

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111724\
 Data File : VN084898.D
 Acq On : 17 Nov 2024 16:24
 Operator : JC\MD
 Sample : P4845-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-9-20241111

Quant Time: Nov 18 00:22:43 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)

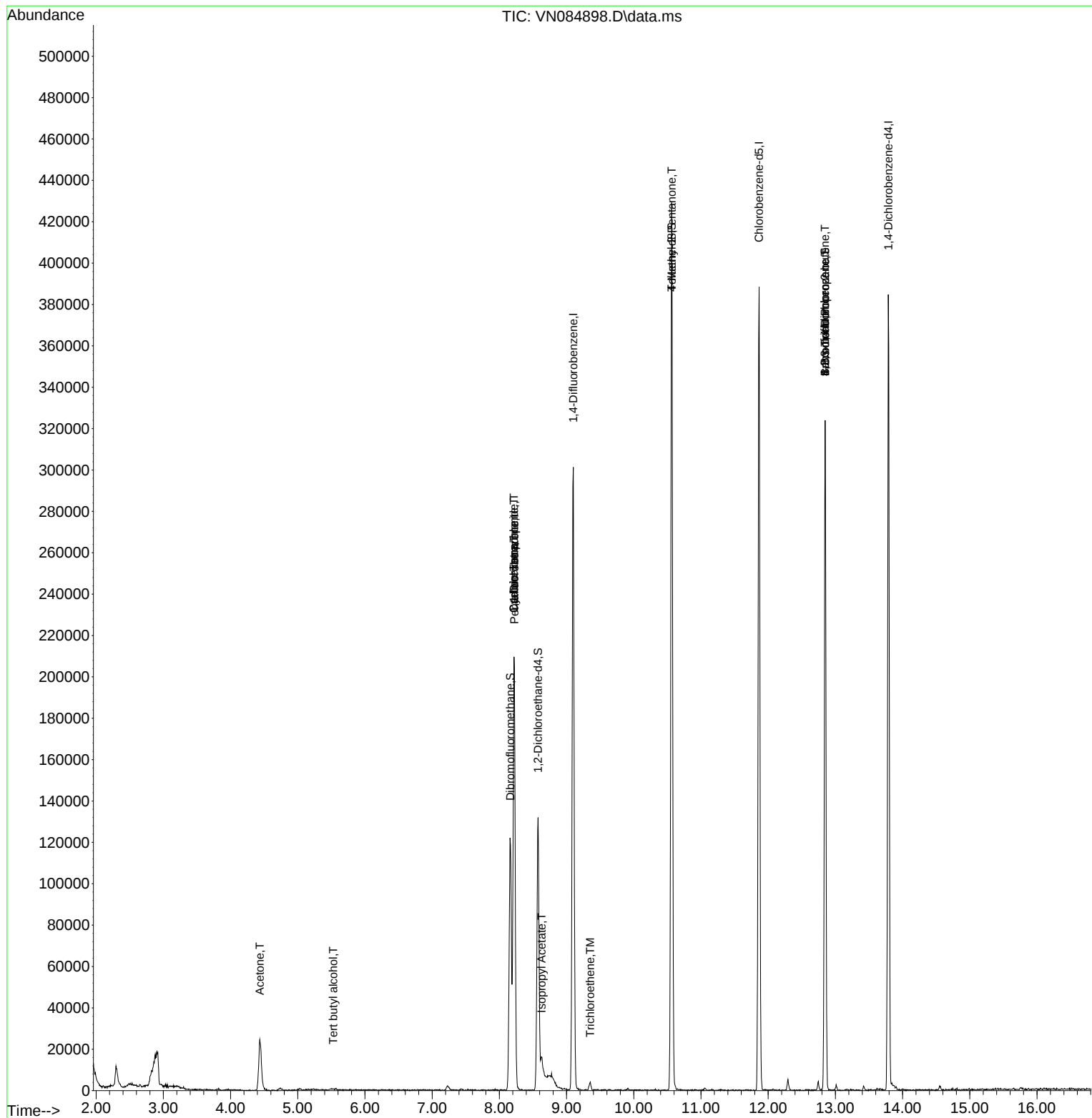
Internal Standards						
1) Pentafluorobenzene	8.224	168	148908	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	256605	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	226841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	103436	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	109168	50.758	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 101.520%		
35) Dibromofluoromethane	8.165	113	87934	50.627	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.260%		
50) Toluene-d8	10.565	98	291164	45.507	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 91.020%		
62) 4-Bromofluorobenzene	12.847	95	114472	47.872	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 95.740%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	557	Below Cal		98
6) Chloroethane	3.124	64	279	Below Cal	#	45
11) Tert butyl alcohol	5.530	59	661	2.328 ug/l	#	73
16) Acetone	4.436	43	2418	1.052 ug/l	#	73
18) Methyl Acetate	5.024	43	1220	Below Cal	#	71
31) Cyclohexane	8.218	56	3097	1.043 ug/l	#	1
36) 1,1-Dichloropropene	8.218	75	12158	5.047 ug/l	#	49
38) Carbon Tetrachloride	8.218	117	16119	5.987 ug/l	#	16
43) Isopropyl Acetate	8.630	43	16888	3.281 ug/l	#	56
44) Trichloroethene	9.353	130	1707	0.957 ug/l		83
51) 4-Methyl-2-Pentanone	10.565	43	1279	0.614 ug/l	#	1
71) Bromoform	12.847	173	371	0.279 ug/l	#	30
76) 1,2,3-Trichloropropane	12.847	75	57926	28.016 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.847	75	57926	66.464 ug/l	#	11
88) 1,4-Dichlorobenzene	13.817	146	63	Below Cal	#	24

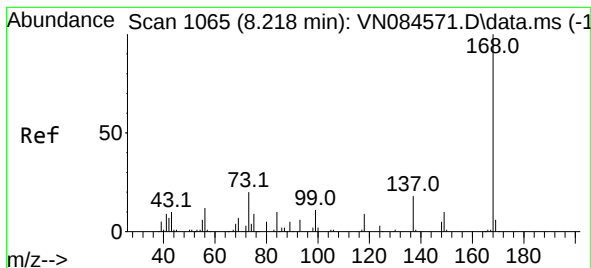
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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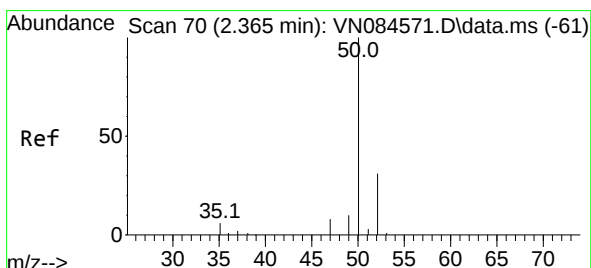
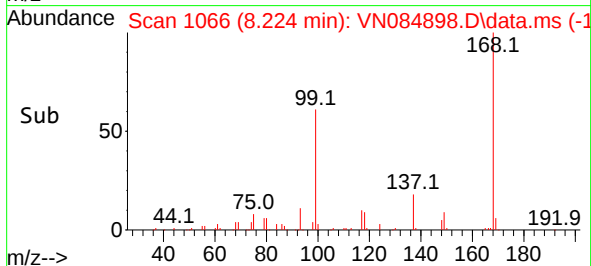
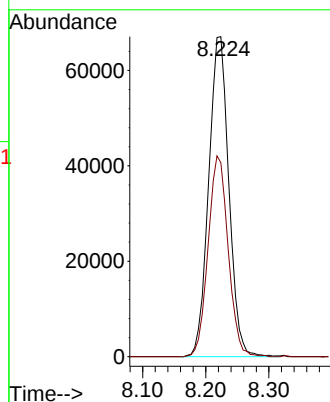
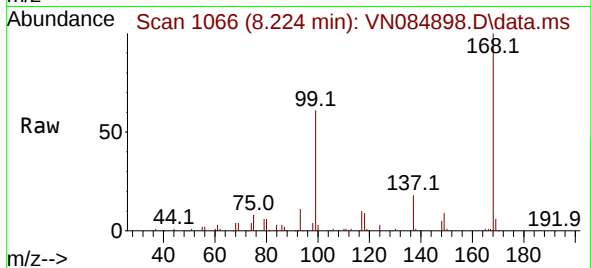




