

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092324\
 Data File : VN084107.D
 Acq On : 23 Sep 2024 13:53
 Operator : JC\MD
 Sample : P4116-28RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB

Quant Time: Sep 24 01:32:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

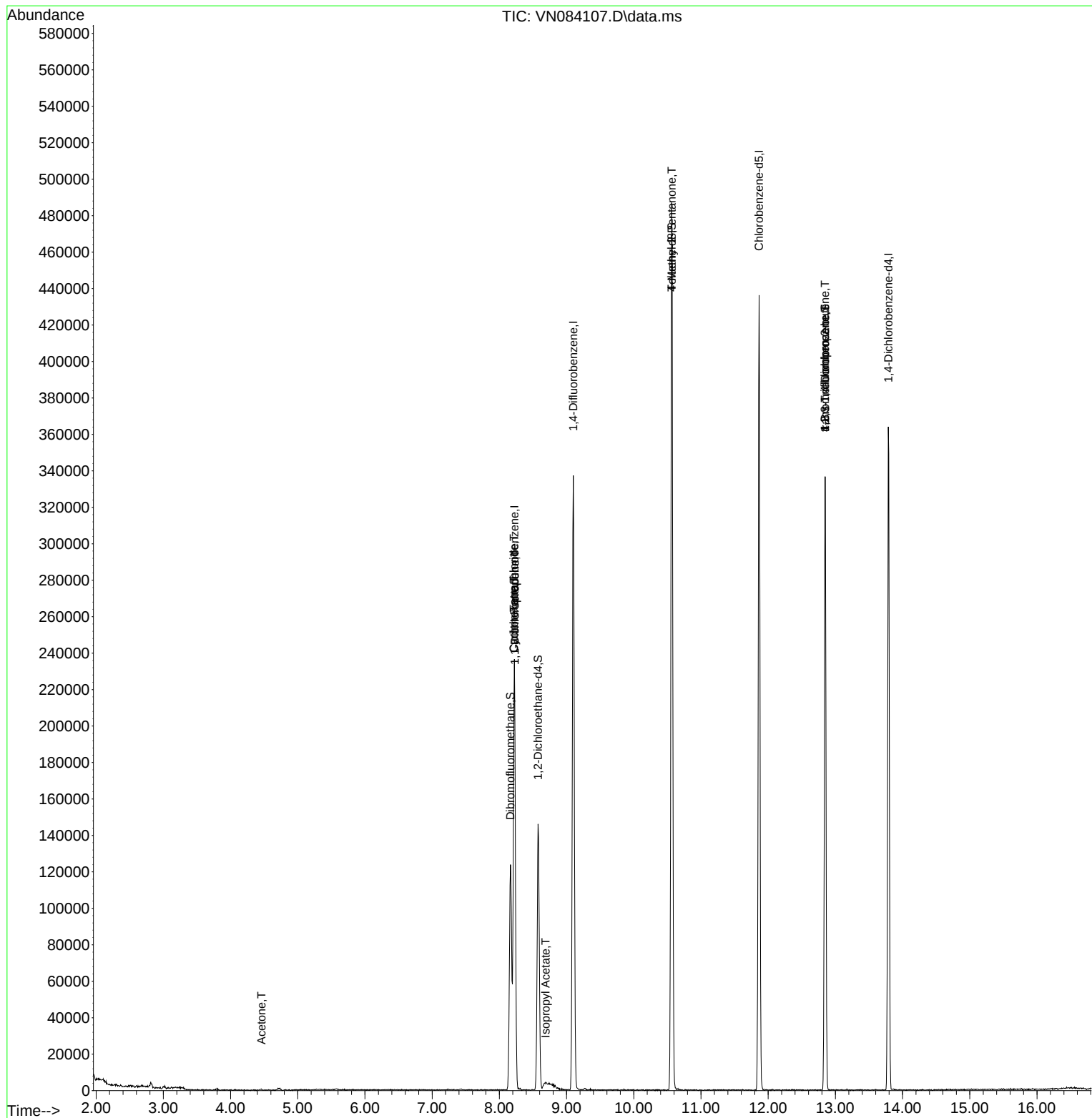
Internal Standards						
1) Pentafluorobenzene	8.224	168	158881	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	277447	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	232920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	92672	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122040	50.941	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.880%	
35) Dibromofluoromethane	8.165	113	89724	50.515	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.040%	
50) Toluene-d8	10.565	98	331675	54.016	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.040%	
62) 4-Bromofluorobenzene	12.847	95	111787	44.126	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 88.260%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	750	Below Cal		90
16) Acetone	4.459	43	590	0.614 ug/l	#	45
18) Methyl Acetate	5.041	43	62	Below Cal	#	52
31) Cyclohexane	8.218	56	4145	1.197 ug/l	#	11
36) 1,1-Dichloropropene	8.230	75	14736	5.512 ug/l	#	49
38) Carbon Tetrachloride	8.218	117	17740	5.849 ug/l	#	18
43) Isopropyl Acetate	8.688	43	5426	1.234 ug/l	#	57
51) 4-Methyl-2-Pentanone	10.565	43	1520	0.635 ug/l	#	1
76) 1,2,3-Trichloropropane	12.847	75	63214	33.805 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.847	75	63214	88.539 ug/l	#	9

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

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Quant Time: Sep 24 01:32:10 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration

