

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111724\
 Data File : VN084893.D
 Acq On : 17 Nov 2024 14:24
 Operator : JC\MD
 Sample : P4845-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-36-20241112

Quant Time: Nov 18 00:20:32 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)

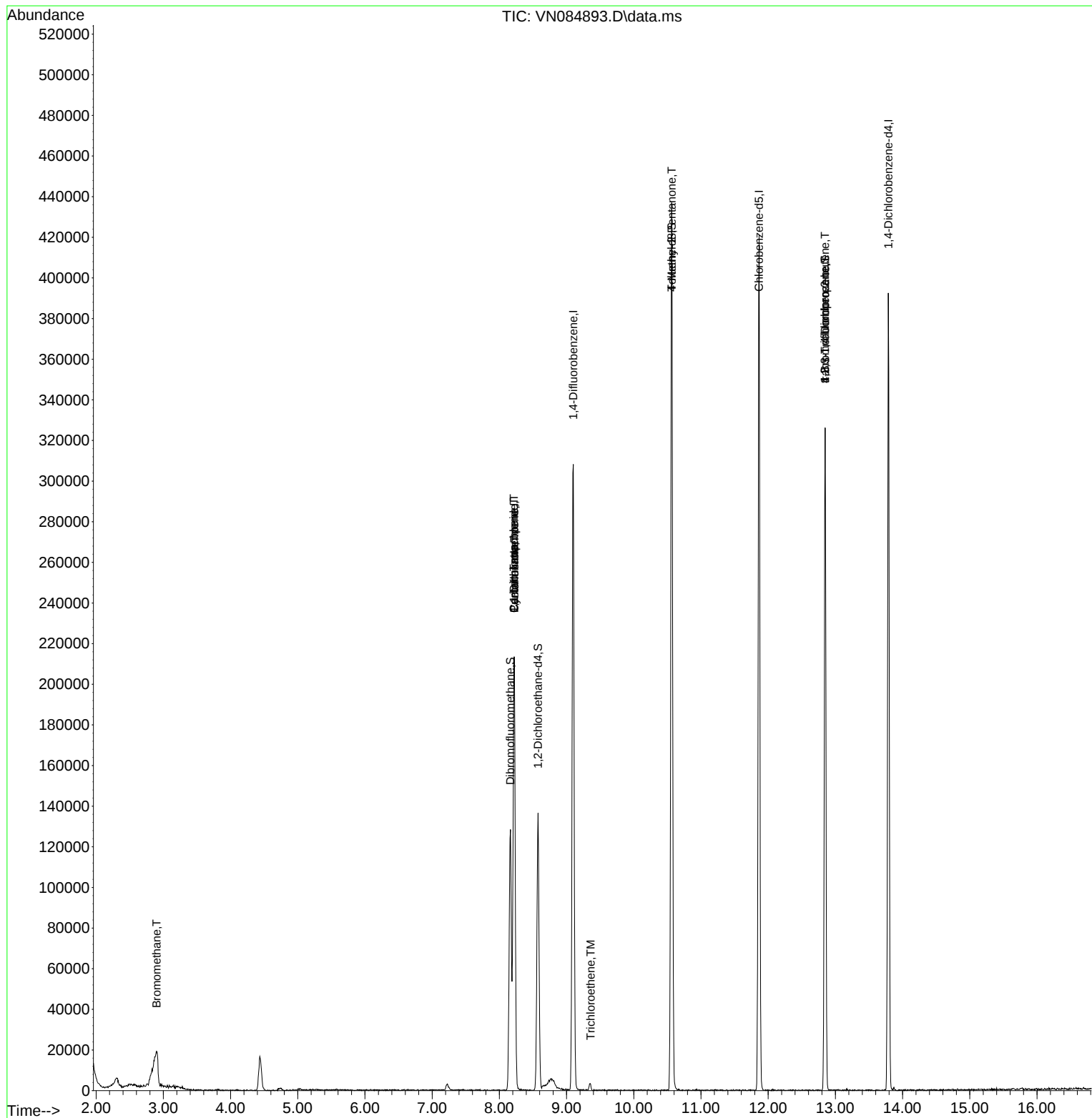
Internal Standards						
1) Pentafluorobenzene	8.224	168	157015	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	268537	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	236576	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	104156	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111684	49.247	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.500%
35) Dibromofluoromethane	8.165	113	90593	49.840	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.680%
50) Toluene-d8	10.565	98	307212	45.882	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.760%
62) 4-Bromofluorobenzene	12.847	95	113822	45.485	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.960%
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	677	Below Cal	#	41
5) Bromomethane	2.900	94	309	0.300	ug/l #	48
6) Chloroethane	3.106	64	379	Below Cal	#	45
16) Acetone	4.442	43	1210	Below Cal	#	44
18) Methyl Acetate	5.036	43	1301	Below Cal	#	51
31) Cyclohexane	8.224	56	3324	1.062	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	11873	4.710	ug/l #	54
38) Carbon Tetrachloride	8.218	117	16683	5.921	ug/l #	16
43) Isopropyl Acetate	8.665	43	1463	Below Cal	#	56
44) Trichloroethene	9.359	130	1238	0.663	ug/l	47
51) 4-Methyl-2-Pentanone	10.565	43	1213	0.556	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	60431	29.025	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	60431	68.859	ug/l #	11
88) 1,4-Dichlorobenzene	13.817	146	350	Below Cal	#	24

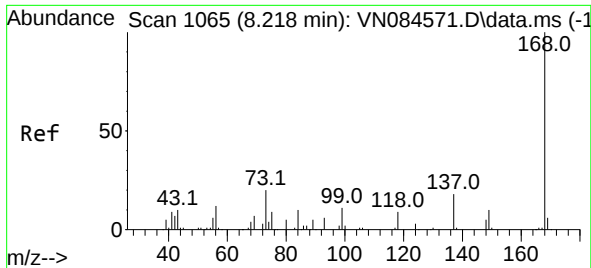
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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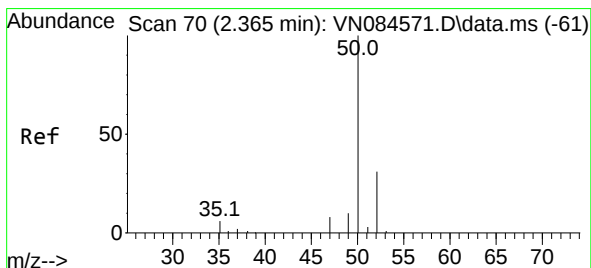
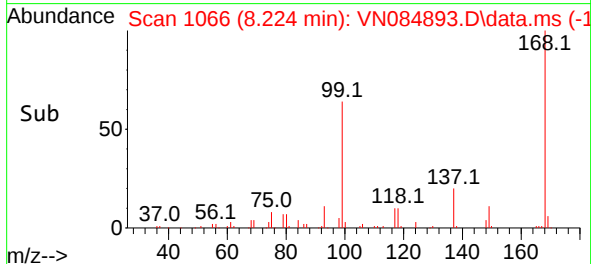
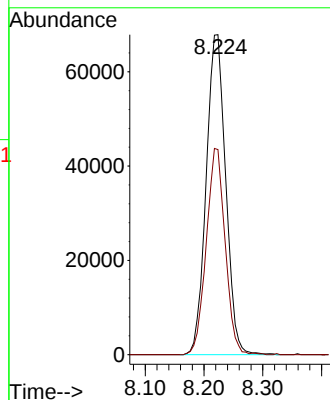
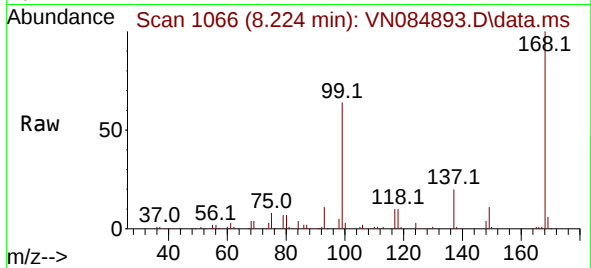