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084898.D
Acq: 17 Nov 2024 16:24

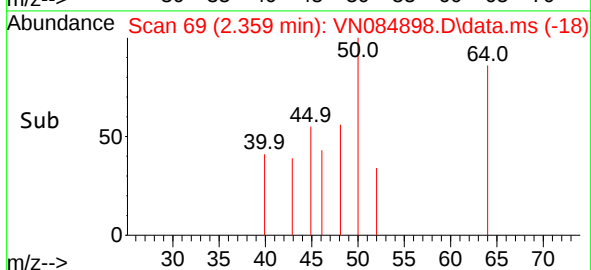
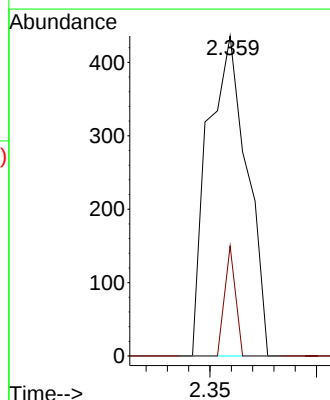
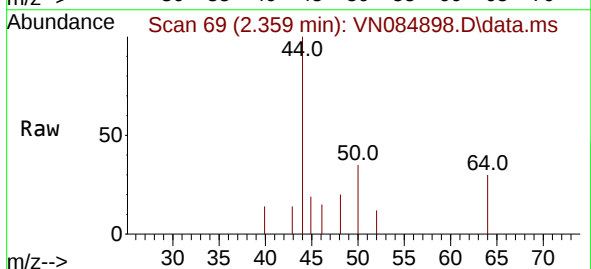
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-9-20241111

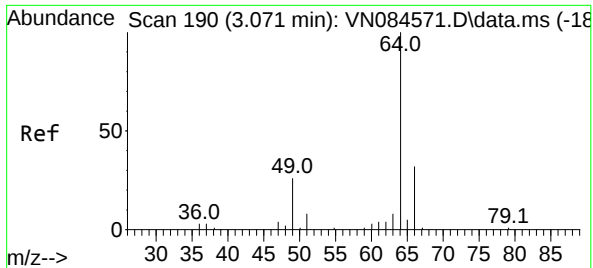
Tgt Ion:168 Resp: 148908
Ion Ratio Lower Upper
168 100
99 60.6 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084898.D
Acq: 17 Nov 2024 16:24

Tgt Ion: 50 Resp: 557
Ion Ratio Lower Upper
50 100
52 34.4 26.8 40.2

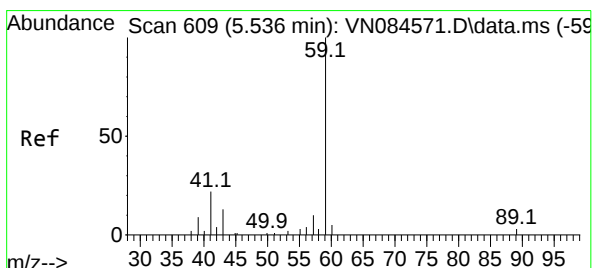
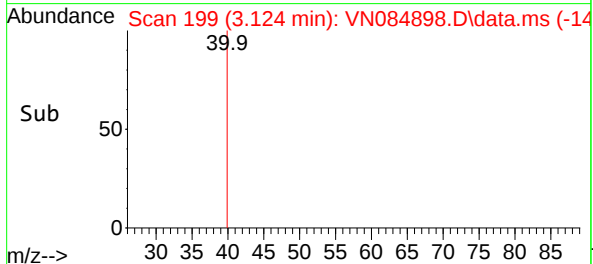
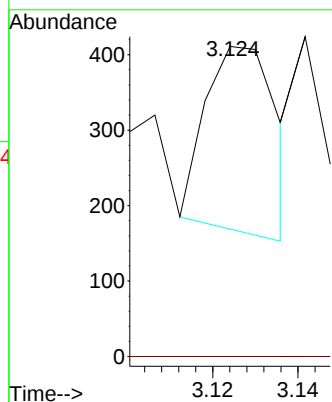
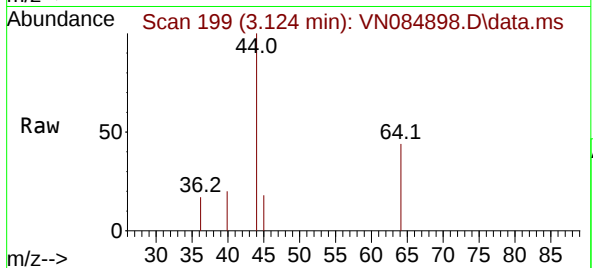




#6
Chloroethane
Concen: Below Cal
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN084898.D
Acq: 17 Nov 2024 16:24

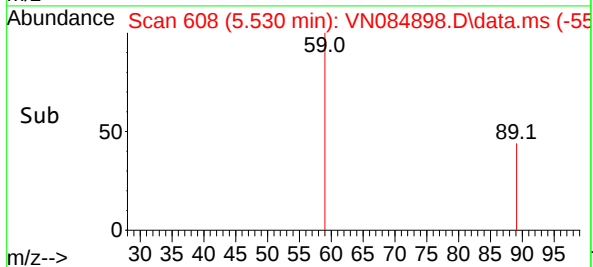
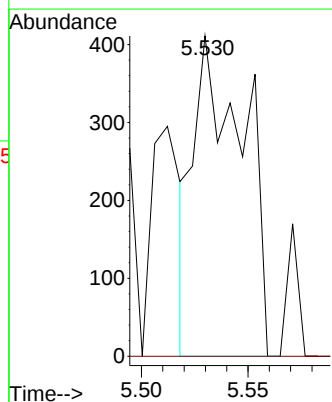
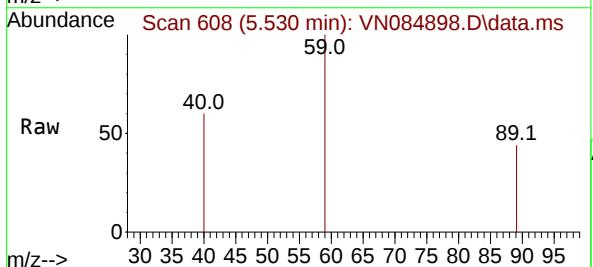
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-9-20241111