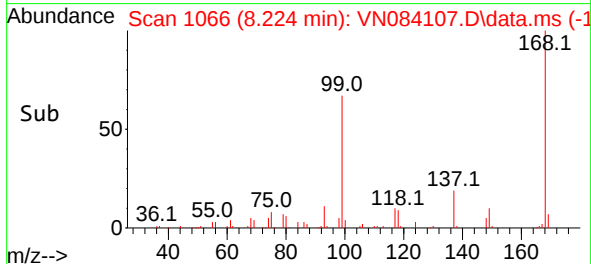
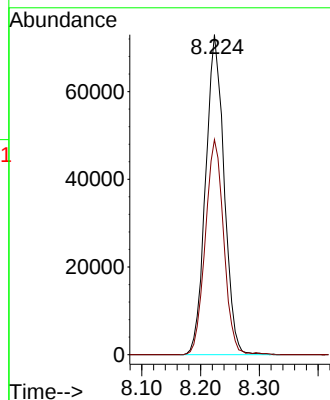
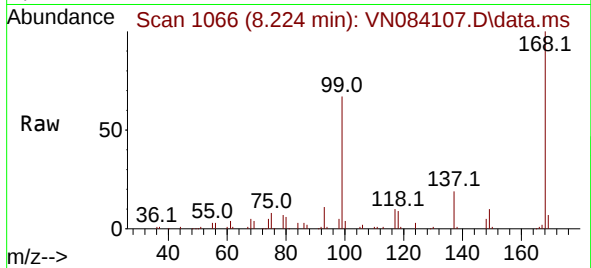




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084107.D
Acq: 23 Sep 2024 13:53

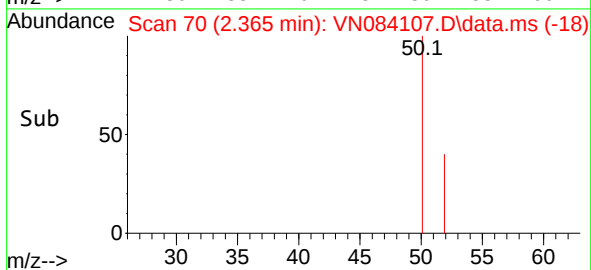
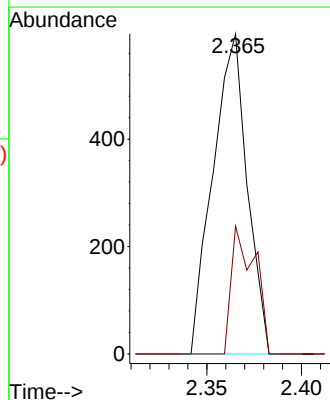
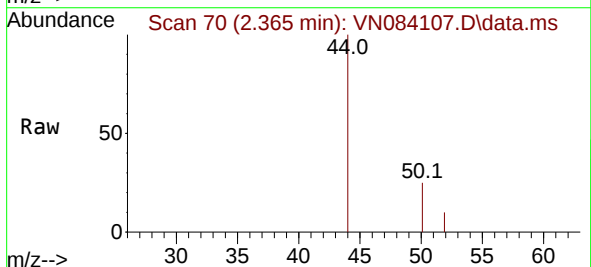
Instrument :
MSVOA_N
ClientSampleId :
TB

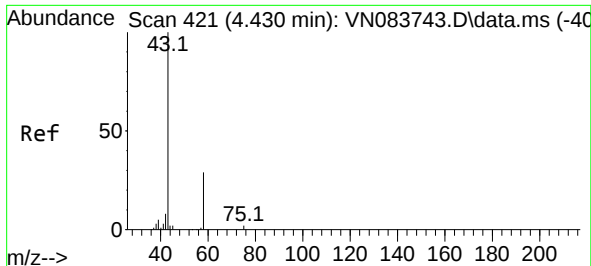
Tgt Ion:168 Resp: 158881
Ion Ratio Lower Upper
168 100
99 67.2 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084107.D
Acq: 23 Sep 2024 13:53

Tgt Ion: 50 Resp: 750
Ion Ratio Lower Upper
50 100
52 39.9 27.2 40.8

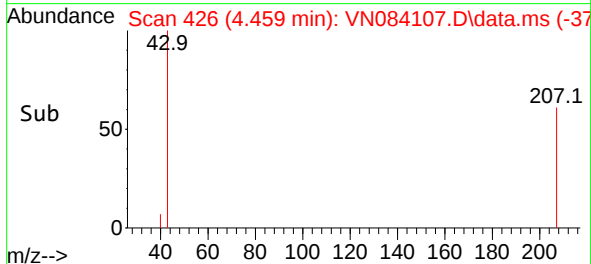
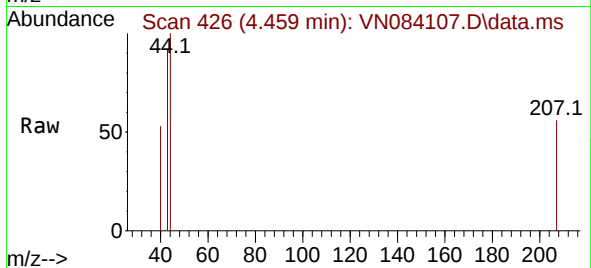




#16
Acetone
Concen: 0.614 ug/l
RT: 4.459 min Scan# 41
Delta R.T. 0.029 min
Lab File: VN084107.D
Acq: 23 Sep 2024 13:53