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084893.D
Acq: 17 Nov 2024 14:24

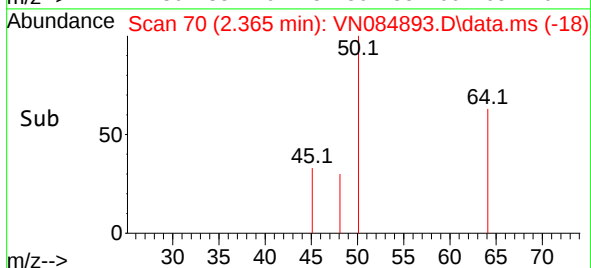
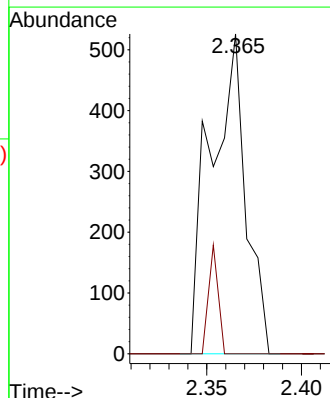
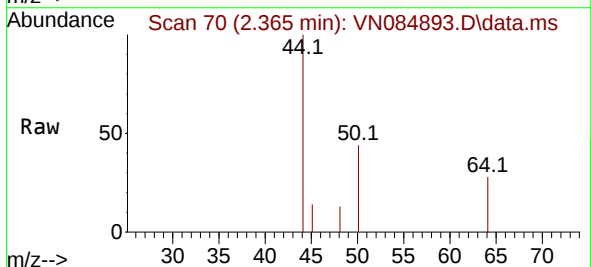
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-36-20241112

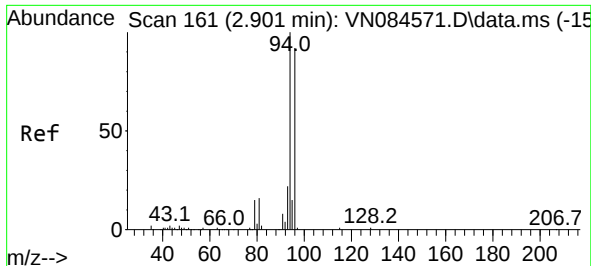
Tgt Ion:168 Resp: 157015
Ion Ratio Lower Upper
168 100
99 64.1 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084893.D
Acq: 17 Nov 2024 14:24

Tgt Ion: 50 Resp: 677
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

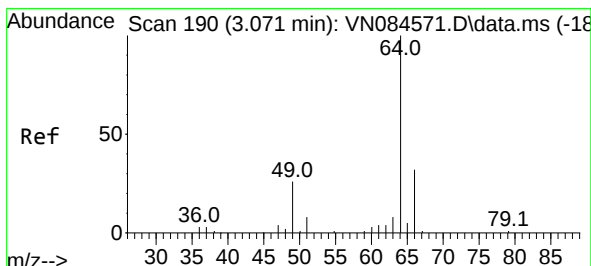
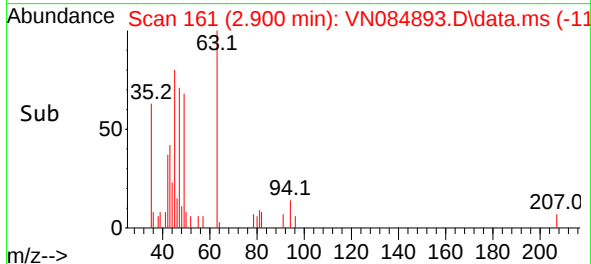
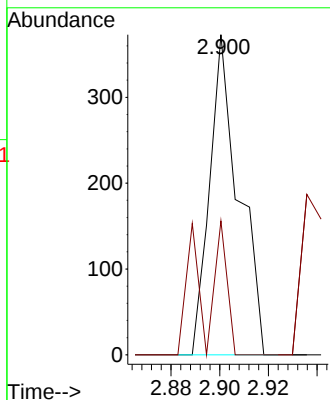
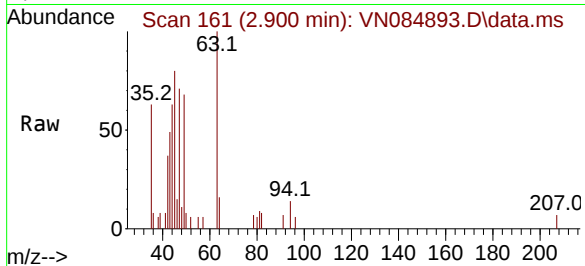




#5
Bromomethane
Concen: 0.300 ug/l
RT: 2.900 min Scan# 11
Delta R.T. -0.053 min
Lab File: VN084893.D
Acq: 17 Nov 2024 14:24

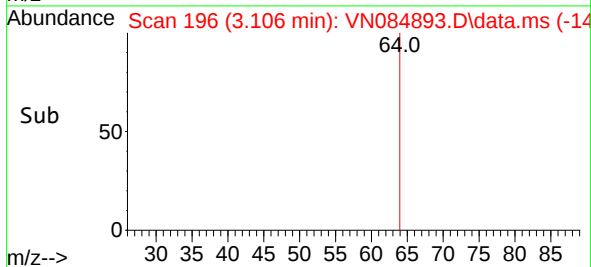
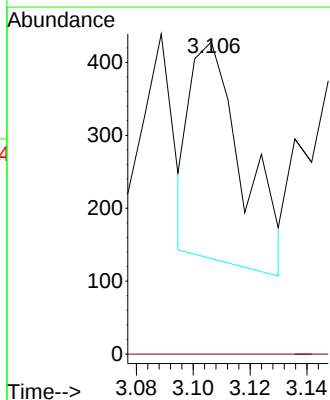
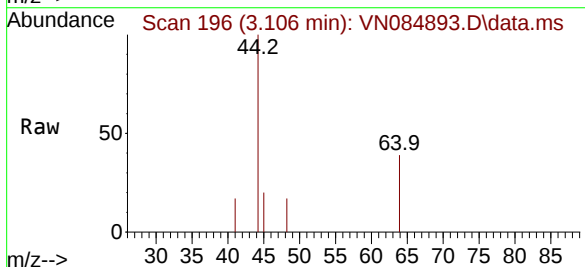
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-36-20241112