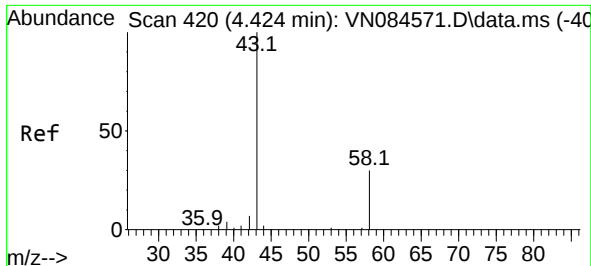
Tgt Ion: 64 Resp: 279
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#11
Tert butyl alcohol
Concen: 2.328 ug/l
RT: 5.530 min Scan# 608
Delta R.T. 0.006 min
Lab File: VN084898.D
Acq: 17 Nov 2024 16:24

Tgt Ion: 59 Resp: 661
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#16

Acetone

Concen: 1.052 ug/l

RT: 4.436 min Scan# 431

Delta R.T. 0.012 min

Lab File: VN084898.D

Acq: 17 Nov 2024 16:24

Instrument :

MSVOA_N

ClientSampleId :

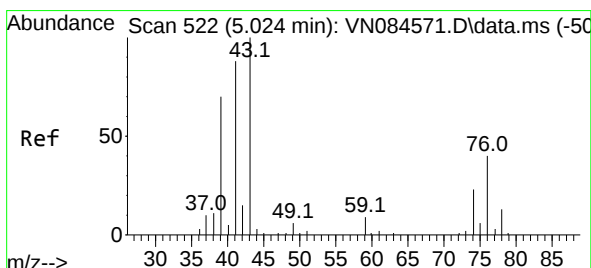
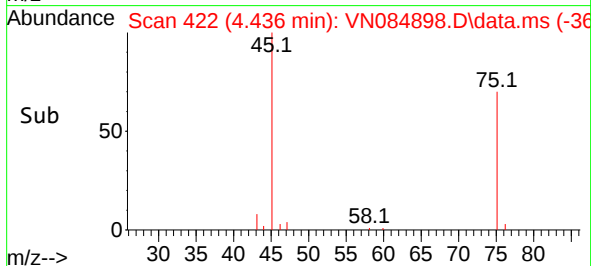
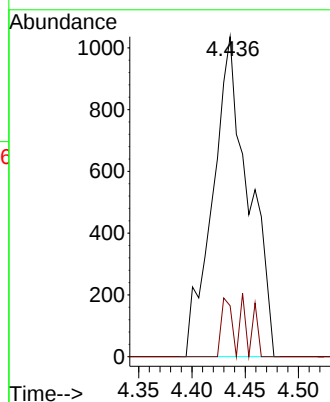
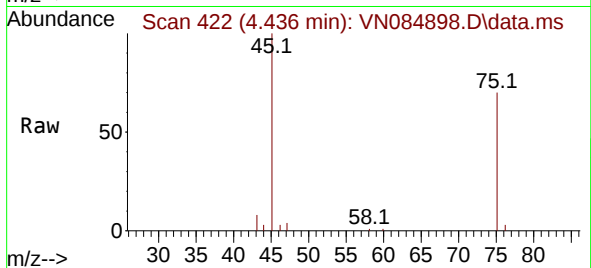
FSND-MW-9-20241111

Tgt Ion: 43 Resp: 2418

Ion Ratio Lower Upper

43 100

58 15.9 24.4 36.6#



#18

Methyl Acetate

Concen: Below Cal

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN084898.D

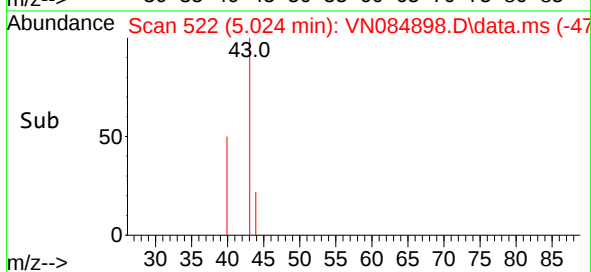
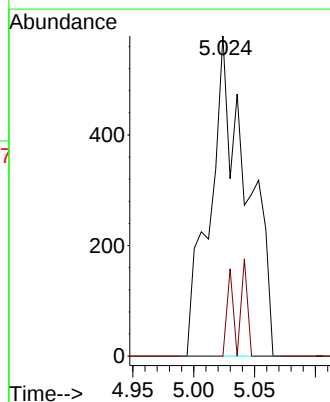
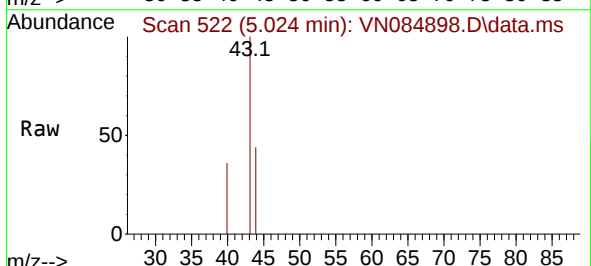
Acq: 17 Nov 2024 16:24

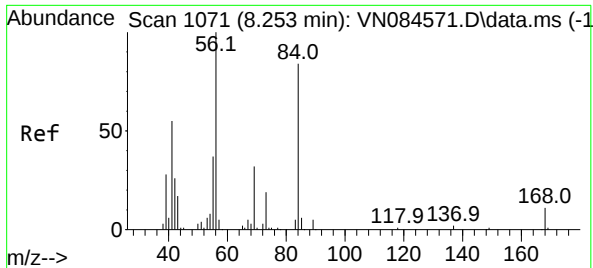
Tgt Ion: 43 Resp: 1220

Ion Ratio Lower Upper

43 100

74 9.7 19.2 28.8#

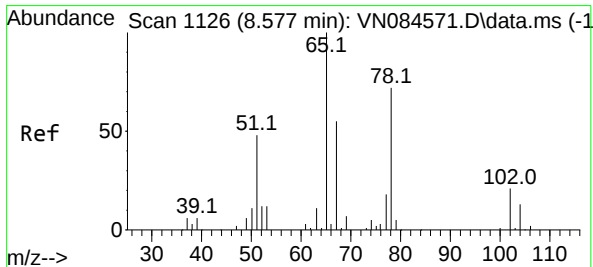
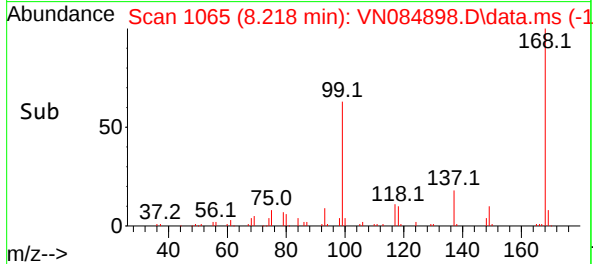
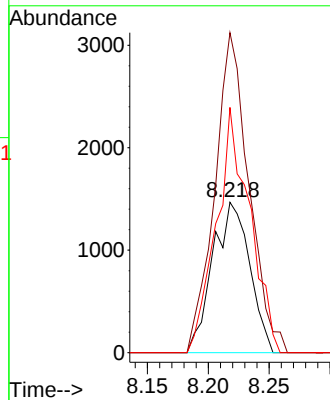
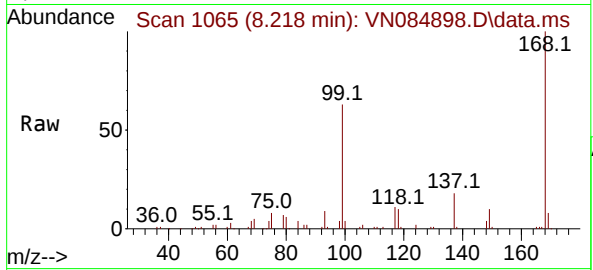




