

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102124\
 Data File : VN084438.D
 Acq On : 21 Oct 2024 16:05
 Operator : JC\MD
 Sample : P4438-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 22 07:54:57 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)

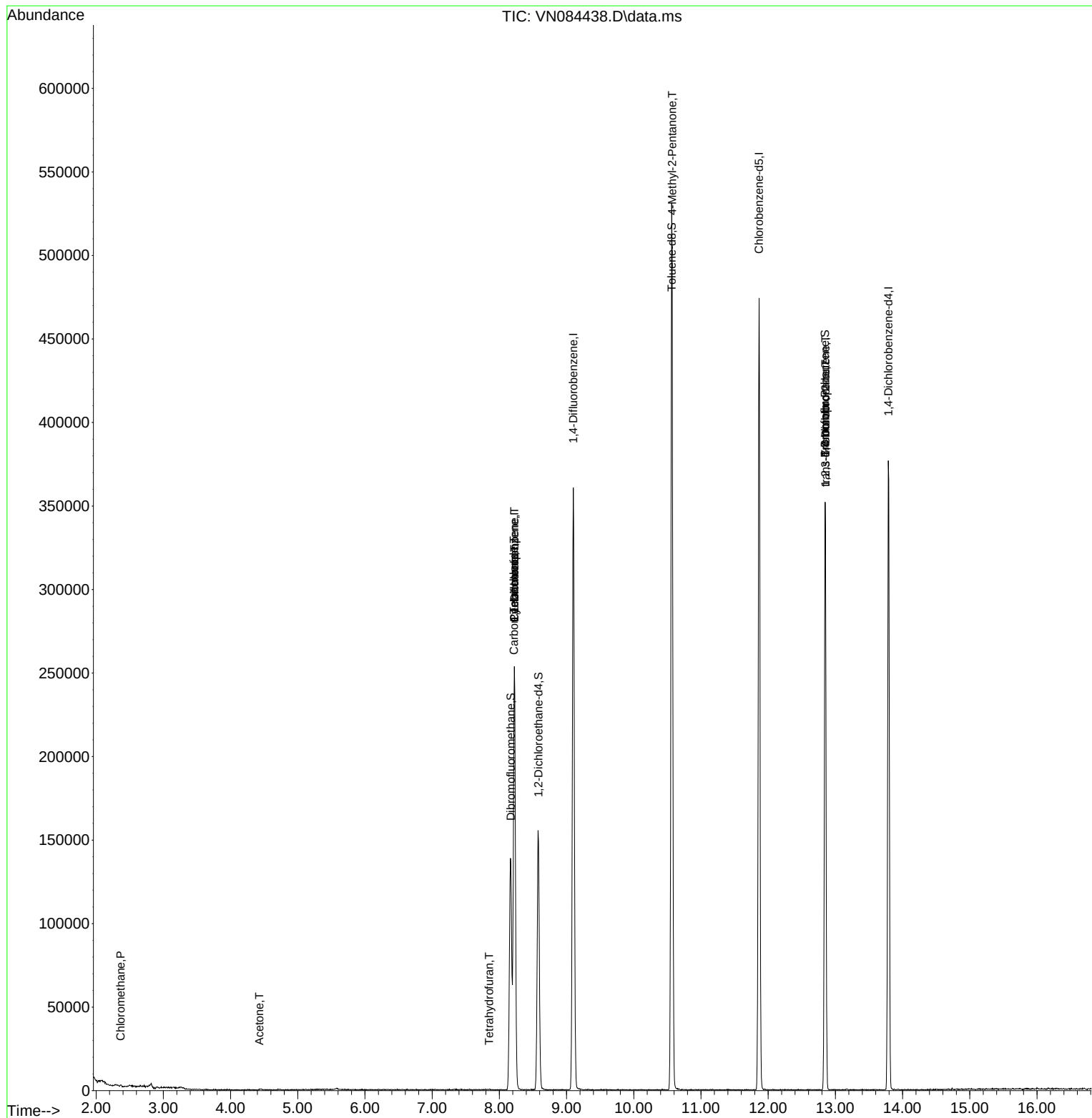
Internal Standards						
1) Pentafluorobenzene	8.224	168	177555	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	306422	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	265983	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	102477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	125514	47.677	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.360%
35) Dibromofluoromethane	8.171	113	102580	50.779	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.560%
50) Toluene-d8	10.565	98	365538	49.183	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.360%
62) 4-Bromofluorobenzene	12.847	95	126443	46.699	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.400%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	693	0.289	ug/l	89
16) Acetone	4.430	43	375	0.332	ug/l #	44
29) Tetrahydrofuran	7.847	42	283	0.298	ug/l #	34
31) Cyclohexane	8.224	56	4254	1.091	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	15410	5.252	ug/l #	49
38) Carbon Tetrachloride	8.218	117	19463	6.047	ug/l #	16
51) 4-Methyl-2-Pentanone	10.571	43	1423	0.497	ug/l #	1
71) Bromoform	12.847	173	909	0.608	ug/l #	30
76) 1,2,3-Trichloropropane	12.853	75	65165	31.148	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	65165	74.676	ug/l #	11

