

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111724\
 Data File : VN084892.D
 Acq On : 17 Nov 2024 14:00
 Operator : JC\MD
 Sample : P4845-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-B-3-20241112

Quant Time: Nov 18 00:20:07 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)

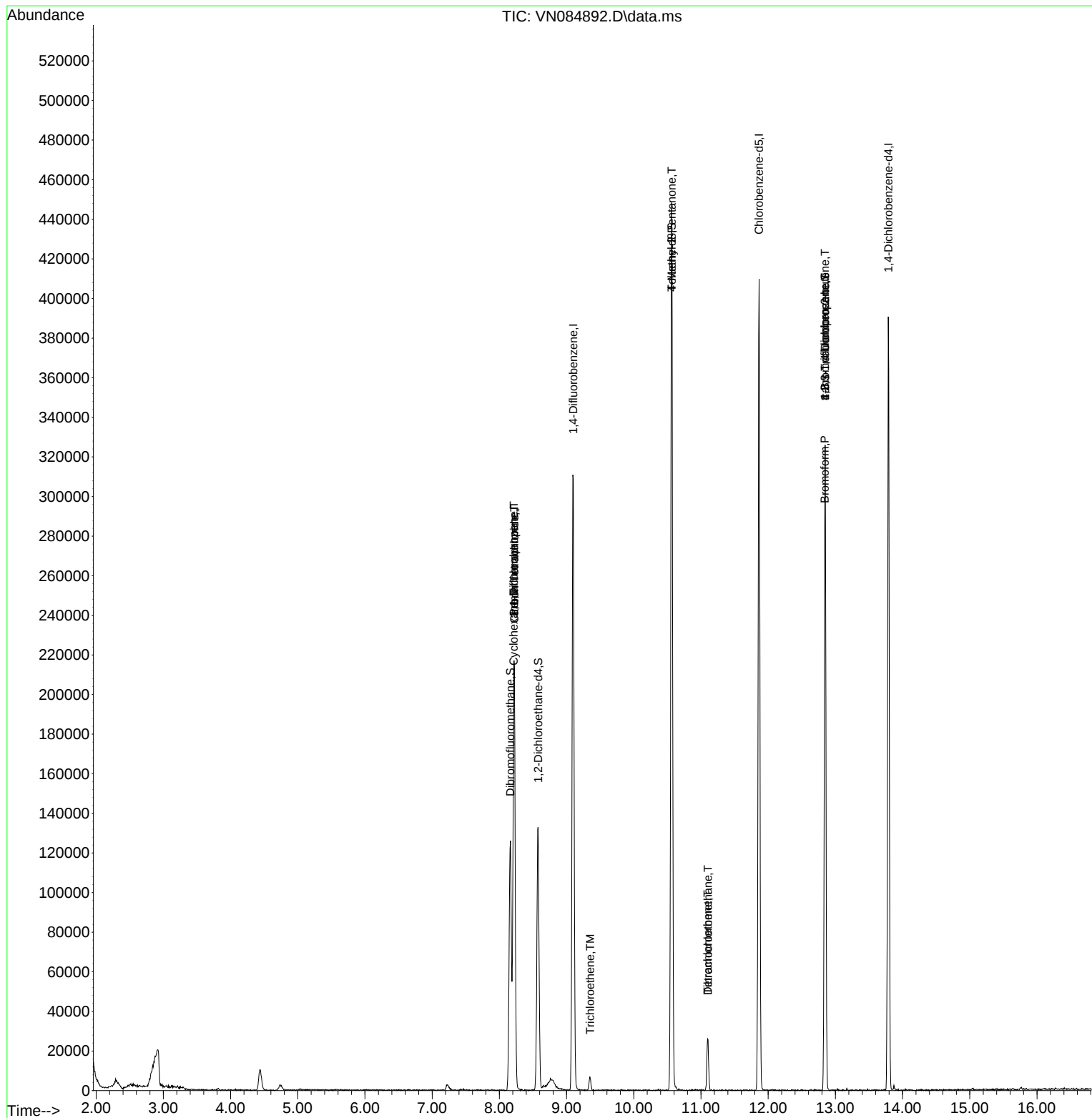
Internal Standards						
1) Pentafluorobenzene	8.218	168	158395	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	272591	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	236193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	104780	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113974	49.819	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.640%		
35) Dibromofluoromethane	8.165	113	91208	49.432	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.860%		
50) Toluene-d8	10.565	98	310397	45.668	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.340%		
62) 4-Bromofluorobenzene	12.847	95	115363	45.415	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	90.840%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.354	50	601	Below Cal	#	41
6) Chloroethane	3.101	64	199	Below Cal	#	45
16) Acetone	4.424	43	770	Below Cal	#	44
18) Methyl Acetate	5.036	43	1141	Below Cal	#	51
31) Cyclohexane	8.212	56	3229	1.022	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	12047	4.708	ug/l #	49
38) Carbon Tetrachloride	8.224	117	17522	6.126	ug/l #	16
43) Isopropyl Acetate	8.677	43	1972	Below Cal	#	56
44) Trichloroethene	9.353	130	2555	1.348	ug/l	81
51) 4-Methyl-2-Pentanone	10.565	43	1398	0.632	ug/l #	1
60) Dibromochloromethane	11.106	129	6506	3.153	ug/l #	11
64) Tetrachloroethene	11.100	164	6249	3.978	ug/l	97
71) Bromoform	12.841	173	467	0.338	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	57086	27.255	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	57086	64.660	ug/l #	11
88) 1,4-Dichlorobenzene	13.812	146	326	Below Cal	#	24

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

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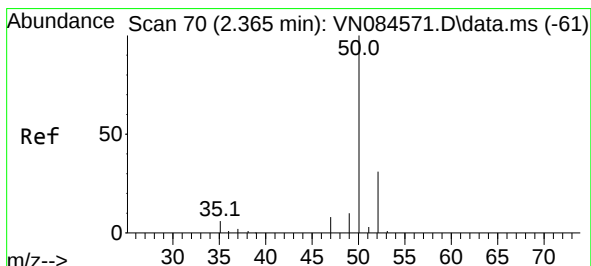
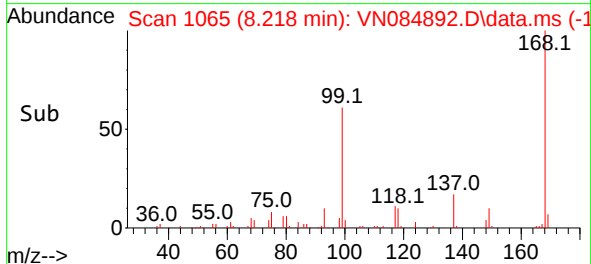
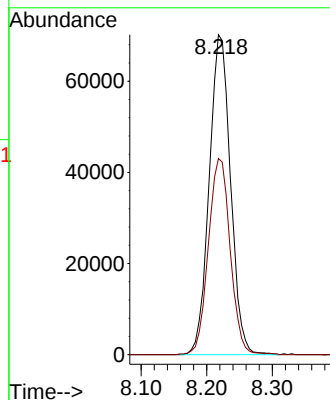
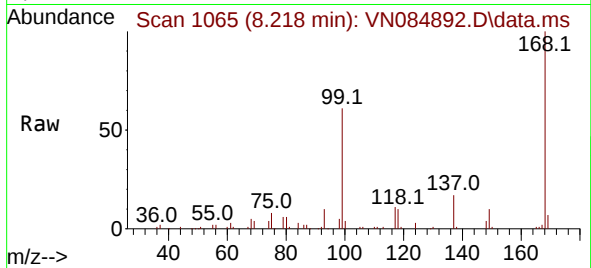




