

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110824\
 Data File : VN084753.D
 Acq On : 08 Nov 2024 16:32
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Quant Time: Nov 08 22:33:22 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)

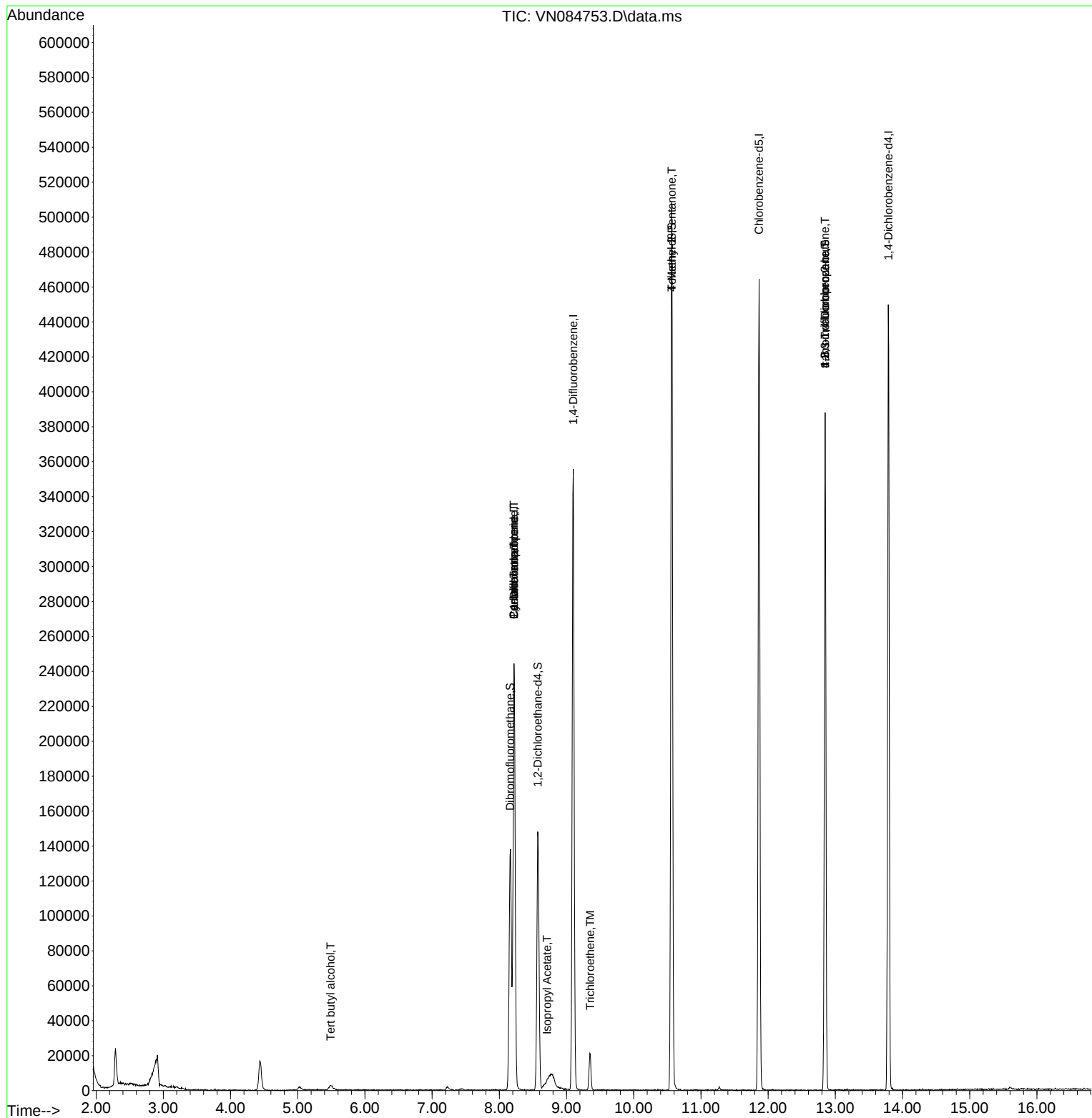
Internal Standards						
1) Pentafluorobenzene	8.218	168	172338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	306054	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	265177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	123726	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	123505	49.617	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.240%		
35) Dibromofluoromethane	8.159	113	100868	48.690	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.380%		
50) Toluene-d8	10.565	98	347789	45.575	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.140%		
62) 4-Bromofluorobenzene	12.847	95	132599	46.493	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	92.980%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.348	50	338	Below Cal	#	41
6) Chloroethane	3.130	64	220	Below Cal	#	45
11) Tert butyl alcohol	5.489	59	3040	9.252	ug/l #	73
16) Acetone	4.424	43	124	Below Cal	#	44
18) Methyl Acetate	5.036	43	4043	Below Cal		99
31) Cyclohexane	8.218	56	4070	1.184	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	13680	4.761	ug/l #	52
38) Carbon Tetrachloride	8.218	117	18606	5.794	ug/l #	20
43) Isopropyl Acetate	8.712	43	5920	0.269	ug/l #	56
44) Trichloroethene	9.353	130	8051	3.784	ug/l	93
51) 4-Methyl-2-Pentanone	10.565	43	1530	0.616	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	68169	27.563	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	68169	65.390	ug/l #	11

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

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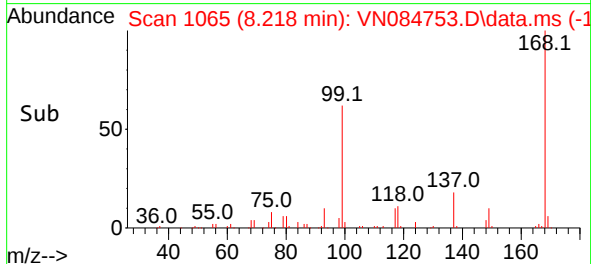
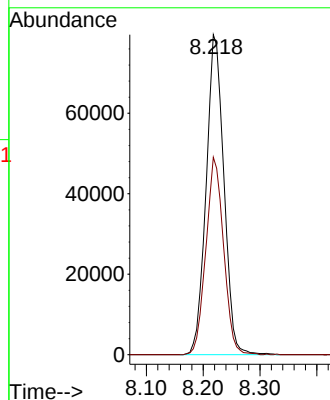
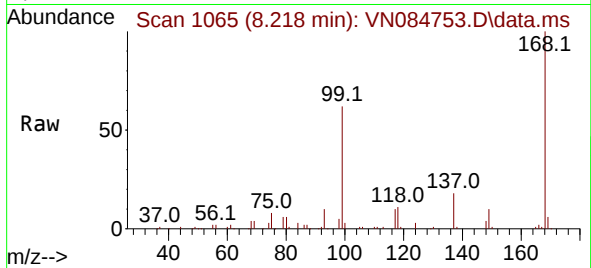