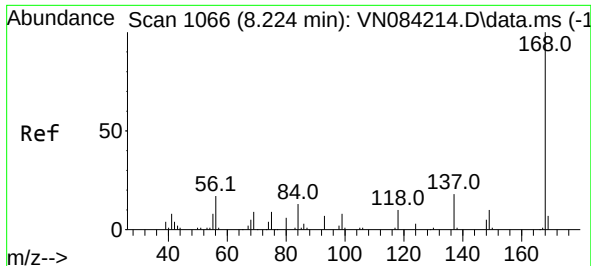
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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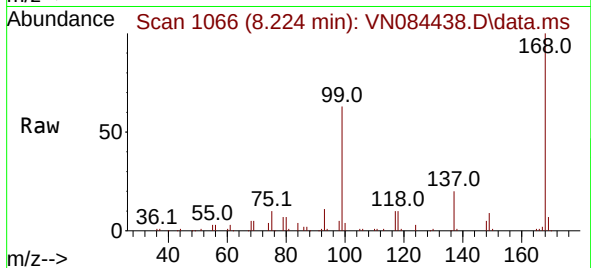
Quant Time: Oct 22 07:54:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
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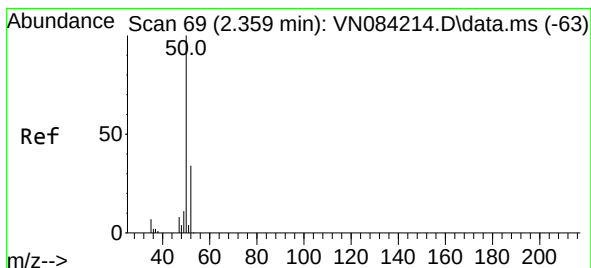
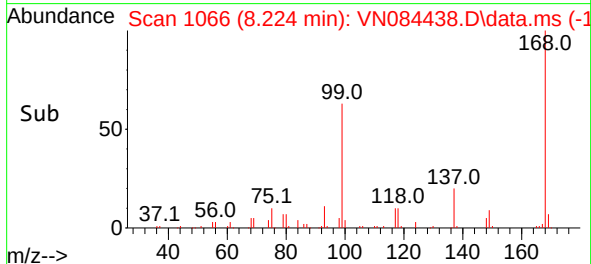
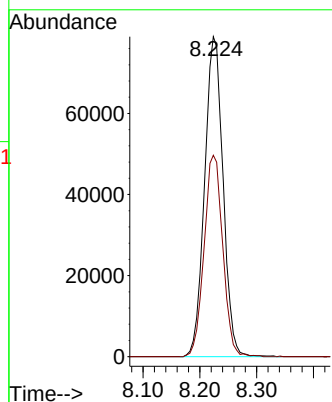


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084438.D
Acq: 21 Oct 2024 16:05

Instrument :
MSVOA_N
ClientSampleId :

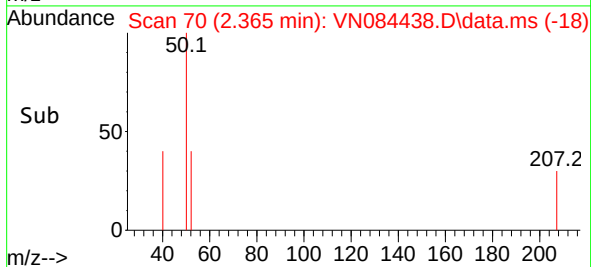
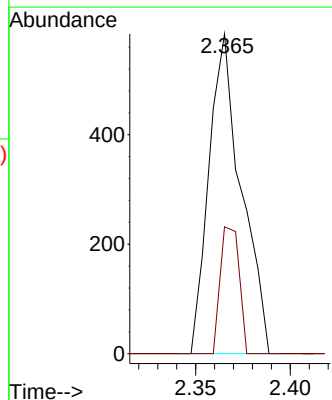
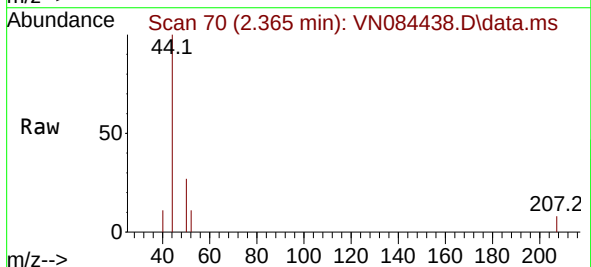


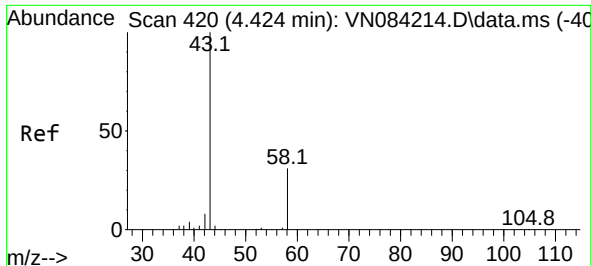
Tgt Ion:168 Resp: 177555
Ion Ratio Lower Upper
168 100
99 63.0 54.2 81.2



#3
Chloromethane
Concen: 0.289 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084438.D
Acq: 21 Oct 2024 16:05

Tgt Ion: 50 Resp: 693
Ion Ratio Lower Upper
50 100
52 39.7 26.8 40.2

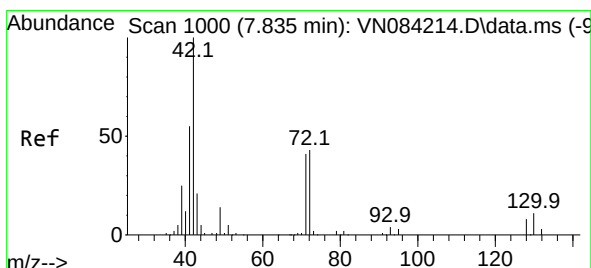
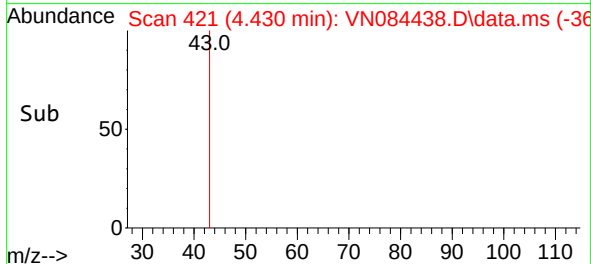
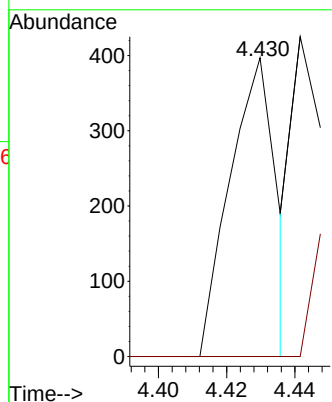
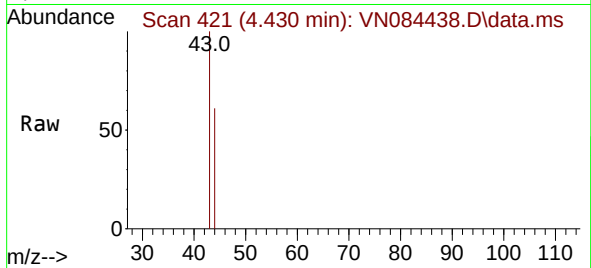