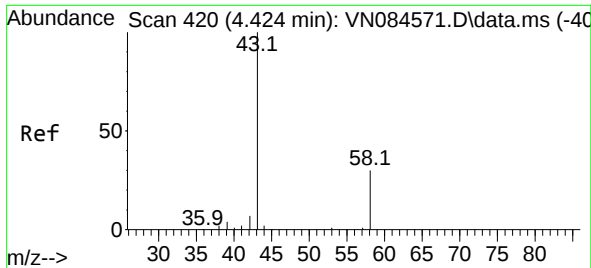
Tgt Ion: 94 Resp: 309
Ion Ratio Lower Upper
94 100
96 41.8 72.9 109.3#



#6
Chloroethane
Concen: Below Cal
RT: 3.106 min Scan# 196
Delta R.T. -0.012 min
Lab File: VN084893.D
Acq: 17 Nov 2024 14:24

Tgt Ion: 64 Resp: 379
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#





#16

Acetone

Concen: Below Cal

RT: 4.442 min Scan# 41

Delta R.T. 0.018 min

Lab File: VN084893.D

Acq: 17 Nov 2024 14:24

Instrument :

MSVOA_N

ClientSampleId :

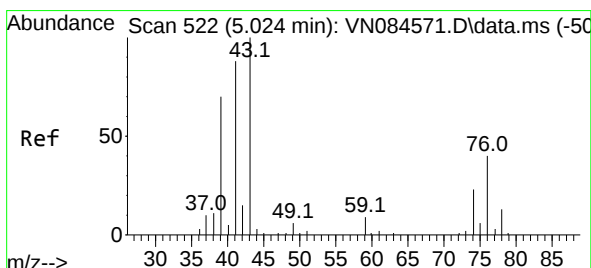
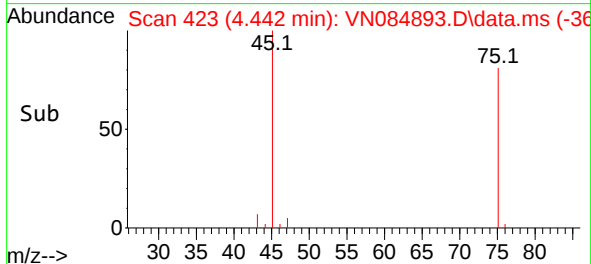
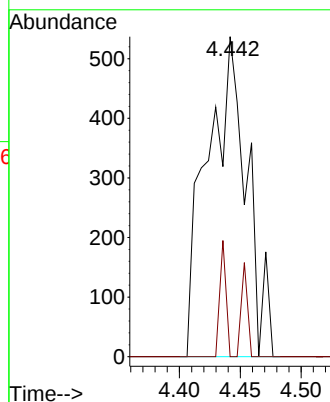
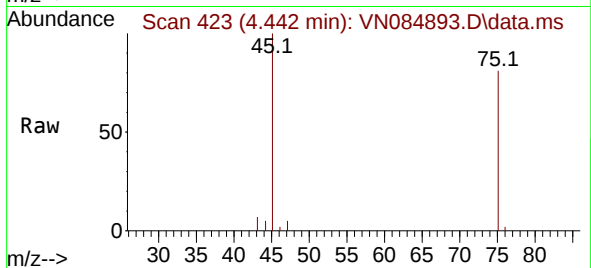
FSND-MW-36-20241112

Tgt Ion: 43 Resp: 1210

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: VN084893.D

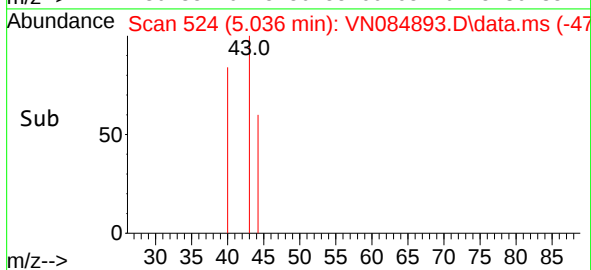
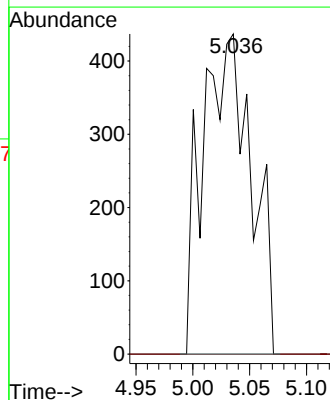
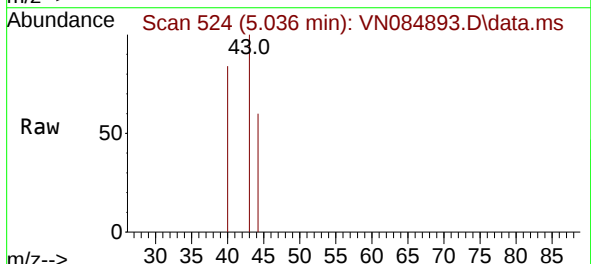
Acq: 17 Nov 2024 14:24

