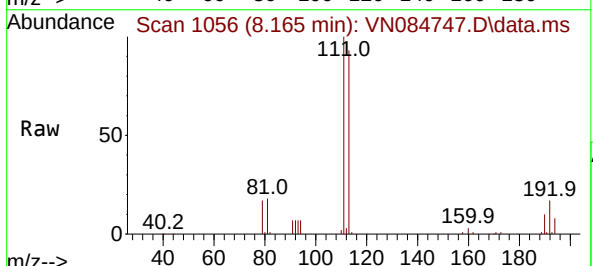
Tgt Ion:113 Resp: 100927

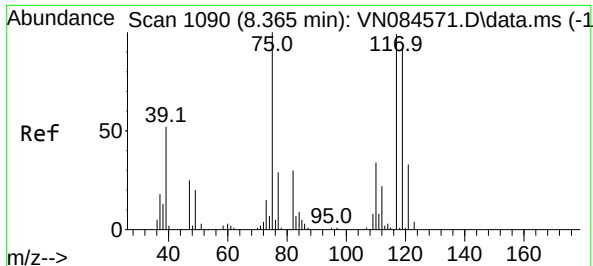
Ion Ratio Lower Upper

113 100

111 104.6 83.3 124.9

192 19.1 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.098 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN084747.D

Acq: 08 Nov 2024 14:08

Instrument :

MSVOA_N

ClientSampleId :

VPB190-HYD-20241106

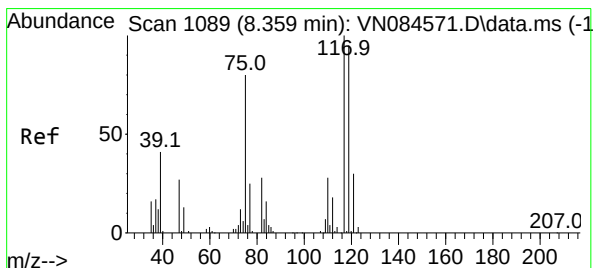
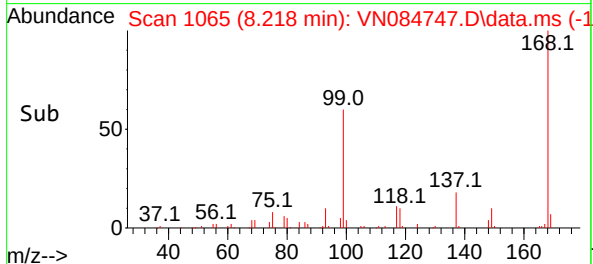
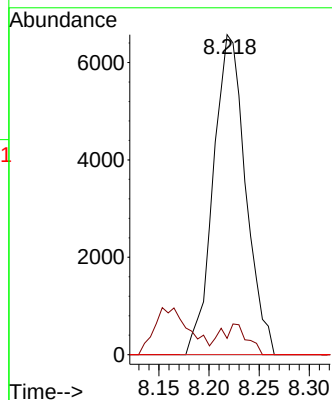
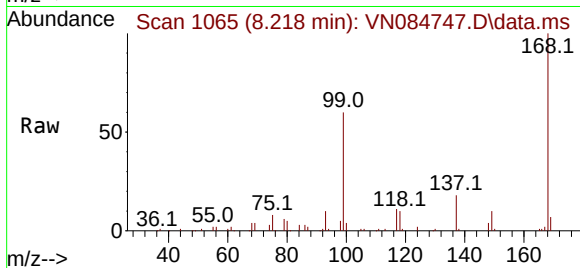
Tgt Ion: 75 Resp: 14762

Ion Ratio Lower Upper

75 100

110 7.9 16.9 50.7#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.885 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN084747.D