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084892.D
Acq: 17 Nov 2024 14:00

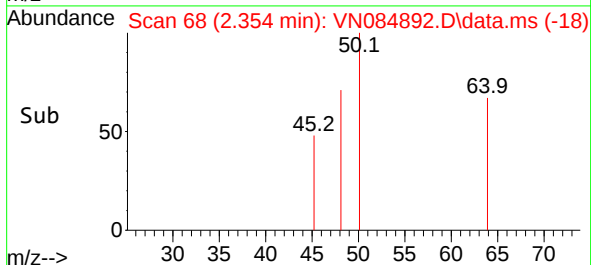
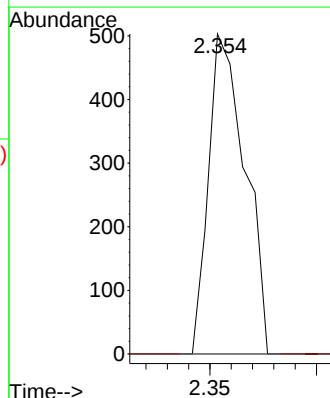
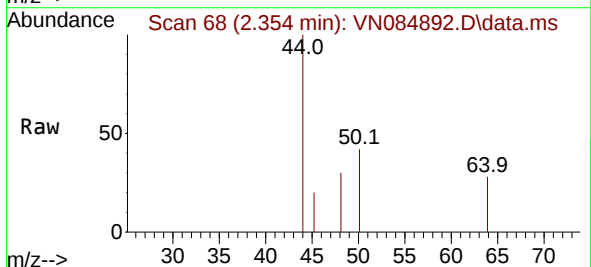
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-B-3-20241112

Tgt Ion:168 Resp: 158395
Ion Ratio Lower Upper
168 100
99 61.3 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.354 min Scan# 68
Delta R.T. -0.005 min
Lab File: VN084892.D
Acq: 17 Nov 2024 14:00

Tgt Ion: 50 Resp: 601
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

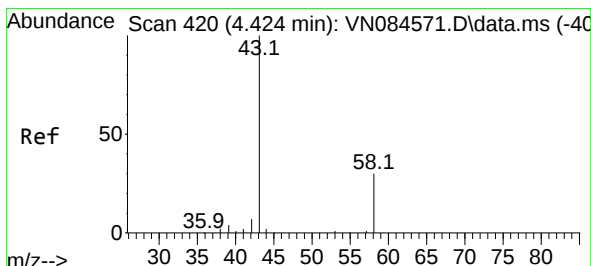
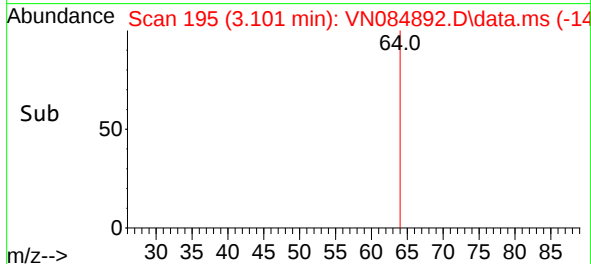
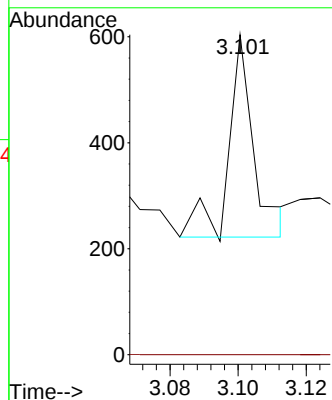
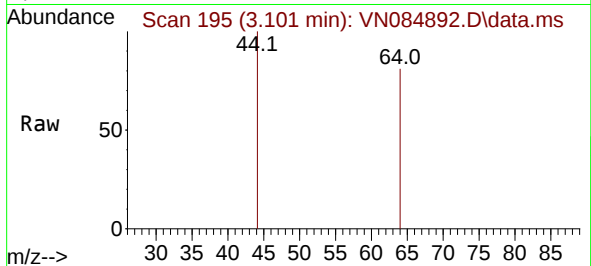




#6
Chloroethane
Concen: Below Cal
RT: 3.101 min Scan# 199
Delta R.T. -0.017 min
Lab File: VN084892.D
Acq: 17 Nov 2024 14:00

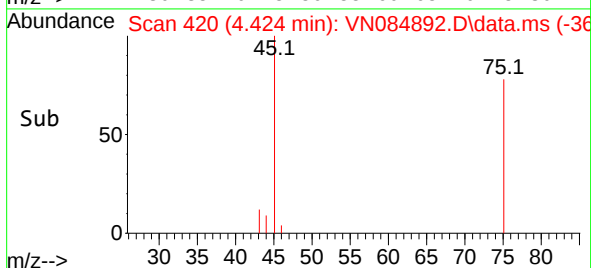
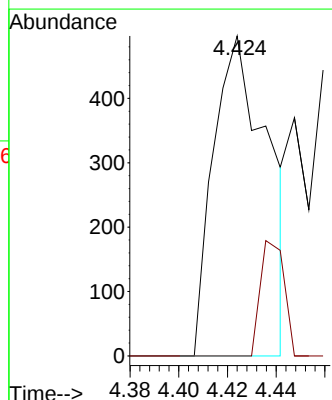
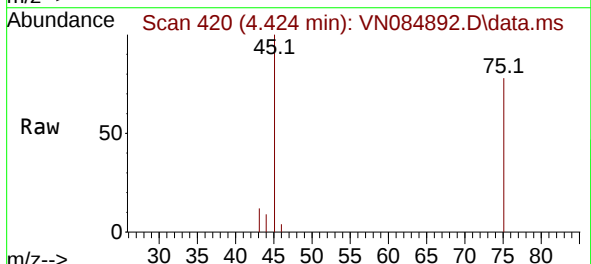
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-B-3-20241112

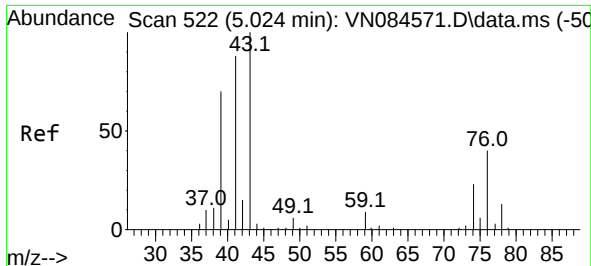
Tgt Ion: 64 Resp: 199
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#16
Acetone
Concen: Below Cal
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN084892.D
Acq: 17 Nov 2024 14:00