#16
Acetone
Concen: 0.332 ug/l
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN084438.D
Acq: 21 Oct 2024 16:05

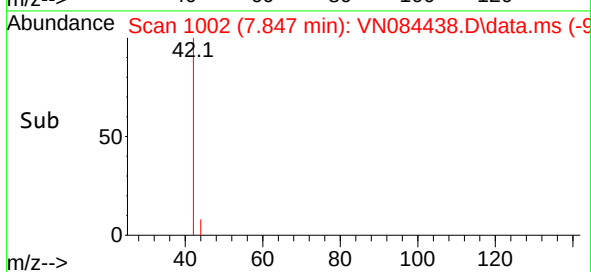
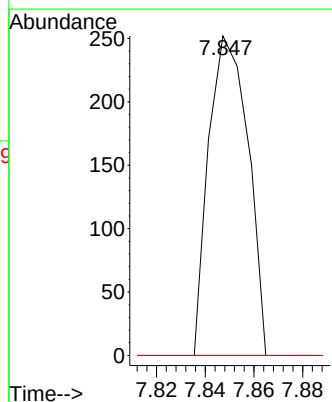
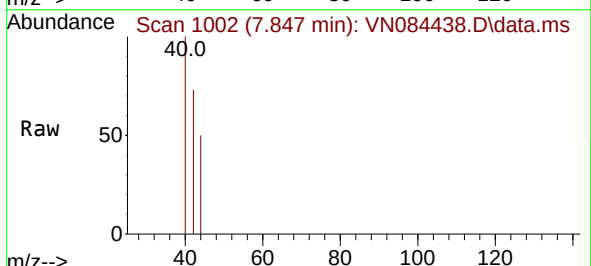
Instrument :
MSVOA_N
ClientSampleId :

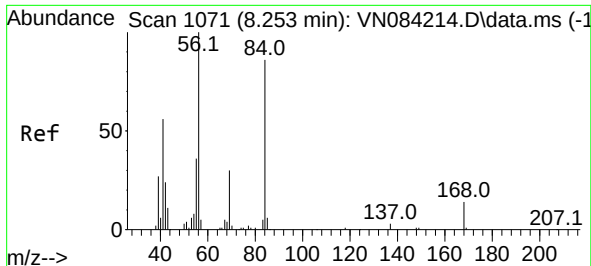
Tgt Ion: 43 Resp: 375
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



#29
Tetrahydrofuran
Concen: 0.298 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.012 min
Lab File: VN084438.D
Acq: 21 Oct 2024 16:05

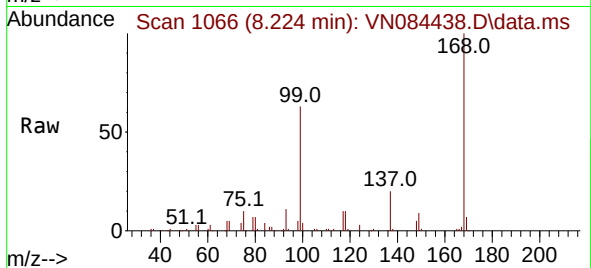
Tgt Ion: 42 Resp: 283
Ion Ratio Lower Upper
42 100
72 0.0 34.6 51.8#
71 0.0 32.2 48.4#



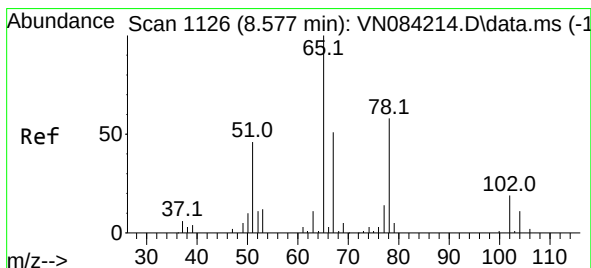
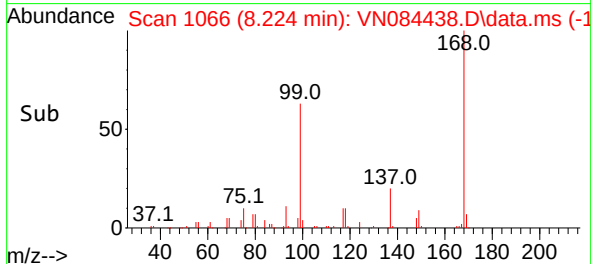
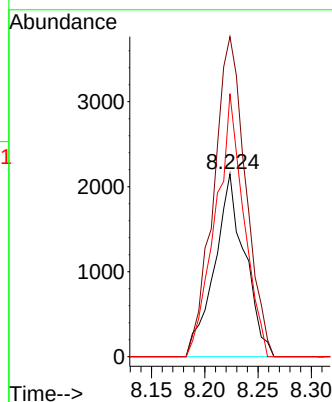