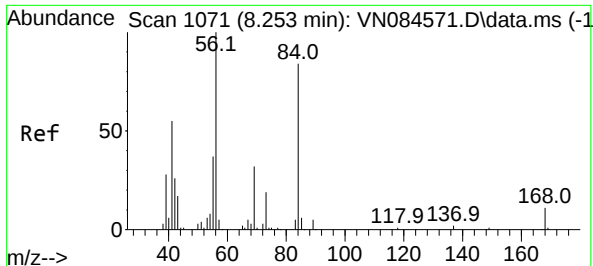
Tgt Ion: 43 Resp: 1301

Ion Ratio Lower Upper

43 100

74 0.0 19.2 28.8#

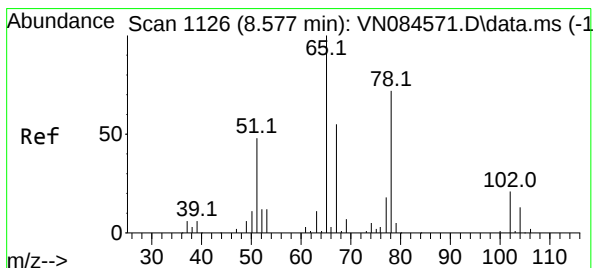
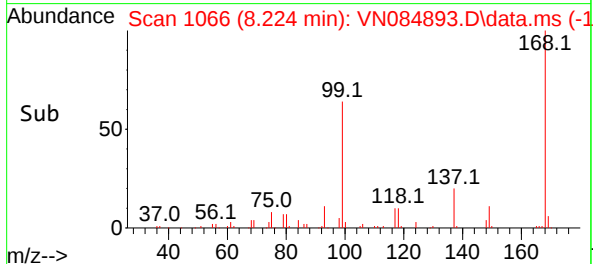
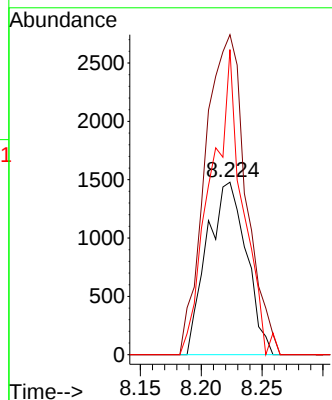
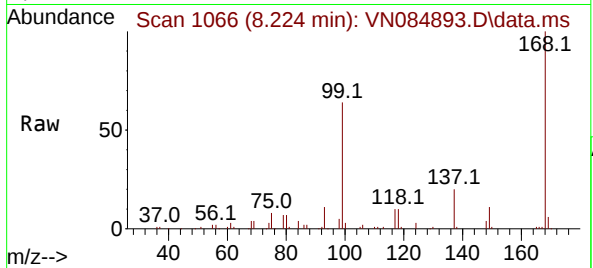




#31
Cyclohexane
Concen: 1.062 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084893.D
Acq: 17 Nov 2024 14:24

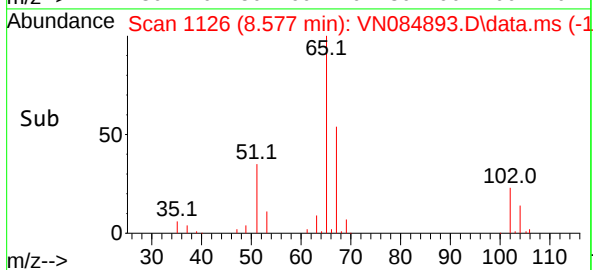
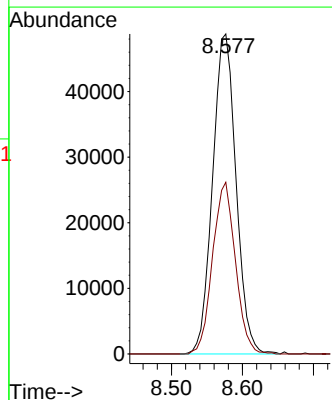
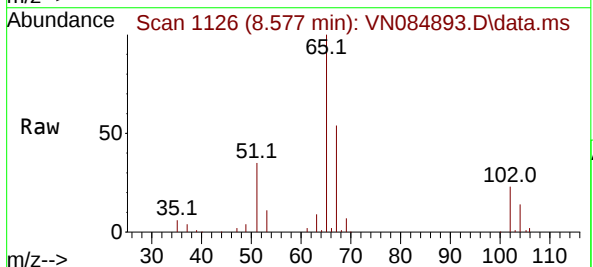
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-36-20241112

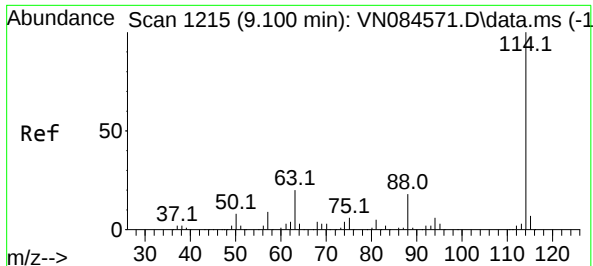
Tgt Ion: 56 Resp: 3324
Ion Ratio Lower Upper
56 100
69 185.5 23.8 35.6#
84 176.8 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 49.247 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084893.D
Acq: 17 Nov 2024 14:24

Tgt Ion: 65 Resp: 111684
Ion Ratio Lower Upper
65 100
67 52.3 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: VN084893.D

Acq: 17 Nov 2024 14:24

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-36-20241112

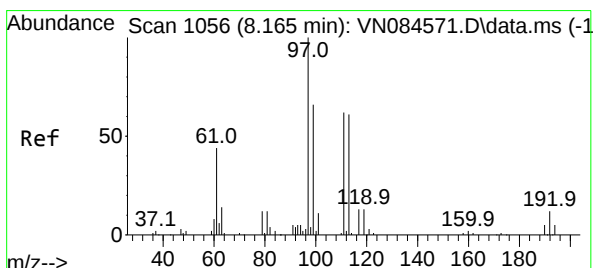
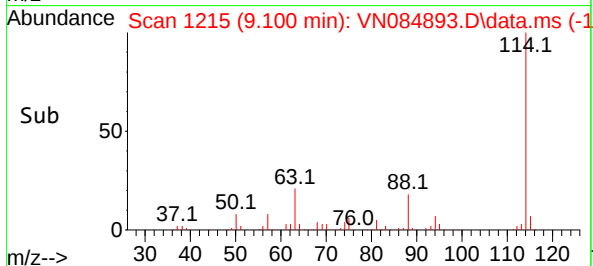
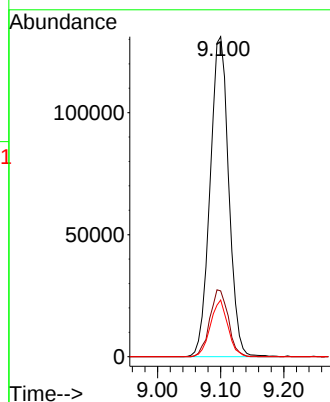
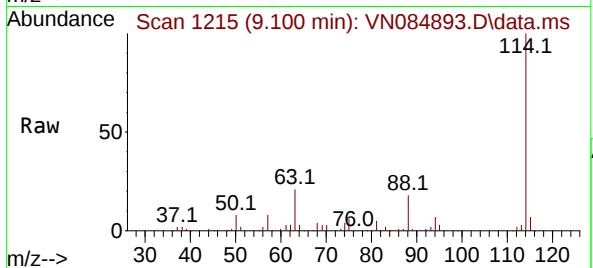
Tgt Ion:114 Resp: 268537