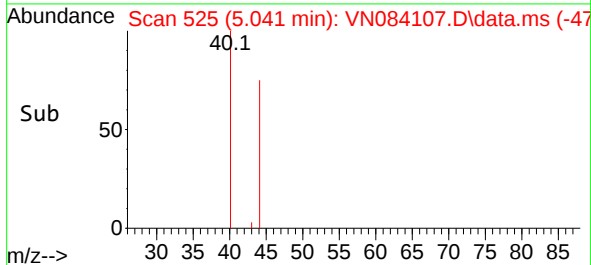
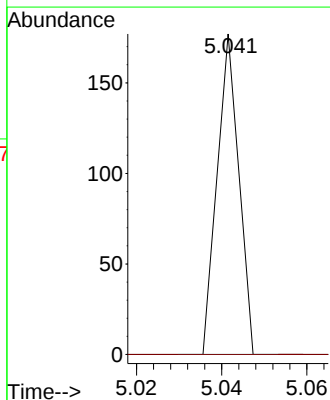
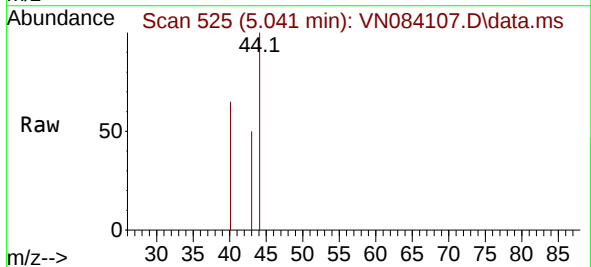
Instrument :
MSVOA_N
ClientSampleId :
TB

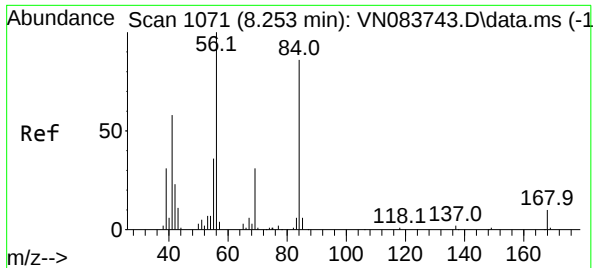
Tgt Ion: 43 Resp: 590
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.041 min Scan# 525
Delta R.T. 0.017 min
Lab File: VN084107.D
Acq: 23 Sep 2024 13:53

Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#

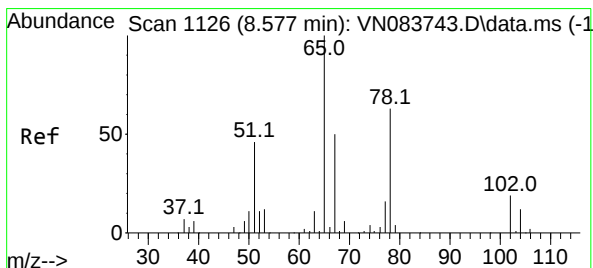
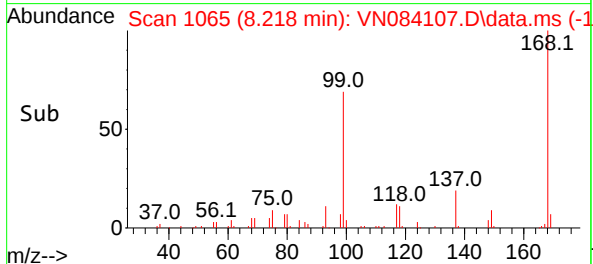
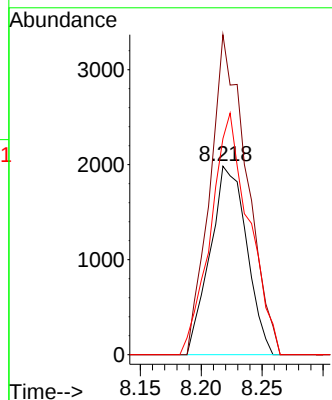
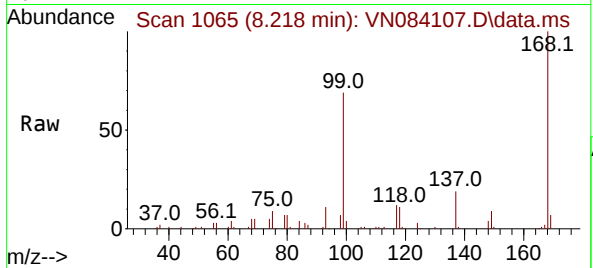




#31
Cyclohexane
Concen: 1.197 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084107.D
Acq: 23 Sep 2024 13:53

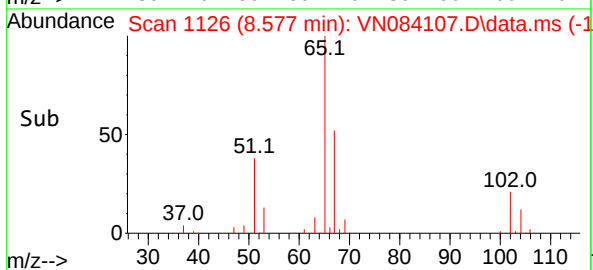
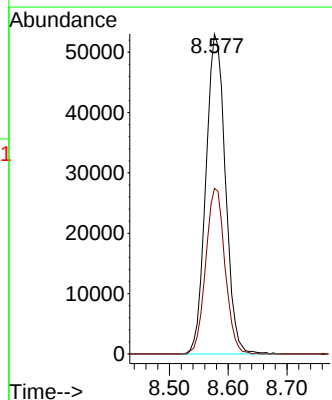
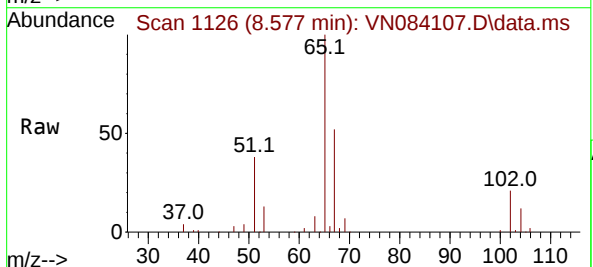
Instrument :
MSVOA_N
ClientSampleId :
TB