#31
Cyclohexane
Concen: 1.043 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084898.D
Acq: 17 Nov 2024 16:24

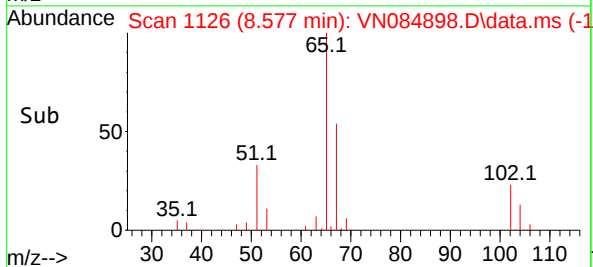
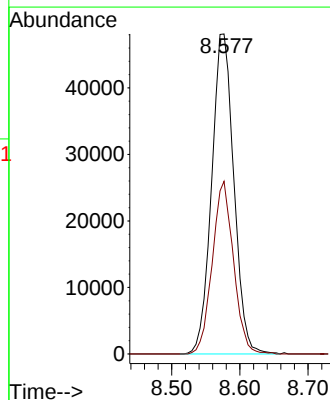
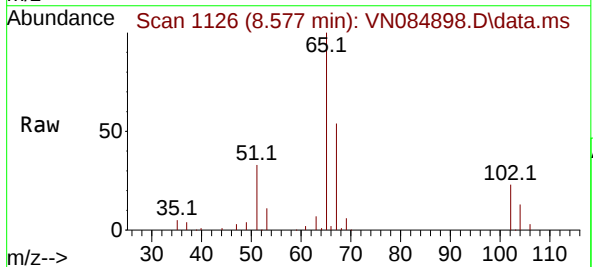
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-9-20241111

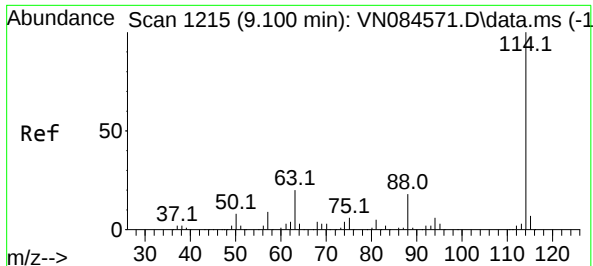
Tgt Ion: 56 Resp: 3097
Ion Ratio Lower Upper
56 100
69 212.7 23.8 35.6#
84 163.0 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 50.758 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084898.D
Acq: 17 Nov 2024 16:24

Tgt Ion: 65 Resp: 109168
Ion Ratio Lower Upper
65 100
67 51.5 0.0 102.0

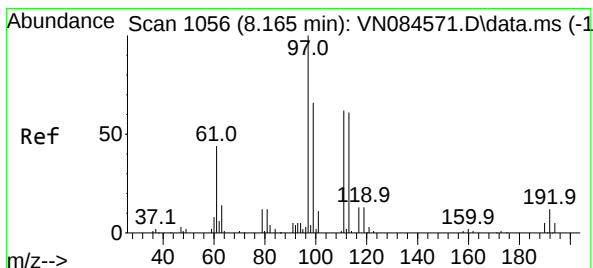
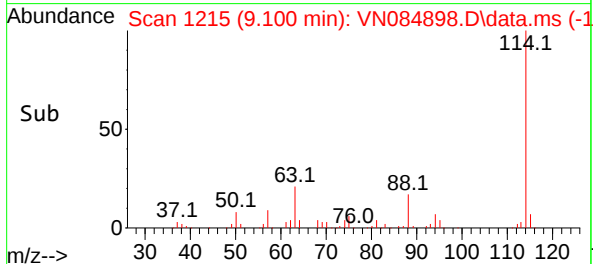
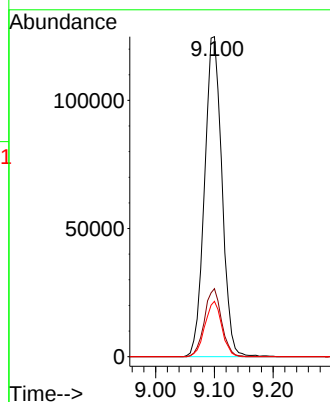
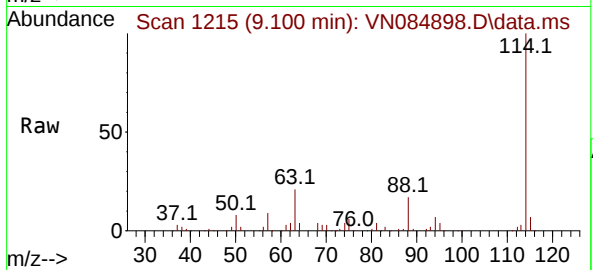




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084898.D
Acq: 17 Nov 2024 16:24

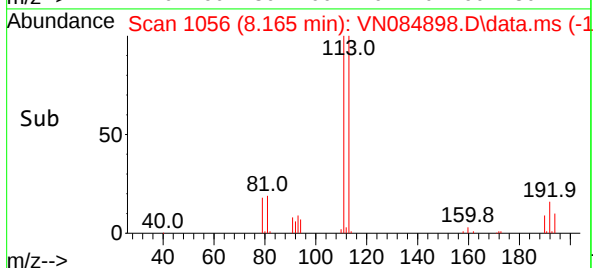
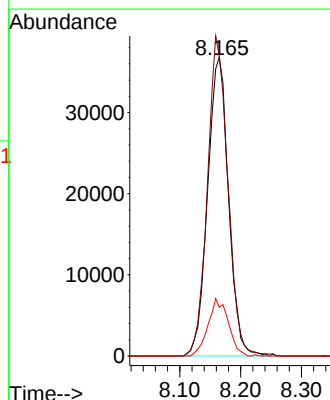
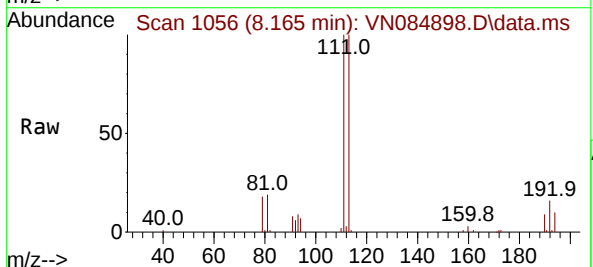
Instrument :
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ClientSampleId :
FSND-MW-9-20241111

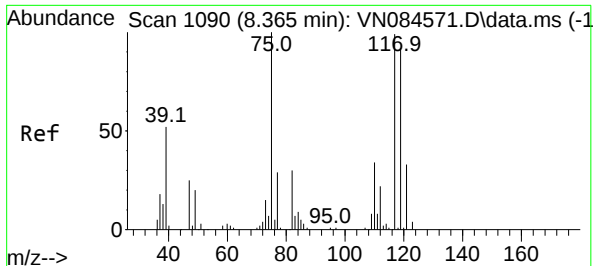
Tgt Ion:114 Resp: 256605
Ion Ratio Lower Upper
114 100
63 21.3 0.0 43.8
88 17.3 0.0 31.6