#31
Cyclohexane
Concen: 1.091 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084438.D
Acq: 21 Oct 2024 16:05

Instrument :
MSVOA_N
ClientSampleId :

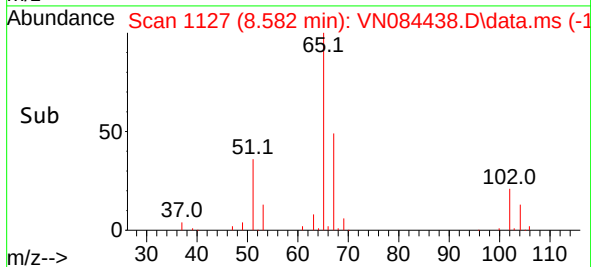
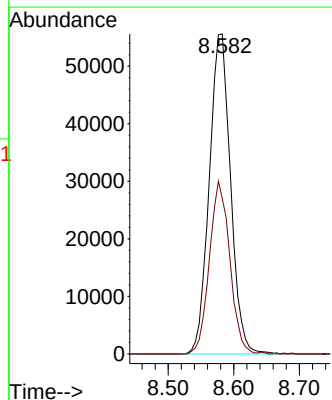
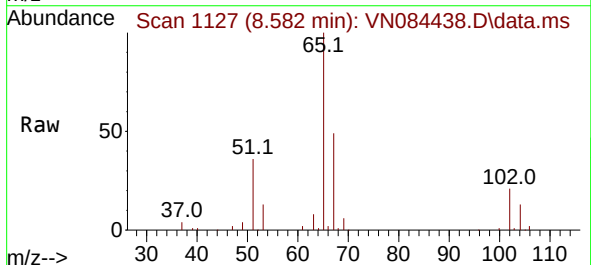


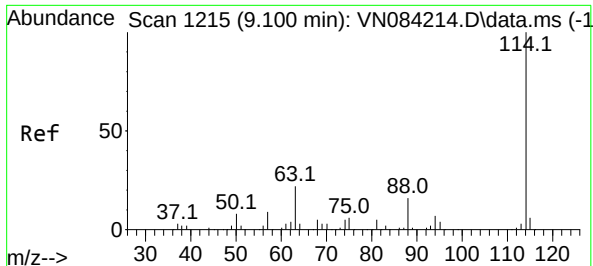
Tgt Ion: 56 Resp: 4254
Ion Ratio Lower Upper
56 100
69 175.1 23.8 35.6#
84 143.9 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 47.677 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN084438.D
Acq: 21 Oct 2024 16:05

Tgt Ion: 65 Resp: 125514
Ion Ratio Lower Upper
65 100
67 51.6 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: VN084438.D

Acq: 21 Oct 2024 16:05

Instrument :

MSVOA_N

ClientSampleId :

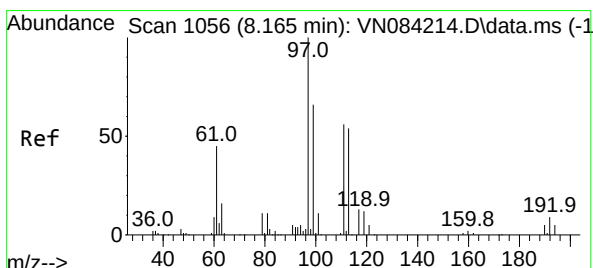
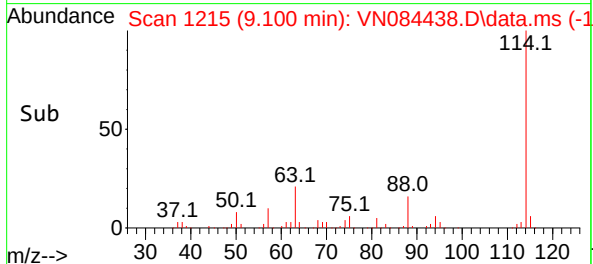
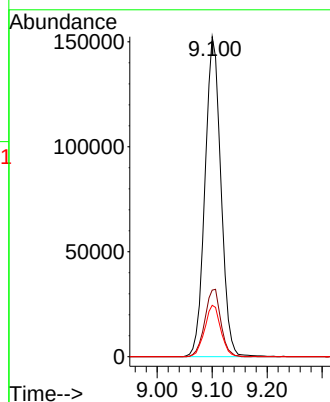
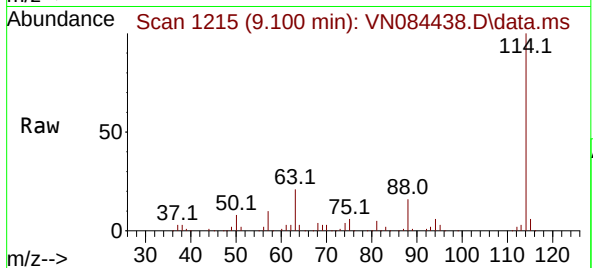
Tgt Ion:114 Resp: 306422

Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.8

88 16.1 0.0 31.6



#35

Dibromofluoromethane

Concen: 50.779 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN084438.D

Acq: 21 Oct 2024 16:05

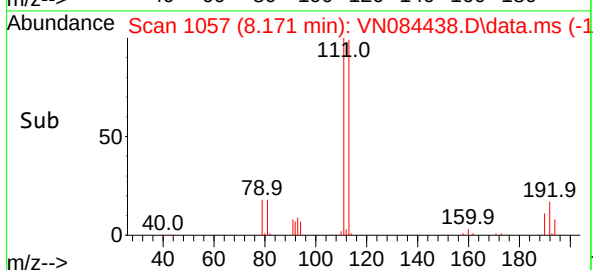
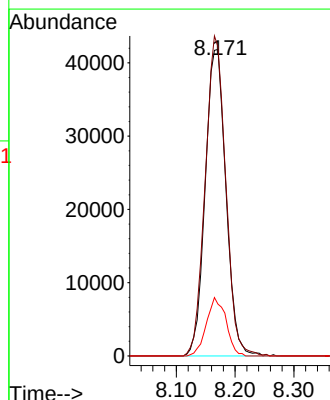
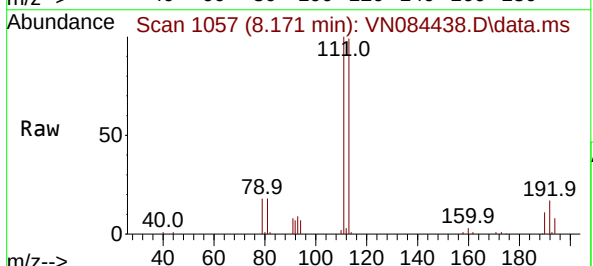
Tgt Ion:113 Resp: 102580

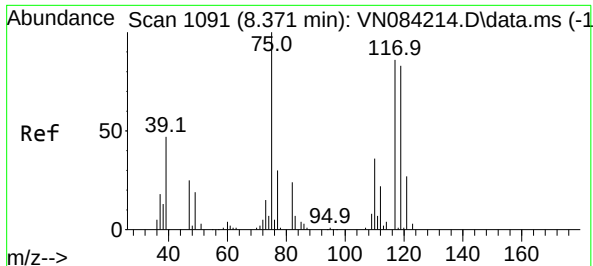
Ion Ratio Lower Upper

113 100

111 103.2 83.3 124.9

192 18.1 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.252 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084438.D

Acq: 21 Oct 2024 16:05

Instrument :

MSVOA_N

ClientSampleId :

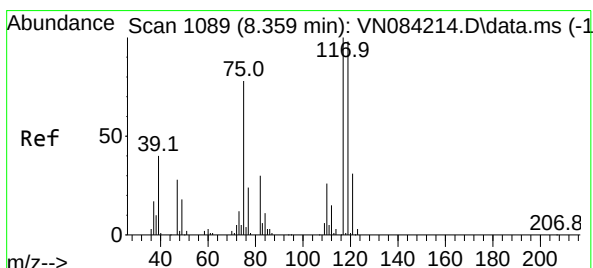
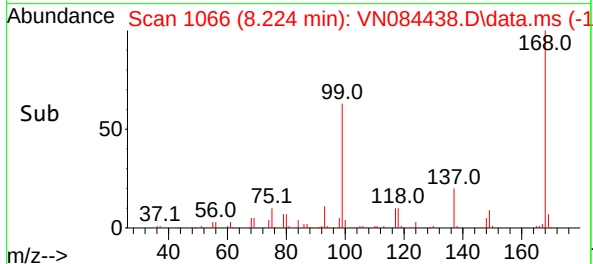
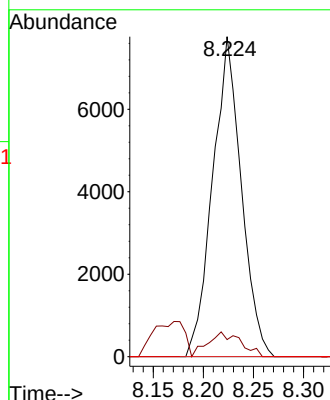
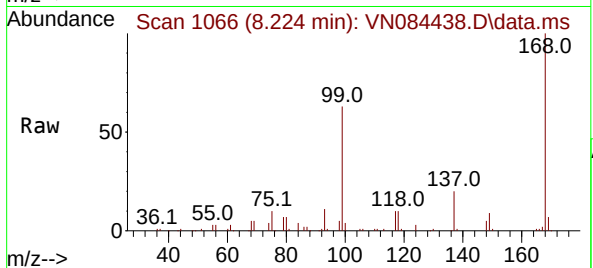
Tgt Ion: 75 Resp: 15410

Ion Ratio Lower Upper

75 100

110 7.7 16.9 50.7#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.047 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN084438.D

Acq: 21 Oct 2024 16:05

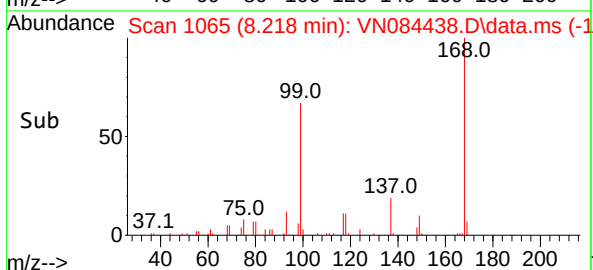
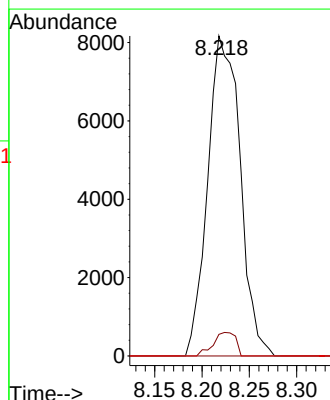
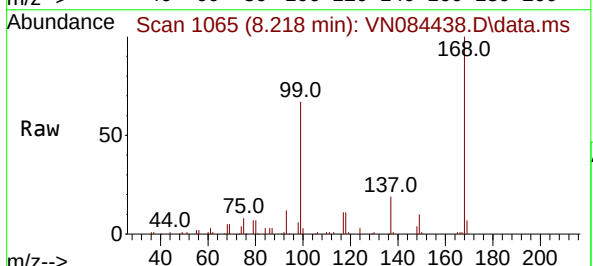
Tgt Ion: 117 Resp: 19463