Tgt Ion: 43 Resp: 770
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#

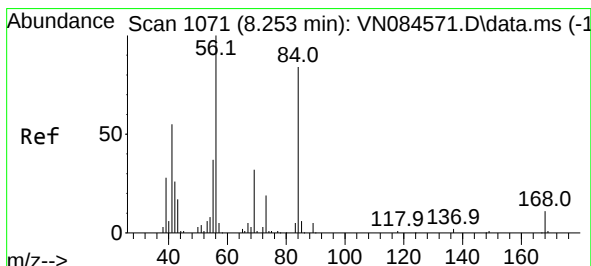
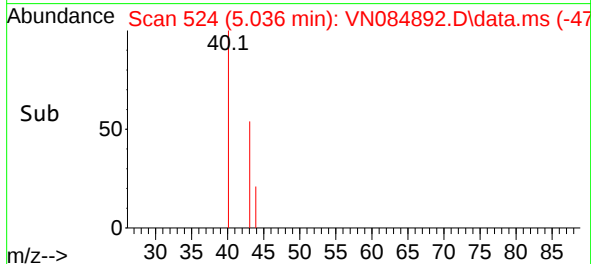
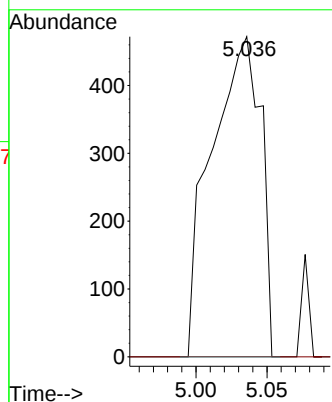
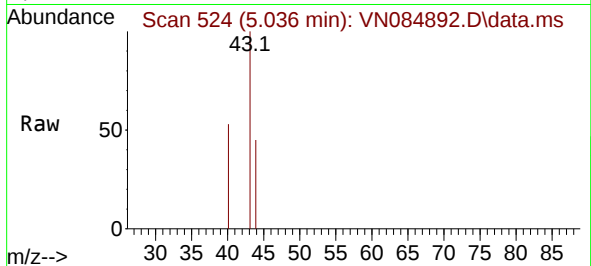




#18
Methyl Acetate
Concen: Below Cal
RT: 5.036 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN084892.D
Acq: 17 Nov 2024 14:00

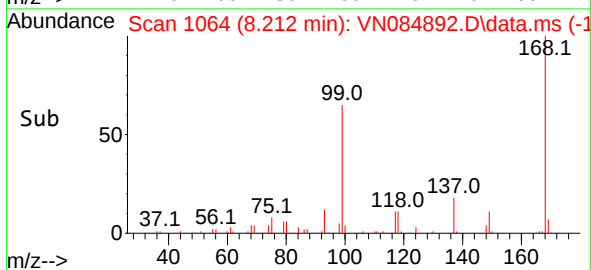
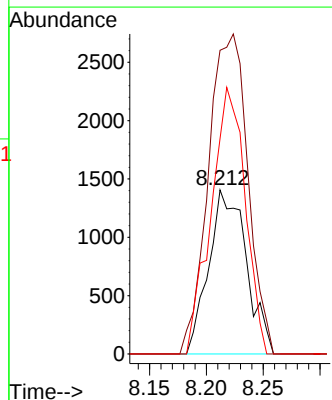
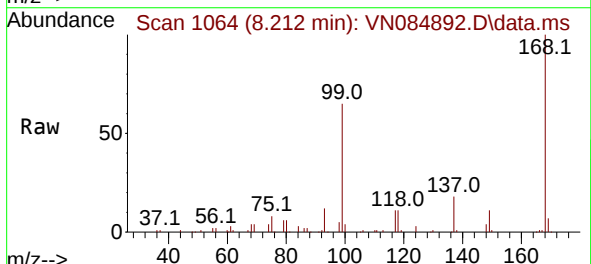
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-B-3-20241112

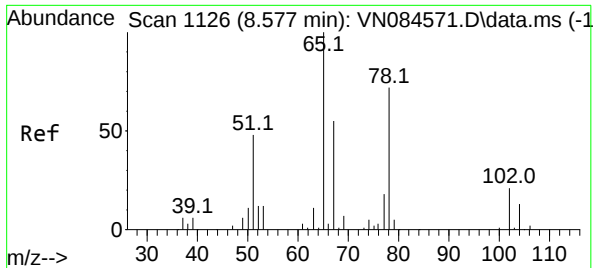
Tgt Ion: 43 Resp: 1141
Ion Ratio Lower Upper
43 100
74 0.0 19.2 28.8#



#31
Cyclohexane
Concen: 1.022 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.041 min
Lab File: VN084892.D
Acq: 17 Nov 2024 14:00

Tgt Ion: 56 Resp: 3229
Ion Ratio Lower Upper
56 100
69 185.1 23.8 35.6#
84 131.3 68.8 103.2#

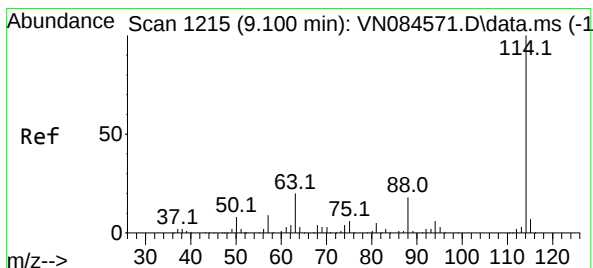
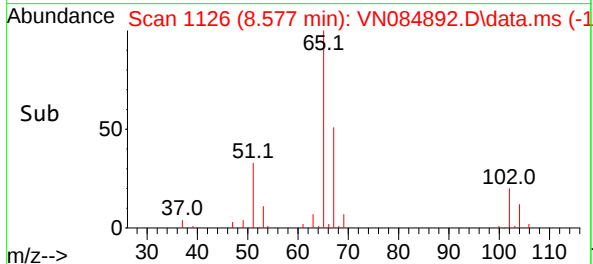
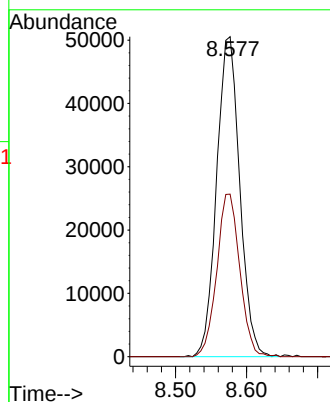
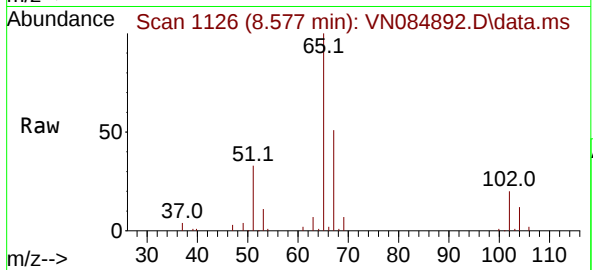




#33
 1,2-Dichloroethane-d4
 Concen: 49.819 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN084892.D
 Acq: 17 Nov 2024 14:00

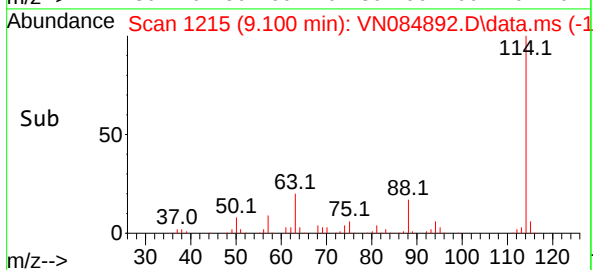
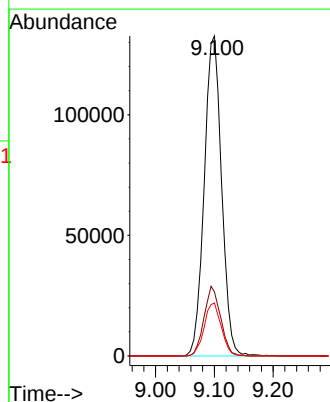
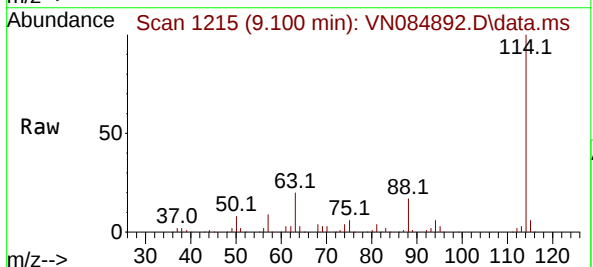
Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-B-3-20241112