Tgt Ion: 56 Resp: 4145
Ion Ratio Lower Upper
56 100
69 169.8 26.9 40.3#
84 114.7 69.2 103.8#



#33
1,2-Dichloroethane-d4
Concen: 50.941 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084107.D
Acq: 23 Sep 2024 13:53

Tgt Ion: 65 Resp: 122040
Ion Ratio Lower Upper
65 100
67 51.1 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN084107.D

Acq: 23 Sep 2024 13:53

Instrument :

MSVOA_N

ClientSampleId :

TB

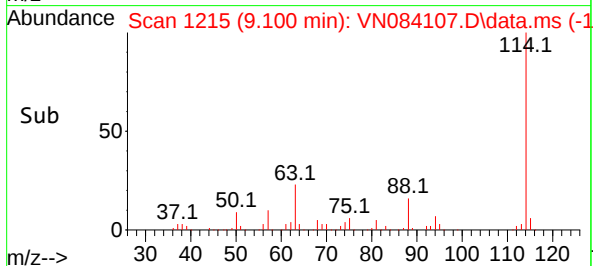
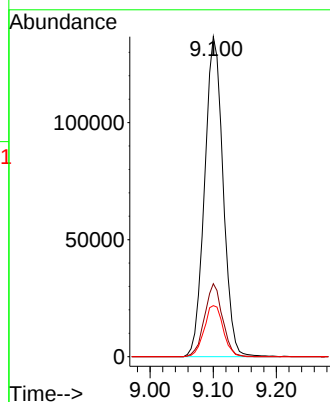
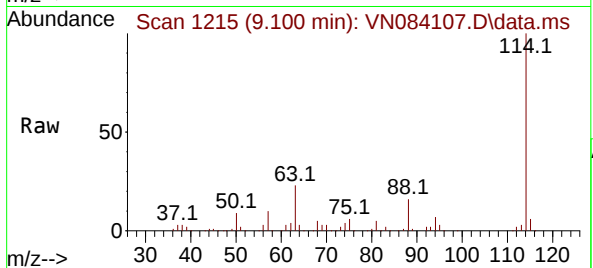
Tgt Ion:114 Resp: 277447

Ion Ratio Lower Upper

114 100

63 22.8 0.0 43.4

88 16.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 50.515 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084107.D

Acq: 23 Sep 2024 13:53

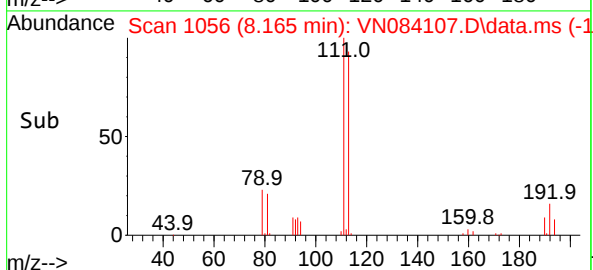
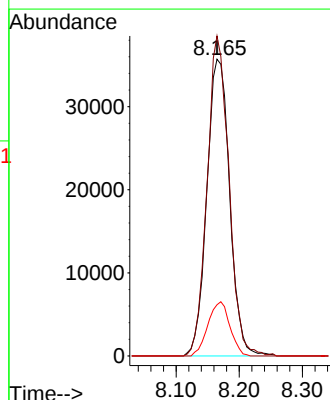
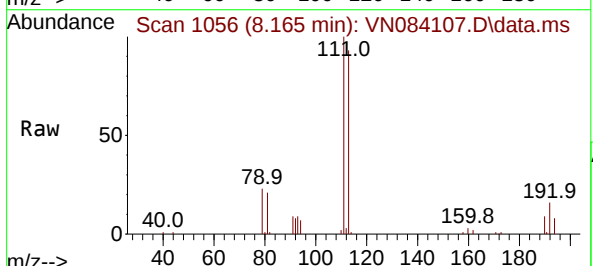
Tgt Ion:113 Resp: 89724

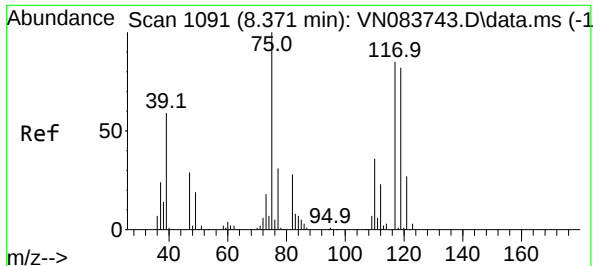
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 17.6 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.512 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN084107.D

Acq: 23 Sep 2024 13:53

Instrument :

MSVOA_N

ClientSampleId :