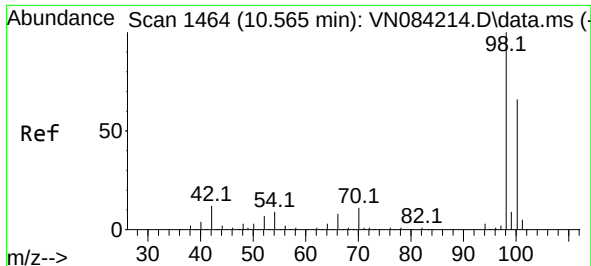
Ion Ratio Lower Upper

117 100

119 6.8 78.7 118.1#

121 0.0 24.4 36.6#





#50

Toluene-d8

Concen: 49.183 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084438.D

Acq: 21 Oct 2024 16:05

Instrument :

MSVOA_N

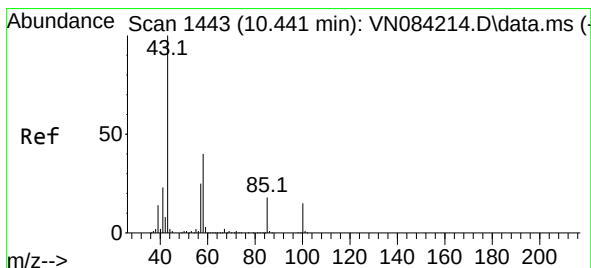
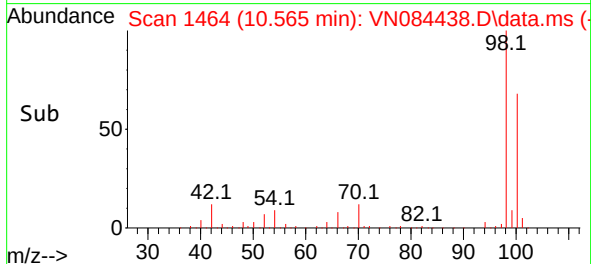
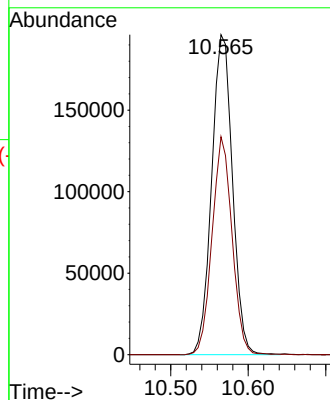
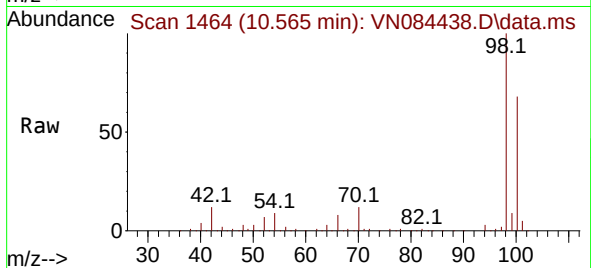
ClientSampleId :

Tgt Ion: 98 Resp: 365538

Ion Ratio Lower Upper

98 100

100 65.4 52.7 79.1



#51

4-Methyl-2-Pentanone

Concen: 0.497 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.129 min

Lab File: VN084438.D

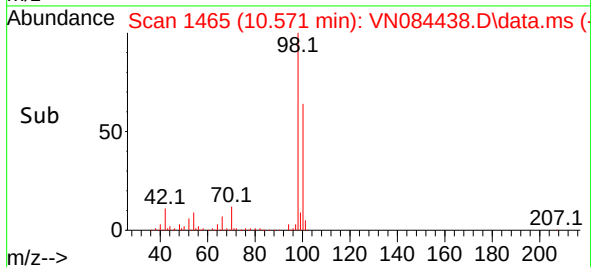
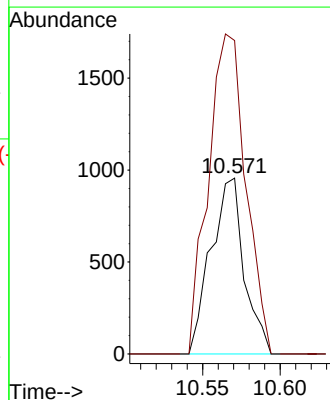
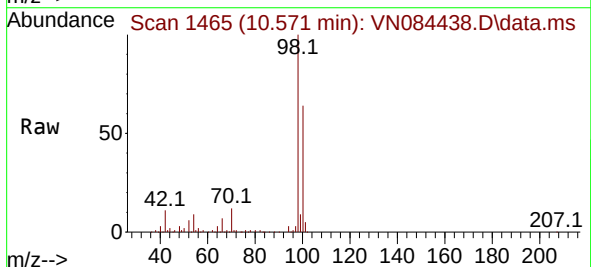
Acq: 21 Oct 2024 16:05

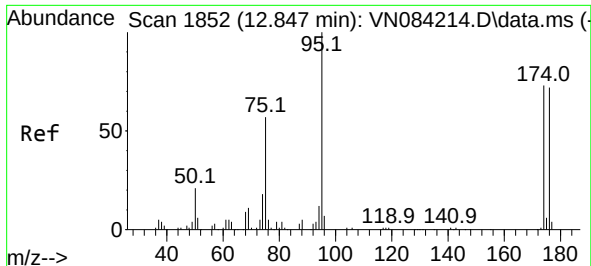
Tgt Ion: 43 Resp: 1423

Ion Ratio Lower Upper

43 100

58 205.6 31.6 47.4#





#62

4-Bromofluorobenzene

Concen: 46.699 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084438.D

Acq: 21 Oct 2024 16:05

Instrument :

MSVOA_N

ClientSampleId :