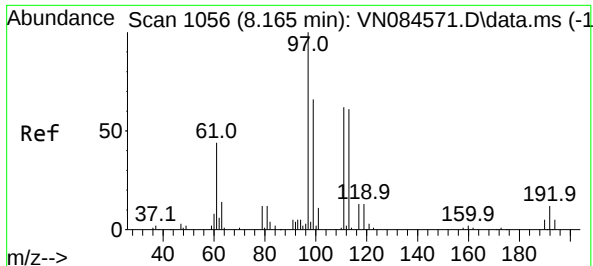
Tgt Ion: 65 Resp: 113974
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084892.D
 Acq: 17 Nov 2024 14:00

Tgt Ion: 114 Resp: 272591
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 43.8
 88 16.6 0.0 31.6





#35

Dibromofluoromethane

Concen: 49.432 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084892.D

Acq: 17 Nov 2024 14:00

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-B-3-20241112

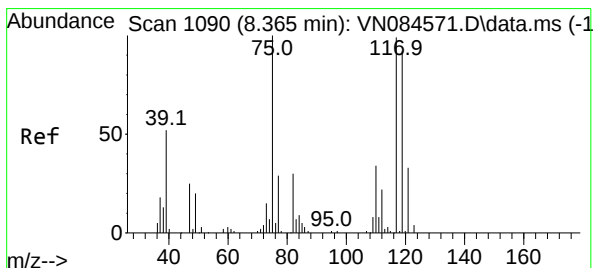
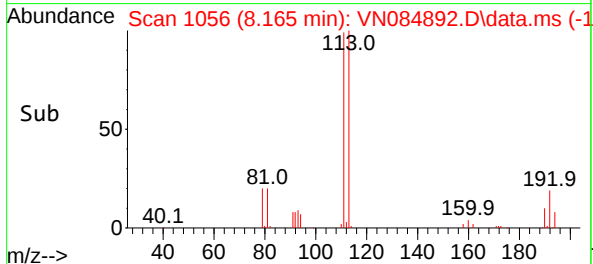
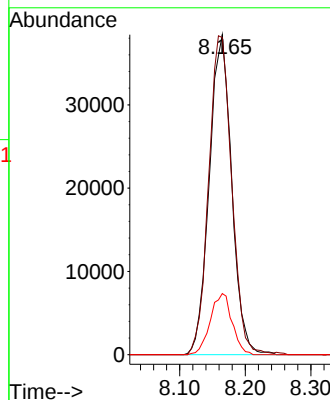
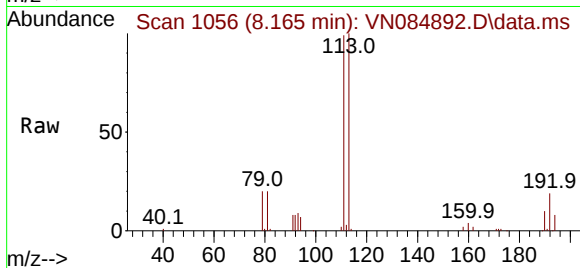
Tgt Ion:113 Resp: 91208

Ion Ratio Lower Upper

113 100

111 101.9 83.3 124.9

192 18.6 13.5 20.3



#36

1,1-Dichloropropene

Concen: 4.708 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN084892.D

Acq: 17 Nov 2024 14:00

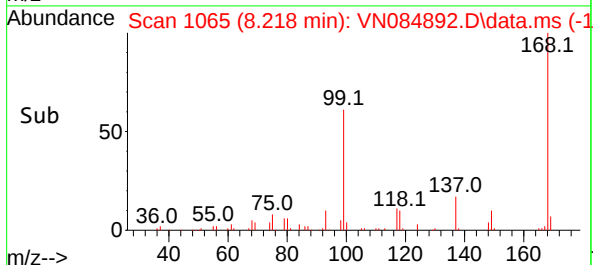
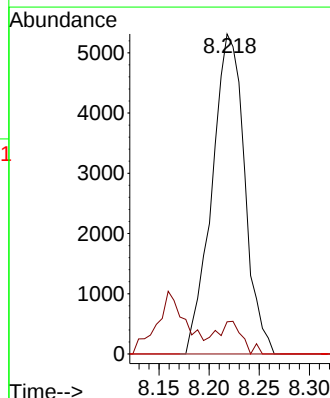
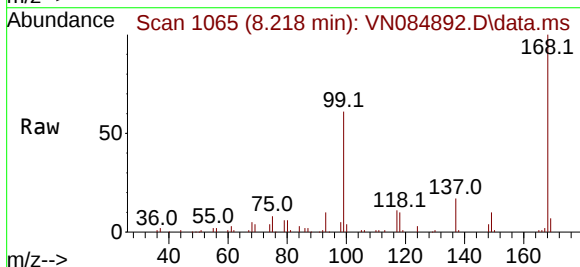
Tgt Ion: 75 Resp: 12047

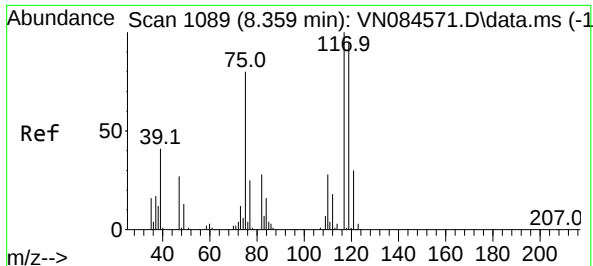
Ion Ratio Lower Upper

75 100

110 7.5 16.9 50.7#

77 0.0 24.7 37.1#

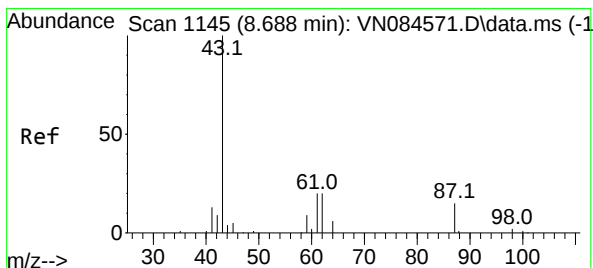
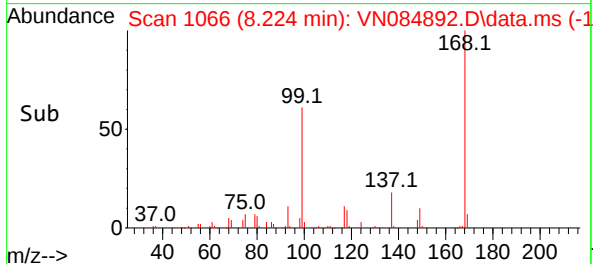
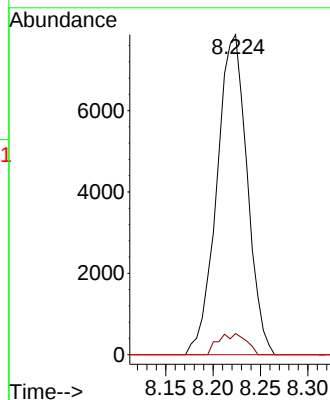
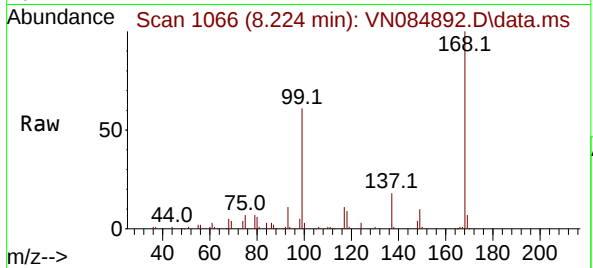




