

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111724\
 Data File : VN084901.D
 Acq On : 17 Nov 2024 17:36
 Operator : JC\MD
 Sample : P4845-16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-DUP-01-20241111

Quant Time: Nov 18 00:24:04 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)

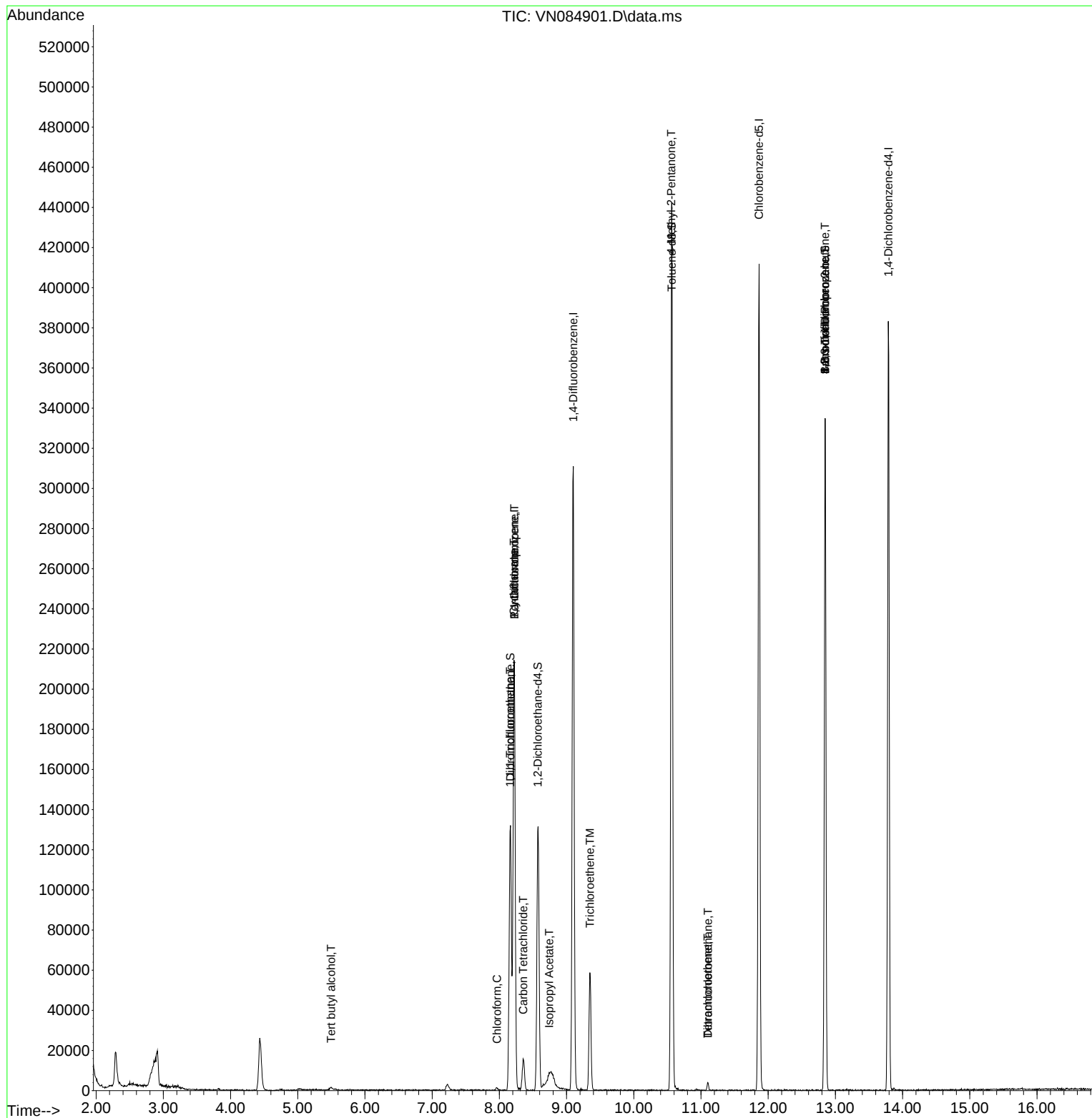
Internal Standards						
1) Pentafluorobenzene	8.224	168	156883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	268721	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	236467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	105675	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	113675	50.167	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 100.340%		
35) Dibromofluoromethane	8.165	113	92147	50.660	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.320%		
50) Toluene-d8	10.565	98	309556	46.200	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 92.400%		
62) 4-Bromofluorobenzene	12.847	95	116917	46.690	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 93.380%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.353	50	640	Below Cal	#	41
6) Chloroethane	3.124	64	509	Below Cal	#	45
11) Tert butyl alcohol	5.494	59	782	2.615	ug/l #	73
16) Acetone	4.430	43	1366	Below Cal		97
18) Methyl Acetate	5.012	43	593	Below Cal	#	51
30) Chloroform	7.965	83	1630	0.463	ug/l #	71
31) Cyclohexane	8.218	56	3232	1.033	ug/l #	1
32) 1,1,1-Trichloroethane	8.159	97	5855	1.829	ug/l #	48
36) 1,1-Dichloropropene	8.224	75	12968	5.141	ug/l #	49
38) Carbon Tetrachloride	8.353	117	11853	4.204	ug/l	98
43) Isopropyl Acetate	8.741	43	9300	1.259	ug/l #	56
44) Trichloroethene	9.347	130	22205	11.885	ug/l	96
51) 4-Methyl-2-Pentanone	10.559	43	1284	0.588	ug/l #	1
60) Dibromochloromethane	11.106	129	1025	0.504	ug/l #	11
64) Tetrachloroethene	11.100	164	964	0.613	ug/l	95
71) Bromoform	12.847	173	406	0.293	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	61718	29.217	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	61718	69.315	ug/l #	11

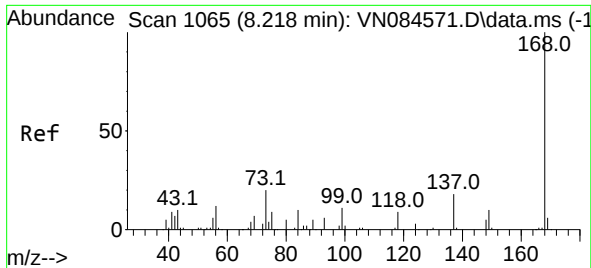
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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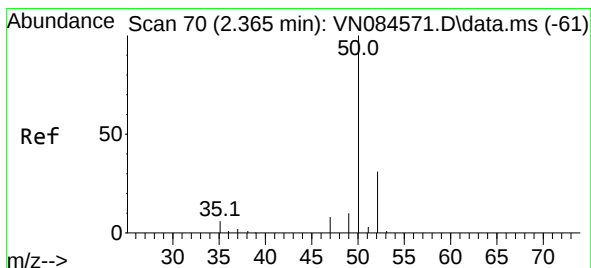
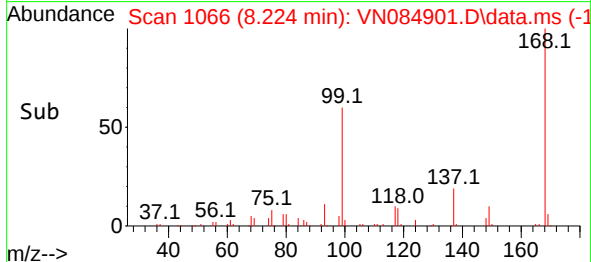
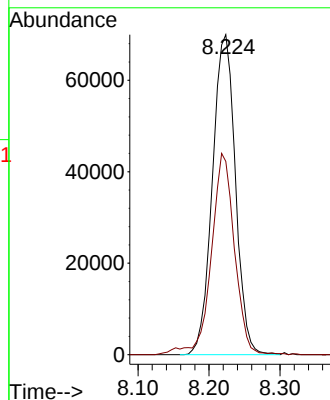
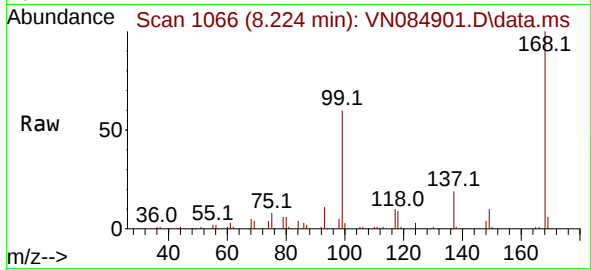