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN084753.D
Acq: 08 Nov 2024 16:32

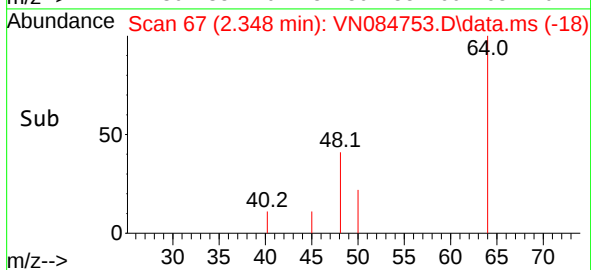
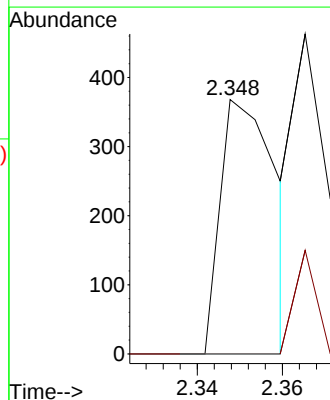
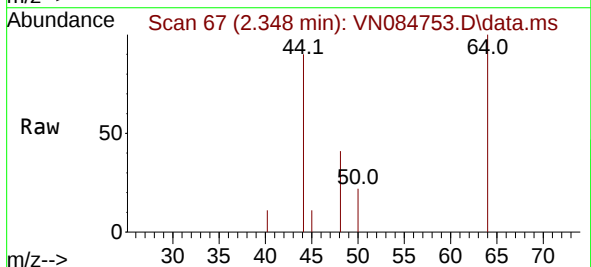
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

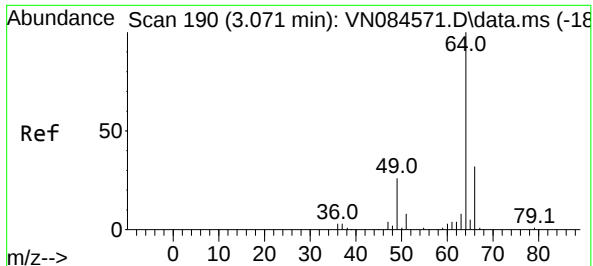
Tgt Ion:168 Resp: 172338
Ion Ratio Lower Upper
168 100
99 61.7 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.348 min Scan# 67
Delta R.T. -0.011 min
Lab File: VN084753.D
Acq: 08 Nov 2024 16:32

Tgt Ion: 50 Resp: 338
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

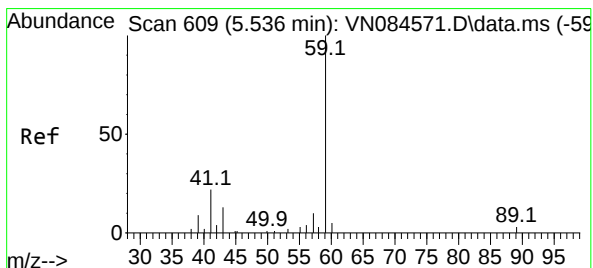
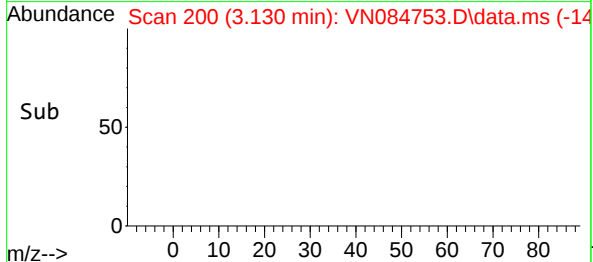
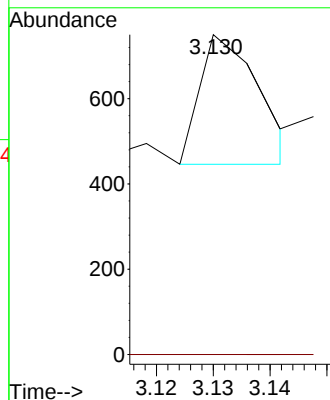
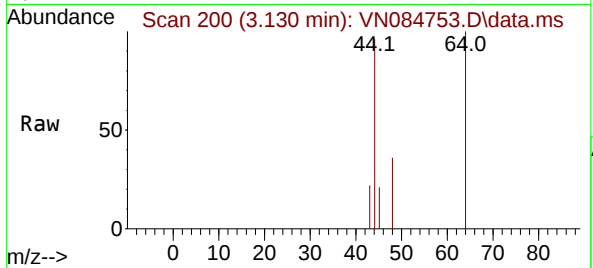




#6
Chloroethane
Concen: Below Cal
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN084753.D
Acq: 08 Nov 2024 16:32

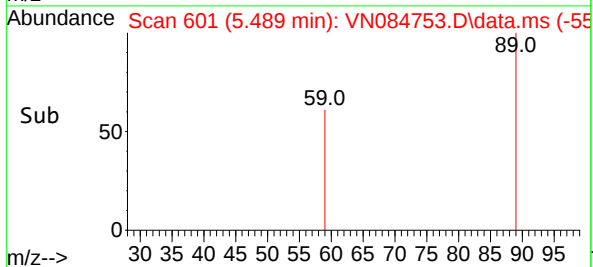
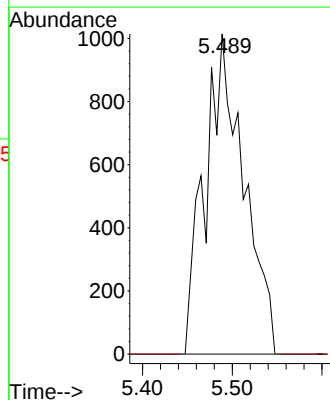
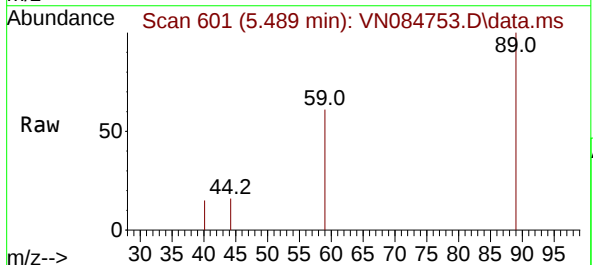
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

