

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111724\
 Data File : VN084906.D
 Acq On : 17 Nov 2024 19:37
 Operator : JC\MD
 Sample : P4845-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-23-20241112

Quant Time: Nov 18 00:26:17 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)

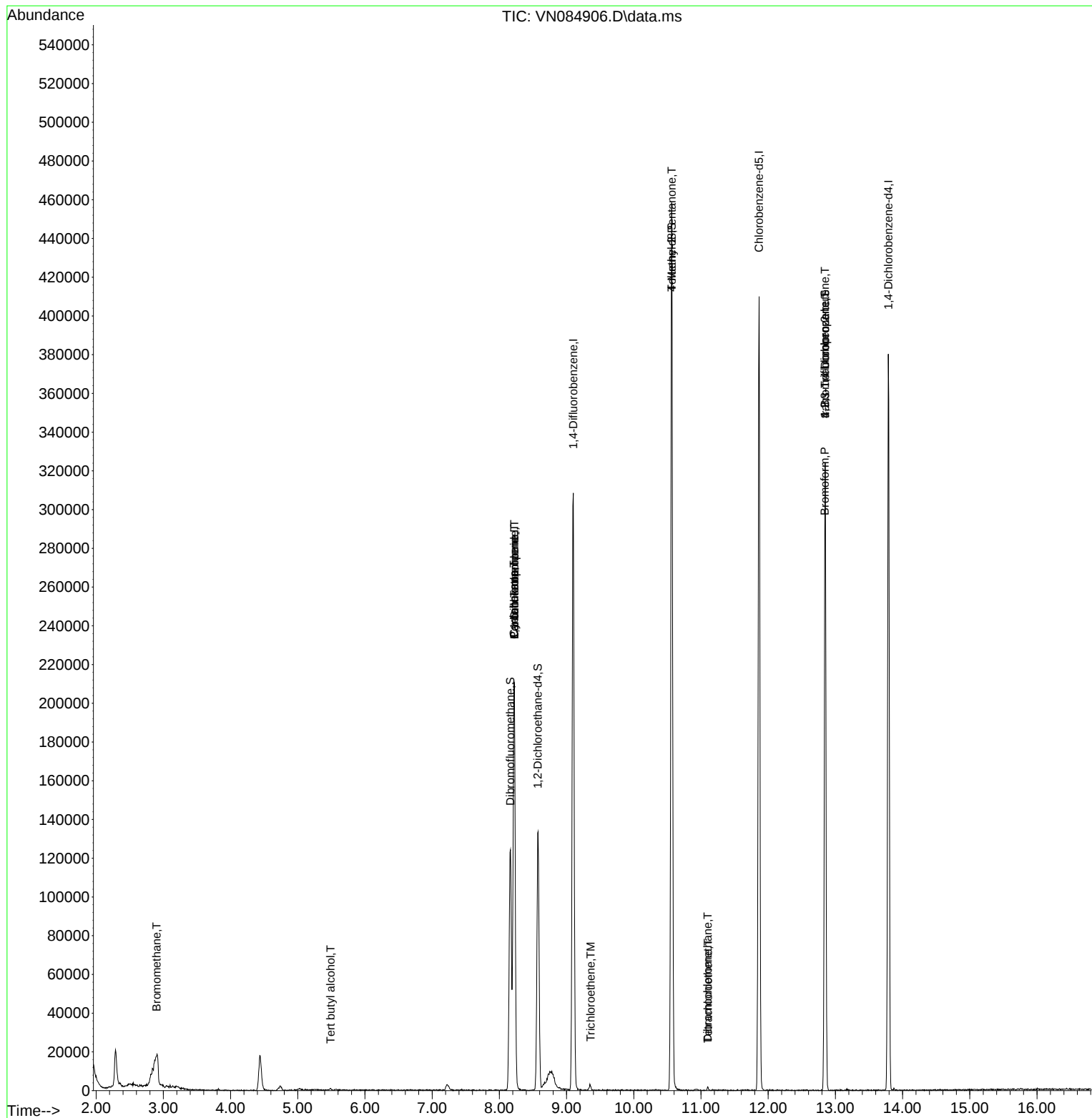
Internal Standards						
1) Pentafluorobenzene	8.224	168	154852	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	269354	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	237356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	103680	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	112107	50.124	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 100.240%		
35) Dibromofluoromethane	8.165	113	91439	50.153	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.300%		
50) Toluene-d8	10.565	98	310621	46.250	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 92.500%		
62) 4-Bromofluorobenzene	12.847	95	112626	44.871	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 89.740%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.353	50	608	Below Cal	#	41
5) Bromomethane	2.901	94	245	0.242	ug/l #	80
6) Chloroethane	3.142	64	167	Below Cal	#	45
11) Tert butyl alcohol	5.489	59	373	1.263	ug/l #	73
16) Acetone	4.436	43	1668	Below Cal	#	44
18) Methyl Acetate	5.024	43	1242	Below Cal	#	63
31) Cyclohexane	8.218	56	3137	1.016	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	12270	4.853	ug/l #	51
38) Carbon Tetrachloride	8.224	117	17000	6.015	ug/l #	16
43) Isopropyl Acetate	8.653	43	1399	Below Cal	#	56
44) Trichloroethene	9.359	130	1056	0.564	ug/l	98
51) 4-Methyl-2-Pentanone	10.565	43	1268	0.580	ug/l #	1
60) Dibromochloromethane	11.100	129	527	0.258	ug/l #	11
64) Tetrachloroethene	11.106	164	397	0.251	ug/l #	66
71) Bromoform	12.841	173	351	0.253	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	59754	28.832	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	59754	68.400	ug/l #	11

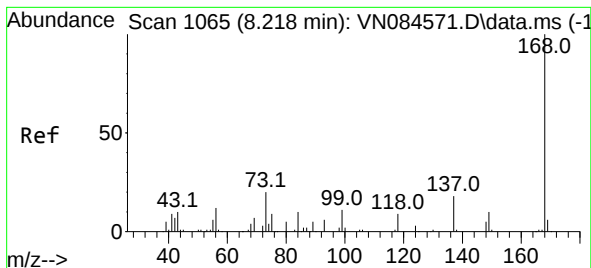
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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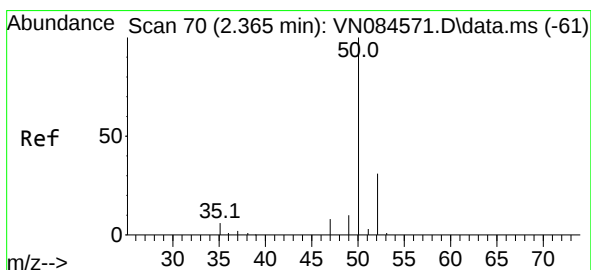
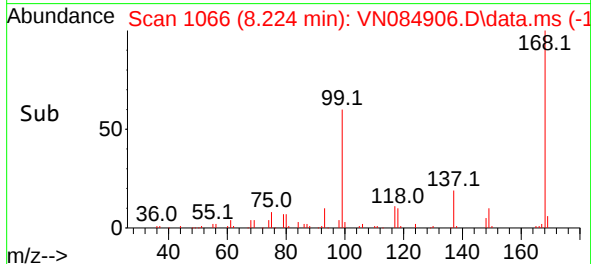
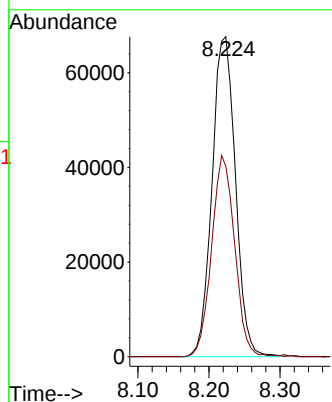
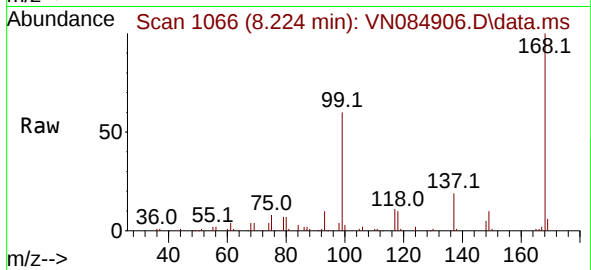