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084901.D
Acq: 17 Nov 2024 17:36

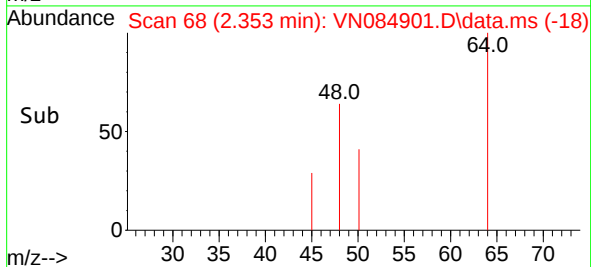
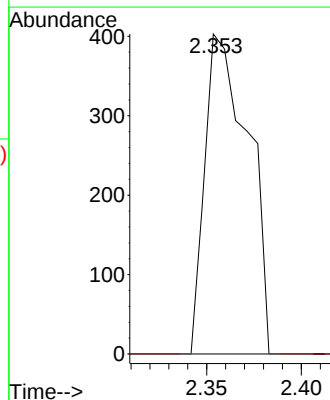
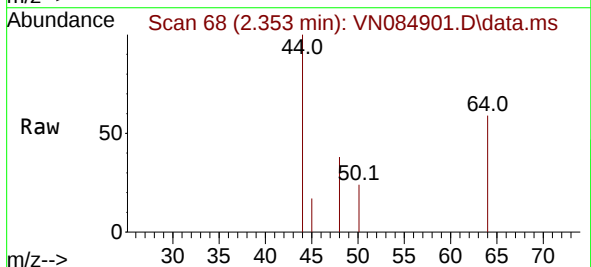
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-DUP-01-20241111

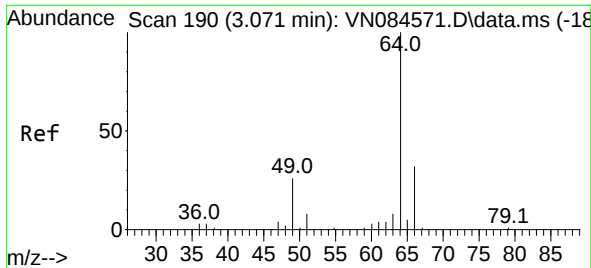
Tgt Ion:168 Resp: 156883
Ion Ratio Lower Upper
168 100
99 60.0 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN084901.D
Acq: 17 Nov 2024 17:36

Tgt Ion: 50 Resp: 640
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

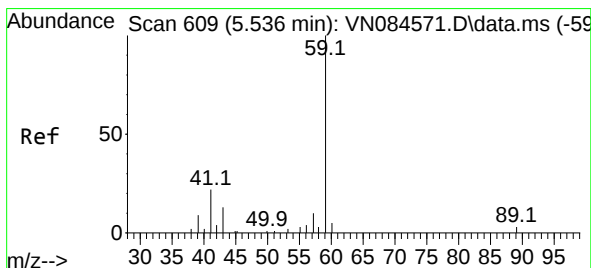
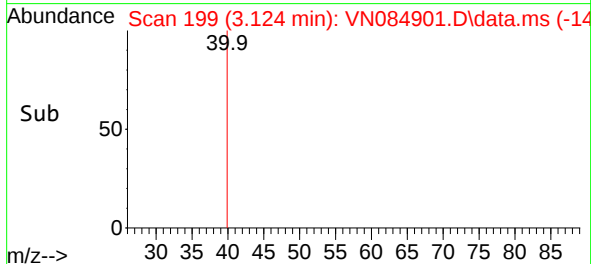
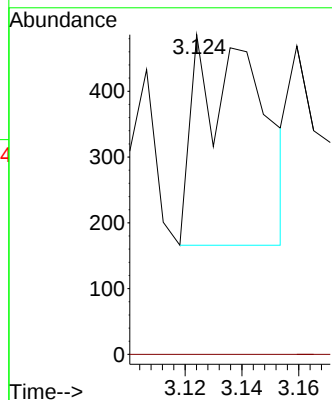
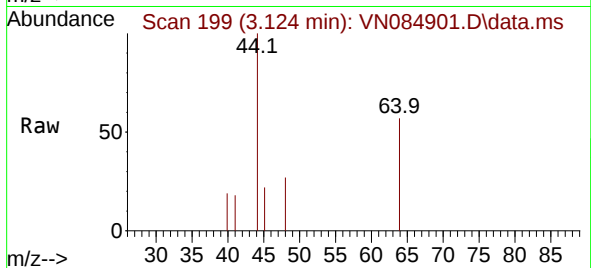




#6
Chloroethane
Concen: Below Cal
RT: 3.124 min Scan# 190
Delta R.T. 0.006 min
Lab File: VN084901.D
Acq: 17 Nov 2024 17:36

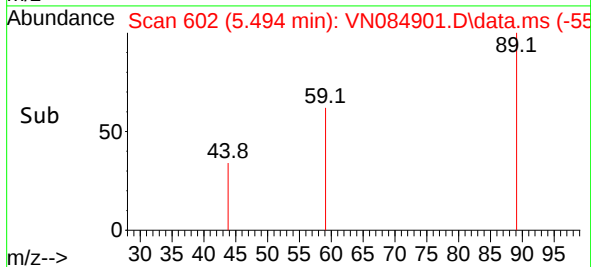
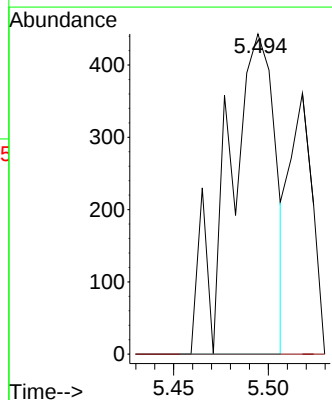
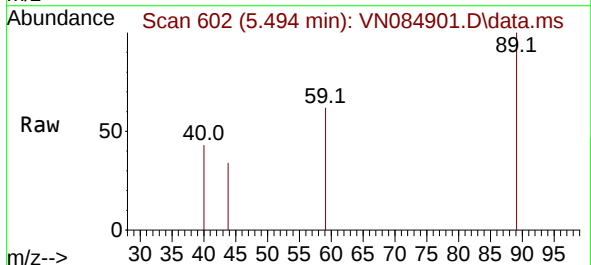
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-DUP-01-20241111

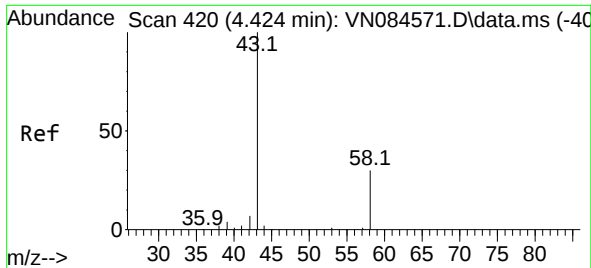
Tgt Ion: 64 Resp: 509
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#11
Tert butyl alcohol
Concen: 2.615 ug/l
RT: 5.494 min Scan# 602
Delta R.T. -0.029 min
Lab File: VN084901.D
Acq: 17 Nov 2024 17:36

Tgt Ion: 59 Resp: 782
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#16

Acetone

Concen: Below Cal

RT: 4.430 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN084901.D

Acq: 17 Nov 2024 17:36

Instrument :

MSVOA_N

ClientSampleId :