#38
Carbon Tetrachloride
Concen: 6.126 ug/l
RT: 8.224 min Scan# 11066
Delta R.T. -0.135 min
Lab File: VN084892.D
Acq: 17 Nov 2024 14:00

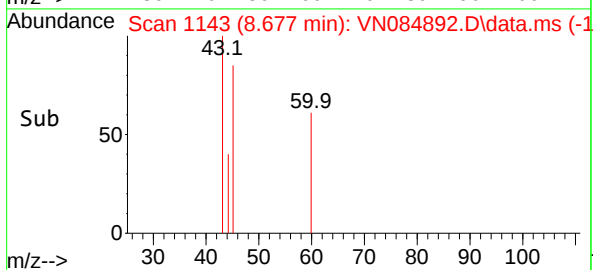
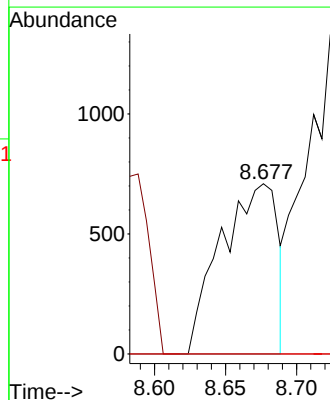
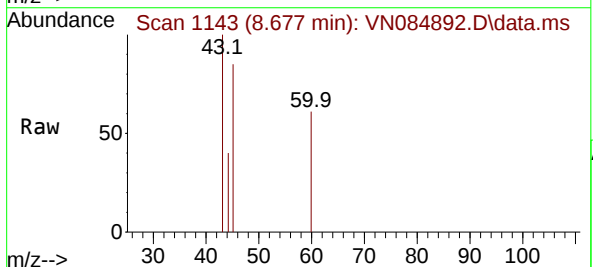
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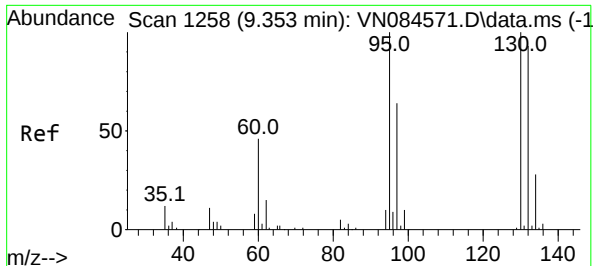
Tgt Ion:117 Resp: 17522
Ion Ratio Lower Upper
117 100
119 6.6 78.7 118.1#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.677 min Scan# 1143
Delta R.T. -0.011 min
Lab File: VN084892.D
Acq: 17 Nov 2024 14:00

Tgt Ion: 43 Resp: 1972
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#

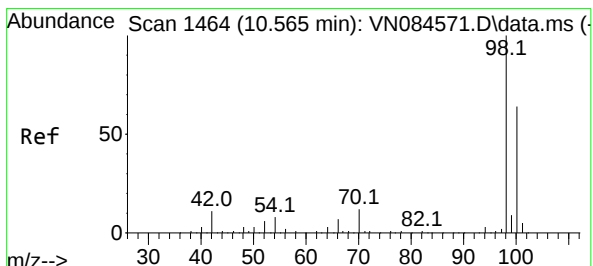
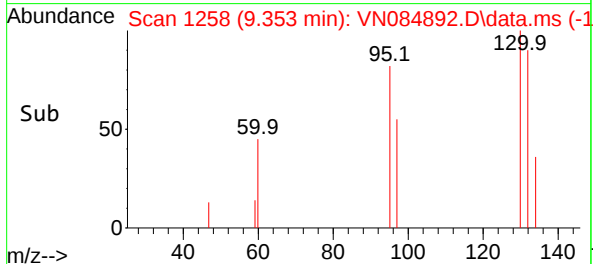
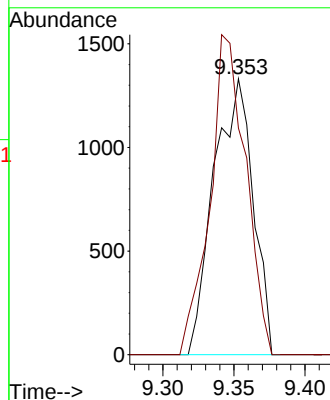
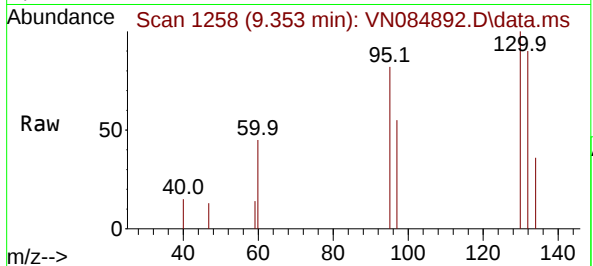




#44
Trichloroethene
Concen: 1.348 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN084892.D
Acq: 17 Nov 2024 14:00

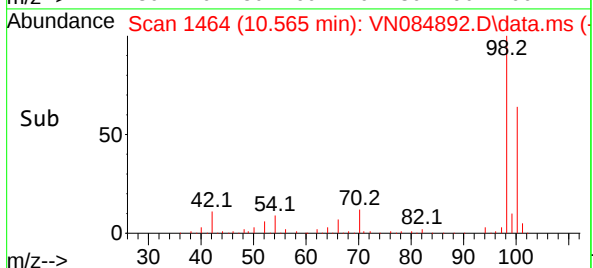
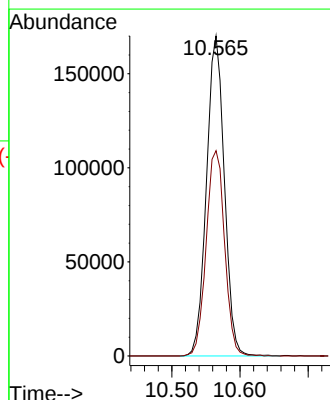
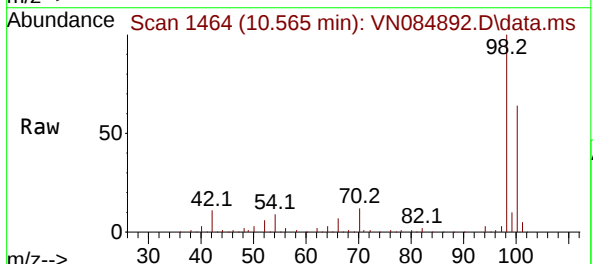
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-B-3-20241112