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084906.D
Acq: 17 Nov 2024 19:37

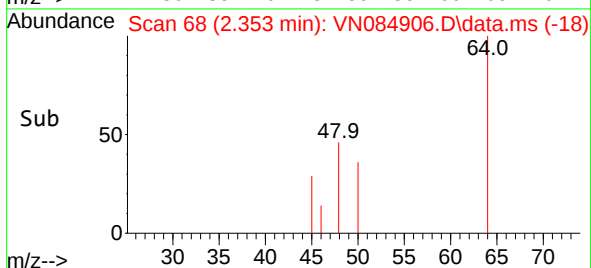
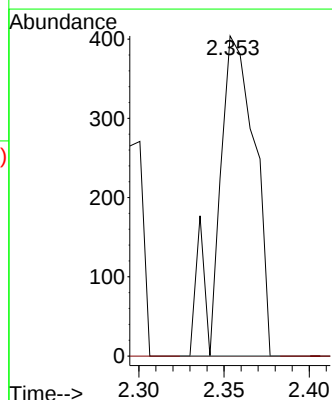
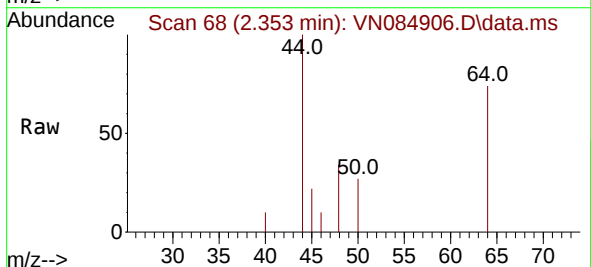
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-23-20241112

Tgt Ion:168 Resp: 154852
Ion Ratio Lower Upper
168 100
99 59.5 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.353 min Scan# 68
Delta R.T. -0.006 min
Lab File: VN084906.D
Acq: 17 Nov 2024 19:37

Tgt Ion: 50 Resp: 608
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

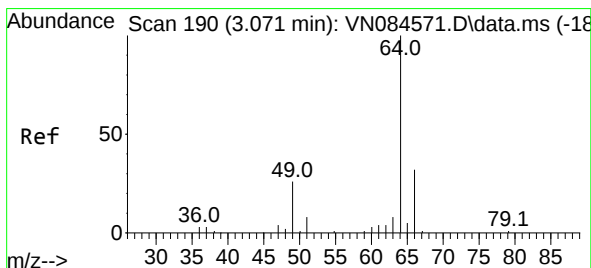
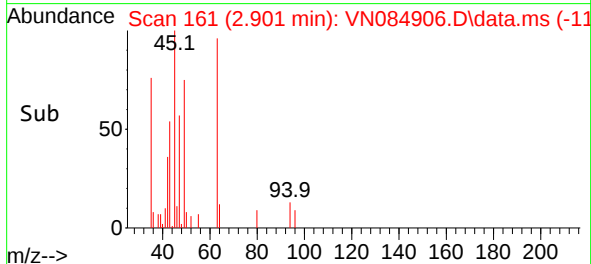
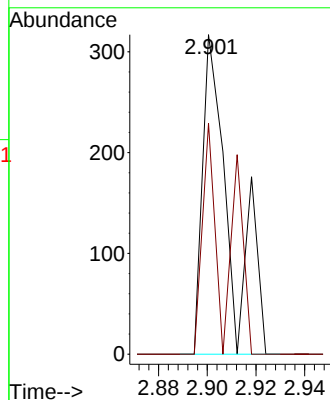
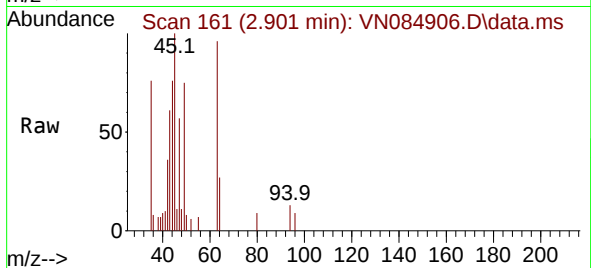




#5
Bromomethane
Concen: 0.242 ug/l
RT: 2.901 min Scan# 11
Delta R.T. -0.052 min
Lab File: VN084906.D
Acq: 17 Nov 2024 19:37

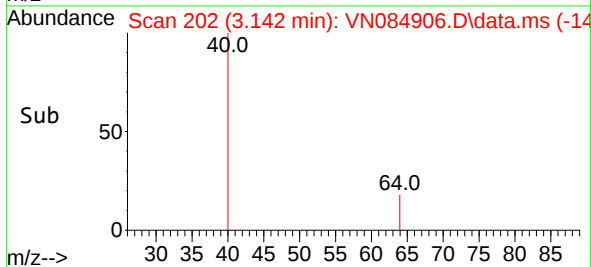
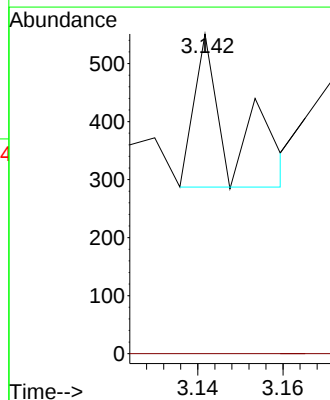
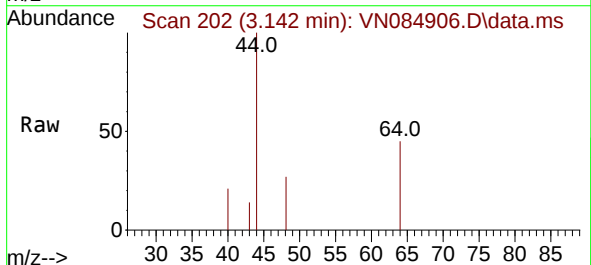
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-23-20241112

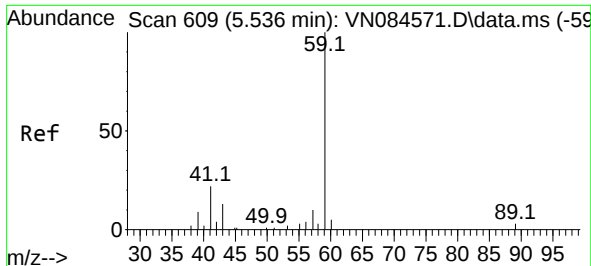
Tgt Ion: 94 Resp: 245
Ion Ratio Lower Upper
94 100
96 72.2 72.9 109.3#



#6
Chloroethane
Concen: Below Cal
RT: 3.142 min Scan# 202
Delta R.T. 0.024 min
Lab File: VN084906.D
Acq: 17 Nov 2024 19:37