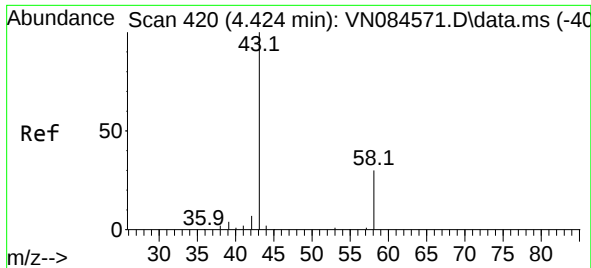
Tgt Ion: 64 Resp: 220
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#11
Tert butyl alcohol
Concen: 9.252 ug/l
RT: 5.489 min Scan# 601
Delta R.T. -0.035 min
Lab File: VN084753.D
Acq: 08 Nov 2024 16:32

Tgt Ion: 59 Resp: 3040
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

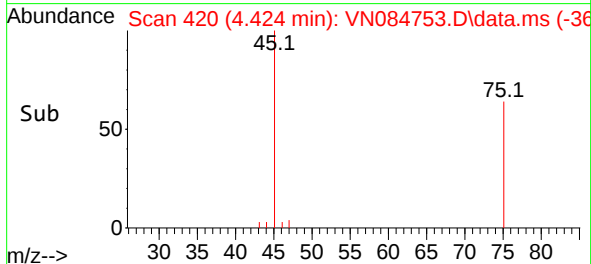
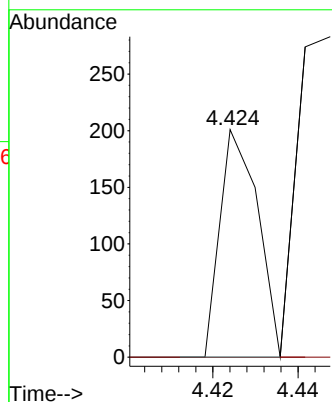
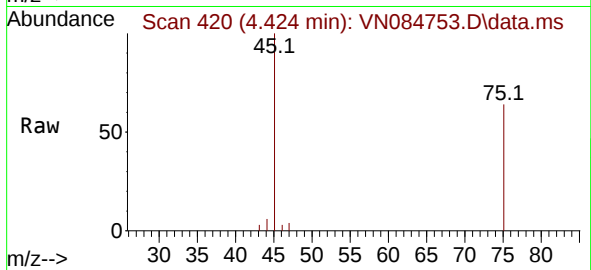




#16
Acetone
Concen: Below Cal
RT: 4.424 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN084753.D
Acq: 08 Nov 2024 16:32

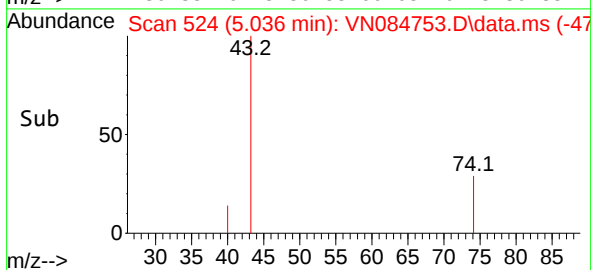
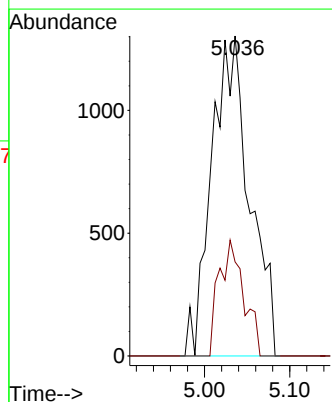
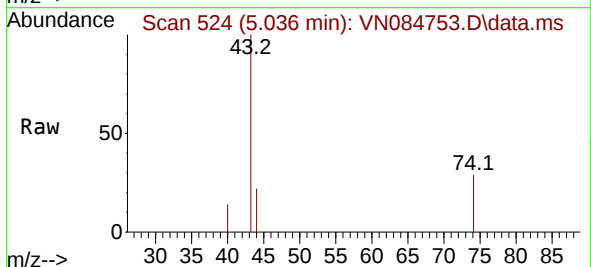
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

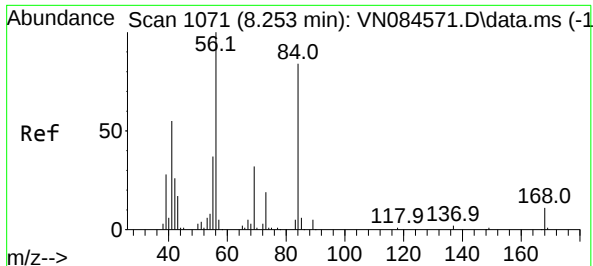
Tgt Ion: 43 Resp: 124
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.036 min Scan# 524
Delta R.T. 0.018 min
Lab File: VN084753.D
Acq: 08 Nov 2024 16:32

Tgt Ion: 43 Resp: 4043
Ion Ratio Lower Upper
43 100
74 23.6 19.2 28.8

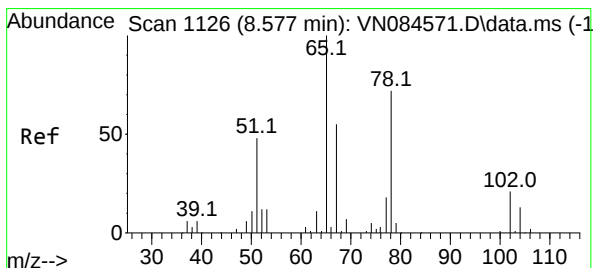
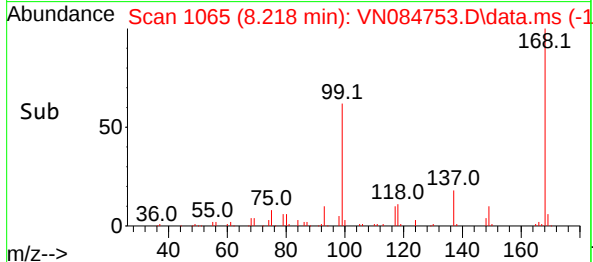
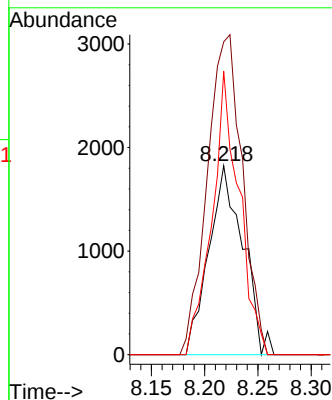
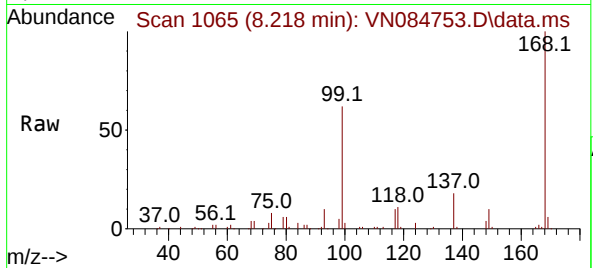