#35
Dibromofluoromethane
Concen: 50.627 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084898.D
Acq: 17 Nov 2024 16:24

Tgt Ion:113 Resp: 87934
Ion Ratio Lower Upper
113 100
111 104.4 83.3 124.9
192 18.5 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.047 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN084898.D

Acq: 17 Nov 2024 16:24

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-9-20241111

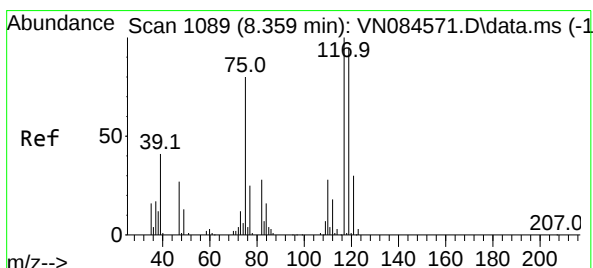
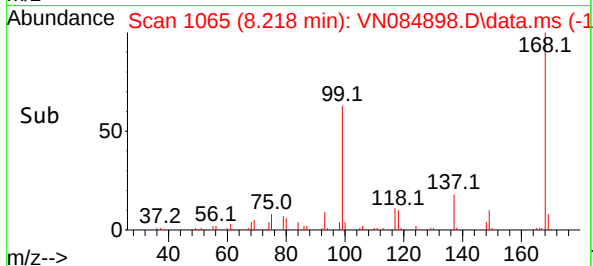
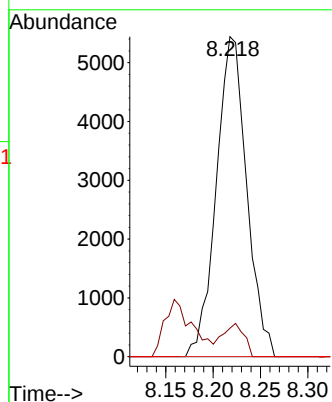
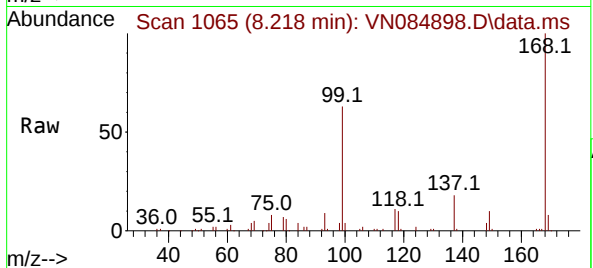
Tgt Ion: 75 Resp: 12158

Ion Ratio Lower Upper

75 100

110 7.3 16.9 50.7#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.987 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN084898.D

Acq: 17 Nov 2024 16:24

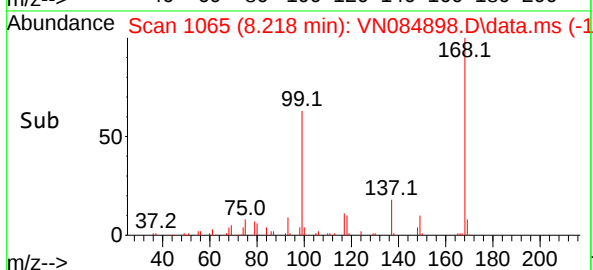
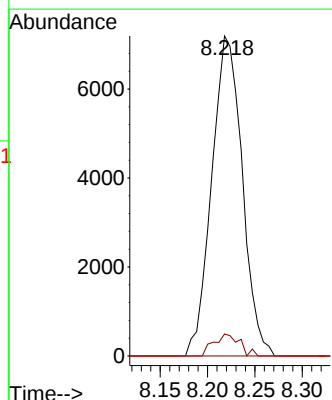
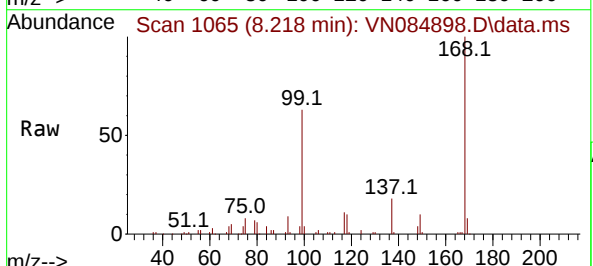
Tgt Ion: 117 Resp: 16119

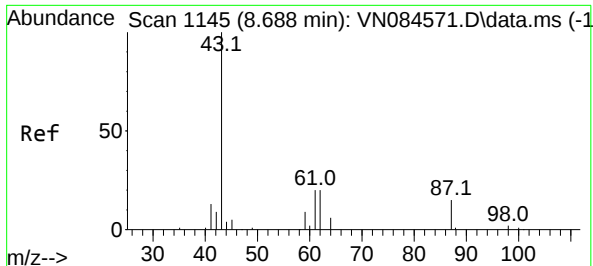
Ion Ratio Lower Upper

117 100

119 6.9 78.7 118.1#

121 0.0 24.4 36.6#

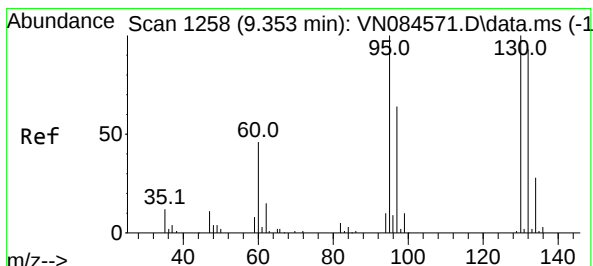
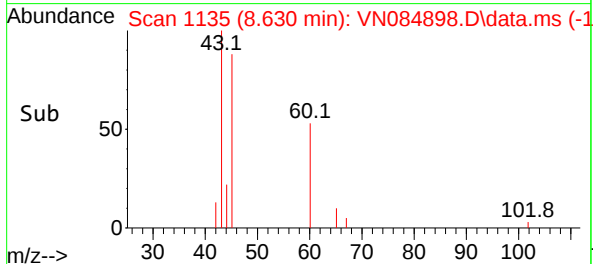
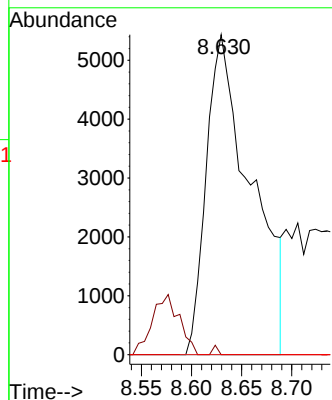
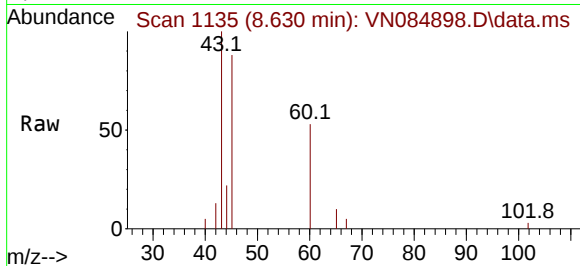




#43
Isopropyl Acetate
Concen: 3.281 ug/l
RT: 8.630 min Scan# 1145
Delta R.T. -0.058 min
Lab File: VN084898.D
Acq: 17 Nov 2024 16:24