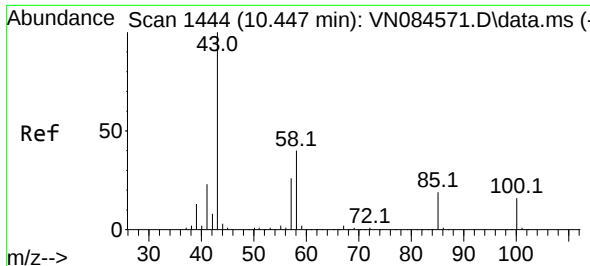
Tgt Ion:130 Resp: 2555
Ion Ratio Lower Upper
130 100
95 82.1 0.0 203.0



#50
Toluene-d8
Concen: 45.668 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084892.D
Acq: 17 Nov 2024 14:00

Tgt Ion: 98 Resp: 310397
Ion Ratio Lower Upper
98 100
100 66.3 52.7 79.1

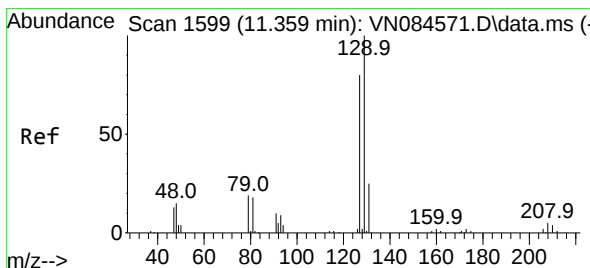
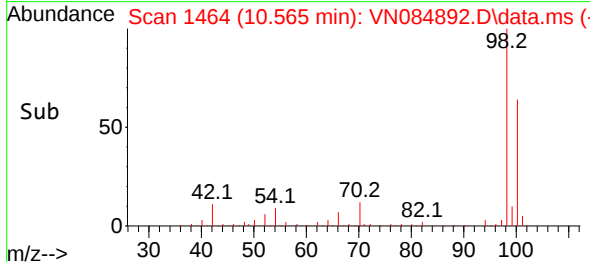
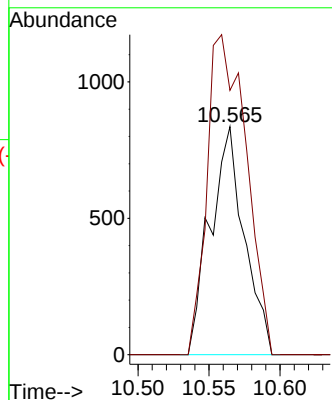
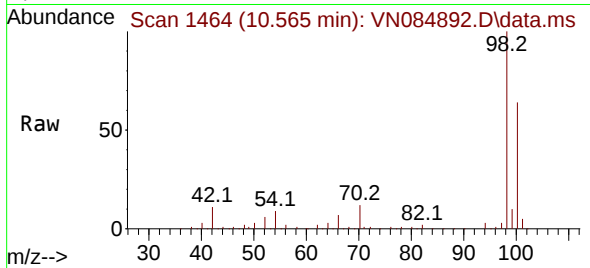




#51
4-Methyl-2-Pentanone
Concen: 0.632 ug/l
RT: 10.565 min Scan# 14
Delta R.T. 0.124 min
Lab File: VN084892.D
Acq: 17 Nov 2024 14:00

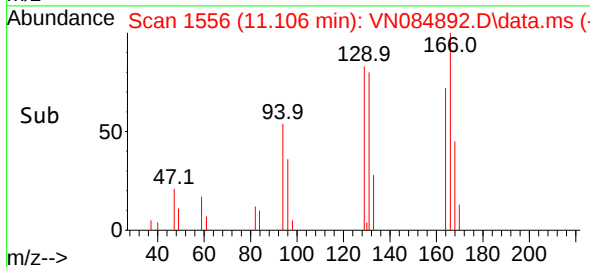
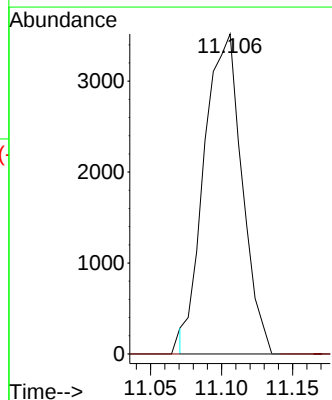
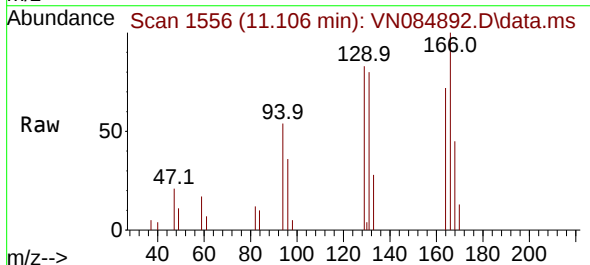
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-B-3-20241112

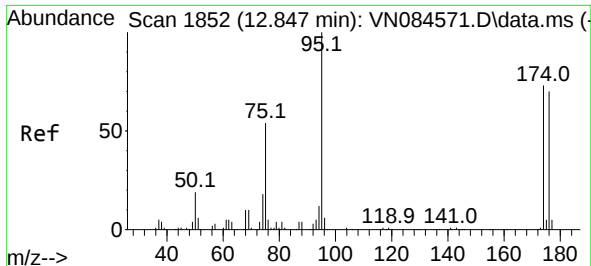
Tgt Ion: 43 Resp: 1398
Ion Ratio Lower Upper
43 100
58 161.3 31.6 47.4#



#60
Dibromochloromethane
Concen: 3.153 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.253 min
Lab File: VN084892.D
Acq: 17 Nov 2024 14:00

Tgt Ion: 129 Resp: 6506
Ion Ratio Lower Upper
129 100
127 0.0 38.3 114.9#

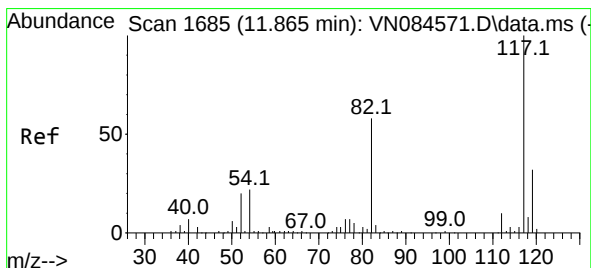
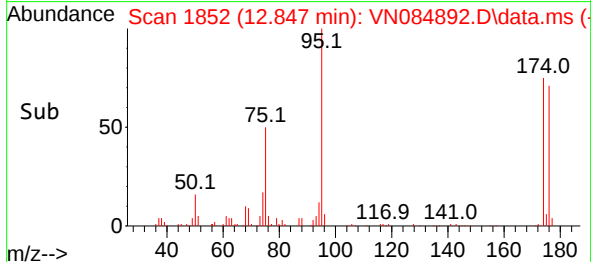
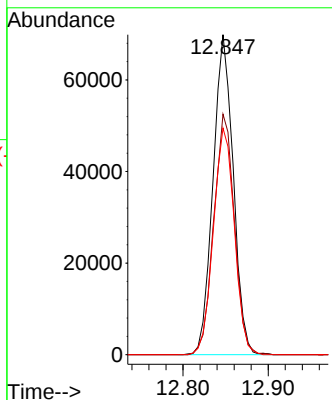
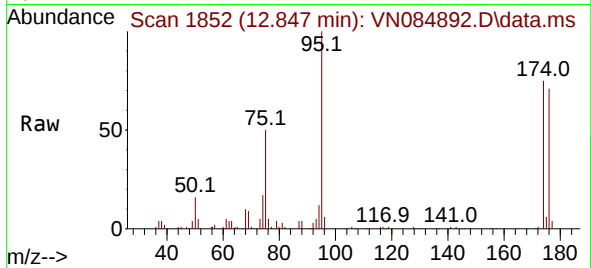