TB

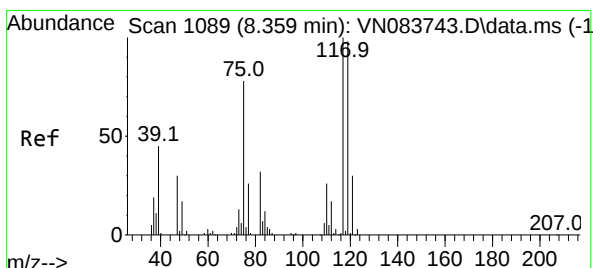
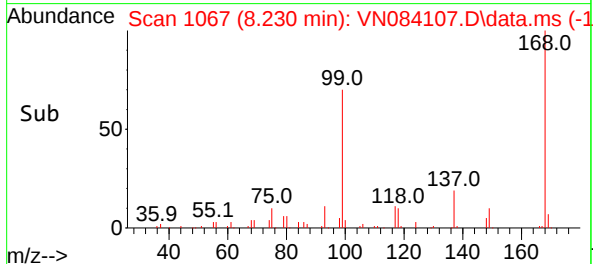
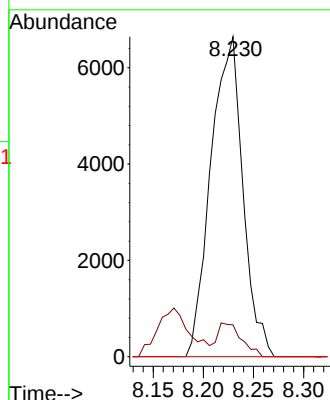
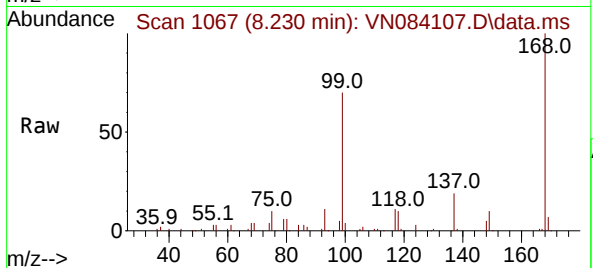
Tgt Ion: 75 Resp: 14736

Ion Ratio Lower Upper

75 100

110 8.0 16.7 50.1#

77 0.0 25.2 37.8#



#38

Carbon Tetrachloride

Concen: 5.849 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN084107.D

Acq: 23 Sep 2024 13:53

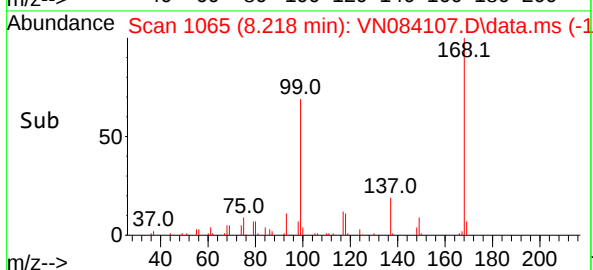
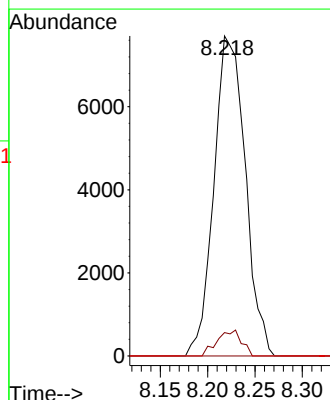
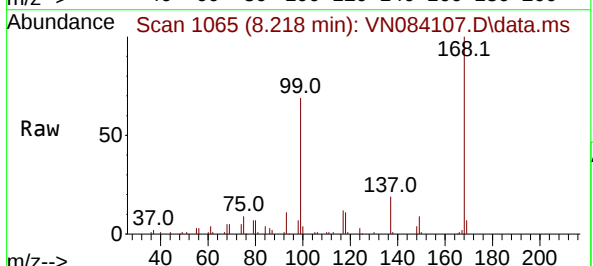
Tgt Ion: 117 Resp: 17740