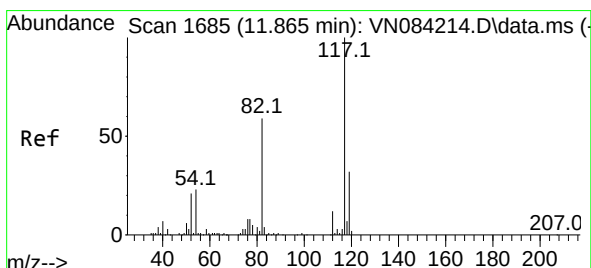
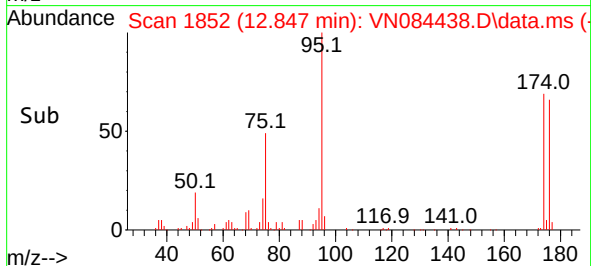
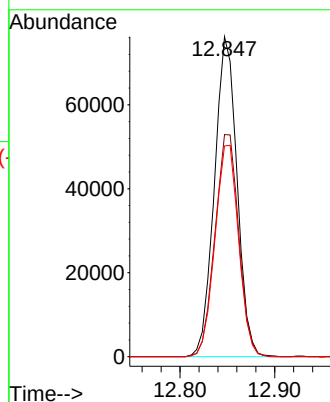
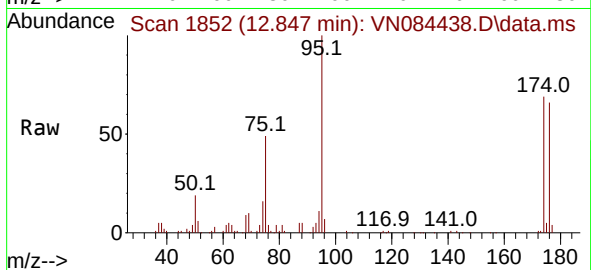
Tgt Ion: 95 Resp: 126443

Ion Ratio Lower Upper

95 100

174 73.0 0.0 145.2

176 69.2 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: VN084438.D

Acq: 21 Oct 2024 16:05

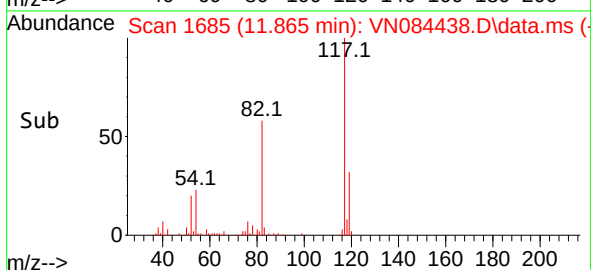
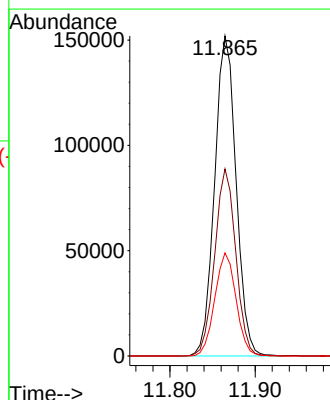
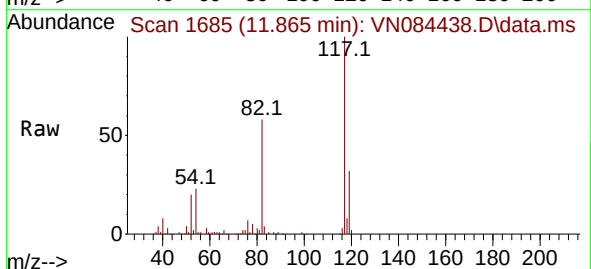
Tgt Ion: 117 Resp: 265983

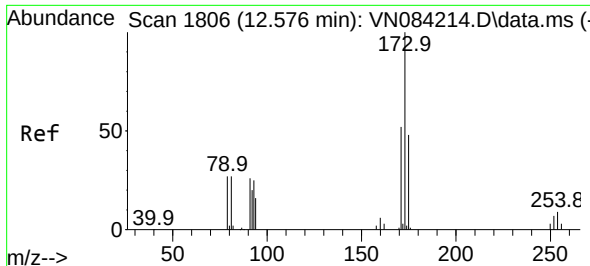
Ion Ratio Lower Upper

117 100

82 58.4 47.2 70.8

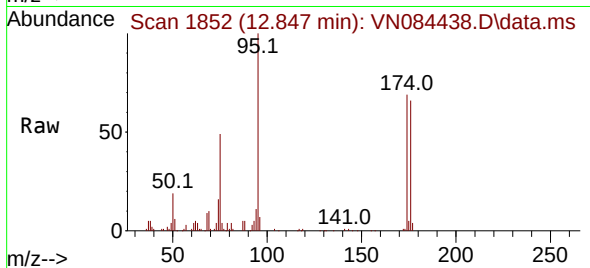
119 32.2 25.4 38.0



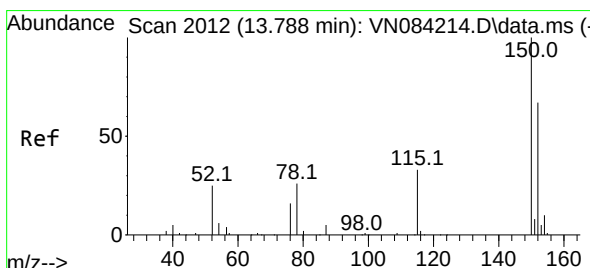
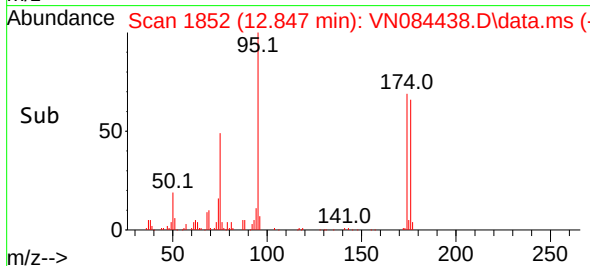
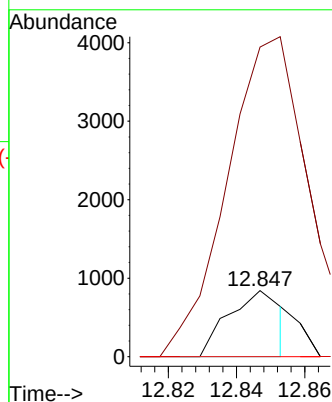