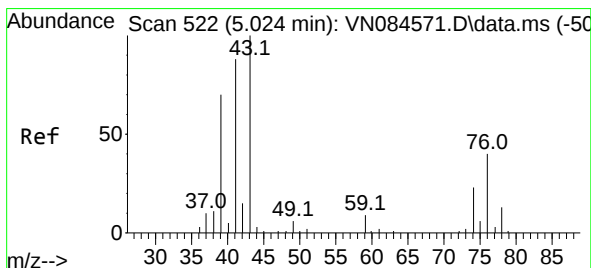
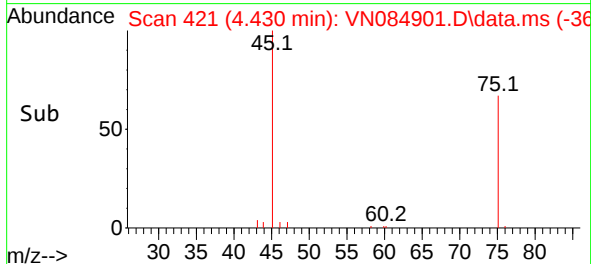
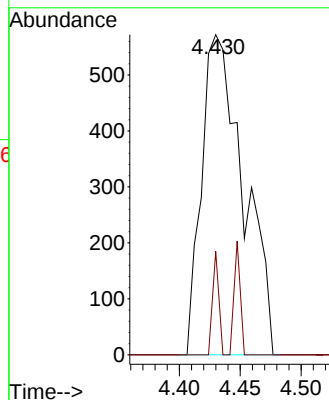
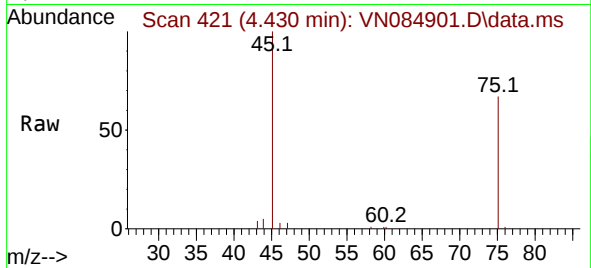
FSND-MW-DUP-01-20241111

Tgt Ion: 43 Resp: 1366

Ion Ratio Lower Upper

43 100

58 32.3 24.4 36.6



#18

Methyl Acetate

Concen: Below Cal

RT: 5.012 min Scan# 520

Delta R.T. -0.006 min

Lab File: VN084901.D

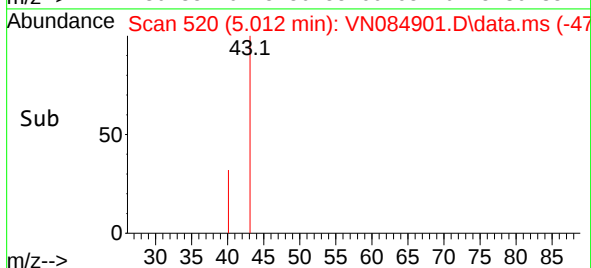
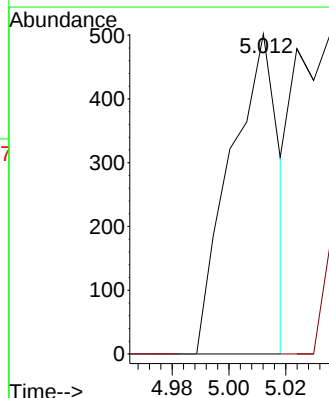
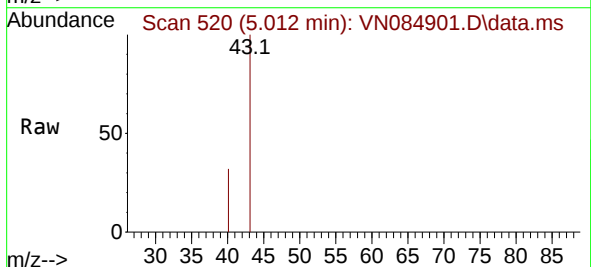
Acq: 17 Nov 2024 17:36

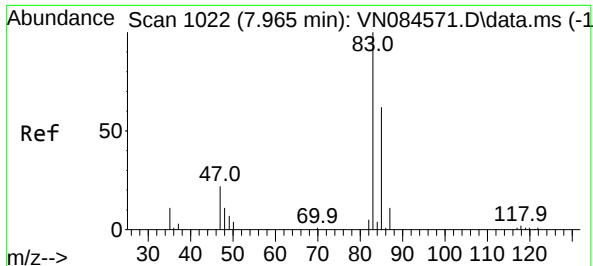
Tgt Ion: 43 Resp: 593

Ion Ratio Lower Upper

43 100

74 0.0 19.2 28.8#

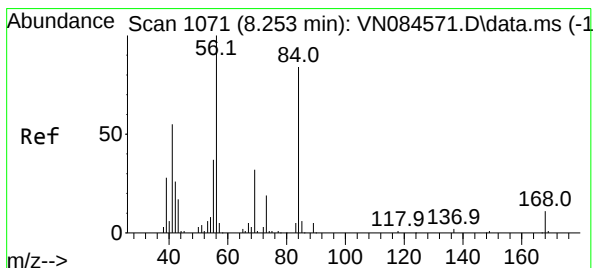
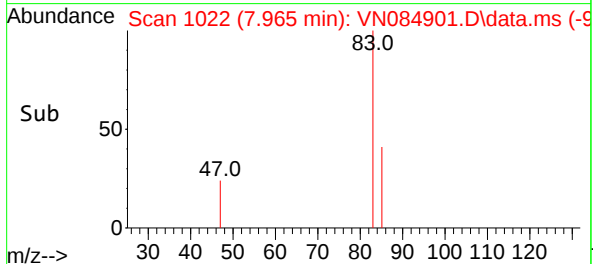
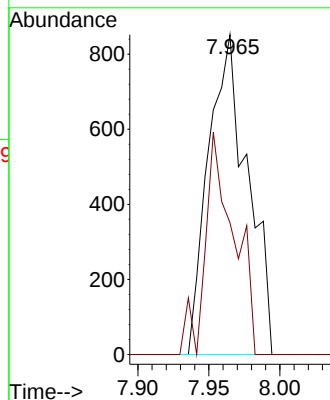
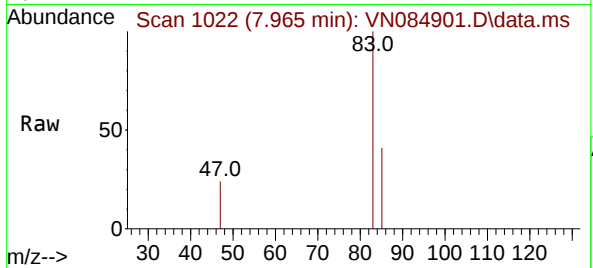




#30
Chloroform
Concen: 0.463 ug/l
RT: 7.965 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN084901.D
Acq: 17 Nov 2024 17:36

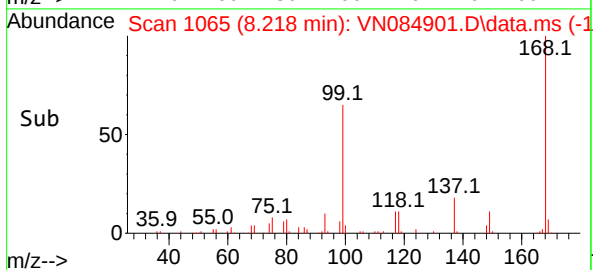
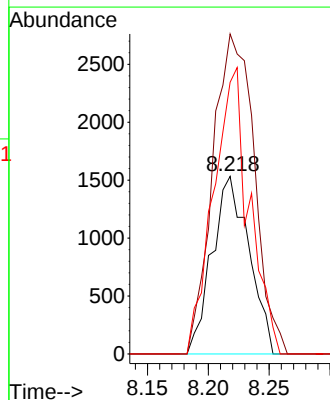
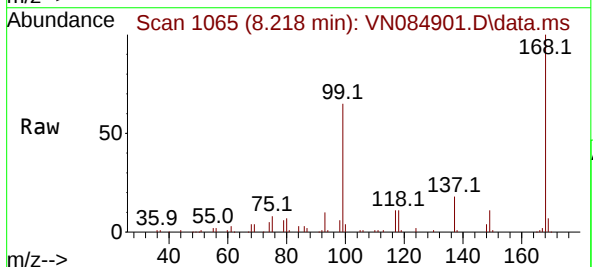
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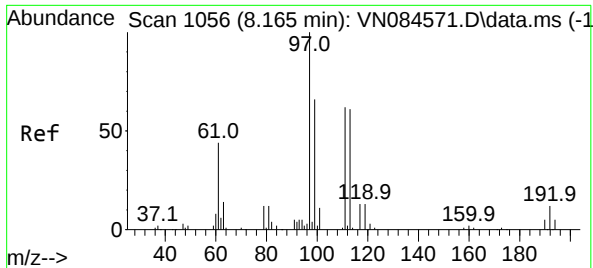
Tgt Ion: 83 Resp: 1630
Ion Ratio Lower Upper
83 100
85 41.2 51.0 76.4#