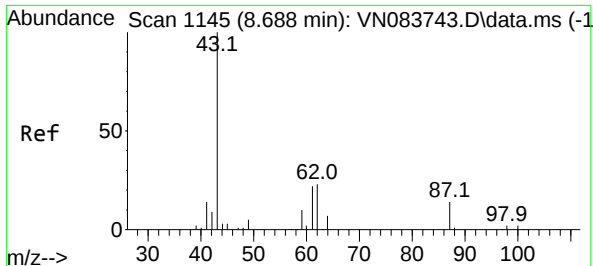
Ion Ratio Lower Upper

117 100

119 7.3 76.1 114.1#

121 0.0 24.1 36.1#

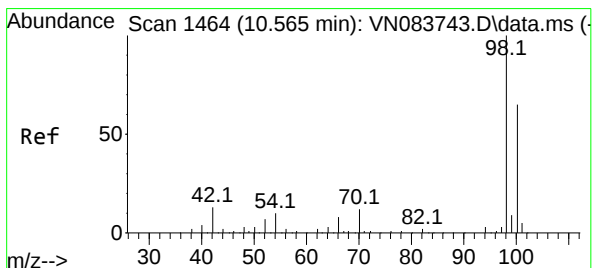
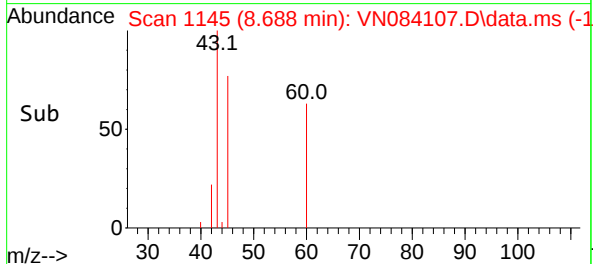
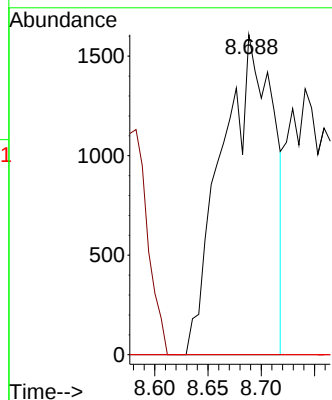
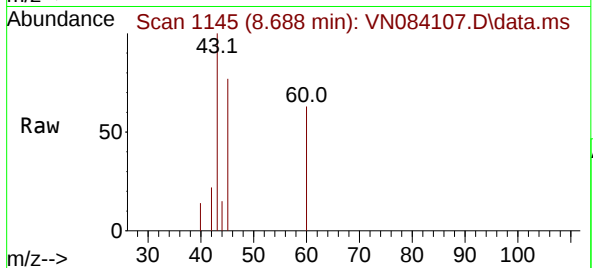




#43
Isopropyl Acetate
Concen: 1.234 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN084107.D
Acq: 23 Sep 2024 13:53

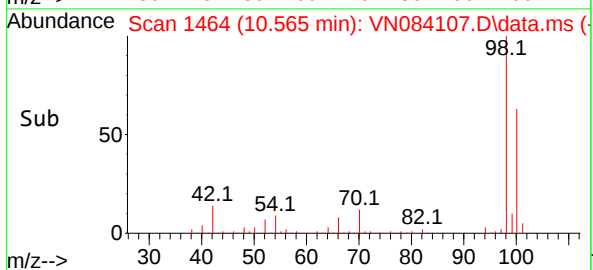
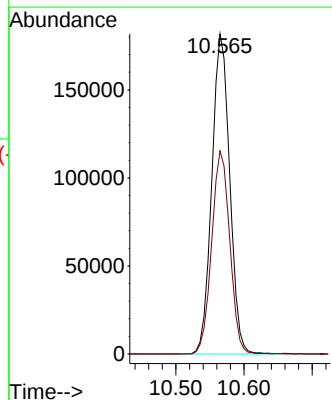
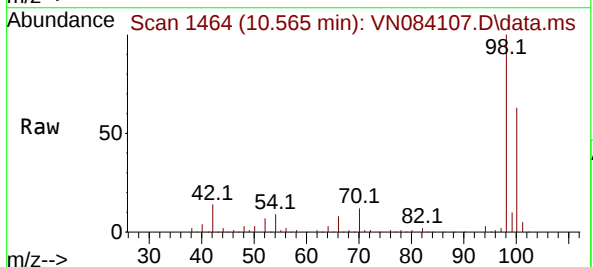
Instrument :
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ClientSampleId :
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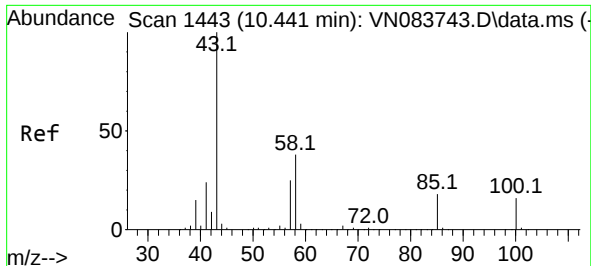
Tgt Ion: 43 Resp: 5426
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#



#50
Toluene-d8
Concen: 54.016 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084107.D
Acq: 23 Sep 2024 13:53

Tgt Ion: 98 Resp: 331675
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 0.635 ug/l

RT: 10.565 min Scan# 1443

Delta R.T. 0.123 min

Lab File: VN084107.D

Acq: 23 Sep 2024 13:53

Instrument :

MSVOA_N

ClientSampleId :

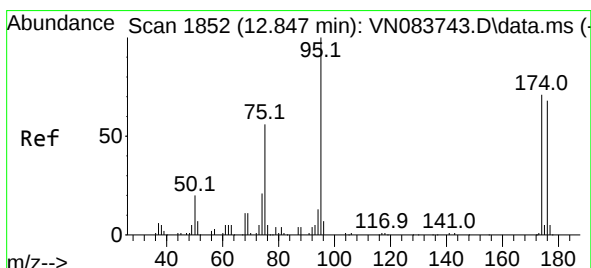
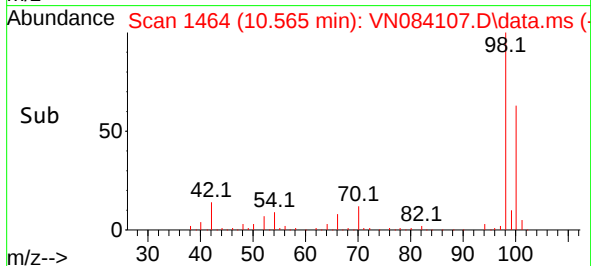
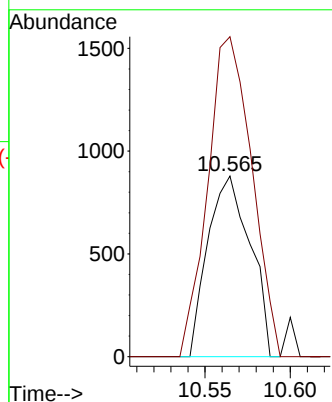
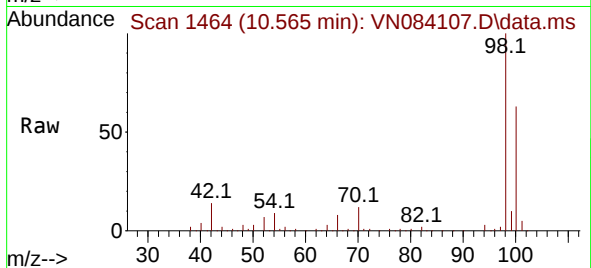
TB