Tgt Ion: 64 Resp: 167
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#

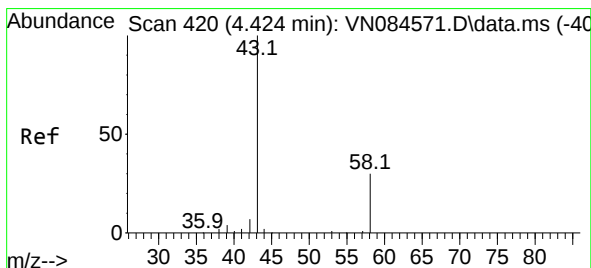
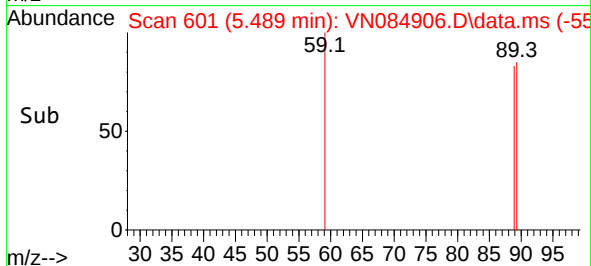
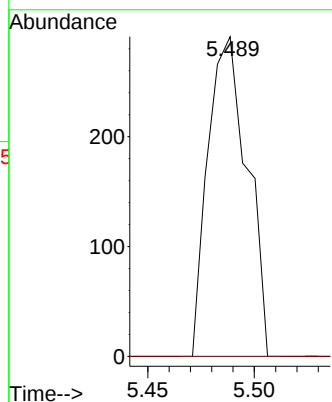
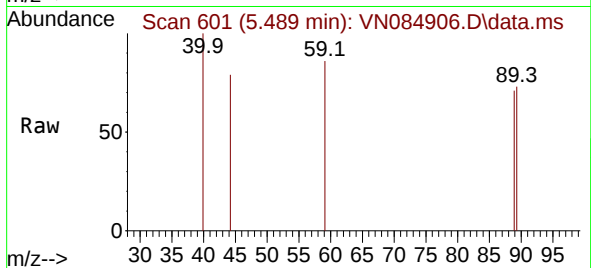




#11
Tert butyl alcohol
Concen: 1.263 ug/l
RT: 5.489 min Scan# 609
Delta R.T. -0.035 min
Lab File: VN084906.D
Acq: 17 Nov 2024 19:37

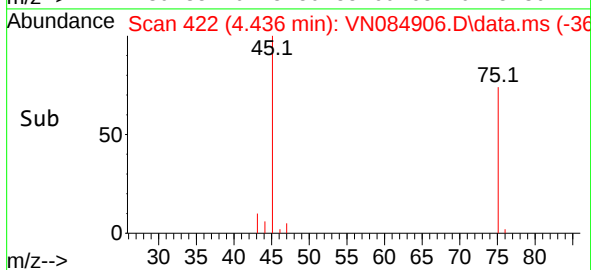
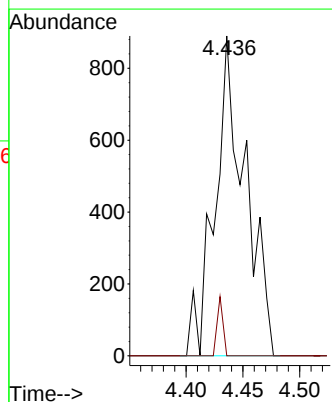
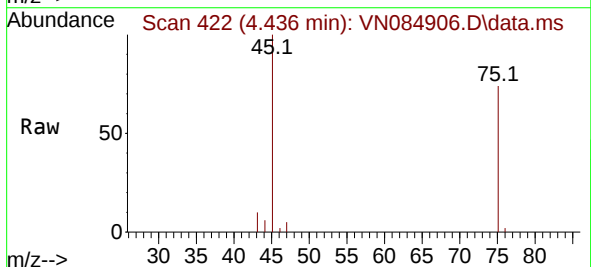
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-23-20241112

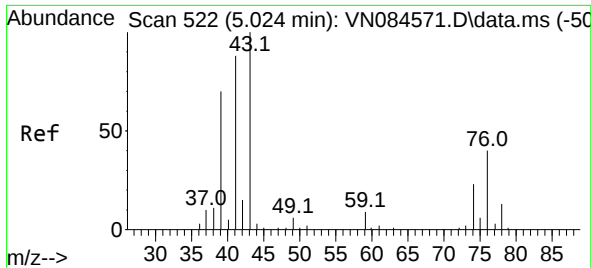
Tgt Ion: 59 Resp: 373
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: Below Cal
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN084906.D
Acq: 17 Nov 2024 19:37

Tgt Ion: 43 Resp: 1668
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#

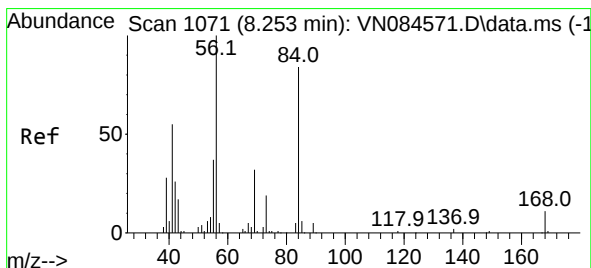
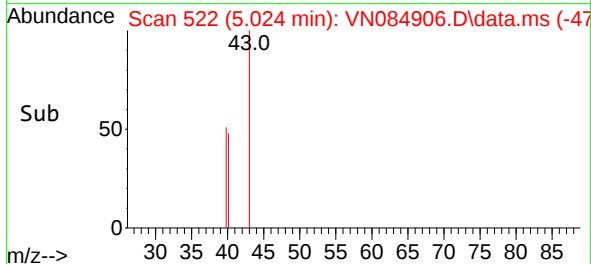
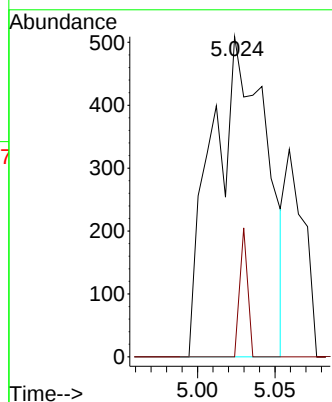
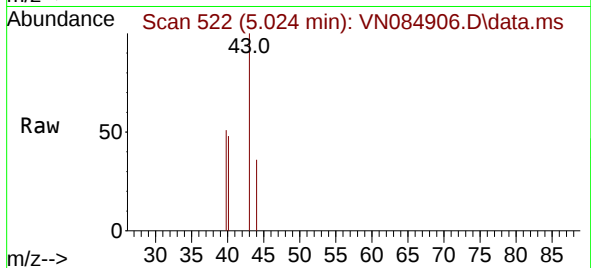




#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN084906.D
Acq: 17 Nov 2024 19:37

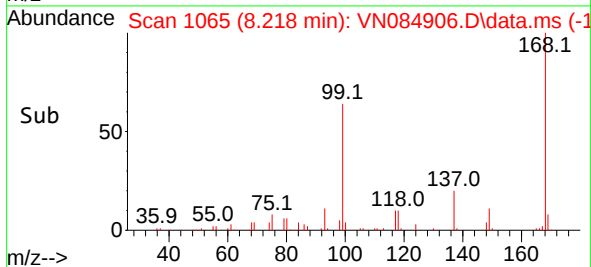
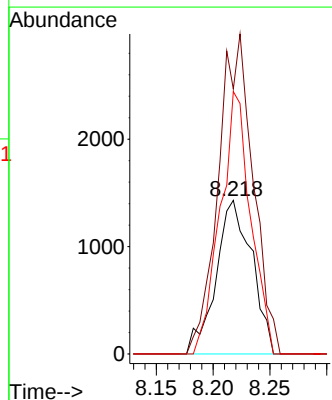
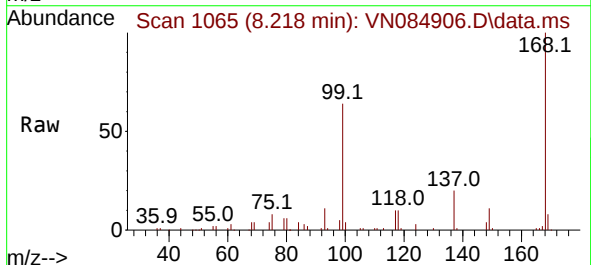
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-23-20241112