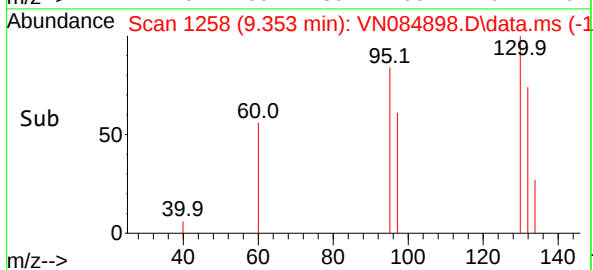
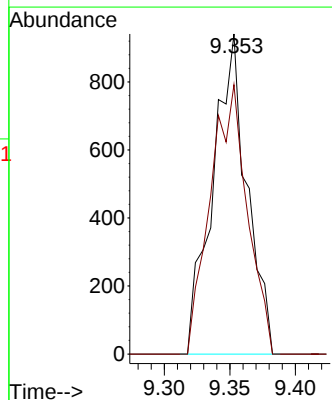
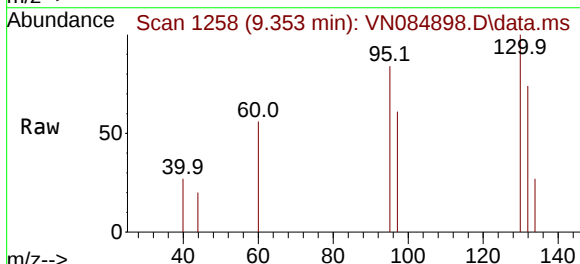
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-9-20241111

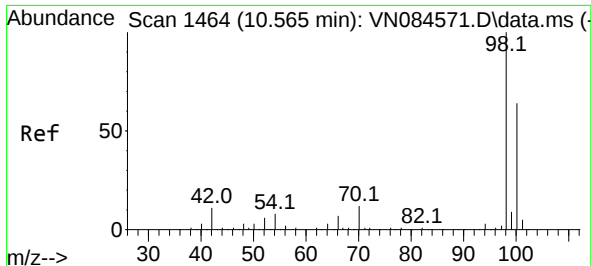
Tgt Ion: 43 Resp: 16888
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#



#44
Trichloroethene
Concen: 0.957 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN084898.D
Acq: 17 Nov 2024 16:24

Tgt Ion:130 Resp: 1707
Ion Ratio Lower Upper
130 100
95 84.2 0.0 203.0

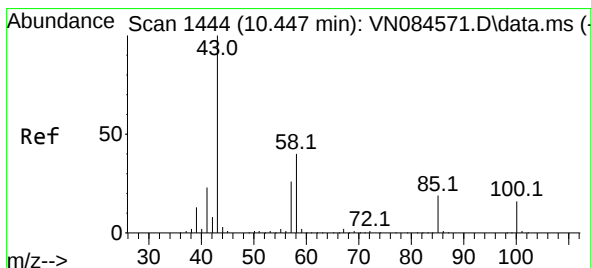
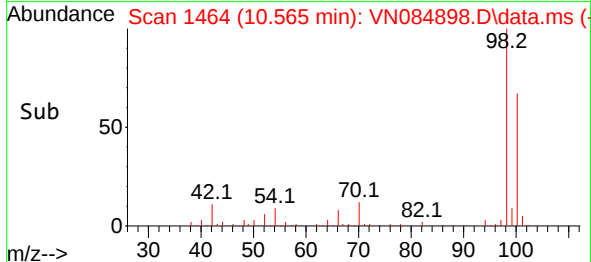
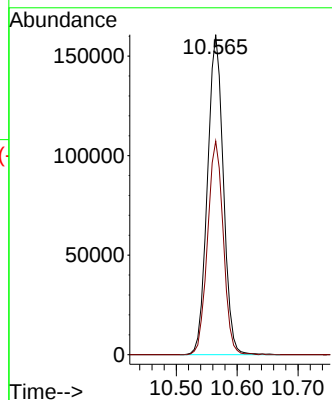
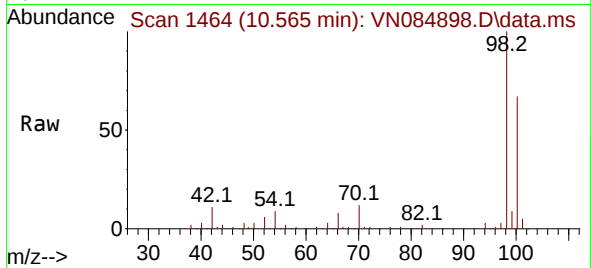




#50
Toluene-d8
Concen: 45.507 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084898.D
Acq: 17 Nov 2024 16:24

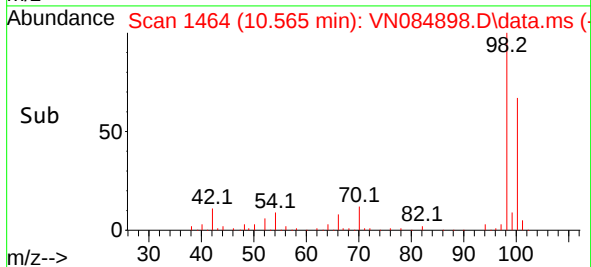
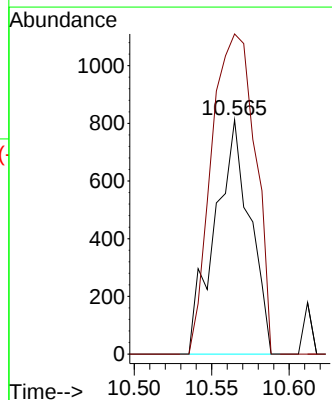
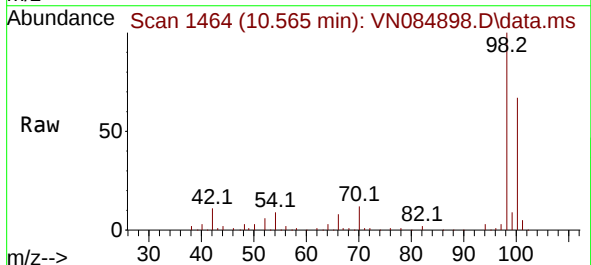
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-9-20241111

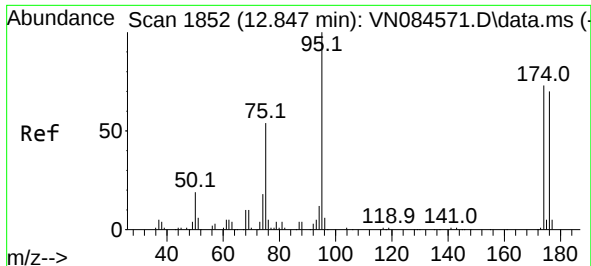
Tgt Ion: 98 Resp: 291164
Ion Ratio Lower Upper
98 100
100 66.1 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.614 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.124 min
Lab File: VN084898.D
Acq: 17 Nov 2024 16:24