Acq: 08 Nov 2024 14:08

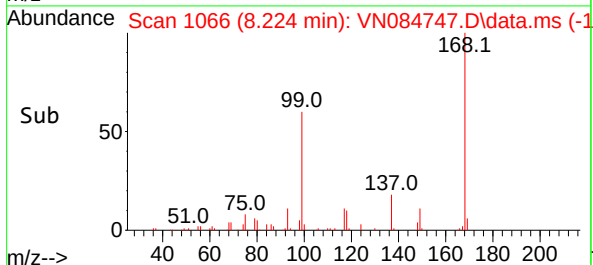
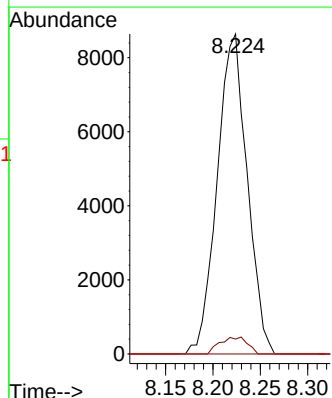
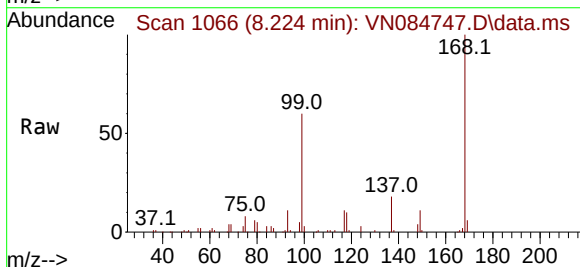
Tgt Ion: 117 Resp: 19047

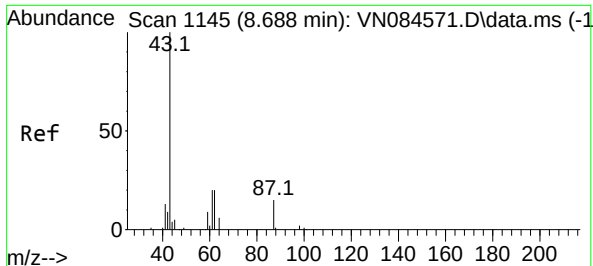
Ion Ratio Lower Upper

117 100

119 4.6 78.7 118.1#

121 0.0 24.4 36.6#

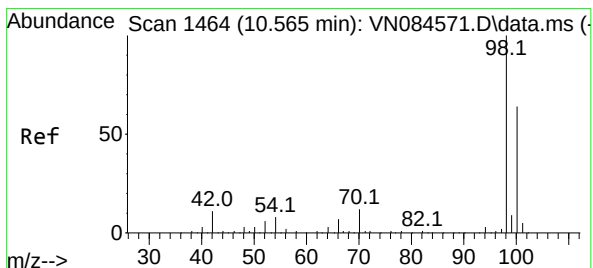
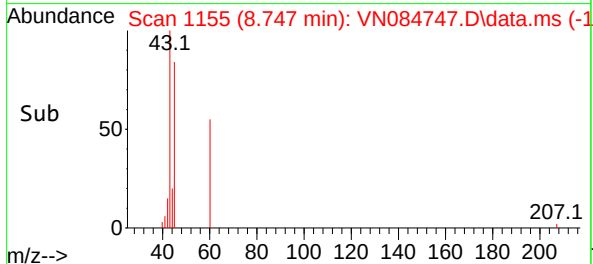
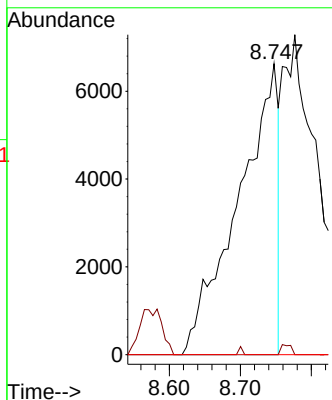
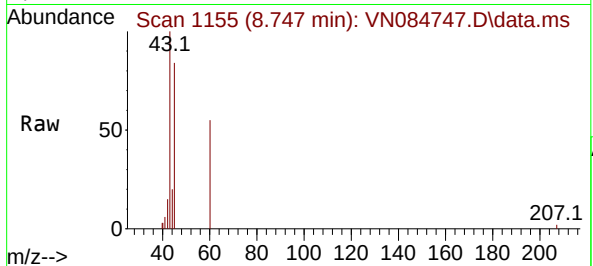