#31
Cyclohexane
Concen: 1.184 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084753.D
Acq: 08 Nov 2024 16:32

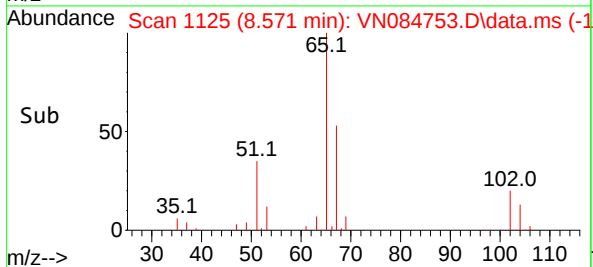
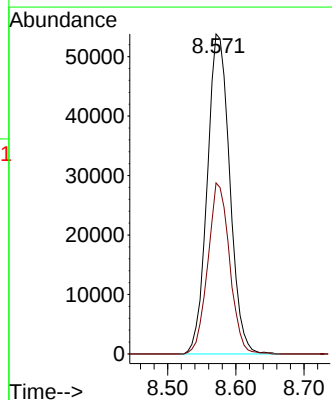
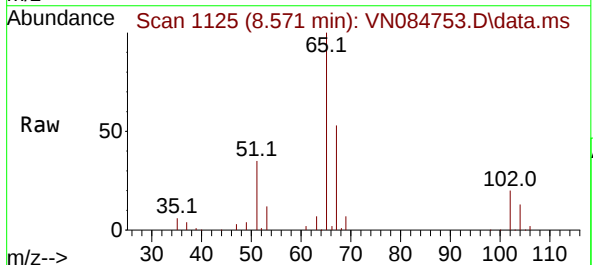
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

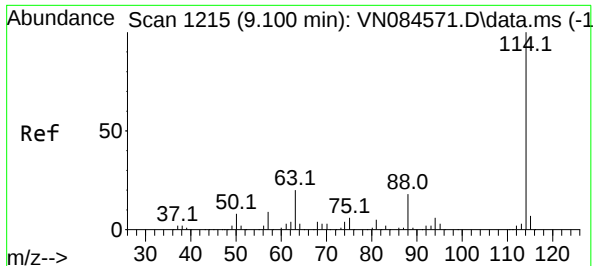
Tgt Ion: 56 Resp: 4070
Ion Ratio Lower Upper
56 100
69 165.6 23.8 35.6#
84 150.0 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 49.617 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN084753.D
Acq: 08 Nov 2024 16:32

Tgt Ion: 65 Resp: 123505
Ion Ratio Lower Upper
65 100
67 51.7 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084753.D

Acq: 08 Nov 2024 16:32

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

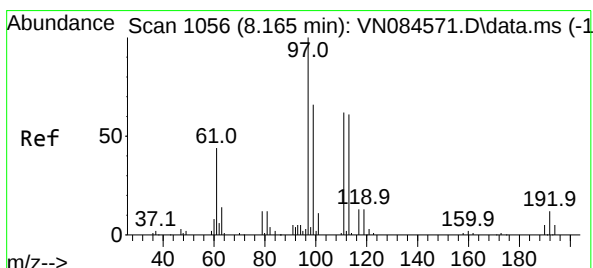
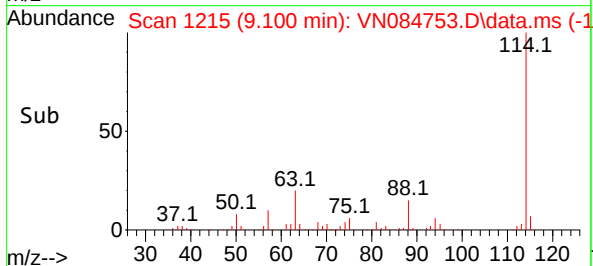
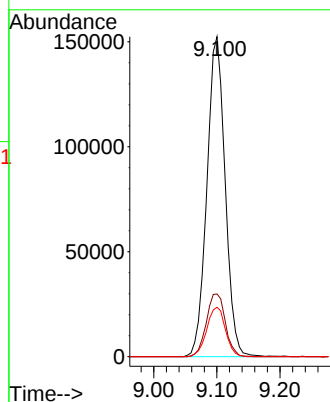
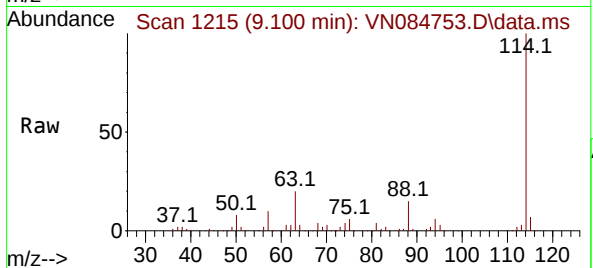
Tgt Ion:114 Resp: 306054

Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.8

88 15.5 0.0 31.6



#35

Dibromofluoromethane

Concen: 48.690 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN084753.D

Acq: 08 Nov 2024 16:32

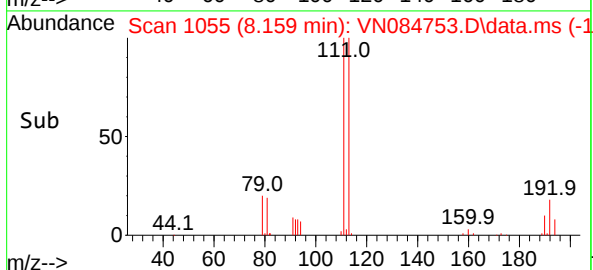
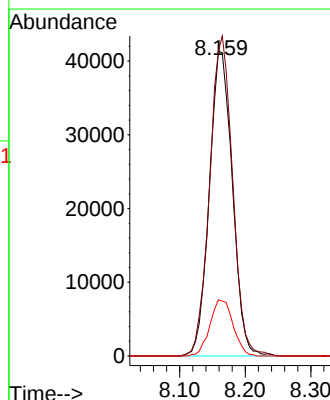
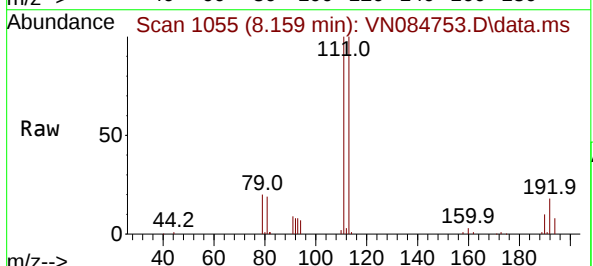
Tgt Ion:113 Resp: 100868

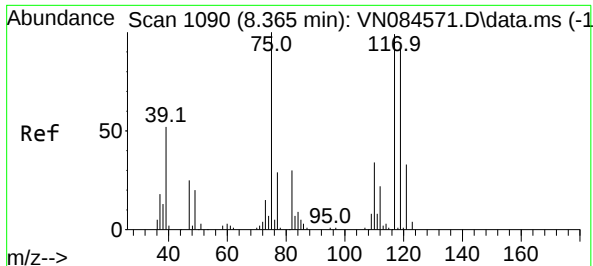
Ion Ratio Lower Upper

113 100

111 104.4 83.3 124.9

192 18.6 13.5 20.3





#36

1,1-Dichloropropene

Concen: 4.761 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN084753.D

Acq: 08 Nov 2024 16:32

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

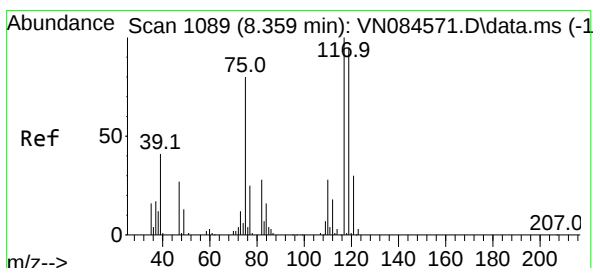
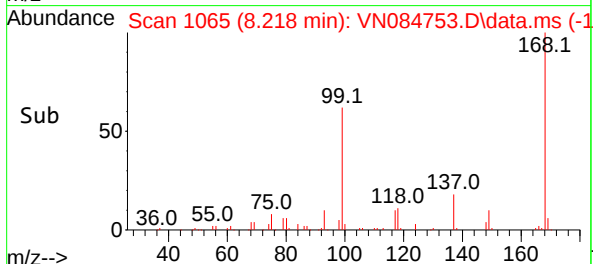
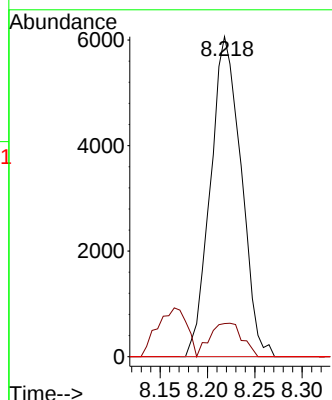
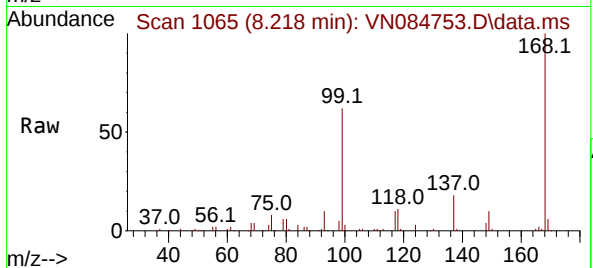
Tgt Ion: 75 Resp: 13680

Ion Ratio Lower Upper

75 100

110 11.0 16.9 50.7#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.794 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN084753.D

Acq: 08 Nov 2024 16:32

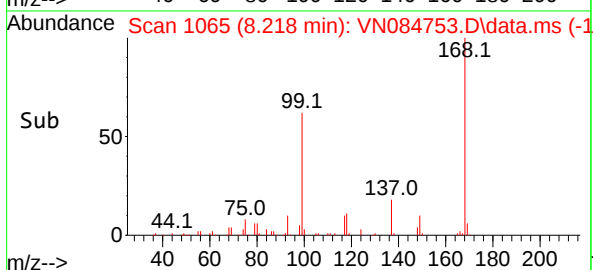
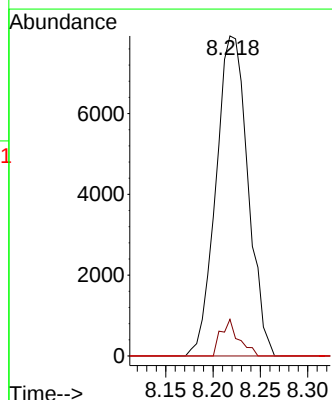
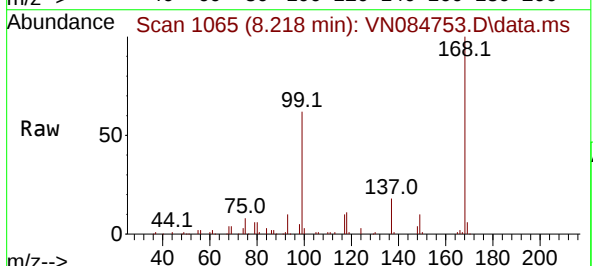
Tgt Ion: 117 Resp: 18606