Ion Ratio Lower Upper

114 100

63 20.6 0.0 43.8

88 17.7 0.0 31.6



#35

Dibromofluoromethane

Concen: 49.840 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084893.D

Acq: 17 Nov 2024 14:24

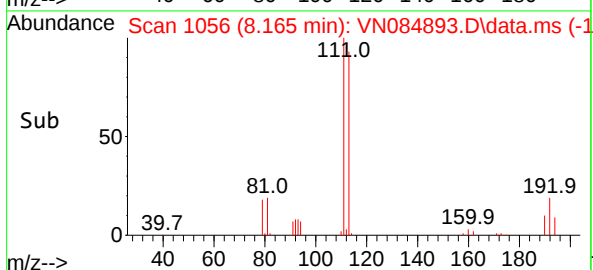
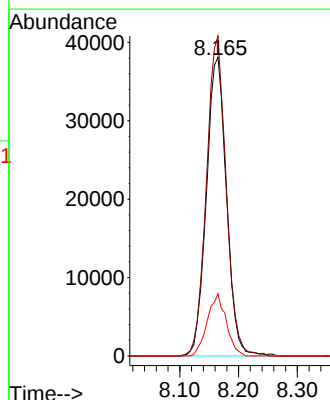
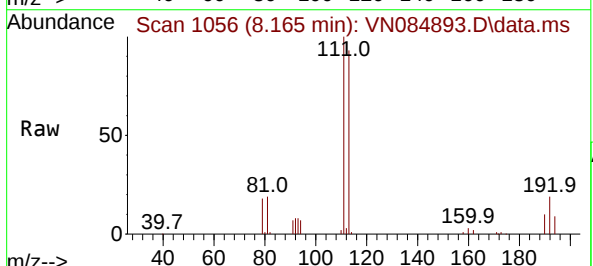
Tgt Ion:113 Resp: 90593

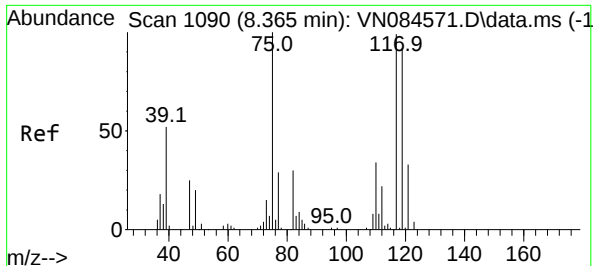
Ion Ratio Lower Upper

113 100

111 105.0 83.3 124.9

192 19.5 13.5 20.3





#36

1,1-Dichloropropene

Concen: 4.710 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN084893.D

Acq: 17 Nov 2024 14:24

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-36-20241112

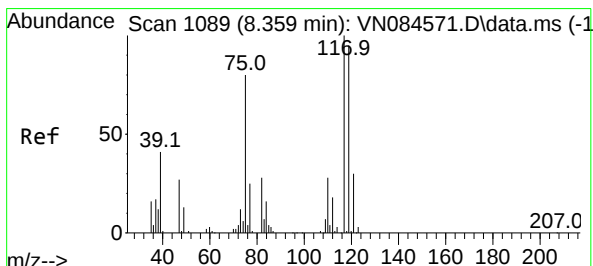
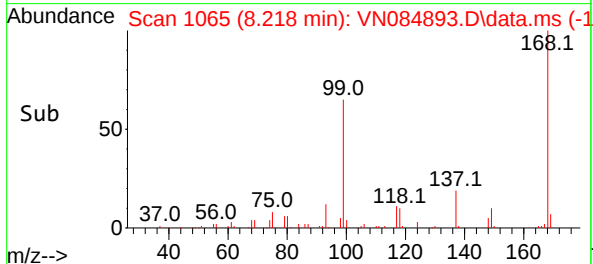
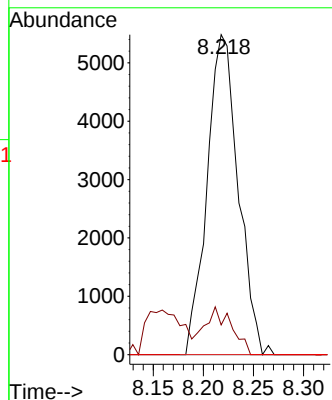
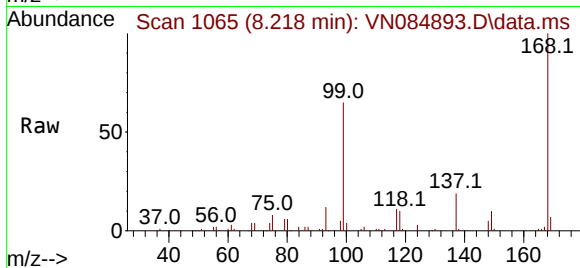
Tgt Ion: 75 Resp: 11873

Ion Ratio Lower Upper

75 100

110 13.1 16.9 50.7#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.921 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.141 min

Lab File: VN084893.D

Acq: 17 Nov 2024 14:24

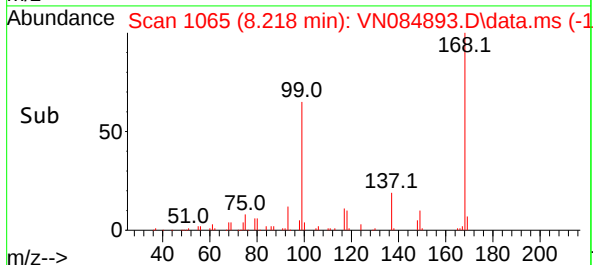
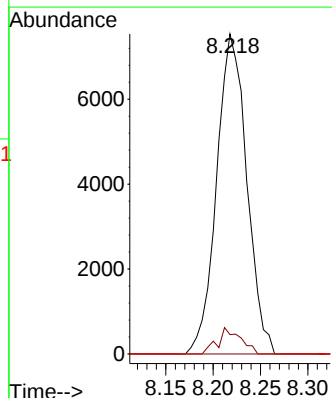
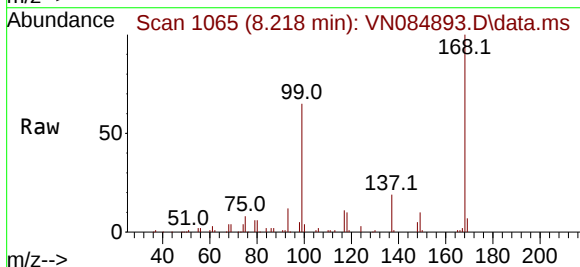
Tgt Ion: 117 Resp: 16683