#43
Isopropyl Acetate
Concen: 4.445 ug/l
RT: 8.747 min Scan# 1155
Delta R.T. 0.059 min
Lab File: VN084747.D
Acq: 08 Nov 2024 14:08

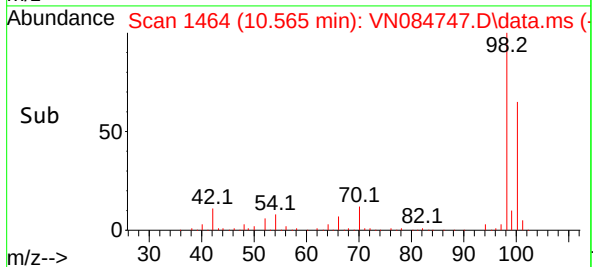
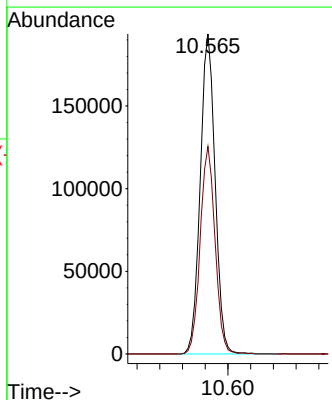
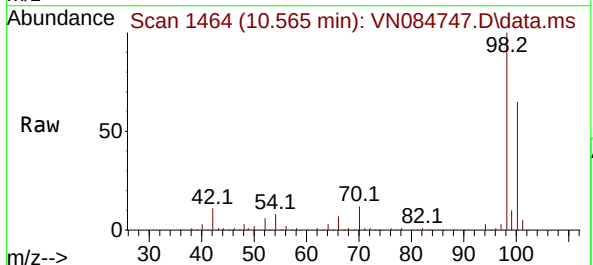
Instrument :
MSVOA_N
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VPB190-HYD-20241106

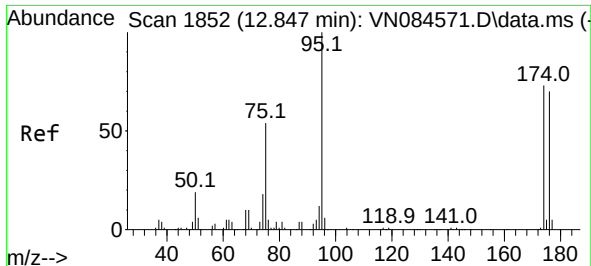
Tgt Ion: 43 Resp: 25842
Ion Ratio Lower Upper
43 100
61 0.9 20.4 30.6#
87 0.0 10.3 15.5#



#50
Toluene-d8
Concen: 45.742 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084747.D
Acq: 08 Nov 2024 14:08

Tgt Ion: 98 Resp: 351785
Ion Ratio Lower Upper
98 100
100 64.7 52.7 79.1





#62

4-Bromofluorobenzene

Concen: 48.936 ug/l

RT: 12.847 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084747.D

Acq: 08 Nov 2024 14:08

Instrument :

MSVOA_N

ClientSampleId :