#31
Cyclohexane
Concen: 1.033 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084901.D
Acq: 17 Nov 2024 17:36

Tgt Ion: 56 Resp: 3232
Ion Ratio Lower Upper
56 100
69 180.2 23.8 35.6#
84 153.0 68.8 103.2#

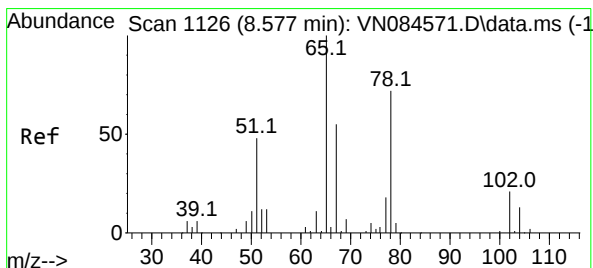
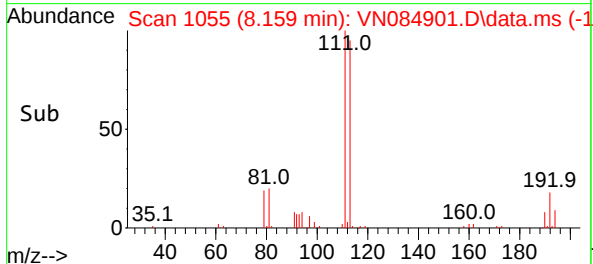
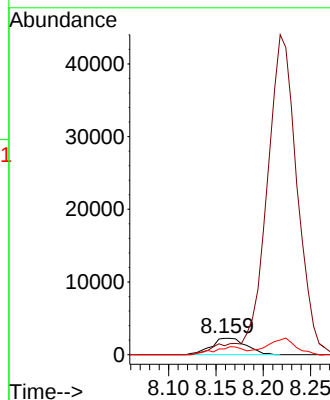
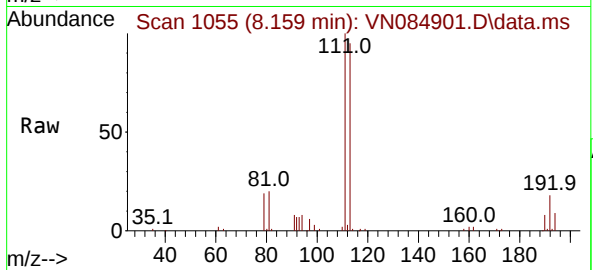




#32
1,1,1-Trichloroethane
Concen: 1.829 ug/l
RT: 8.159 min Scan# 1105
Delta R.T. -0.012 min
Lab File: VN084901.D
Acq: 17 Nov 2024 17:36

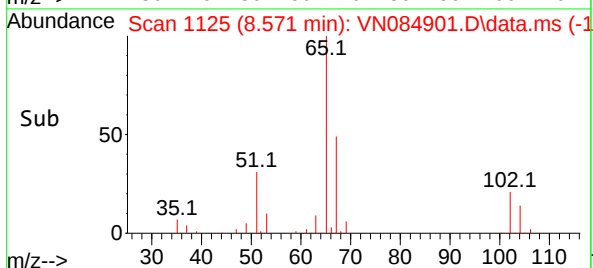
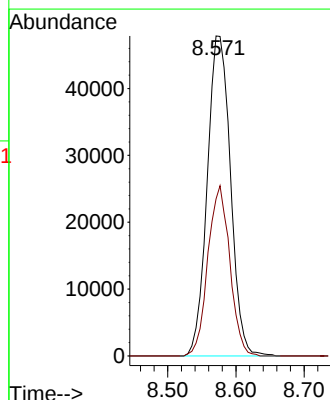
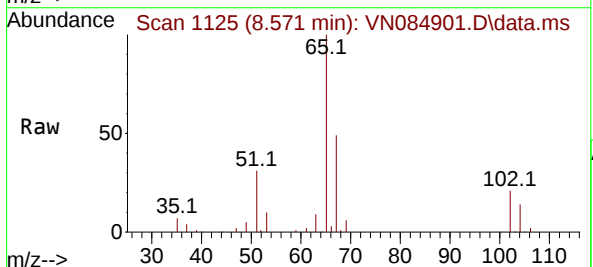
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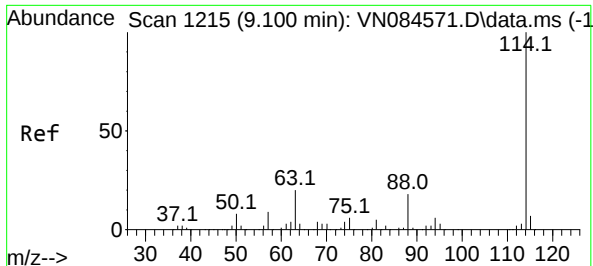
Tgt Ion: 97 Resp: 5855
Ion Ratio Lower Upper
97 100
99 0.0 51.2 76.8#
61 39.8 37.5 56.3



#33
1,2-Dichloroethane-d4
Concen: 50.167 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN084901.D
Acq: 17 Nov 2024 17:36

Tgt Ion: 65 Resp: 113675
Ion Ratio Lower Upper
65 100
67 50.1 0.0 102.0

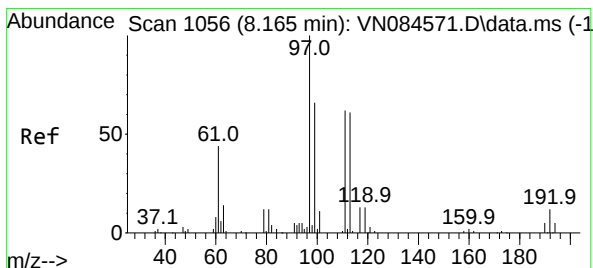
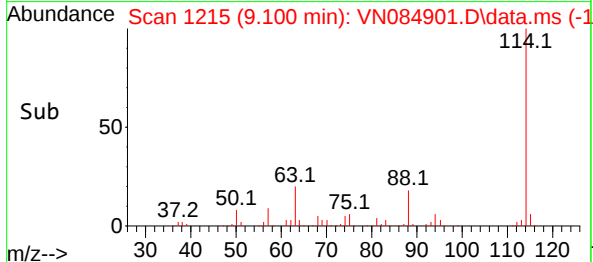
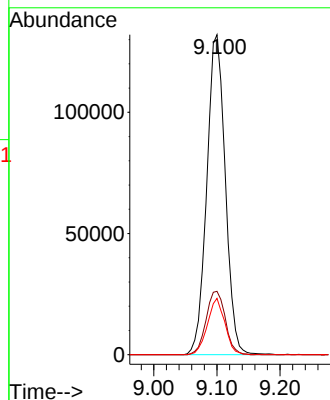
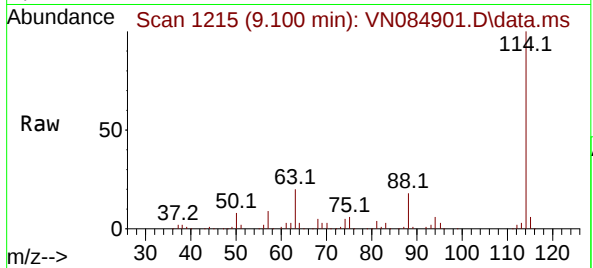




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084901.D
Acq: 17 Nov 2024 17:36