Tgt Ion: 43 Resp: 1520

Ion Ratio Lower Upper

43 100

58 184.3 31.6 47.4#



#62

4-Bromofluorobenzene

Concen: 44.126 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084107.D

Acq: 23 Sep 2024 13:53

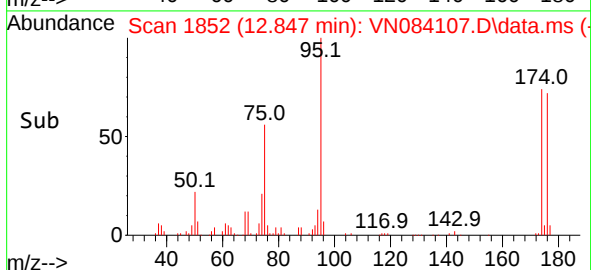
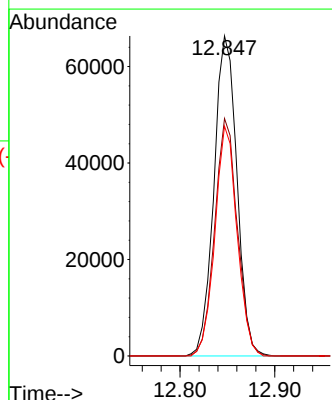
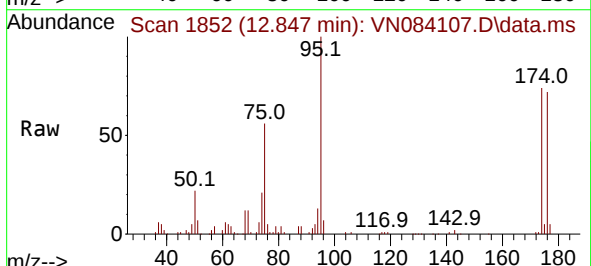
Tgt Ion: 95 Resp: 111787

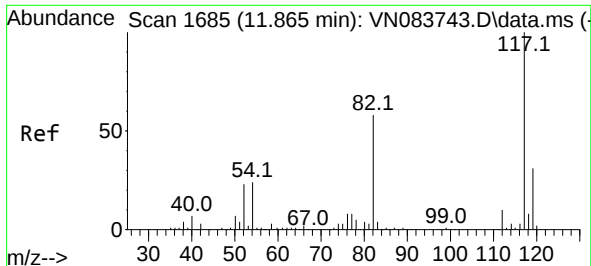
Ion Ratio Lower Upper

95 100

174 73.4 0.0 139.8

176 69.3 0.0 131.4

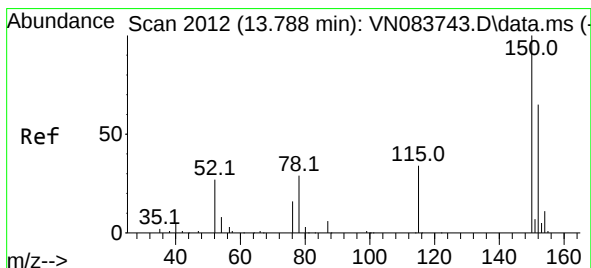
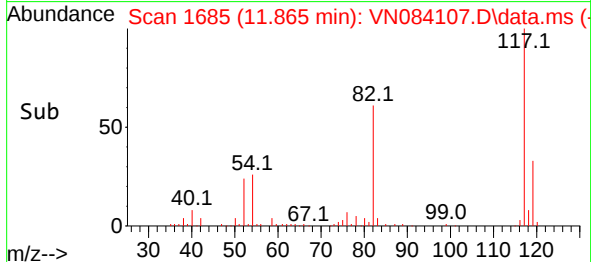
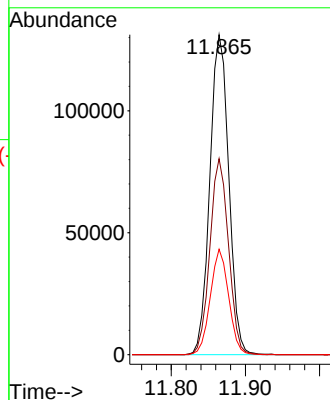
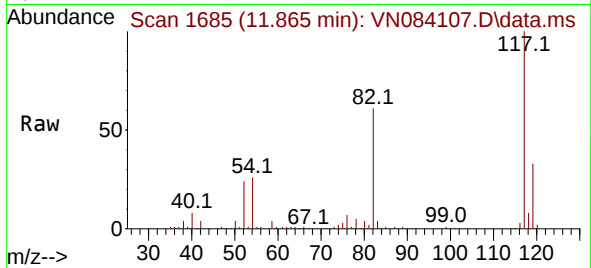