VPB190-HYD-20241106

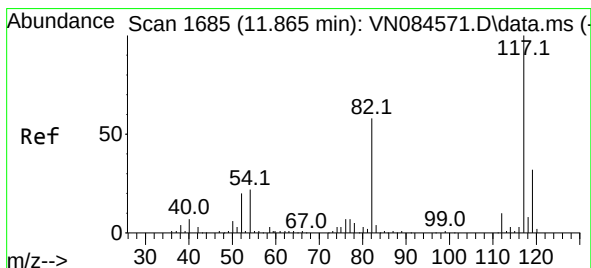
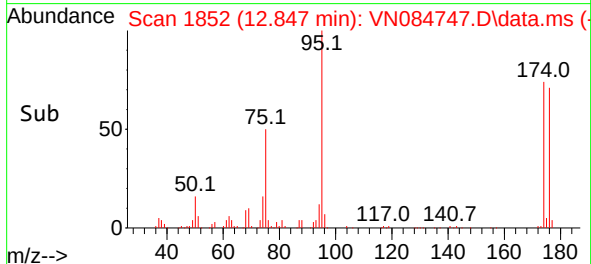
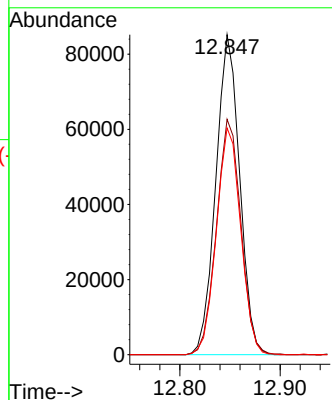
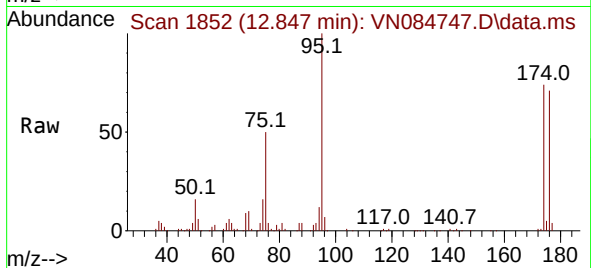
Tgt Ion: 95 Resp: 140655

Ion Ratio Lower Upper

95 100

174 75.5 0.0 145.2

176 72.3 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: VN084747.D

Acq: 08 Nov 2024 14:08

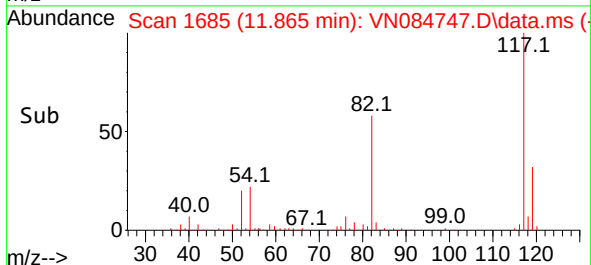
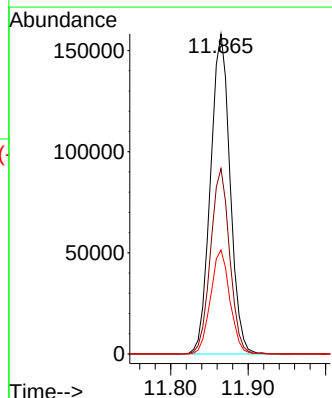
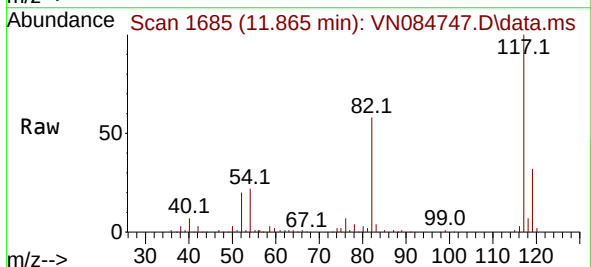
Tgt Ion: 117 Resp: 278450