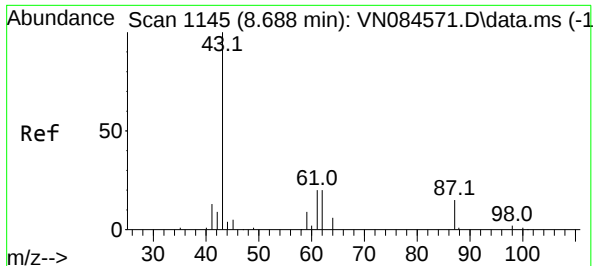
Ion Ratio Lower Upper

117 100

119 11.4 78.7 118.1#

121 0.0 24.4 36.6#





#43

Isopropyl Acetate

Concen: 0.269 ug/l

RT: 8.712 min Scan# 1149

Delta R.T. 0.024 min

Lab File: VN084753.D

Acq: 08 Nov 2024 16:32

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

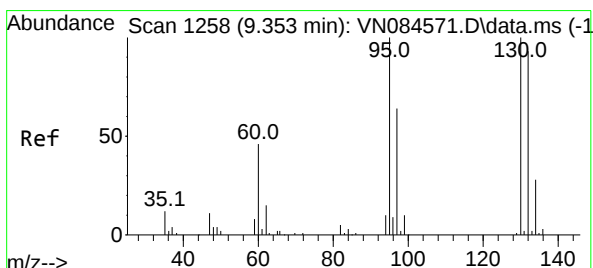
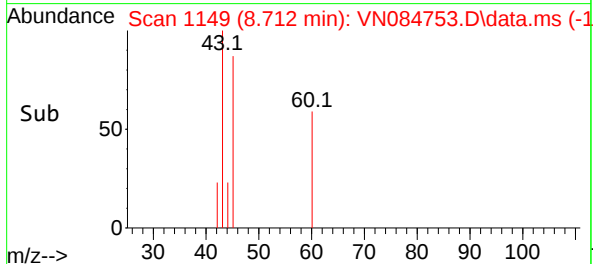
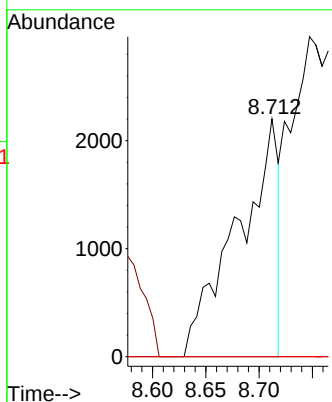
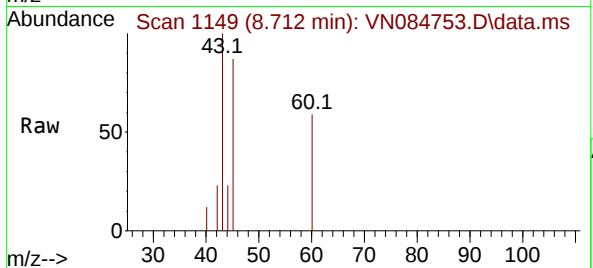
Tgt Ion: 43 Resp: 5920

Ion Ratio Lower Upper

43 100

61 0.0 20.4 30.6#

87 0.0 10.3 15.5#



#44

Trichloroethene

Concen: 3.784 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.006 min

Lab File: VN084753.D

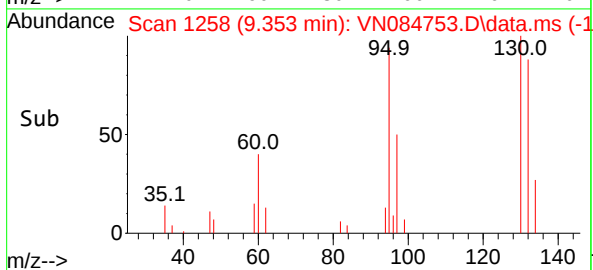
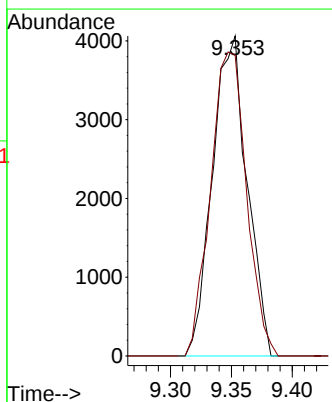
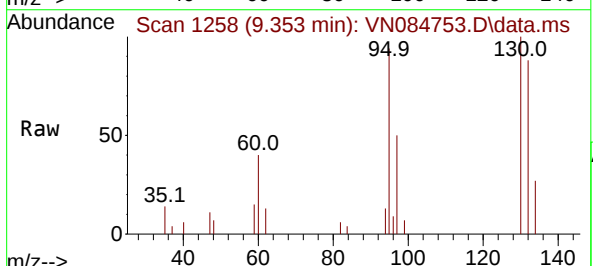
Acq: 08 Nov 2024 16:32

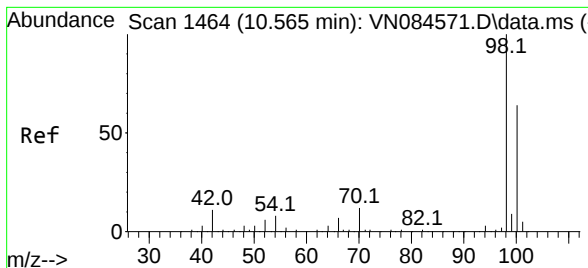
Tgt Ion:130 Resp: 8051

Ion Ratio Lower Upper

130 100

95 94.0 0.0 203.0

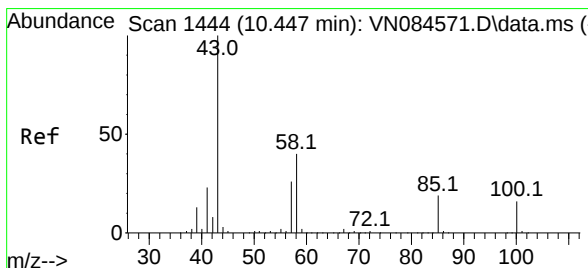
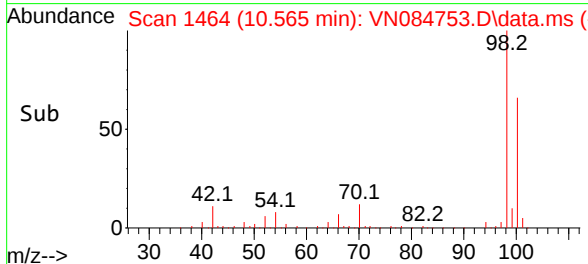
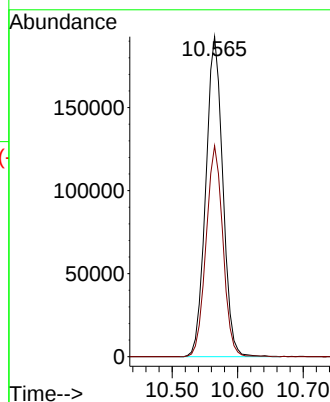
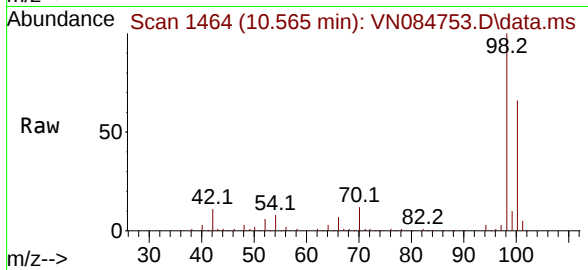