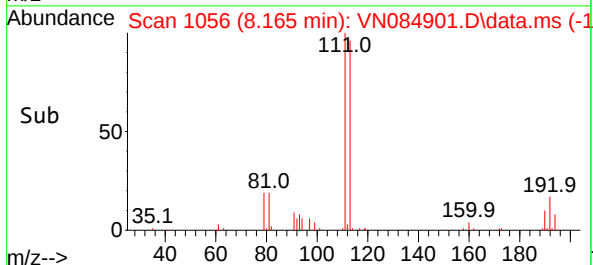
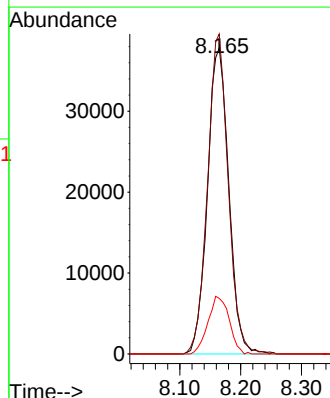
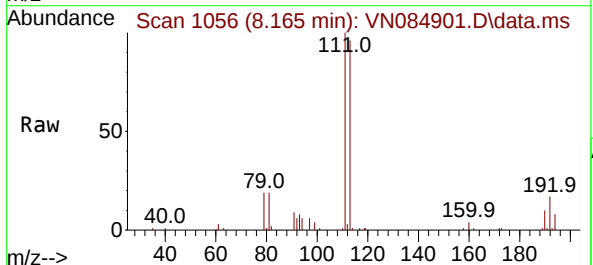
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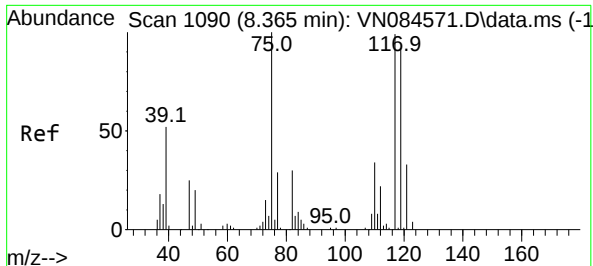
Tgt Ion:114 Resp: 268721
Ion Ratio Lower Upper
114 100
63 19.8 0.0 43.8
88 17.6 0.0 31.6



#35
Dibromofluoromethane
Concen: 50.660 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084901.D
Acq: 17 Nov 2024 17:36

Tgt Ion:113 Resp: 92147
Ion Ratio Lower Upper
113 100
111 101.2 83.3 124.9
192 18.7 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.141 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084901.D

Acq: 17 Nov 2024 17:36

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-DUP-01-20241111

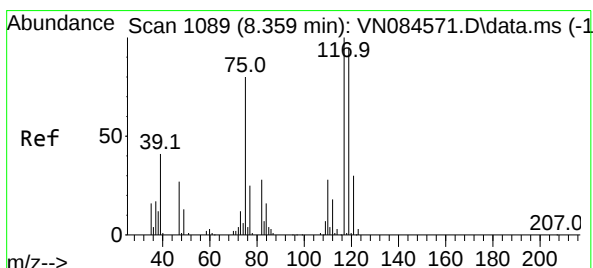
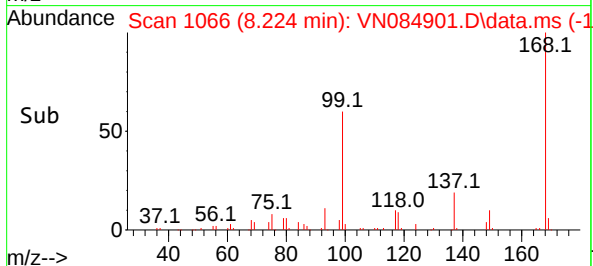
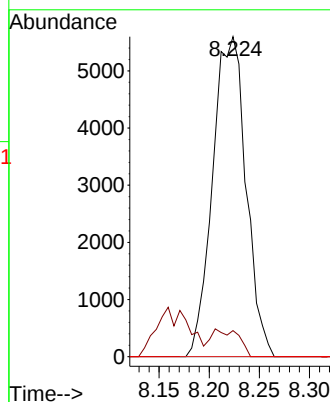
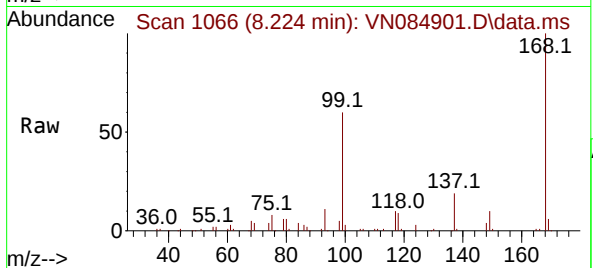
Tgt Ion: 75 Resp: 12968

Ion Ratio Lower Upper

75 100

110 7.1 16.9 50.7#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 4.204 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VN084901.D

Acq: 17 Nov 2024 17:36

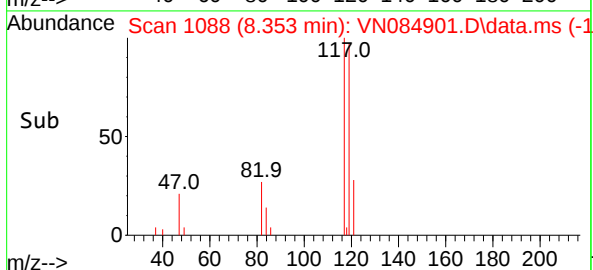
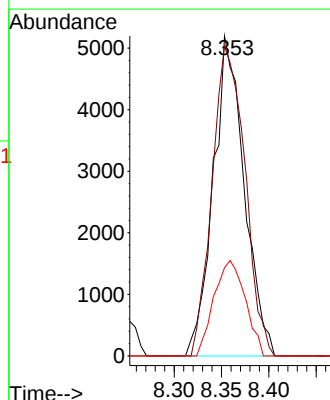
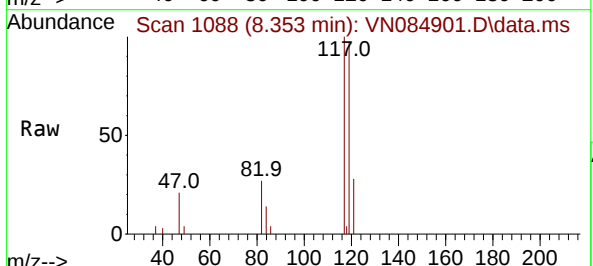
Tgt Ion: 117 Resp: 11853

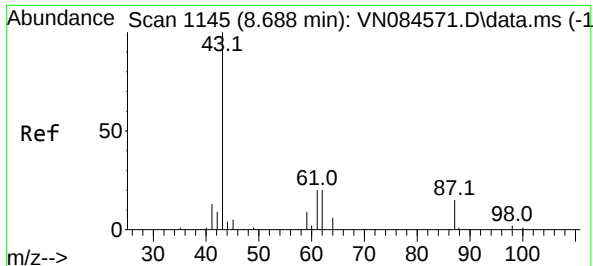
Ion Ratio Lower Upper

117 100

119 96.8 78.7 118.1

121 27.5 24.4 36.6





#43

Isopropyl Acetate

Concen: 1.259 ug/l

RT: 8.741 min Scan# 1154

Delta R.T. 0.053 min

Lab File: VN084901.D

Acq: 17 Nov 2024 17:36

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-DUP-01-20241111

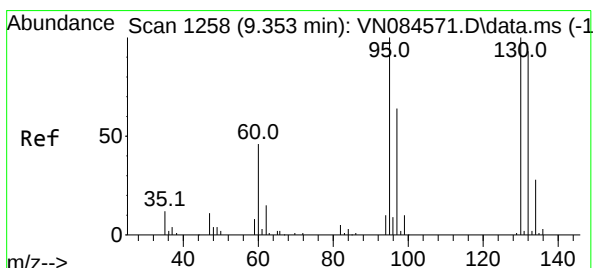
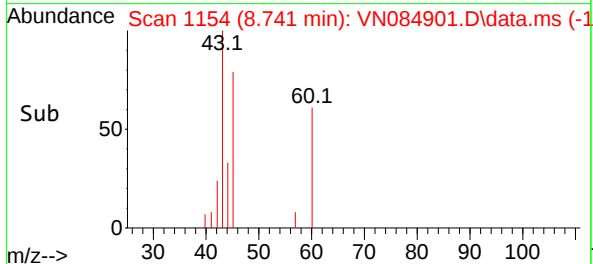
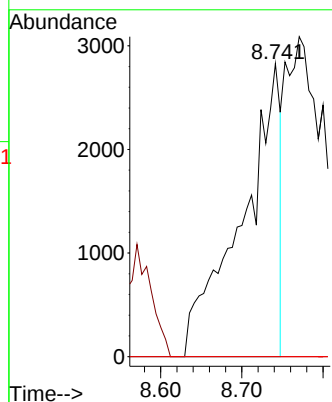
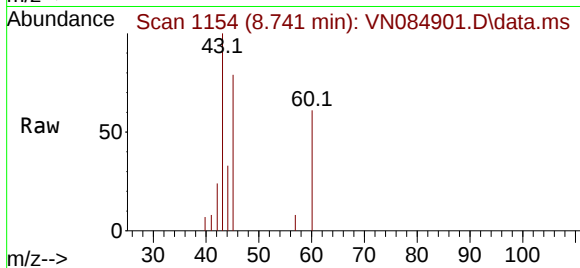
Tgt Ion: 43 Resp: 9300