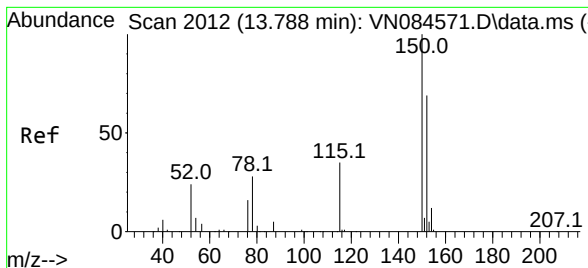
Ion Ratio Lower Upper

117 100

82 58.0 47.2 70.8

119 32.5 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: VN084747.D

Acq: 08 Nov 2024 14:08

Instrument :

MSVOA_N

ClientSampleId :

VPB190-HYD-20241106

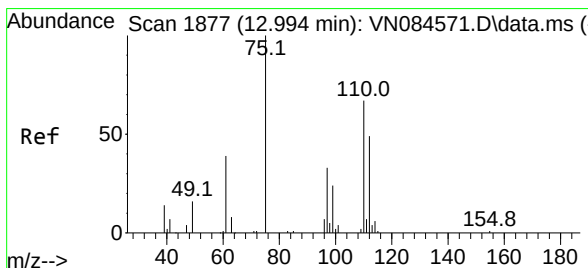
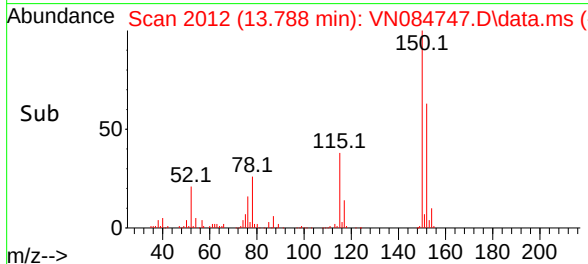
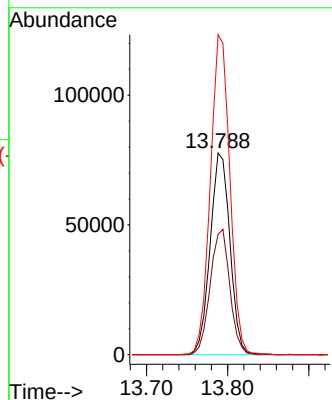
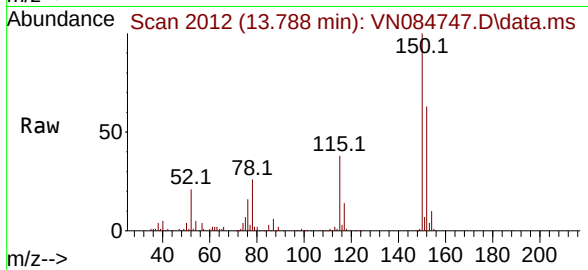
Tgt Ion:152 Resp: 131449

Ion Ratio Lower Upper

152 100

115 61.6 31.3 93.9

150 156.5 0.0 349.8



#76

1,2,3-Trichloropropane

Concen: 27.431 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN084747.D

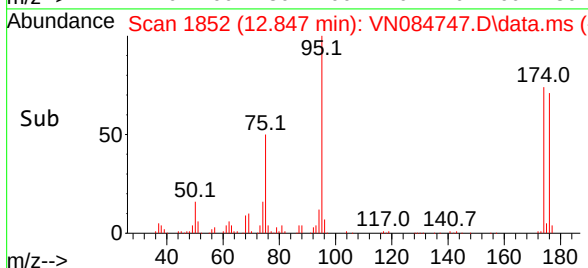
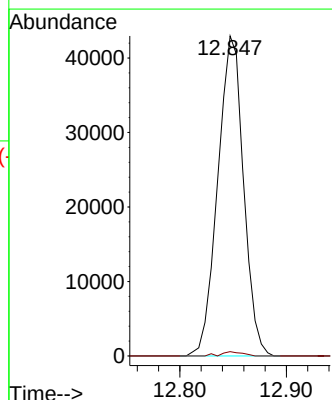
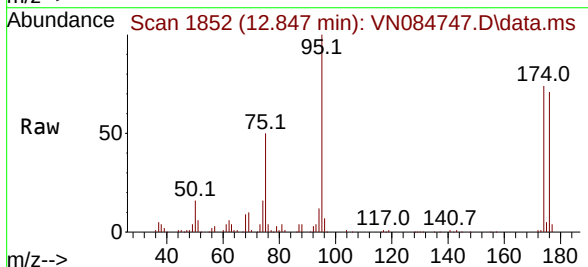
Acq: 08 Nov 2024 14:08