#71
Bromoform
Concen: 0.608 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN084438.D
Acq: 21 Oct 2024 16:05

Instrument :
MSVOA_N
ClientSampleId :

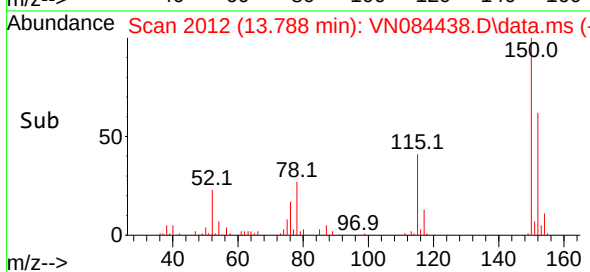
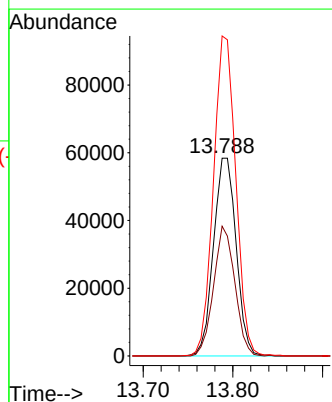
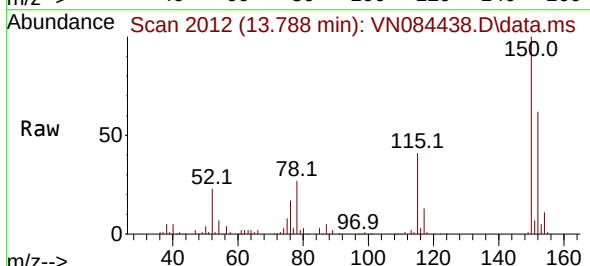


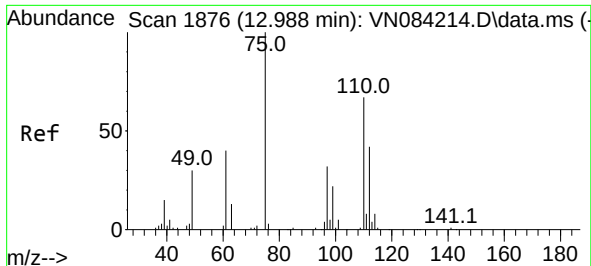
Tgt Ion:173 Resp: 909
Ion Ratio Lower Upper
173 100
175 0.0 23.5 70.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084438.D
Acq: 21 Oct 2024 16:05

Tgt Ion:152 Resp: 102477
Ion Ratio Lower Upper
152 100
115 61.6 31.3 93.9
150 159.2 0.0 349.8

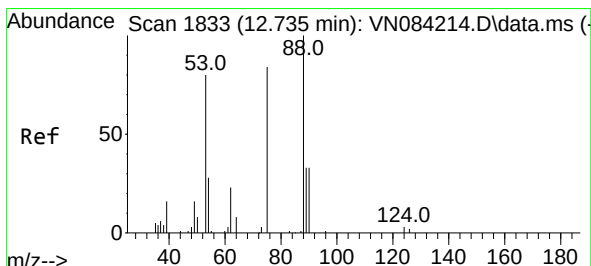
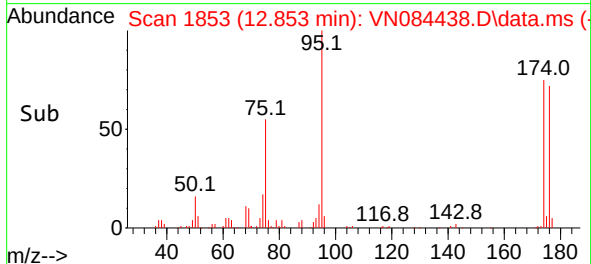
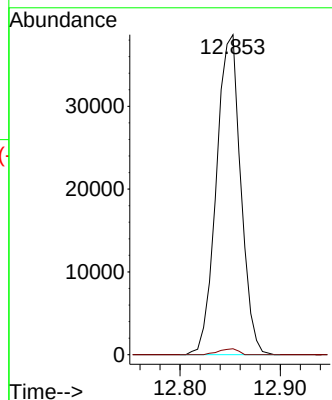
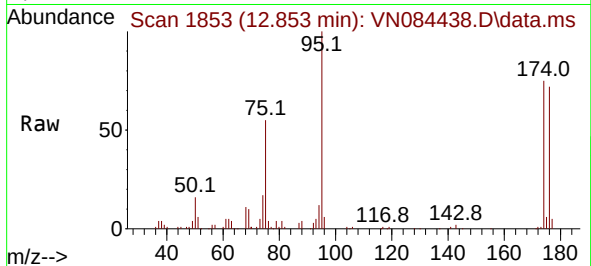




#76
1,2,3-Trichloropropane
Concen: 31.148 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.135 min
Lab File: VN084438.D
Acq: 21 Oct 2024 16:05

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 65165
Ion Ratio Lower Upper
75 100
77 1.5 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.676 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.118 min
Lab File: VN084438.D
Acq: 21 Oct 2024 16:05

Tgt Ion: 75 Resp: 65165
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#