Ion Ratio Lower Upper

43 100

61 0.0 20.4 30.6#

87 0.0 10.3 15.5#



#44

Trichloroethene

Concen: 11.885 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. 0.000 min

Lab File: VN084901.D

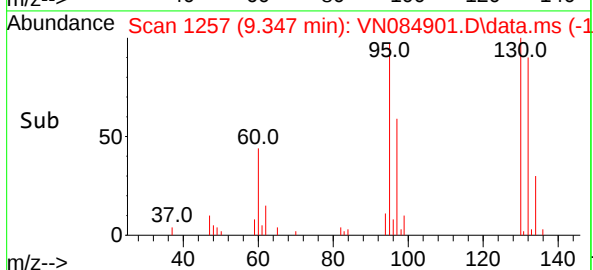
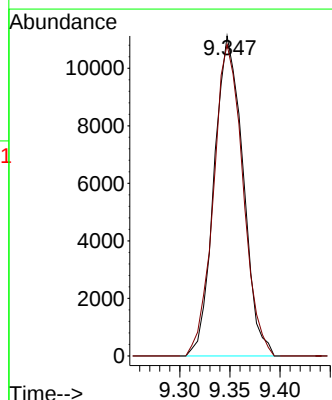
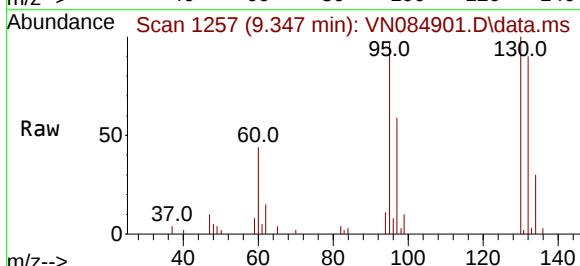
Acq: 17 Nov 2024 17:36

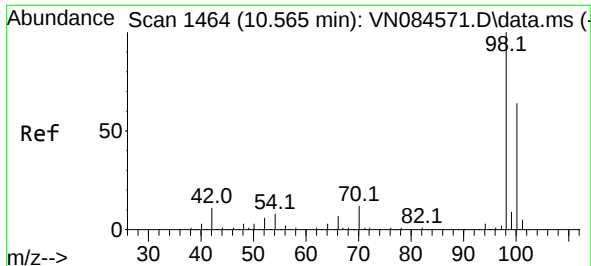
Tgt Ion:130 Resp: 22205

Ion Ratio Lower Upper

130 100

95 97.3 0.0 203.0

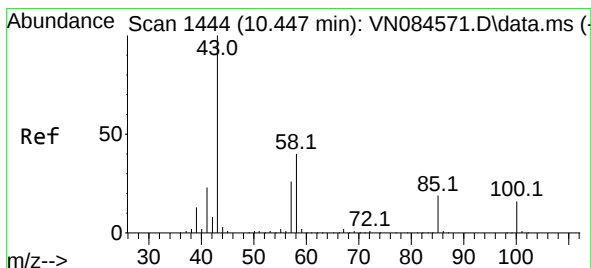
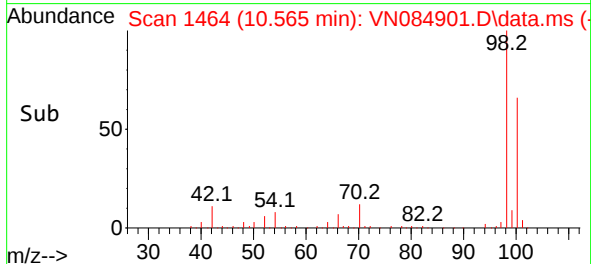
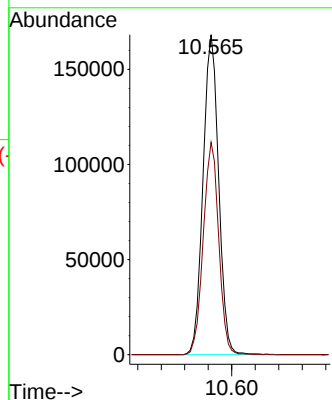
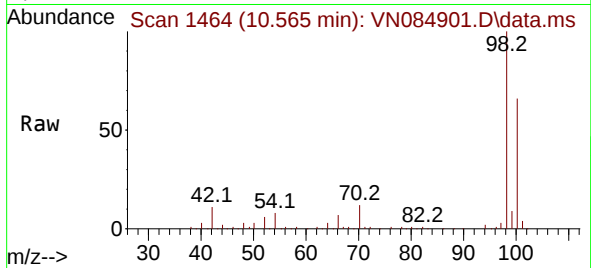




#50
Toluene-d8
Concen: 46.200 ug/l
RT: 10.565 min Scan# 1463
Delta R.T. -0.000 min
Lab File: VN084901.D
Acq: 17 Nov 2024 17:36

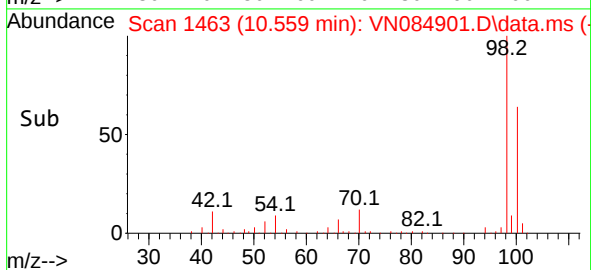
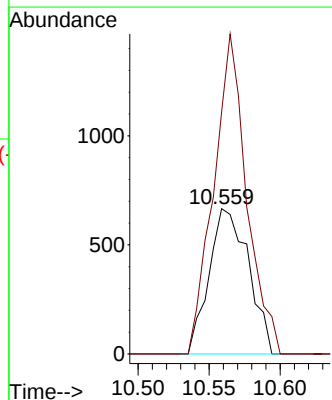
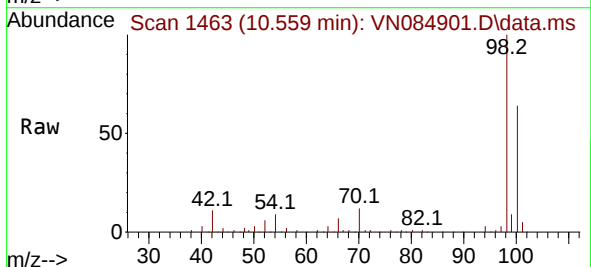
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-DUP-01-20241111

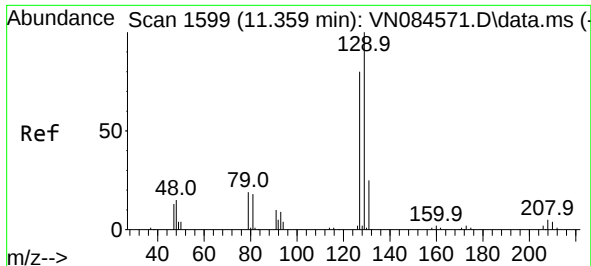
Tgt Ion: 98 Resp: 309556
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.588 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.118 min
Lab File: VN084901.D
Acq: 17 Nov 2024 17:36