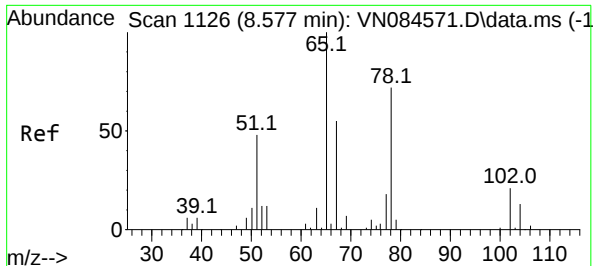
Tgt Ion: 43 Resp: 1242
Ion Ratio Lower Upper
43 100
74 5.8 19.2 28.8#



#31
Cyclohexane
Concen: 1.016 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084906.D
Acq: 17 Nov 2024 19:37

Tgt Ion: 56 Resp: 3137
Ion Ratio Lower Upper
56 100
69 172.5 23.8 35.6#
84 170.9 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 50.124 ug/l

RT: 8.571 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN084906.D

Acq: 17 Nov 2024 19:37

Instrument :

MSVOA_N

ClientSampleId :

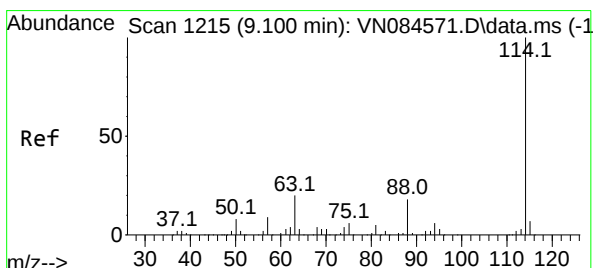
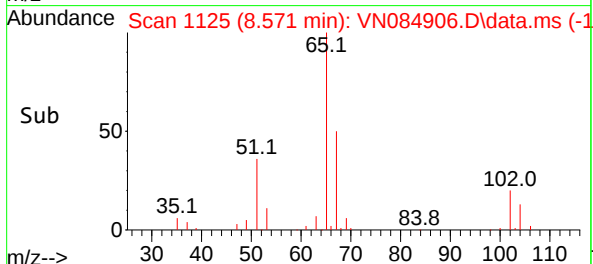
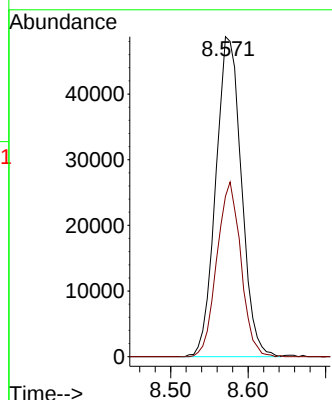
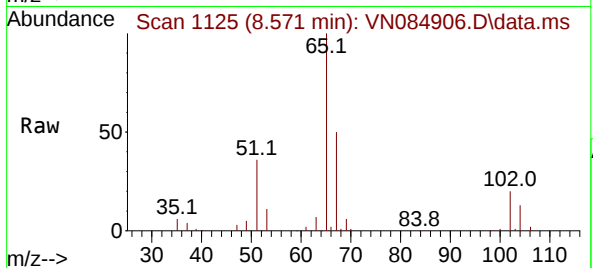
FSND-MW-23-20241112

Tgt Ion: 65 Resp: 112107

Ion Ratio Lower Upper

65 100

67 51.2 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: VN084906.D

Acq: 17 Nov 2024 19:37

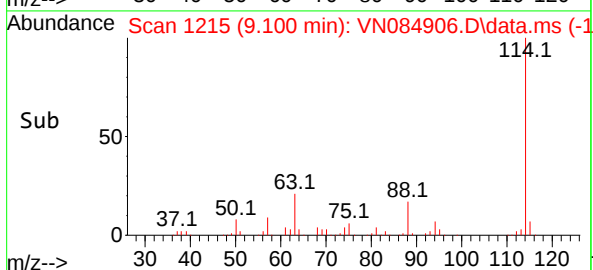
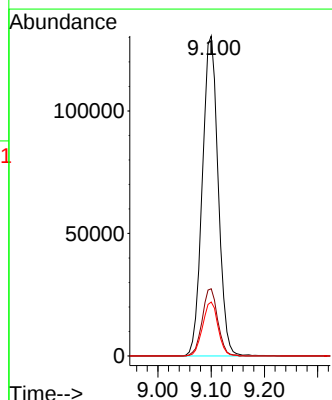
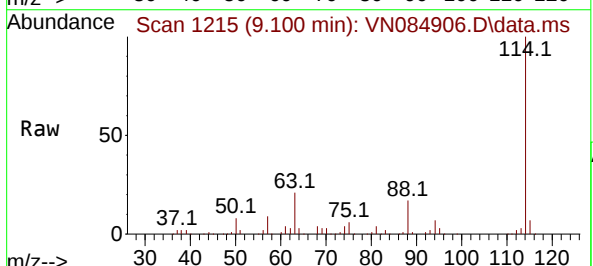
Tgt Ion: 114 Resp: 269354

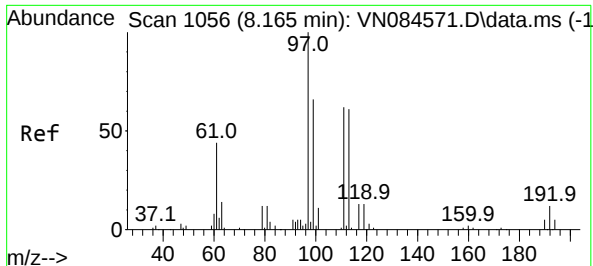
Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.8

88 16.8 0.0 31.6

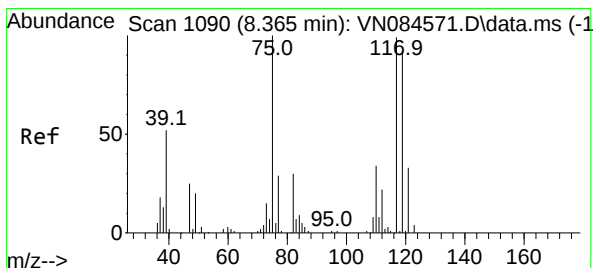
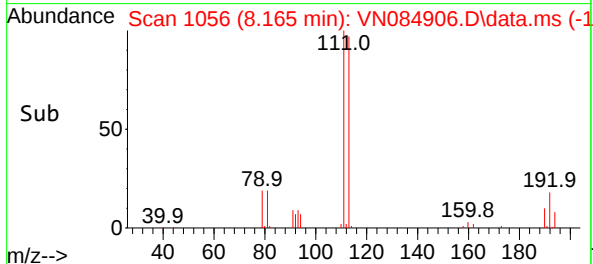
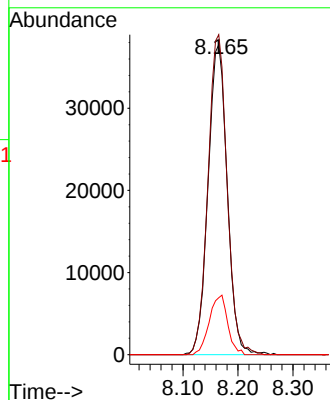
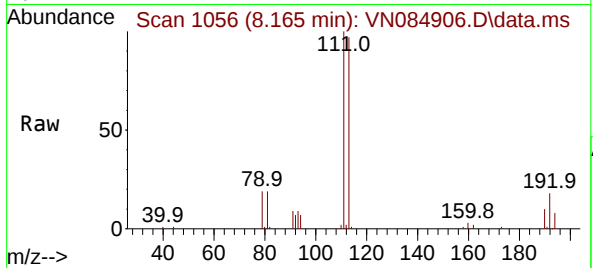




#35
Dibromofluoromethane
Concen: 50.153 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084906.D
Acq: 17 Nov 2024 19:37