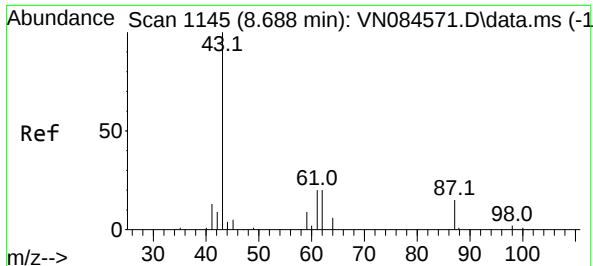
Ion Ratio Lower Upper

117 100

119 6.1 78.7 118.1#

121 0.0 24.4 36.6#

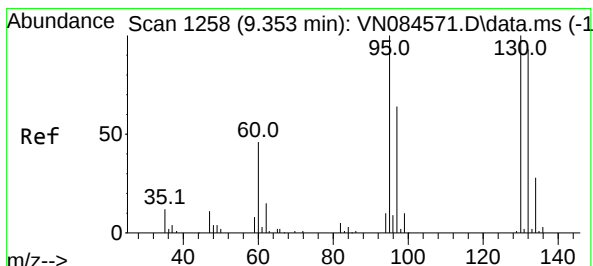
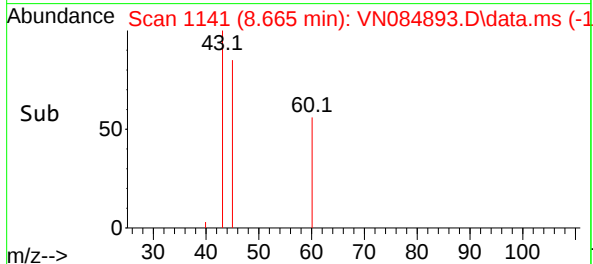
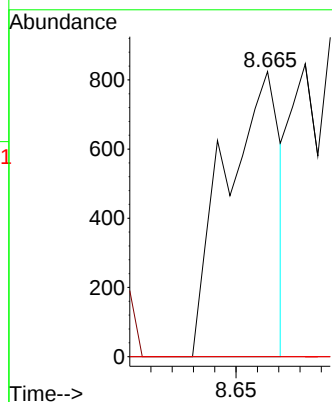
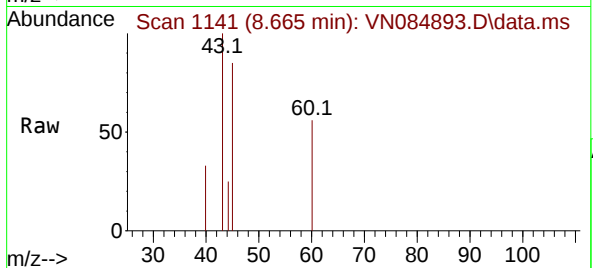




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.665 min Scan# 1145
Delta R.T. -0.023 min
Lab File: VN084893.D
Acq: 17 Nov 2024 14:24

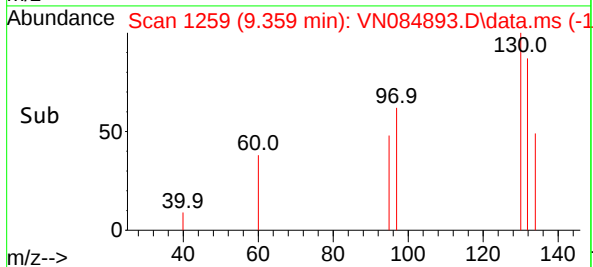
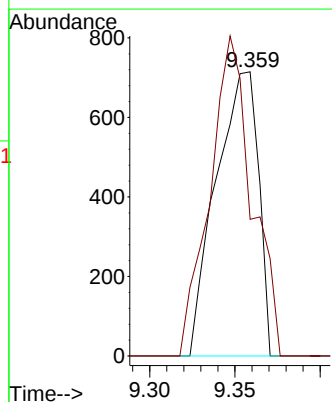
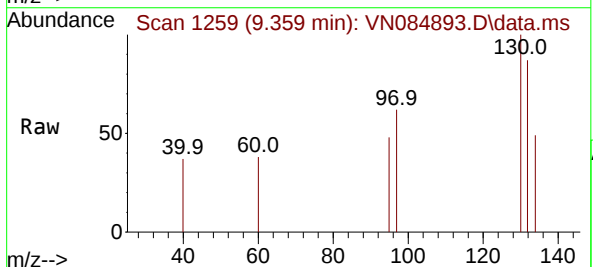
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-36-20241112

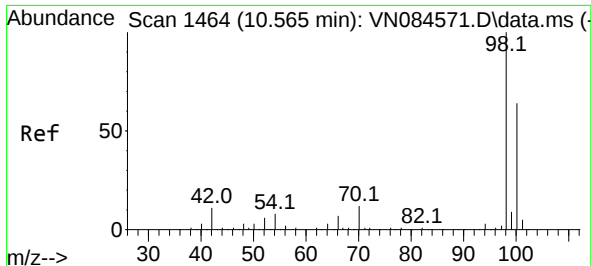
Tgt Ion: 43 Resp: 1463
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#



#44
Trichloroethene
Concen: 0.663 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.012 min
Lab File: VN084893.D
Acq: 17 Nov 2024 14:24

Tgt Ion: 130 Resp: 1238
Ion Ratio Lower Upper
130 100
95 48.1 0.0 203.0

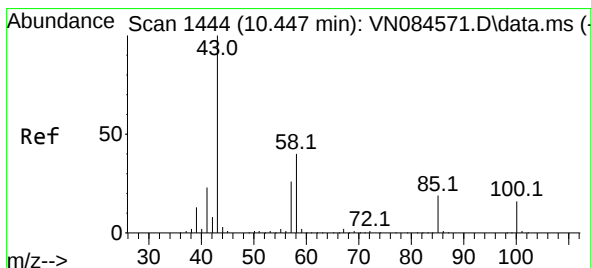
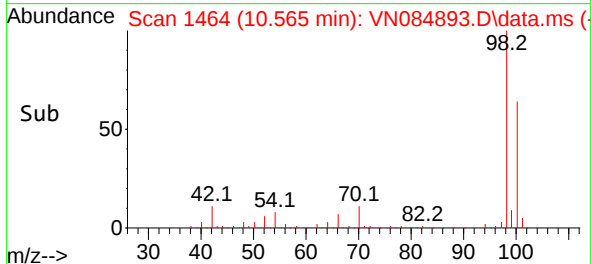
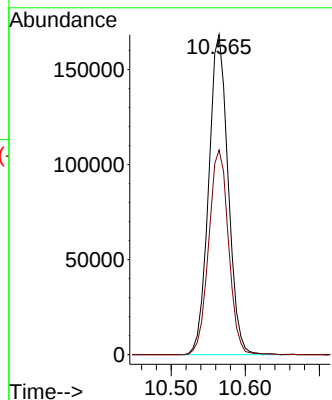
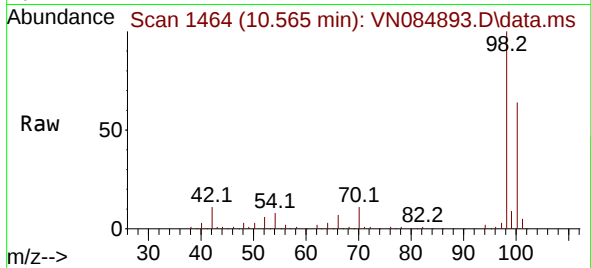




#50
Toluene-d8
Concen: 45.882 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084893.D
Acq: 17 Nov 2024 14:24