Tgt Ion: 43 Resp: 1279
Ion Ratio Lower Upper
43 100
58 169.6 31.6 47.4#

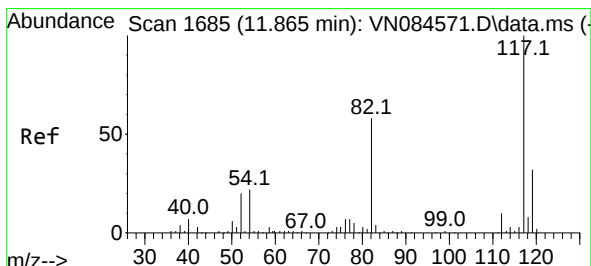
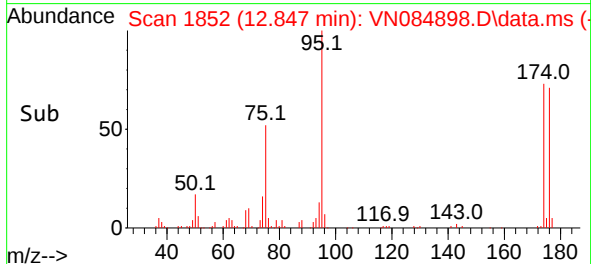
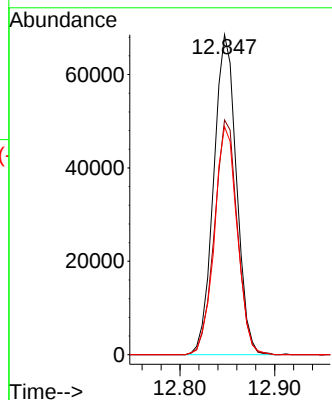
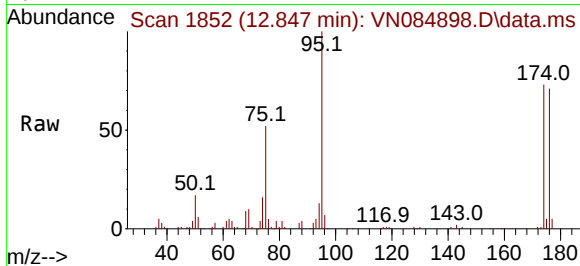




#62
4-Bromofluorobenzene
Concen: 47.872 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084898.D
Acq: 17 Nov 2024 16:24

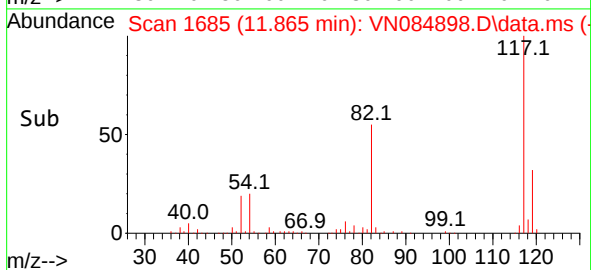
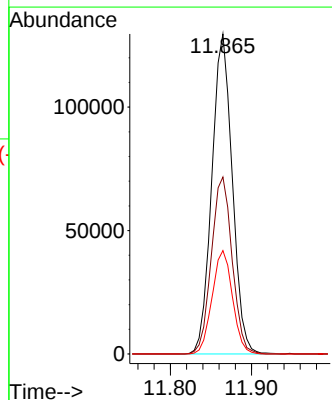
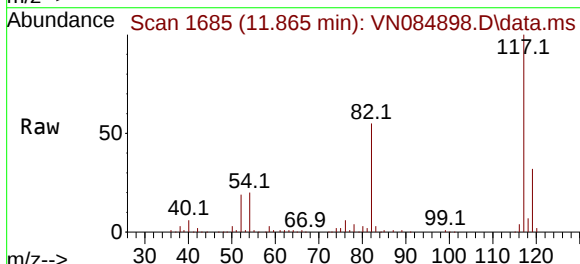
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-9-20241111

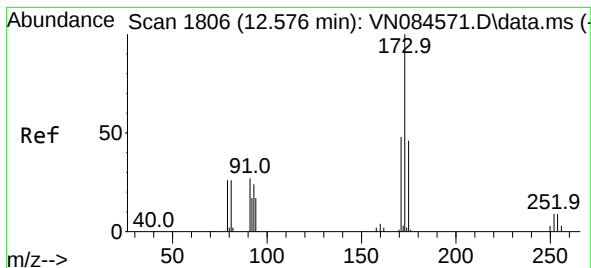
Tgt Ion: 95 Resp: 114472
Ion Ratio Lower Upper
95 100
174 73.7 0.0 145.2
176 71.7 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084898.D
Acq: 17 Nov 2024 16:24

Tgt Ion: 117 Resp: 226841
Ion Ratio Lower Upper
117 100
82 55.3 47.2 70.8
119 32.3 25.4 38.0





#71

Bromoform

Concen: 0.279 ug/l

RT: 12.847 min Scan# 1806

Delta R.T. 0.271 min

Lab File: VN084898.D

Acq: 17 Nov 2024 16:24

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-9-20241111

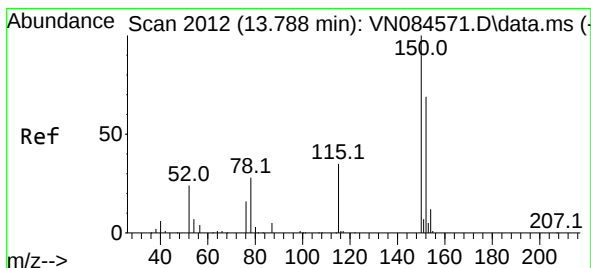
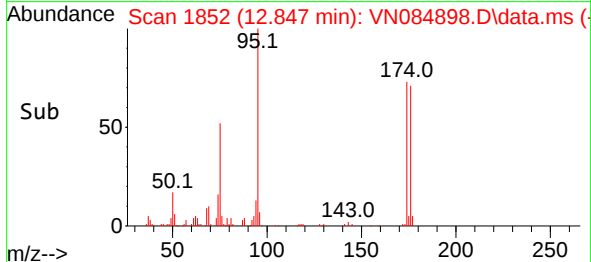
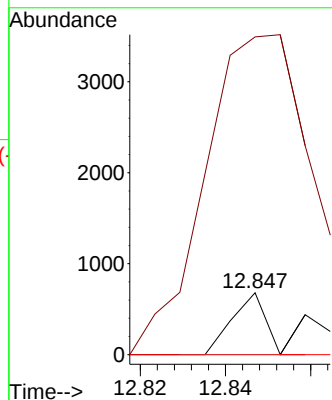
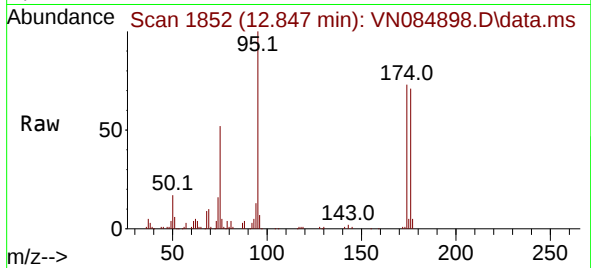
Tgt Ion:173 Resp: 371