#50
Toluene-d8
Concen: 45.575 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084753.D
Acq: 08 Nov 2024 16:32

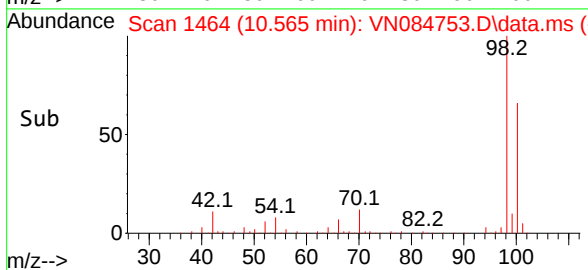
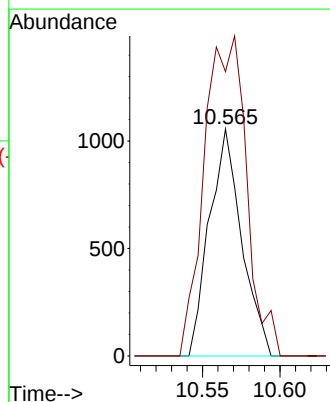
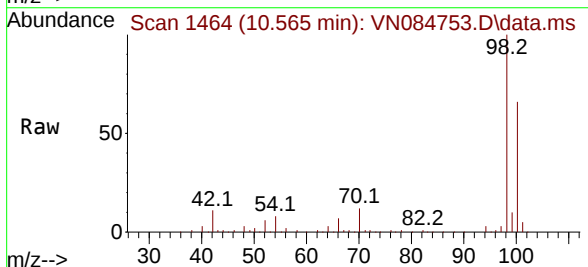
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

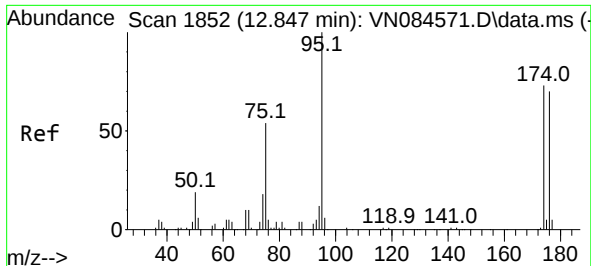
Tgt Ion: 98 Resp: 347789
Ion Ratio Lower Upper
98 100
100 65.2 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.616 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.124 min
Lab File: VN084753.D
Acq: 08 Nov 2024 16:32

Tgt Ion: 43 Resp: 1530
Ion Ratio Lower Upper
43 100
58 183.7 31.6 47.4#

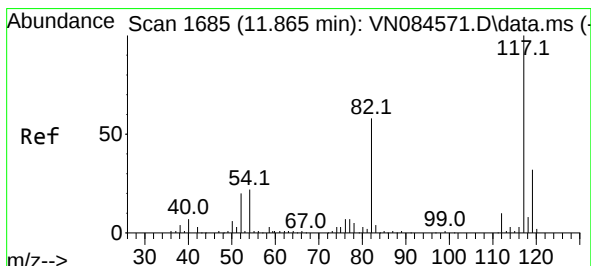
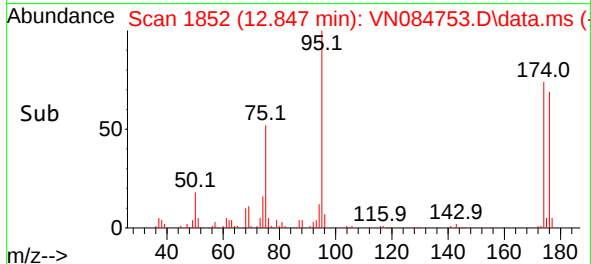
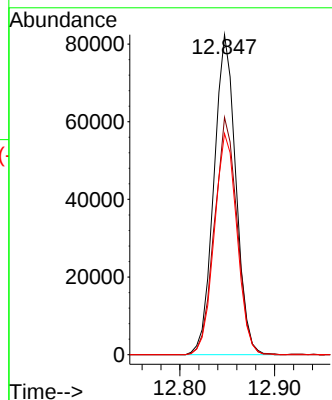
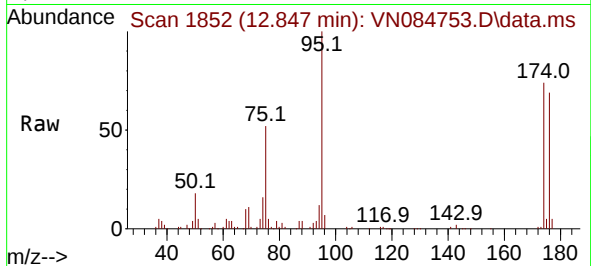




#62
4-Bromofluorobenzene
Concen: 46.493 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084753.D
Acq: 08 Nov 2024 16:32

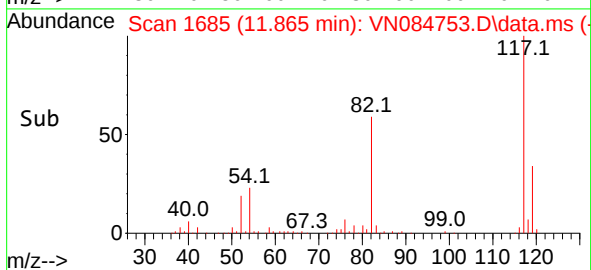
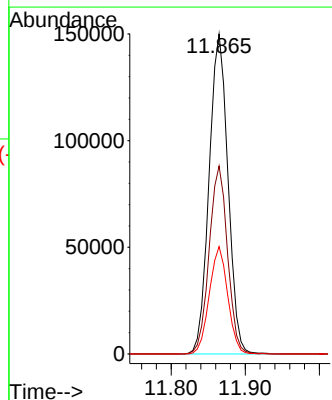
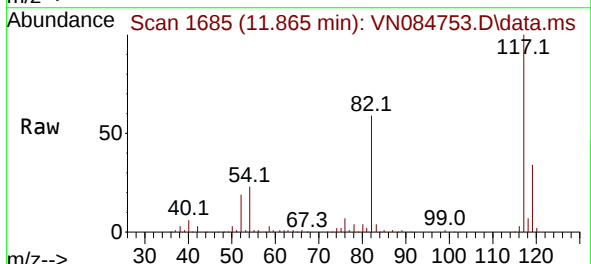
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