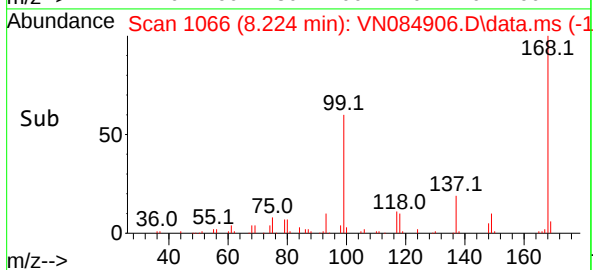
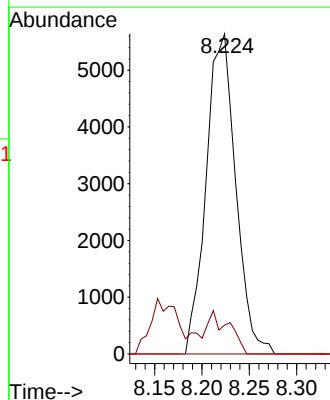
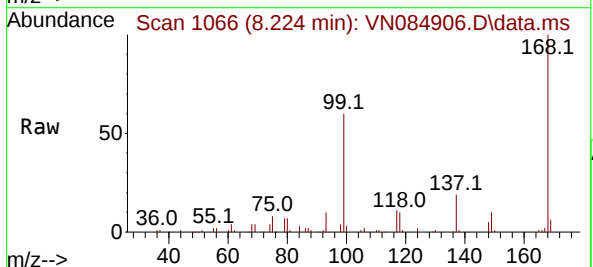
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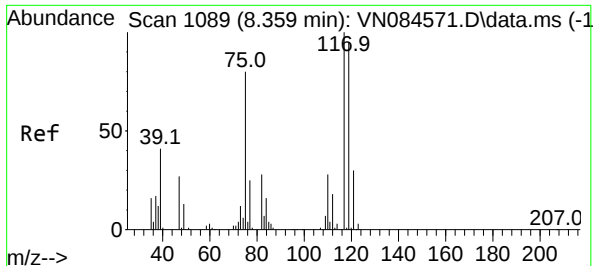
Tgt Ion:113 Resp: 91439
Ion Ratio Lower Upper
113 100
111 102.7 83.3 124.9
192 18.4 13.5 20.3



#36
1,1-Dichloropropene
Concen: 4.853 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN084906.D
Acq: 17 Nov 2024 19:37

Tgt Ion: 75 Resp: 12270
Ion Ratio Lower Upper
75 100
110 9.6 16.9 50.7#
77 0.0 24.7 37.1#

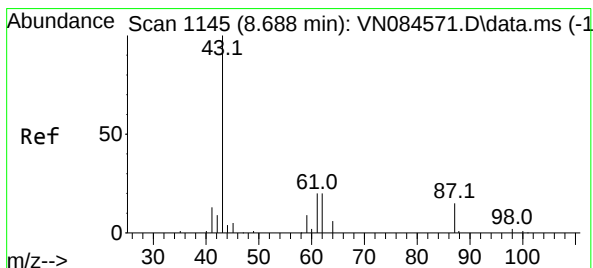
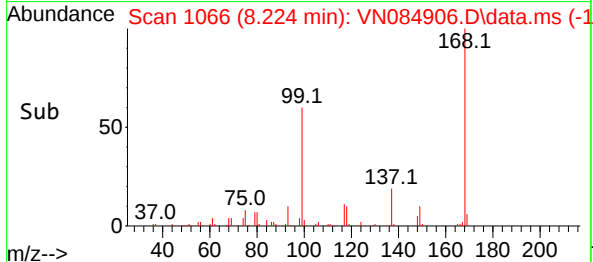
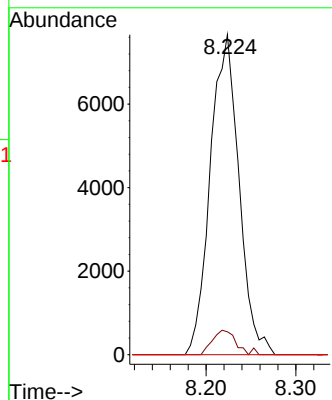
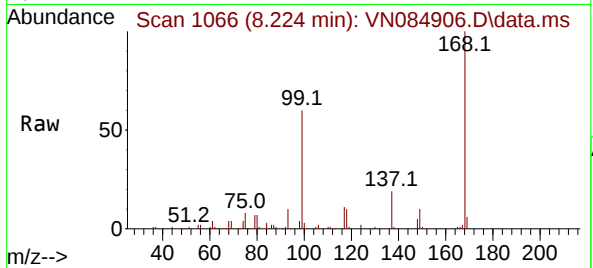




#38
Carbon Tetrachloride
Concen: 6.015 ug/l
RT: 8.224 min Scan# 1139
Delta R.T. -0.135 min
Lab File: VN084906.D
Acq: 17 Nov 2024 19:37

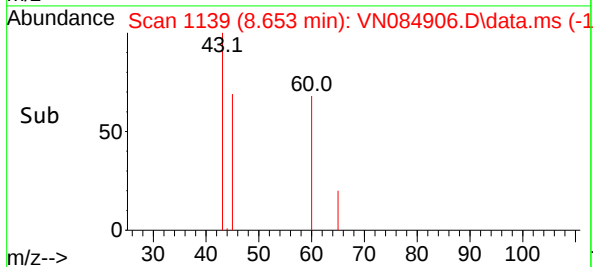
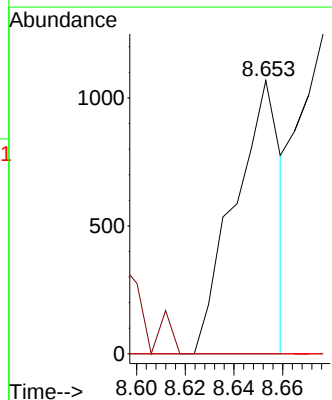
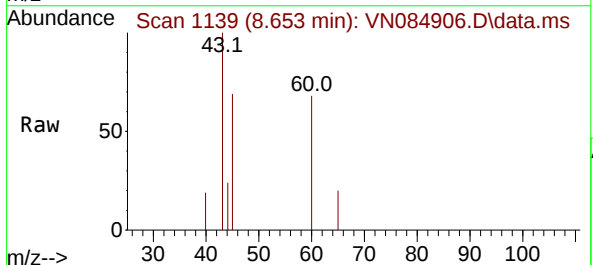
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-23-20241112

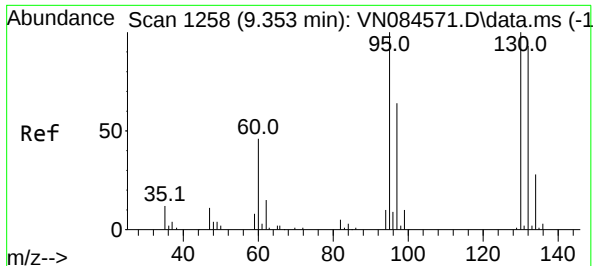
Tgt Ion:117 Resp: 17000
Ion Ratio Lower Upper
117 100
119 7.2 78.7 118.1#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.653 min Scan# 1139
Delta R.T. -0.035 min
Lab File: VN084906.D
Acq: 17 Nov 2024 19:37

Tgt Ion: 43 Resp: 1399
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#





#44

Trichloroethene

Concen: 0.564 ug/l

RT: 9.359 min Scan# 1

Delta R.T. 0.012 min

Lab File: VN084906.D

Acq: 17 Nov 2024 19:37

Instrument :

MSVOA_N

ClientSampleId :