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# 1212

Delta R.T. 0.000 min

Lab File: VN084898.D

Acq: 17 Nov 2024 16:24

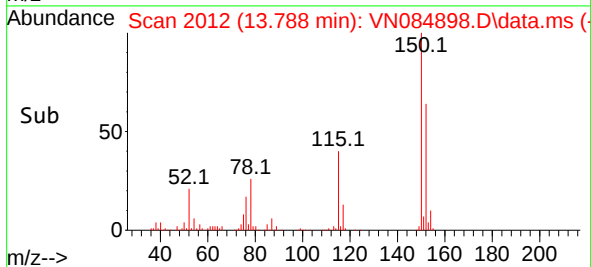
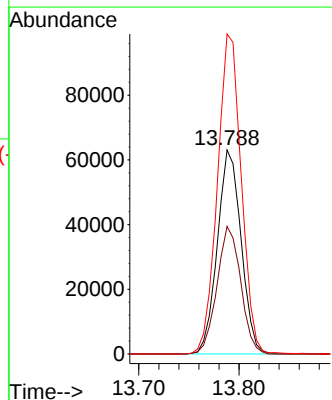
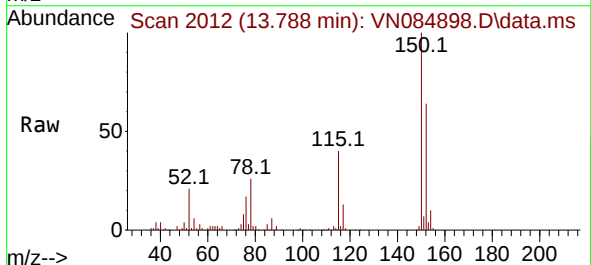
Tgt Ion:152 Resp: 103436

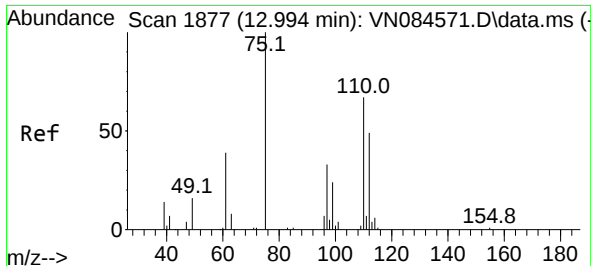
Ion Ratio Lower Upper

152 100

115 62.5 31.3 93.9

150 157.9 0.0 349.8

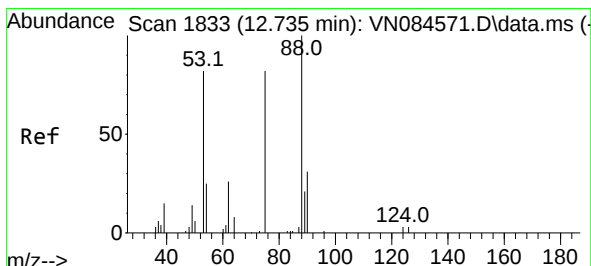
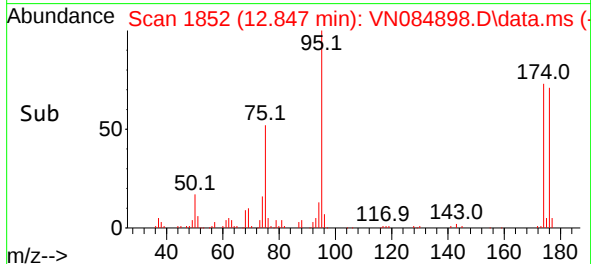
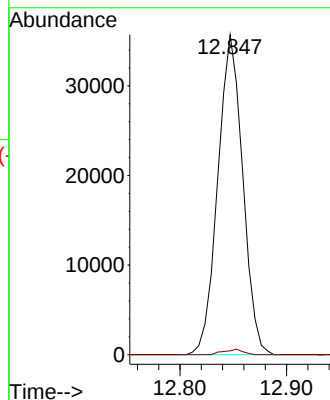
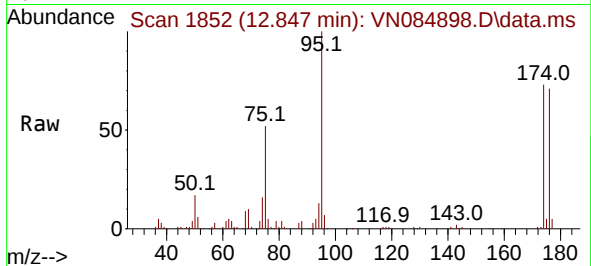




#76
1,2,3-Trichloropropane
Concen: 28.016 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084898.D
Acq: 17 Nov 2024 16:24

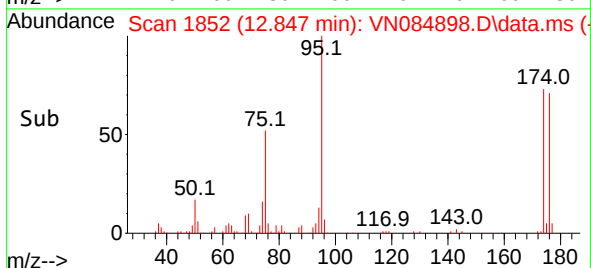
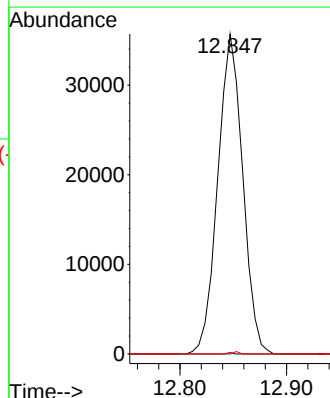
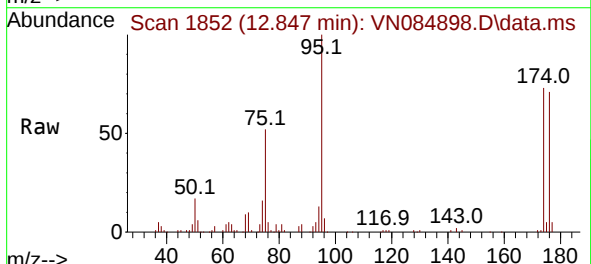
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-9-20241111

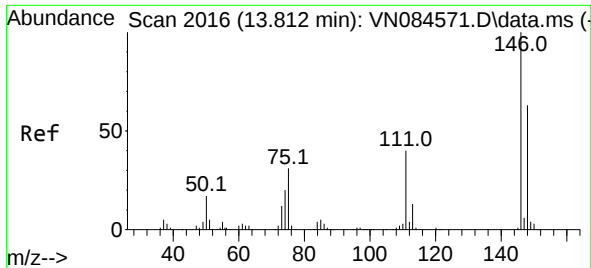
Tgt Ion: 75 Resp: 57926
Ion Ratio Lower Upper
75 100
77 1.3 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.464 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084898.D
Acq: 17 Nov 2024 16:24

Tgt Ion: 75 Resp: 57926
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.2 35.5 53.3#





#88

1,4-Dichlorobenzene

Concen: Below Cal

RT: 13.817 min Scan# 20

Delta R.T. 0.005 min

Lab File: VN084898.D

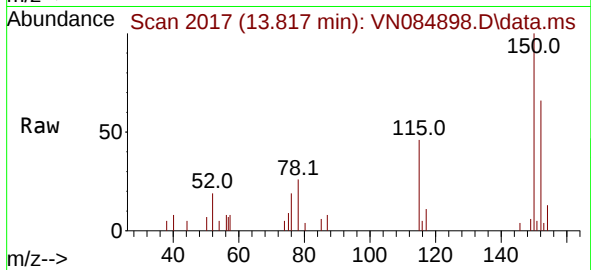
Acq: 17 Nov 2024 16:24

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-9-20241111



Tgt Ion:146 Resp: 63

Ion Ratio Lower Upper

146 100

111 0.0 21.2 63.6#

148 0.0 31.9 95.9#