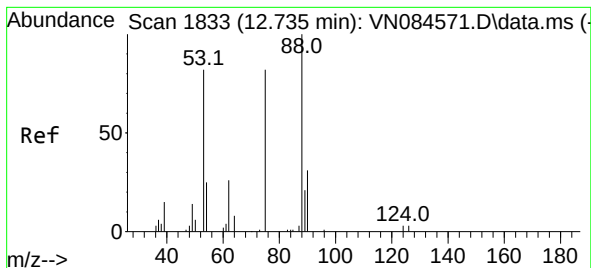
Tgt Ion: 75 Resp: 72079

Ion Ratio Lower Upper

75 100

77 1.1 96.9 290.7#

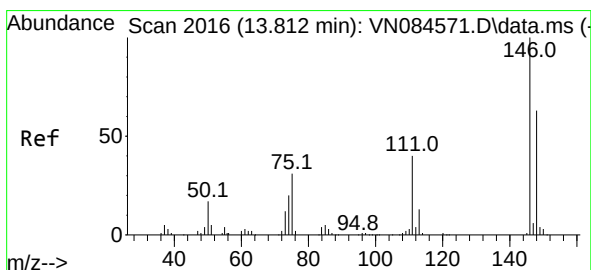
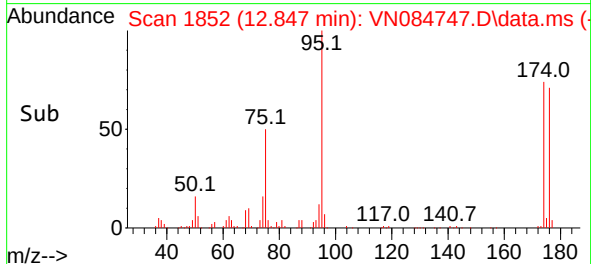
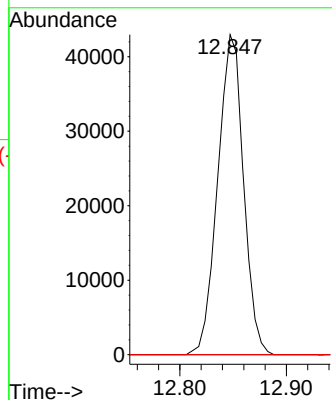
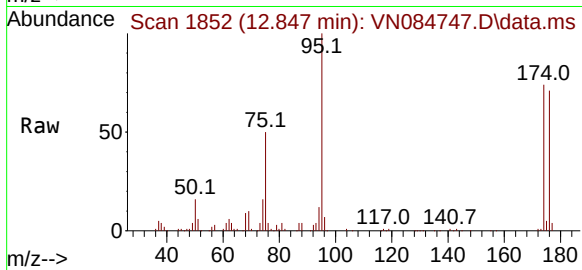




#81
trans-1,4-Dichloro-2-butene
Concen: 65.078 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN084747.D
Acq: 08 Nov 2024 14:08

Instrument :
MSVOA_N
ClientSampleId :
VPB190-HYD-20241106

Tgt Ion: 75 Resp: 72079
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: 13.729 min Scan# 2002
Delta R.T. -0.083 min
Lab File: VN084747.D
Acq: 08 Nov 2024 14:08

Tgt Ion:146 Resp: 220
Ion Ratio Lower Upper
146 100
111 50.5 21.2 63.6
148 57.3 31.9 95.9