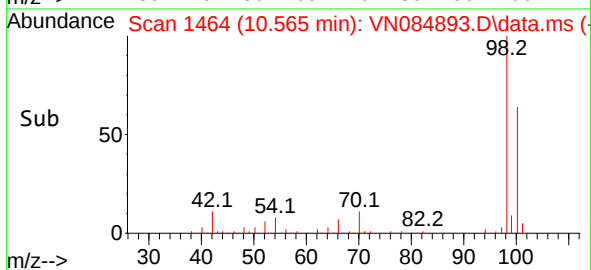
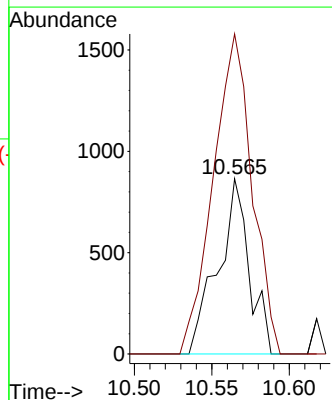
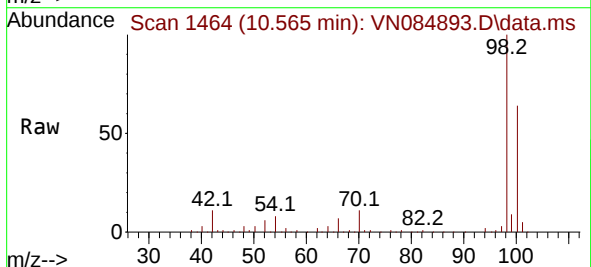
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-36-20241112

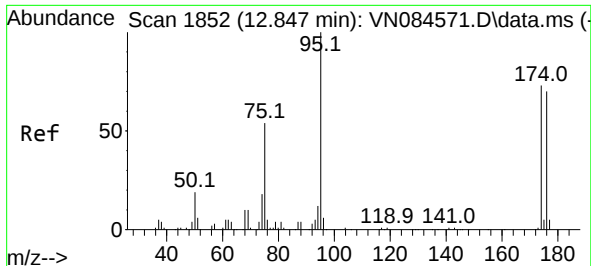
Tgt Ion: 98 Resp: 307212
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.556 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.123 min
Lab File: VN084893.D
Acq: 17 Nov 2024 14:24

Tgt Ion: 43 Resp: 1213
Ion Ratio Lower Upper
43 100
58 227.3 31.6 47.4#

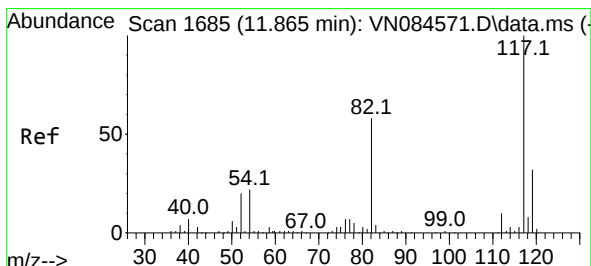
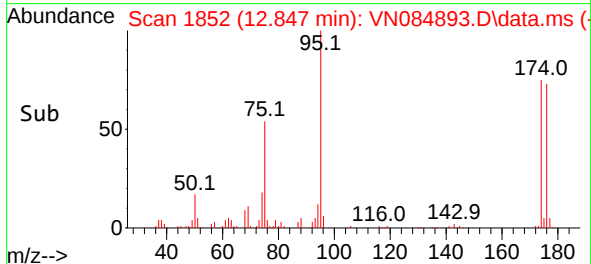
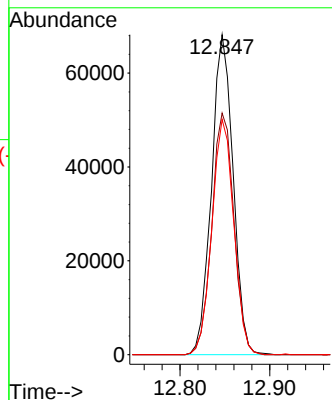
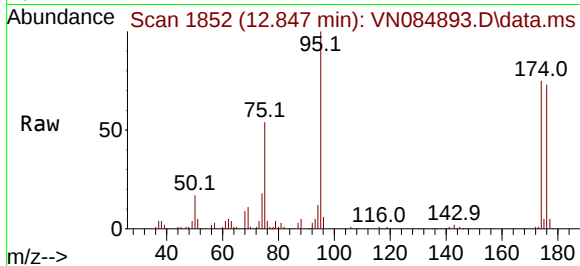




#62
4-Bromofluorobenzene
Concen: 45.485 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084893.D
Acq: 17 Nov 2024 14:24

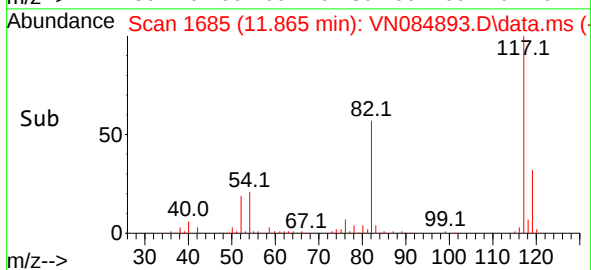
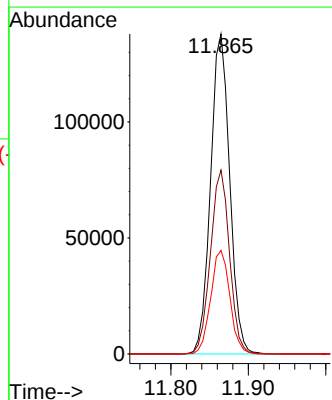
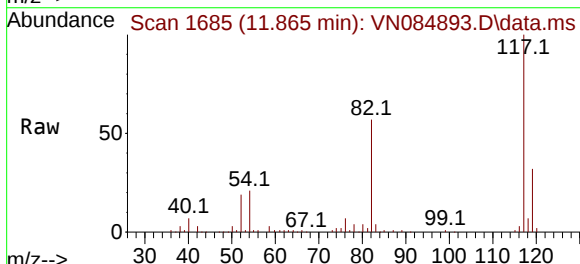
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-36-20241112

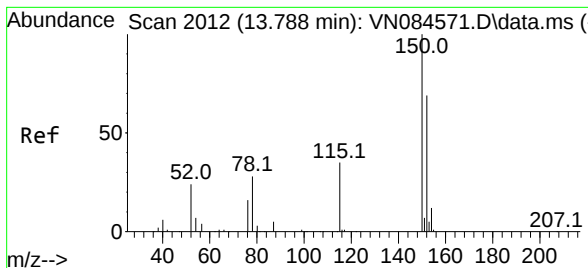
Tgt Ion: 95 Resp: 113822
Ion Ratio Lower Upper
95 100
174 77.1 0.0 145.2
176 74.7 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084893.D
Acq: 17 Nov 2024 14:24

Tgt Ion: 117 Resp: 236576
Ion Ratio Lower Upper
117 100
82 57.5 47.2 70.8
119 32.4 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: VN084893.D