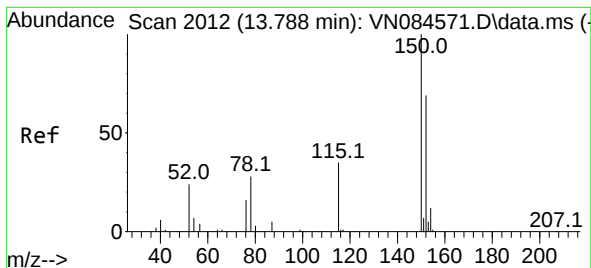
Tgt Ion: 95 Resp: 132599
Ion Ratio Lower Upper
95 100
174 76.3 0.0 145.2
176 71.5 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084753.D
Acq: 08 Nov 2024 16:32

Tgt Ion: 117 Resp: 265177
Ion Ratio Lower Upper
117 100
82 58.8 47.2 70.8
119 33.6 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: VN084753.D

Acq: 08 Nov 2024 16:32

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

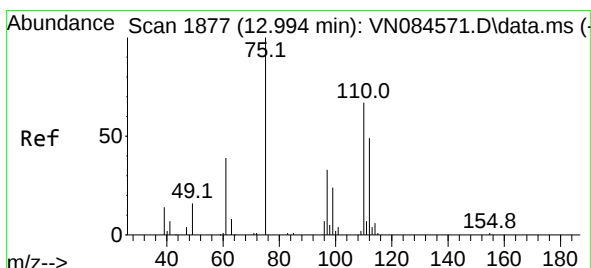
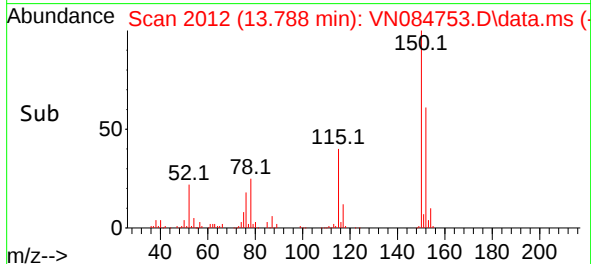
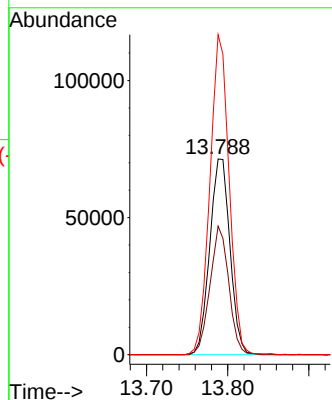
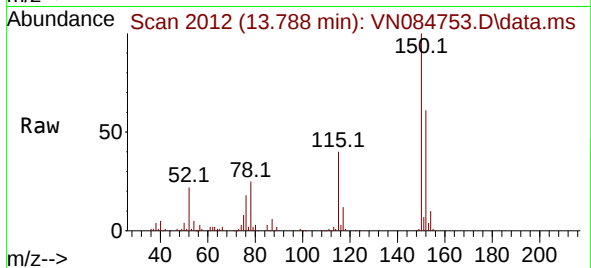
Tgt Ion:152 Resp: 123726

Ion Ratio Lower Upper

152 100

115 60.8 31.3 93.9

150 155.1 0.0 349.8



#76

1,2,3-Trichloropropane

Concen: 27.563 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN084753.D

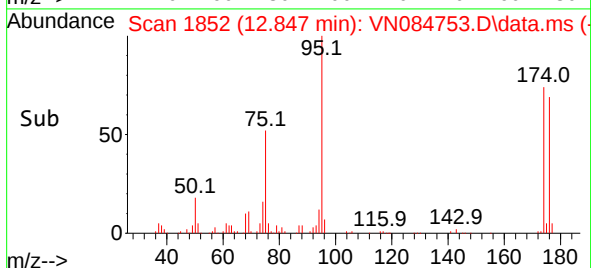
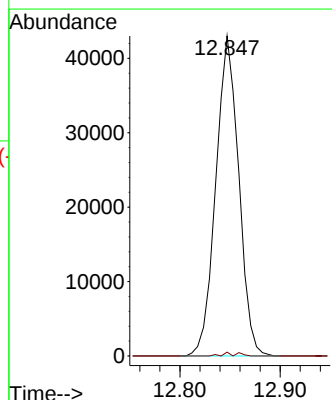
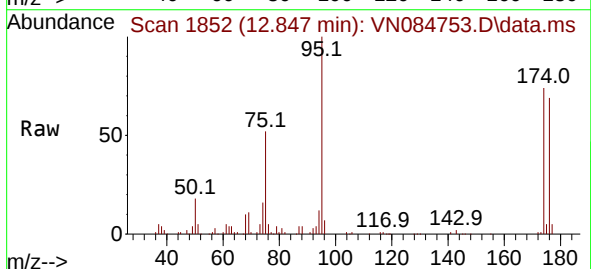
Acq: 08 Nov 2024 16:32

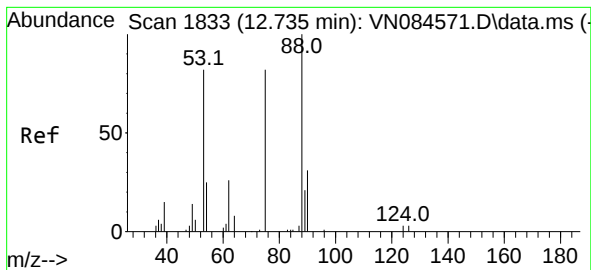
Tgt Ion: 75 Resp: 68169

Ion Ratio Lower Upper

75 100

77 0.4 96.9 290.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 65.390 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN084753.D
Acq: 08 Nov 2024 16:32

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion: 75 Resp: 68169
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#