Tgt Ion: 43 Resp: 1284
Ion Ratio Lower Upper
43 100
58 184.7 31.6 47.4#

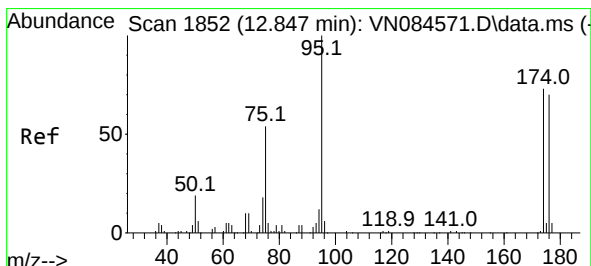
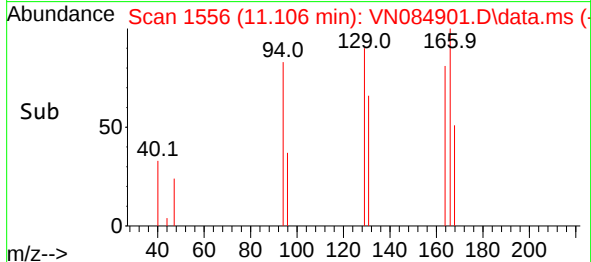
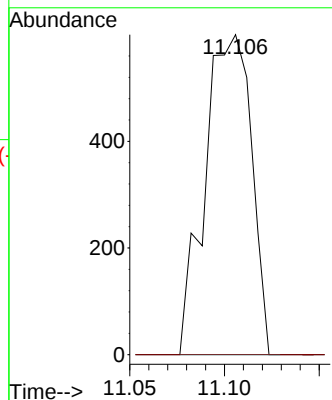
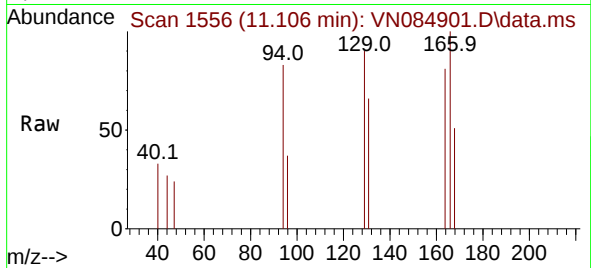




#60
Dibromochloromethane
Concen: 0.504 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.253 min
Lab File: VN084901.D
Acq: 17 Nov 2024 17:36

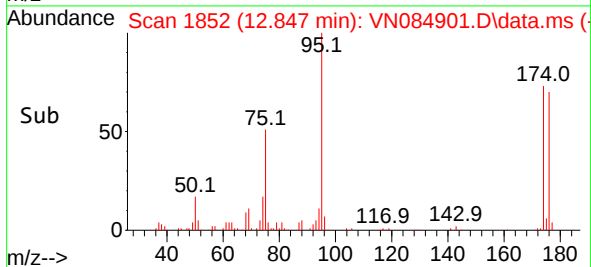
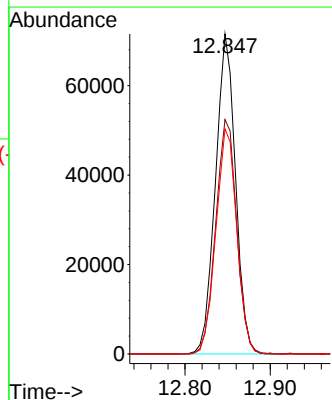
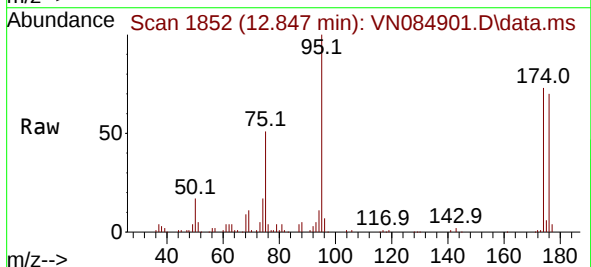
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-DUP-01-20241111

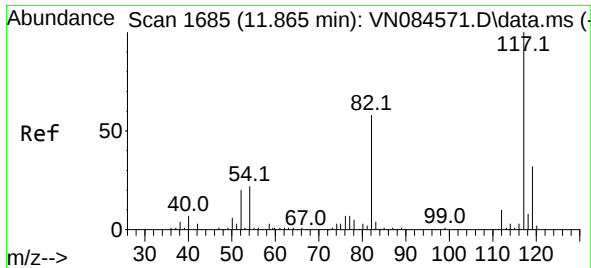
Tgt Ion:129 Resp: 1025
Ion Ratio Lower Upper
129 100
127 0.0 38.3 114.9#



#62
4-Bromofluorobenzene
Concen: 46.690 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084901.D
Acq: 17 Nov 2024 17:36

Tgt Ion: 95 Resp: 116917
Ion Ratio Lower Upper
95 100
174 76.6 0.0 145.2
176 73.2 0.0 140.0

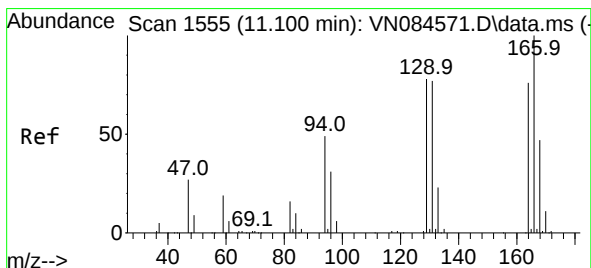
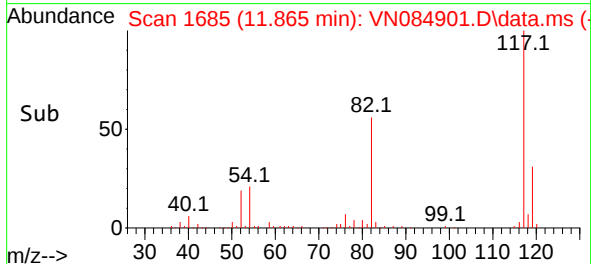
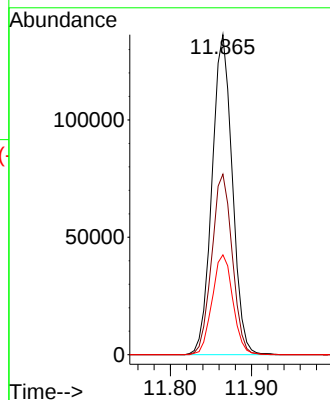
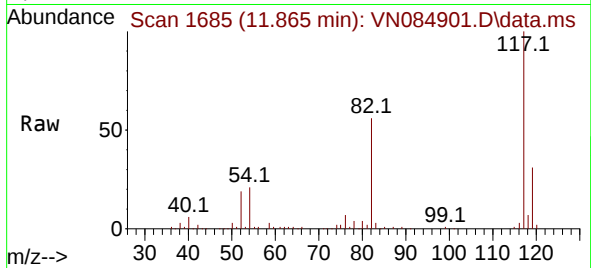




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084901.D
Acq: 17 Nov 2024 17:36

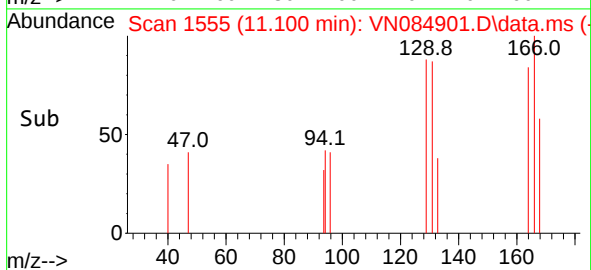
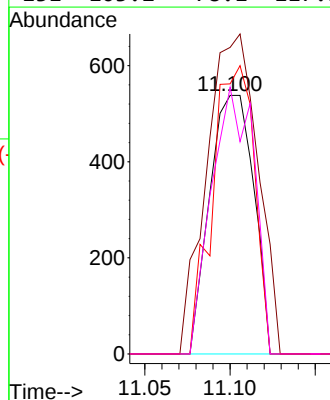
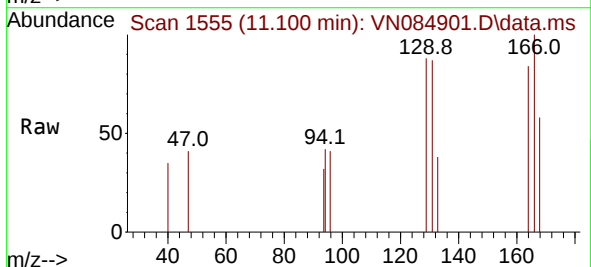
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-DUP-01-20241111