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084107.D
Acq: 23 Sep 2024 13:53

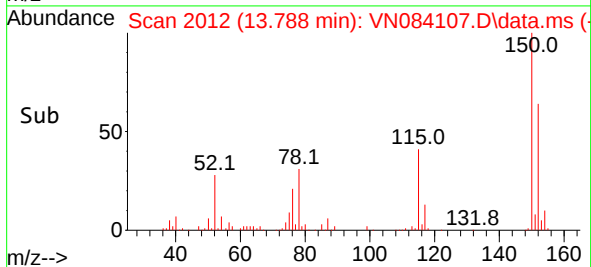
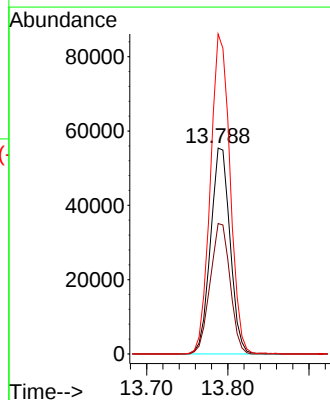
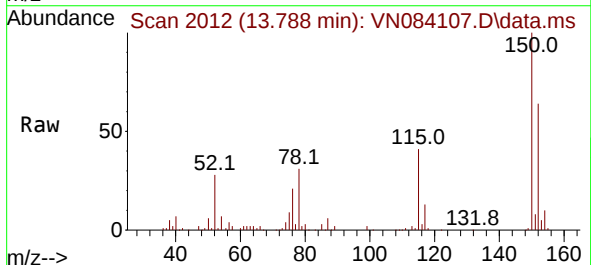
Instrument :
MSVOA_N
ClientSampleId :
TB

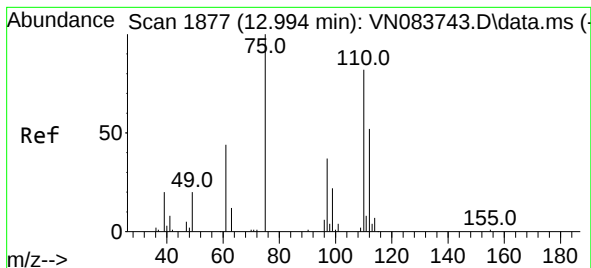
Tgt Ion:117 Resp: 232920
Ion Ratio Lower Upper
117 100
82 61.2 47.4 71.0
119 33.0 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084107.D
Acq: 23 Sep 2024 13:53

Tgt Ion:152 Resp: 92672
Ion Ratio Lower Upper
152 100
115 64.3 32.2 96.6
150 156.3 0.0 348.6





#76

1,2,3-Trichloropropane

Concen: 33.805 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN084107.D

Acq: 23 Sep 2024 13:53

Instrument :

MSVOA_N

ClientSampleId :

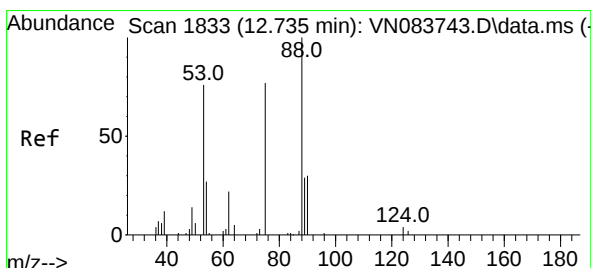
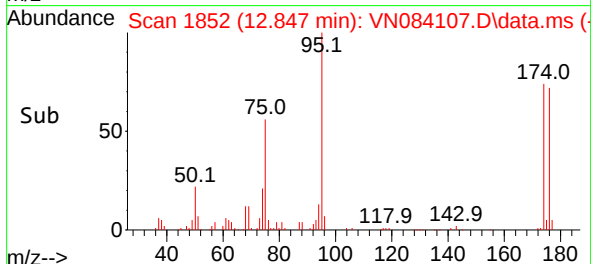
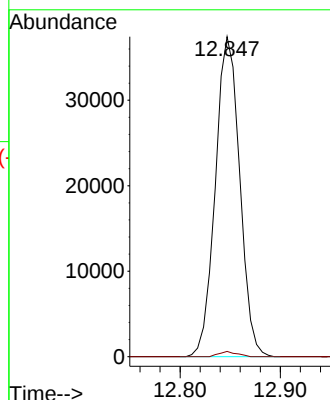
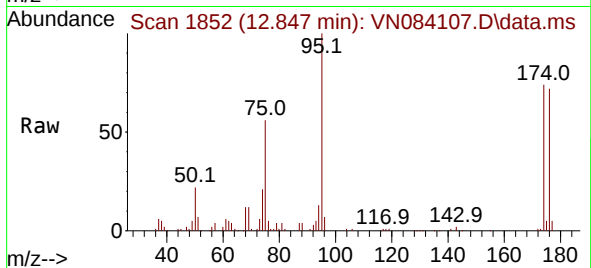
TB

Tgt Ion: 75 Resp: 63214

Ion Ratio Lower Upper

75 100

77 1.2 95.2 285.6#



#81

trans-1,4-Dichloro-2-butene

Concen: 88.539 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.112 min

Lab File: VN084107.D

Acq: 23 Sep 2024 13:53

Tgt Ion: 75 Resp: 63214

Ion Ratio Lower Upper

75 100

53 0.0 81.2 121.8#

89 0.0 35.7 53.5#