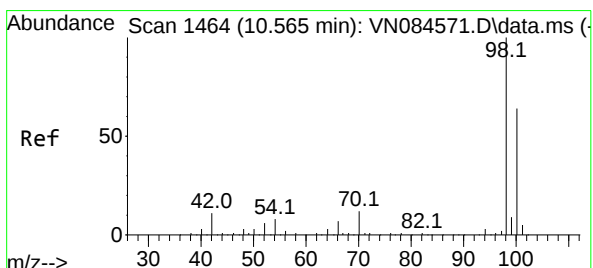
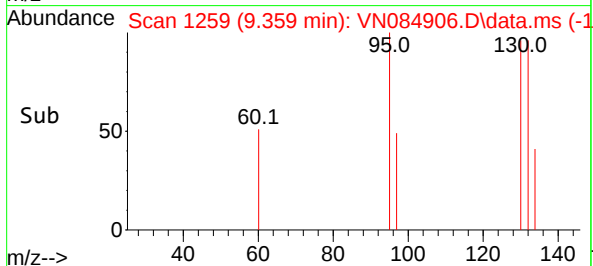
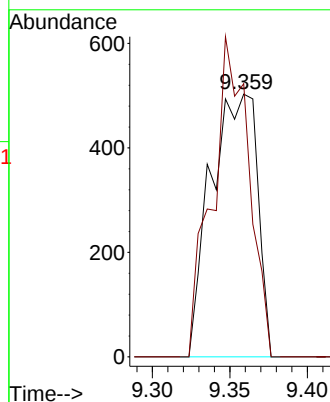
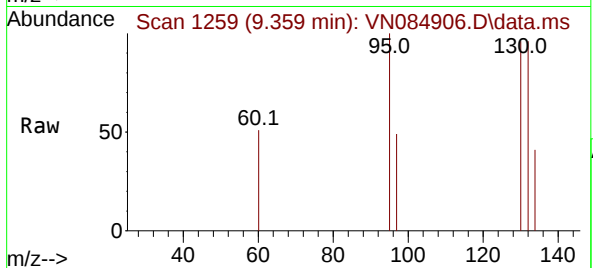
FSND-MW-23-20241112

Tgt Ion:130 Resp: 1056

Ion Ratio Lower Upper

130 100

95 104.0 0.0 203.0



#50

Toluene-d8

Concen: 46.250 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084906.D

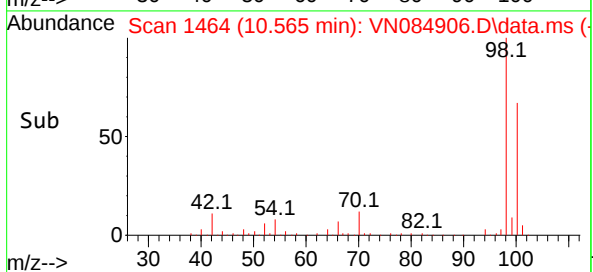
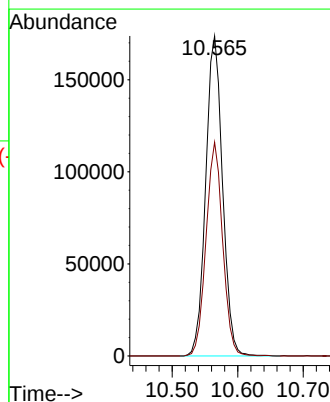
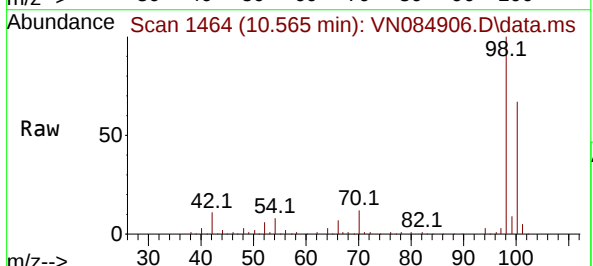
Acq: 17 Nov 2024 19:37

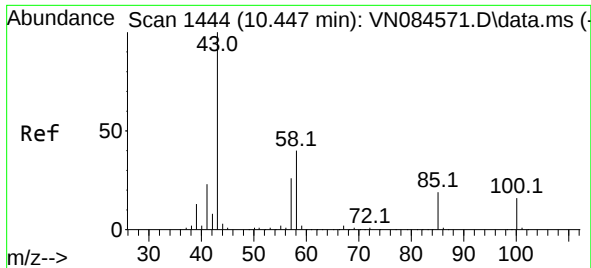
Tgt Ion: 98 Resp: 310621

Ion Ratio Lower Upper

98 100

100 66.0 52.7 79.1

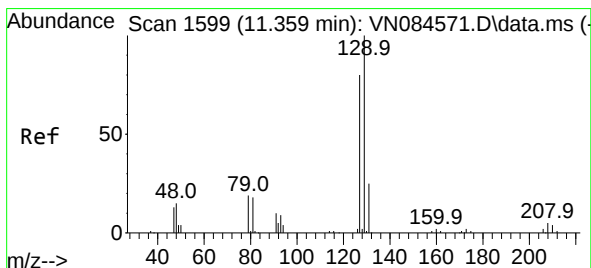
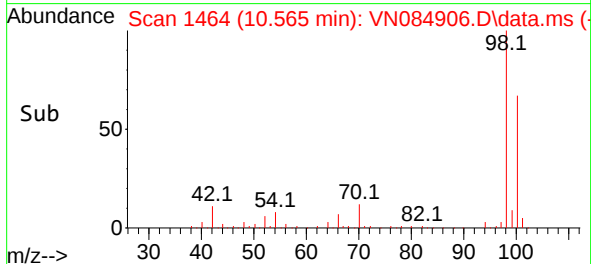
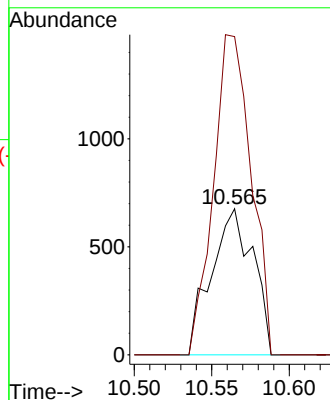
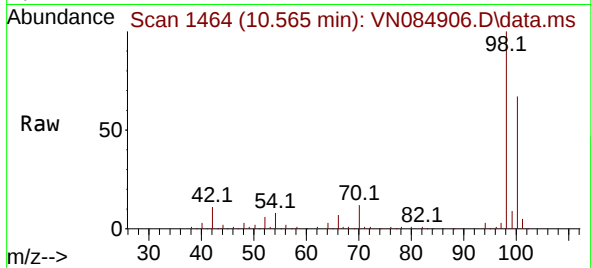




#51
4-Methyl-2-Pentanone
Concen: 0.580 ug/l
RT: 10.565 min Scan# 14
Delta R.T. 0.123 min
Lab File: VN084906.D
Acq: 17 Nov 2024 19:37

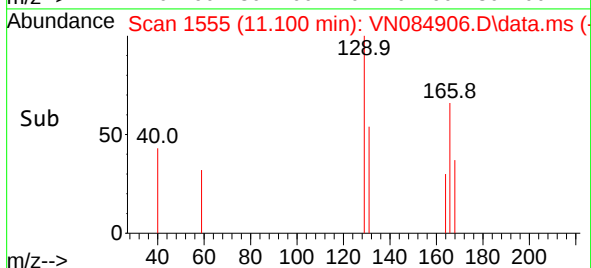
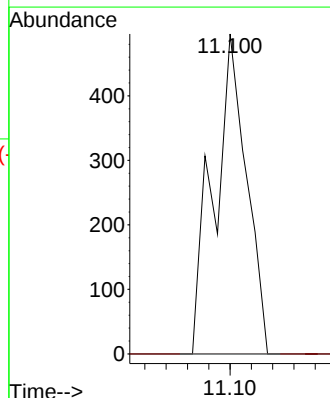
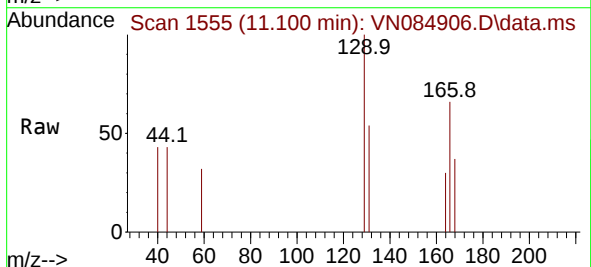
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-23-20241112