Acq: 17 Nov 2024 14:24

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-36-20241112

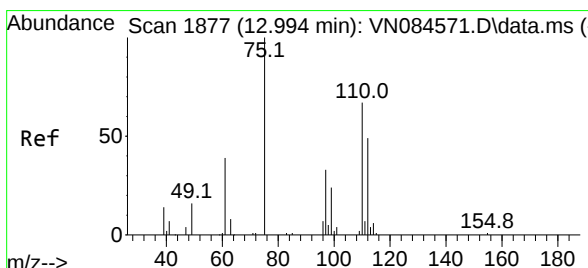
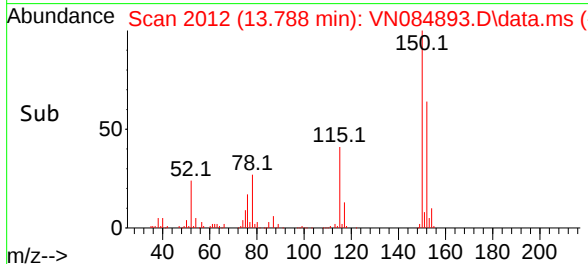
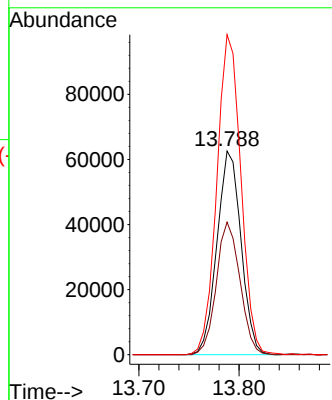
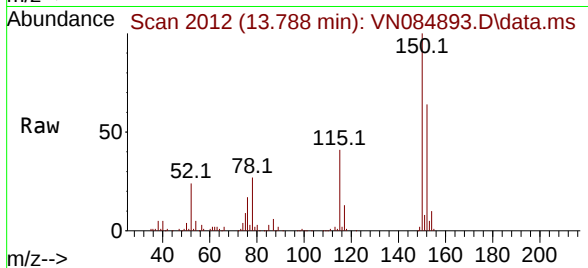
Tgt Ion:152 Resp: 104156

Ion Ratio Lower Upper

152 100

115 63.9 31.3 93.9

150 157.0 0.0 349.8



#76

1,2,3-Trichloropropane

Concen: 29.025 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN084893.D

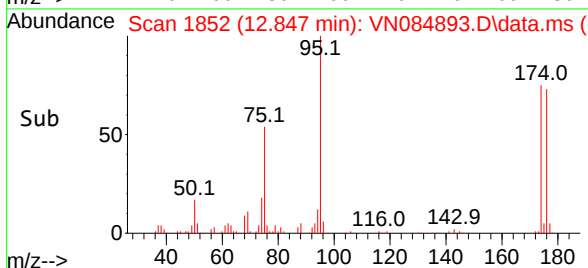
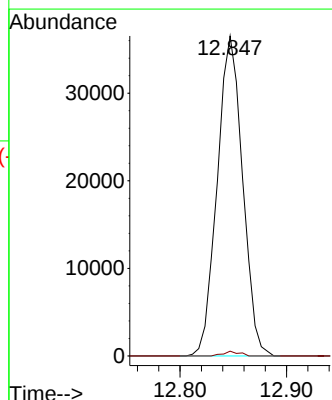
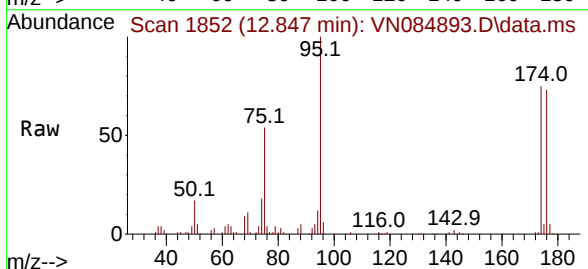
Acq: 17 Nov 2024 14:24

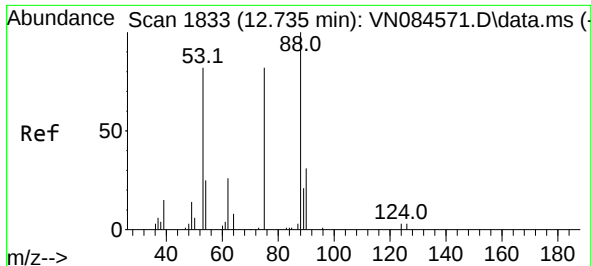
Tgt Ion: 75 Resp: 60431

Ion Ratio Lower Upper

75 100

77 0.9 96.9 290.7#

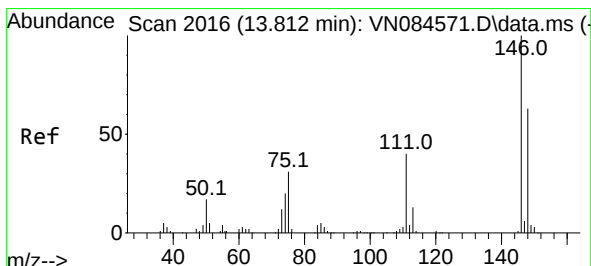
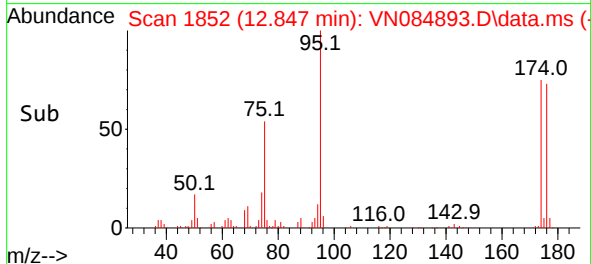
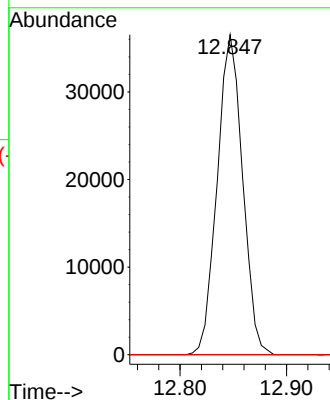
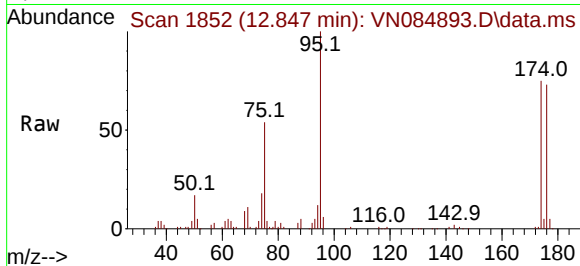




#81
trans-1,4-Dichloro-2-butene
Concen: 68.859 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084893.D
Acq: 17 Nov 2024 14:24

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-36-20241112

Tgt Ion: 75 Resp: 60431
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#



#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 13.817 min Scan# 2017
Delta R.T. 0.005 min
Lab File: VN084893.D
Acq: 17 Nov 2024 14:24

Tgt Ion:146 Resp: 350
Ion Ratio Lower Upper
146 100
111 0.0 21.2 63.6#
148 0.0 31.9 95.9#