#62
4-Bromofluorobenzene
Concen: 45.415 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084892.D
Acq: 17 Nov 2024 14:00

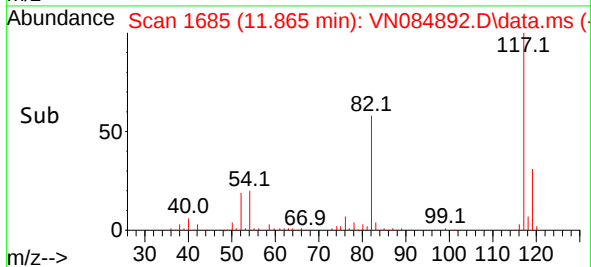
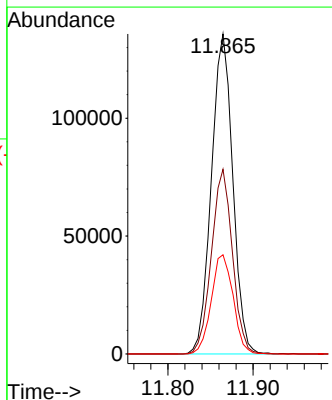
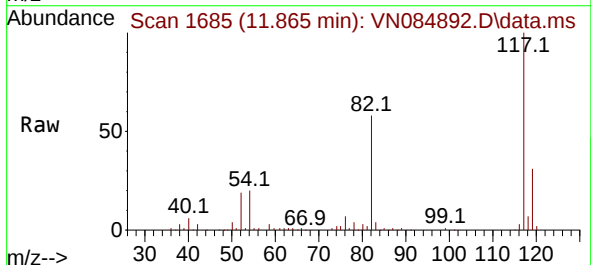
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-B-3-20241112

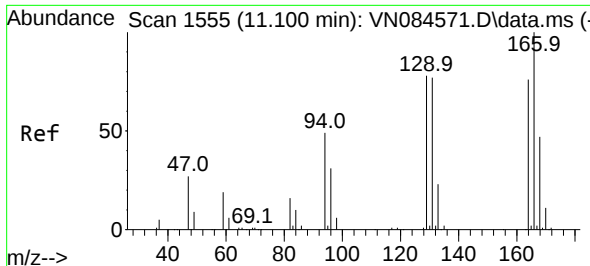
Tgt Ion: 95 Resp: 115363
Ion Ratio Lower Upper
95 100
174 76.8 0.0 145.2
176 73.5 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084892.D
Acq: 17 Nov 2024 14:00

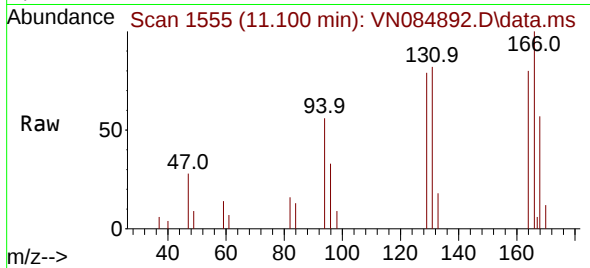
Tgt Ion: 117 Resp: 236193
Ion Ratio Lower Upper
117 100
82 57.7 47.2 70.8
119 31.0 25.4 38.0



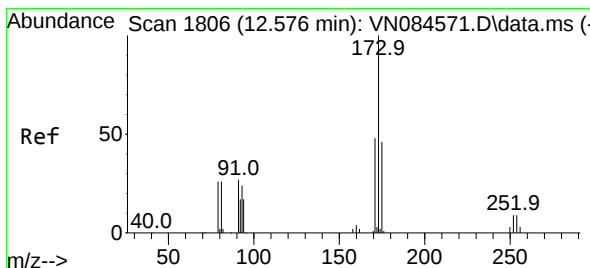
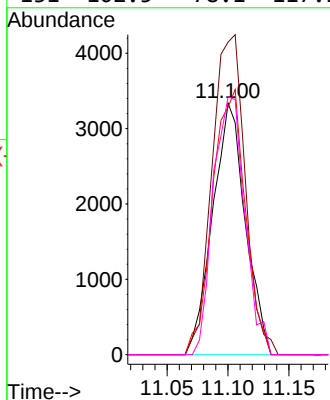
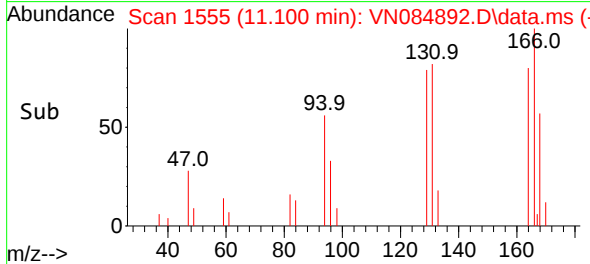


#64
Tetrachloroethene
Concen: 3.978 ug/l
RT: 11.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084892.D
Acq: 17 Nov 2024 14:00

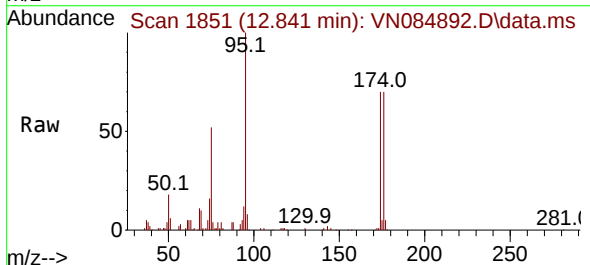
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-B-3-20241112



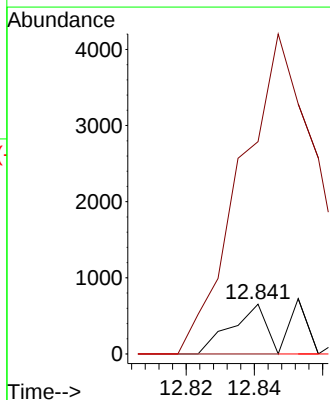
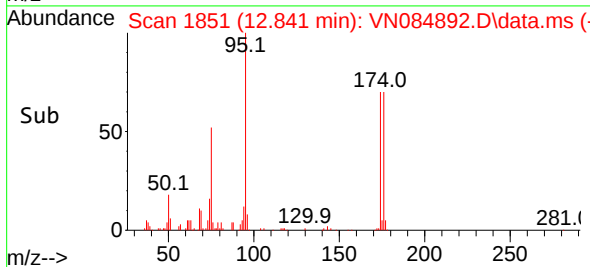
Tgt Ion:164 Resp: 6249
Ion Ratio Lower Upper
164 100
166 124.3 101.0 151.4
129 98.4 80.8 121.2
131 102.5 78.1 117.1

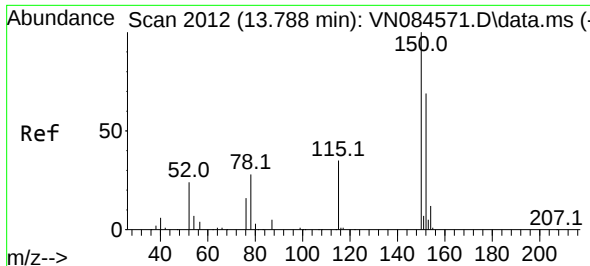


#71
Bromoform
Concen: 0.338 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN084892.D
Acq: 17 Nov 2024 14:00