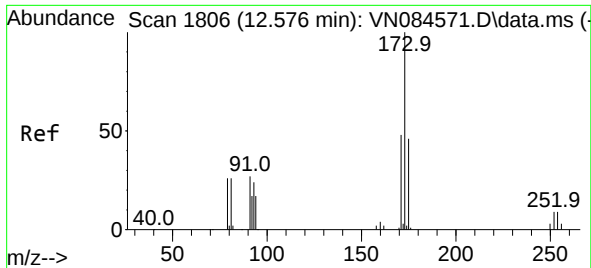
Tgt Ion:117 Resp: 236467
Ion Ratio Lower Upper
117 100
82 56.4 47.2 70.8
119 31.2 25.4 38.0



#64
Tetrachloroethene
Concen: 0.613 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN084901.D
Acq: 17 Nov 2024 17:36

Tgt Ion:164 Resp: 964
Ion Ratio Lower Upper
164 100
166 118.6 101.0 151.4
129 104.5 80.8 121.2
131 103.2 78.1 117.1

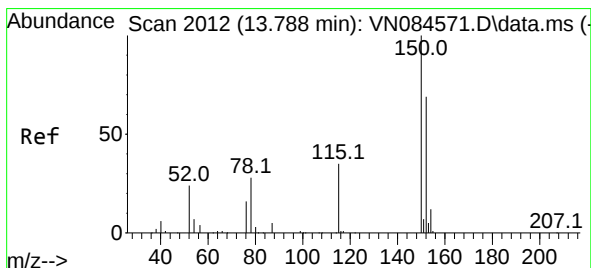
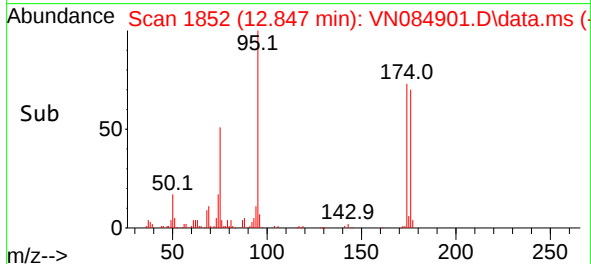
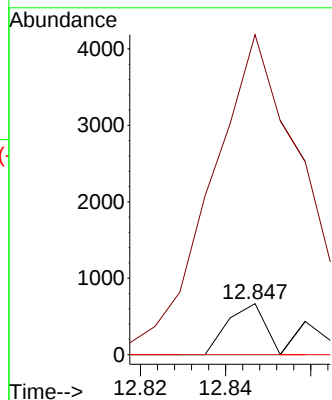
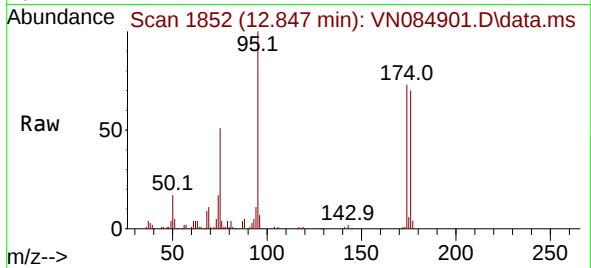




#71
Bromoform
Concen: 0.293 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.271 min
Lab File: VN084901.D
Acq: 17 Nov 2024 17:36

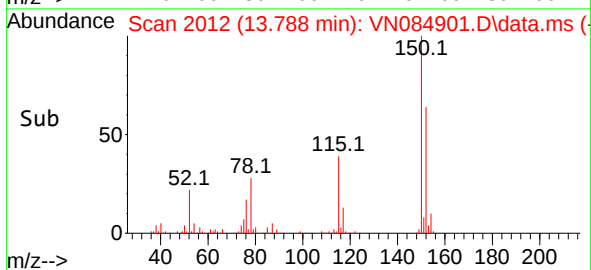
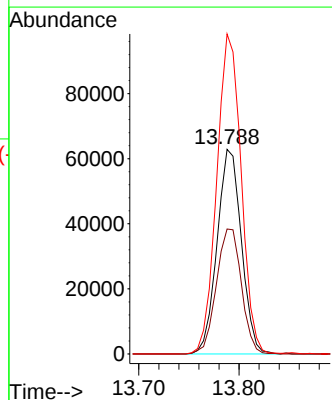
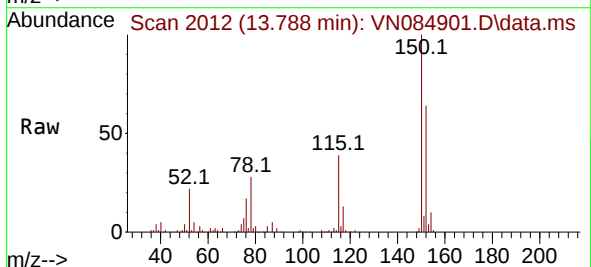
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-DUP-01-20241111

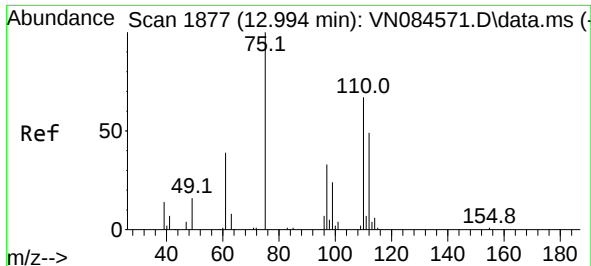
Tgt Ion:173 Resp: 406
Ion Ratio Lower Upper
173 100
175 1189.7 23.5 70.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 1202
Delta R.T. 0.000 min
Lab File: VN084901.D
Acq: 17 Nov 2024 17:36

Tgt Ion:152 Resp: 105675
Ion Ratio Lower Upper
152 100
115 62.7 31.3 93.9
150 156.8 0.0 349.8

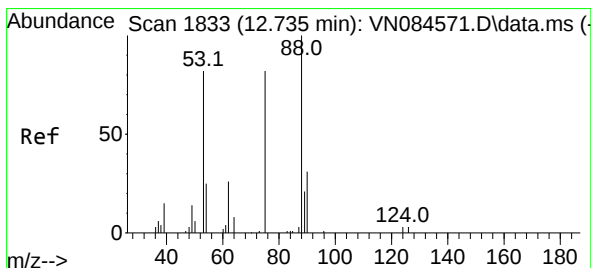
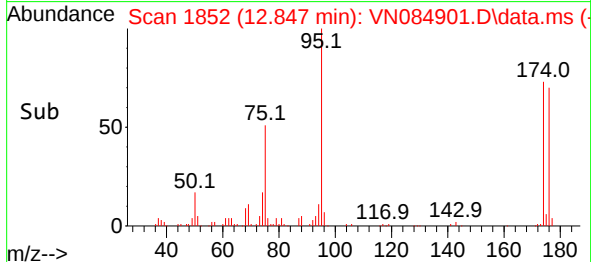
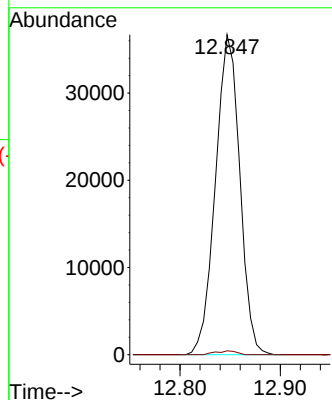
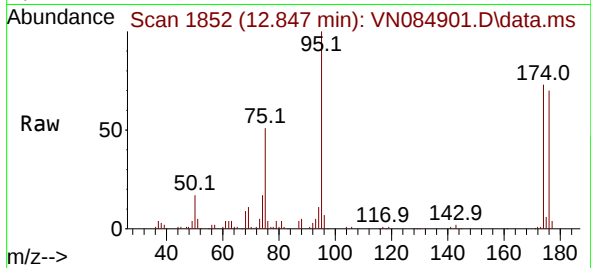




#76
1,2,3-Trichloropropane
Concen: 29.217 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084901.D
Acq: 17 Nov 2024 17:36

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-DUP-01-20241111

Tgt Ion: 75 Resp: 61718
Ion Ratio Lower Upper
75 100
77 1.0 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 69.315 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084901.D
Acq: 17 Nov 2024 17:36

Tgt Ion: 75 Resp: 61718
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#