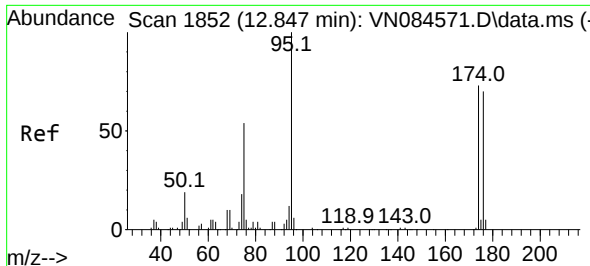
Tgt Ion: 43 Resp: 1268
Ion Ratio Lower Upper
43 100
58 198.3 31.6 47.4#



#60
Dibromochloromethane
Concen: 0.258 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.259 min
Lab File: VN084906.D
Acq: 17 Nov 2024 19:37

Tgt Ion: 129 Resp: 527
Ion Ratio Lower Upper
129 100
127 0.0 38.3 114.9#

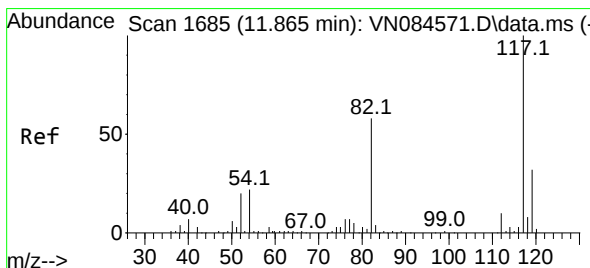
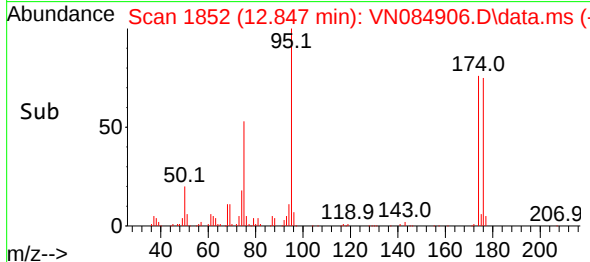
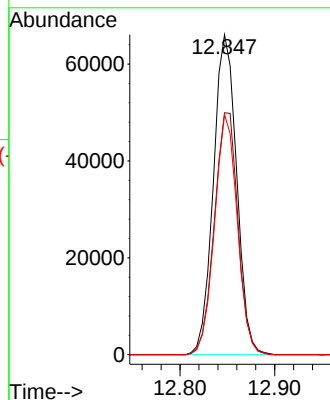
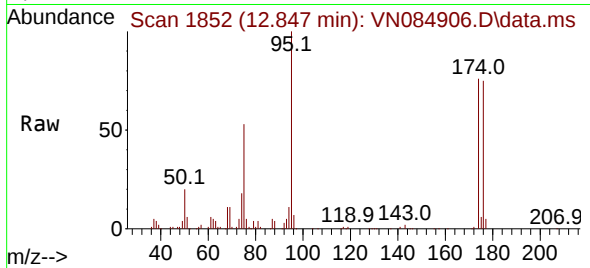




#62
4-Bromofluorobenzene
Concen: 44.871 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084906.D
Acq: 17 Nov 2024 19:37

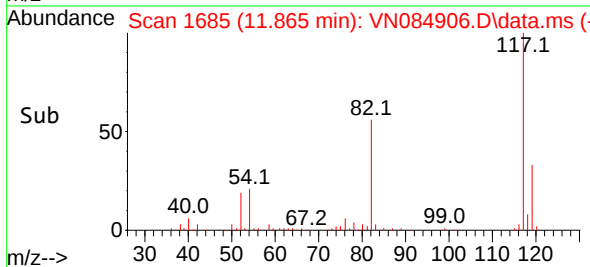
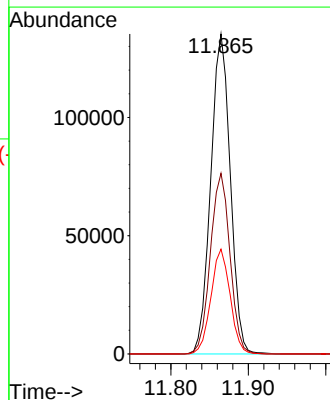
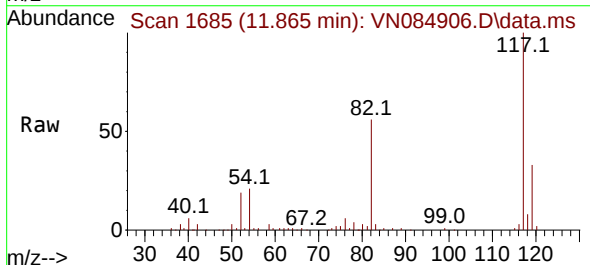
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-23-20241112

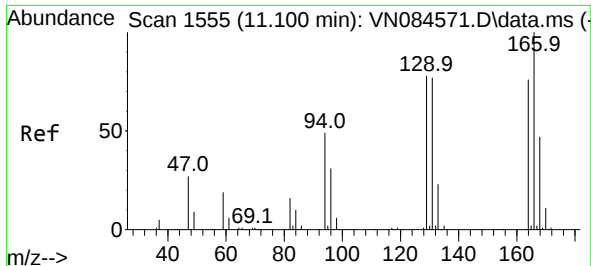
Tgt Ion:	95	Resp:	112626
Ion	Ratio	Lower	Upper
95	100		
174	77.0	0.0	145.2
176	73.4	0.0	140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084906.D
Acq: 17 Nov 2024 19:37

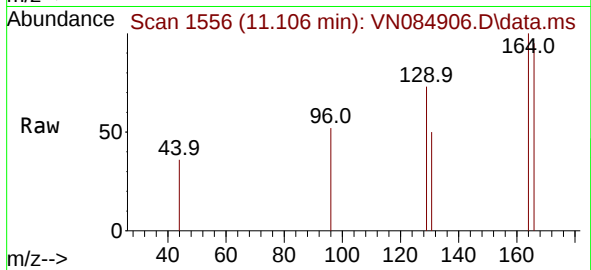
Tgt Ion:	117	Resp:	237356
Ion	Ratio	Lower	Upper
117	100		
82	56.5	47.2	70.8
119	32.8	25.4	38.0



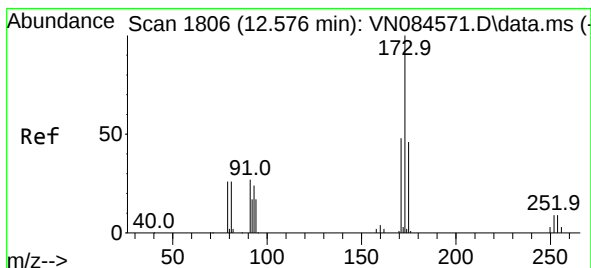
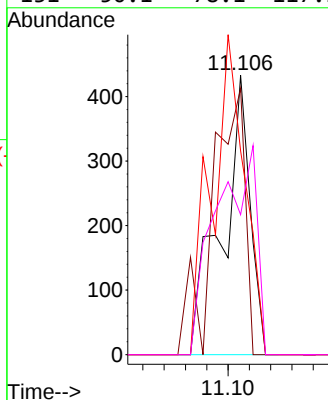
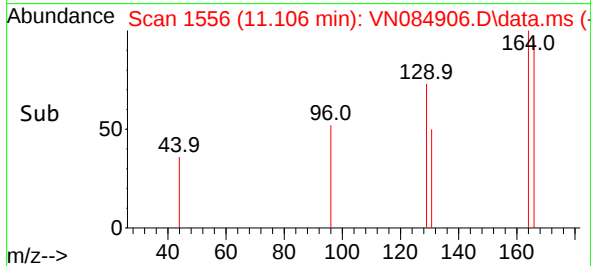