Tgt Ion:173 Resp: 467
Ion Ratio Lower Upper
173 100
175 1085.0 23.5 70.6#
254 0.0 0.0 0.0

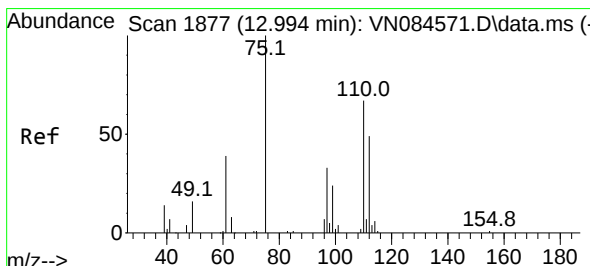
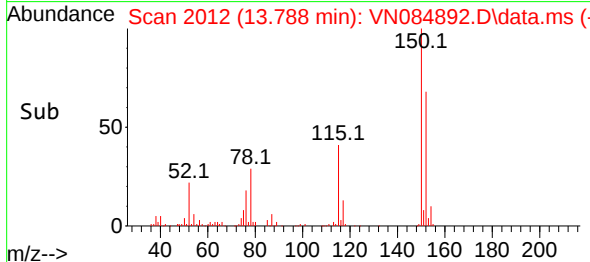
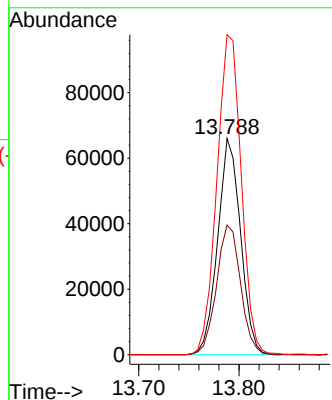
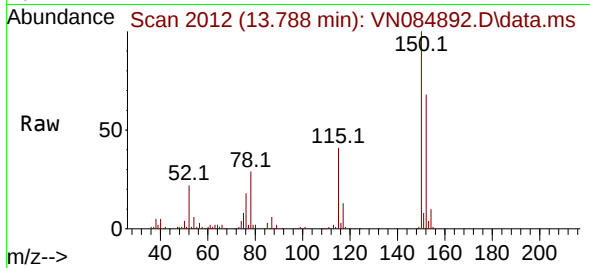




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN084892.D
 Acq: 17 Nov 2024 14:00

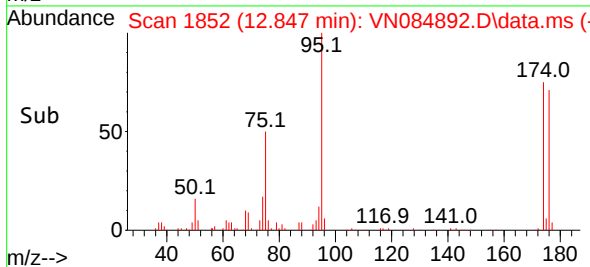
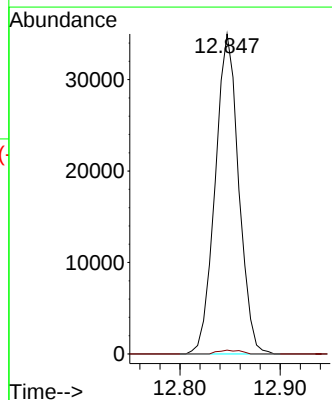
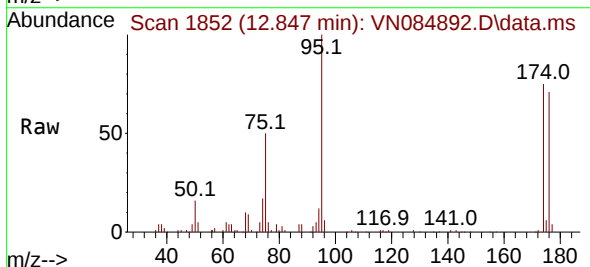
Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-B-3-20241112

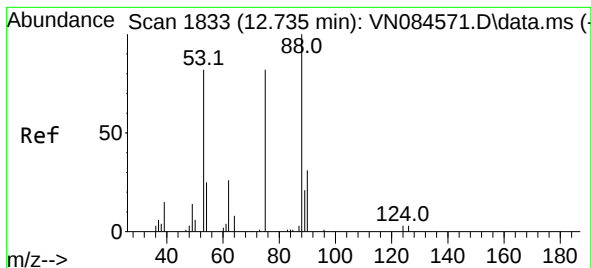
Tgt Ion:152 Resp: 104780
 Ion Ratio Lower Upper
 152 100
 115 62.9 31.3 93.9
 150 157.6 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 27.255 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN084892.D
 Acq: 17 Nov 2024 14:00

Tgt Ion: 75 Resp: 57086
 Ion Ratio Lower Upper
 75 100
 77 1.1 96.9 290.7#

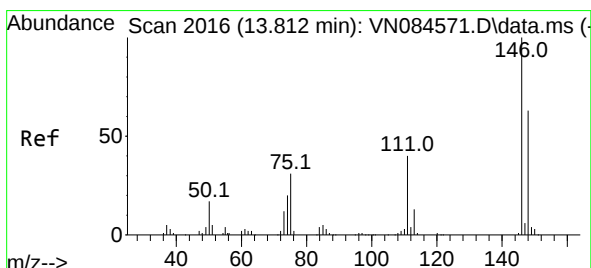
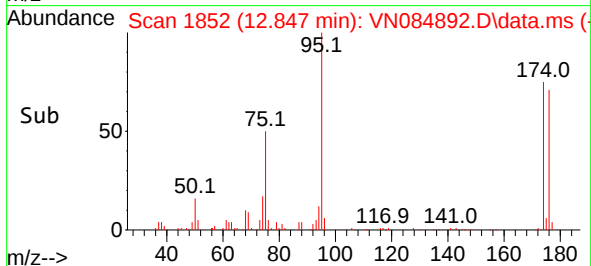
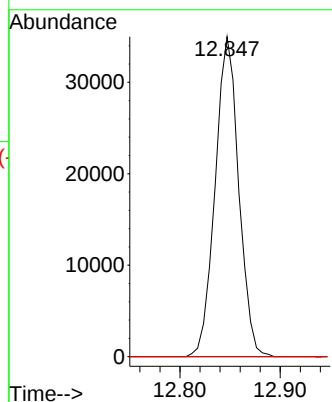
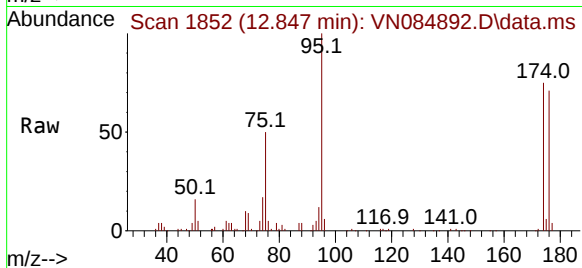




#81
trans-1,4-Dichloro-2-butene
Concen: 64.660 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084892.D
Acq: 17 Nov 2024 14:00

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-B-3-20241112

Tgt Ion: 75 Resp: 57086
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: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN084892.D
Acq: 17 Nov 2024 14:00

Tgt Ion:146 Resp: 326
Ion Ratio Lower Upper
146 100
111 0.0 21.2 63.6#
148 0.0 31.9 95.9#