#64
Tetrachloroethene
Concen: 0.251 ug/l
RT: 11.106 min Scan# 1155
Delta R.T. 0.006 min
Lab File: VN084906.D
Acq: 17 Nov 2024 19:37

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-23-20241112

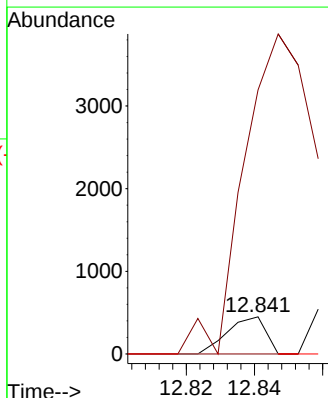
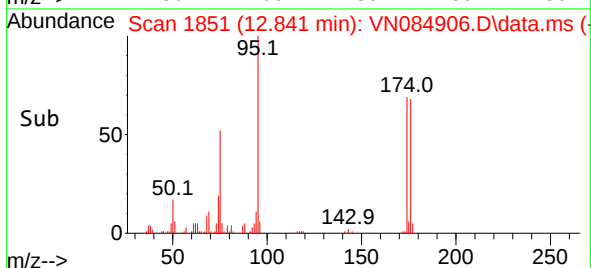
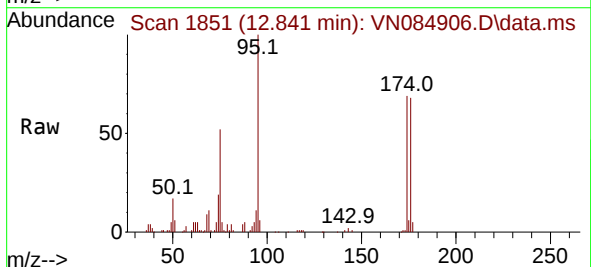


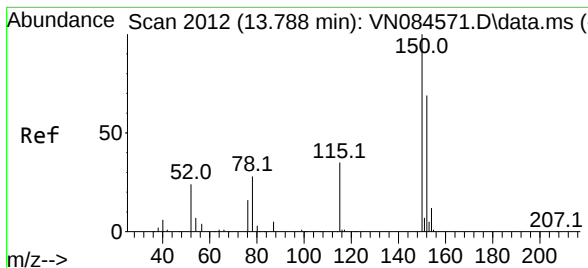
Tgt Ion:164 Resp: 397
Ion Ratio Lower Upper
164 100
166 95.4 101.0 151.4#
129 73.0 80.8 121.2#
131 50.1 78.1 117.1#



#71
Bromoform
Concen: 0.253 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN084906.D
Acq: 17 Nov 2024 19:37

Tgt Ion:173 Resp: 351
Ion Ratio Lower Upper
173 100
175 1302.0 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# 20

Delta R.T. 0.000 min

Lab File: VN084906.D

Acq: 17 Nov 2024 19:37

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-23-20241112

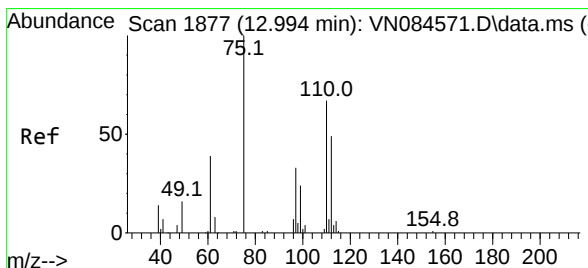
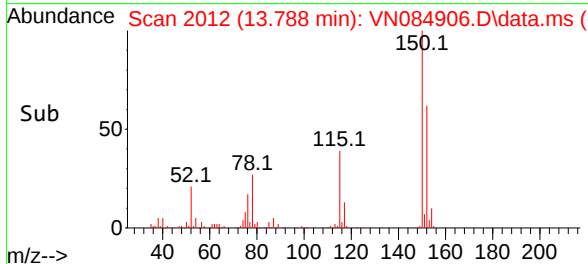
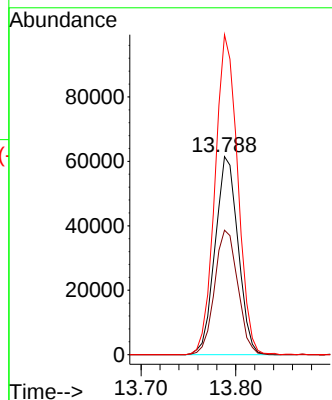
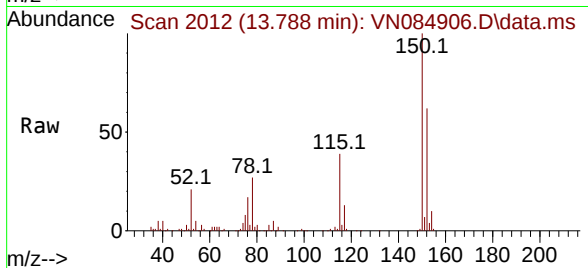
Tgt Ion:152 Resp: 103680

Ion Ratio Lower Upper

152 100

115 63.5 31.3 93.9

150 159.6 0.0 349.8



#76

1,2,3-Trichloropropane

Concen: 28.832 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN084906.D

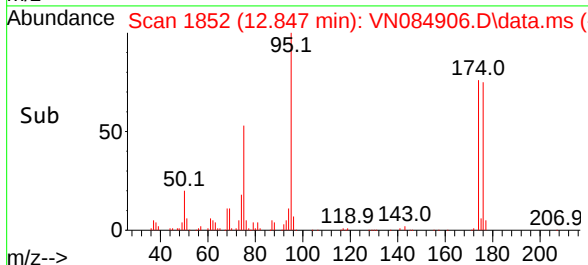
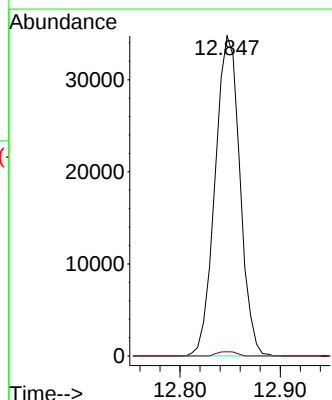
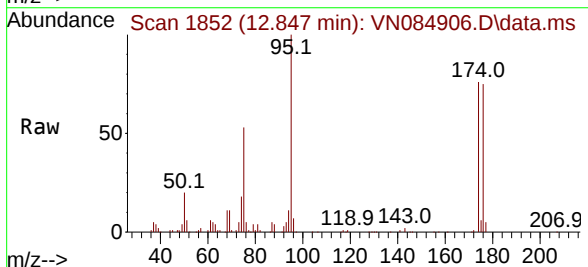
Acq: 17 Nov 2024 19:37

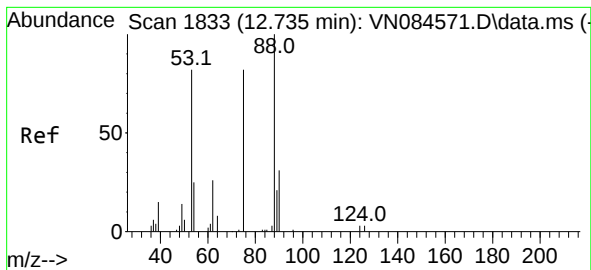
Tgt Ion: 75 Resp: 59754

Ion Ratio Lower Upper

75 100

77 1.1 96.9 290.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.400 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN084906.D
 Acq: 17 Nov 2024 19:37

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-23-20241112

Tgt Ion: 75 Resp: 59754
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 35.5 53.3#

