

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111724\
 Data File : VN084895.D
 Acq On : 17 Nov 2024 15:12
 Operator : JC\MD
 Sample : P4845-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-35-20241112

Quant Time: Nov 18 00:21:24 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)

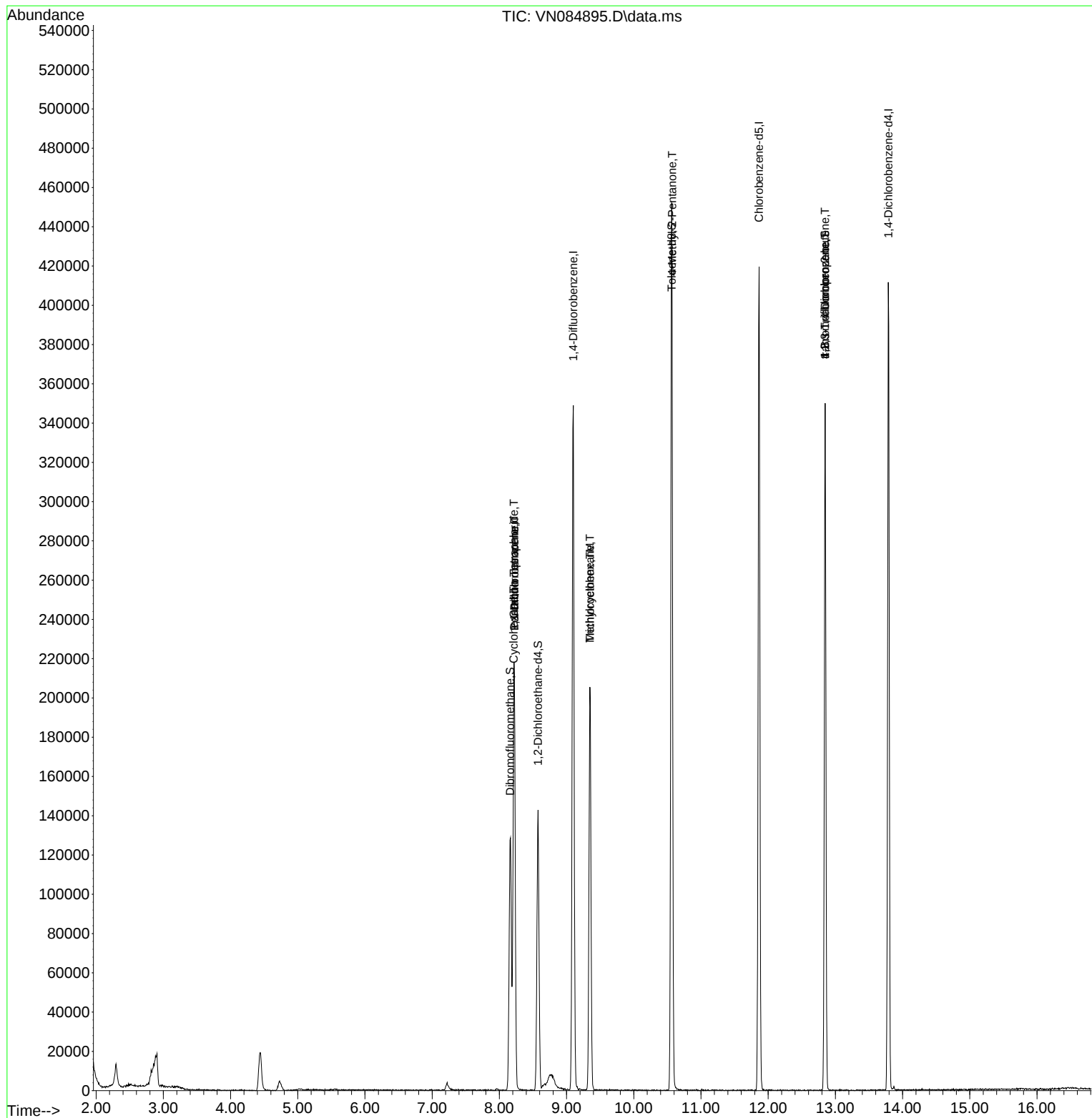
Internal Standards						
1) Pentafluorobenzene	8.224	168	158201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	298031	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	241875	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	111150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114006	49.894	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.780%		
35) Dibromofluoromethane	8.159	113	94489	46.839	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.680%		
50) Toluene-d8	10.565	98	314553	42.329	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	84.660%#		
62) 4-Bromofluorobenzene	12.847	95	121010	43.572	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	87.140%		
Target Compounds						
3) Chloromethane	2.365	50	627	Below Cal	Qvalue 97	
6) Chloroethane	3.083	64	569	Below Cal	# 45	
16) Acetone	4.424	43	459	Below Cal	# 44	
18) Methyl Acetate	5.030	43	1690	Below Cal	# 58	
31) Cyclohexane	8.212	56	3372	1.069 ug/l	# 1	
36) 1,1-Dichloropropene	8.224	75	12697	4.538 ug/l	# 52	
38) Carbon Tetrachloride	8.218	117	16877	5.397 ug/l	# 16	
39) Methylcyclohexane	9.347	83	971	0.341 ug/l	# 1	
43) Isopropyl Acetate	8.677	43	2640	Below Cal	# 56	
44) Trichloroethene	9.347	130	73128	35.291 ug/l	93	
51) 4-Methyl-2-Pentanone	10.571	43	1384	0.572 ug/l	# 1	
76) 1,2,3-Trichloropropane	12.847	75	62845	28.285 ug/l	# 1	
81) trans-1,4-Dichloro-2-b...	12.847	75	62845	67.104 ug/l	# 11	

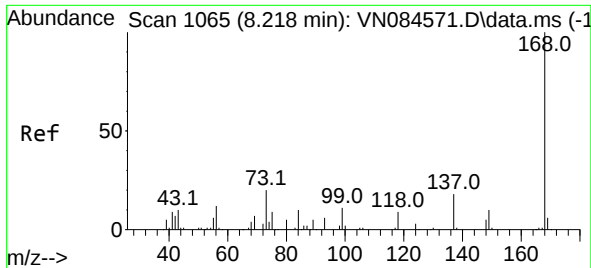
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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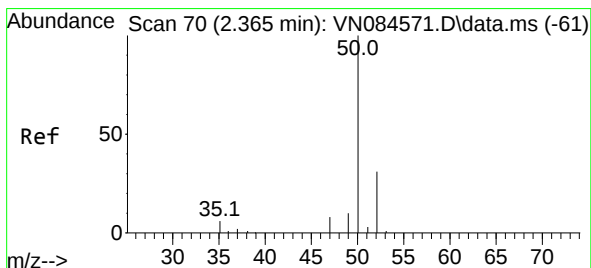
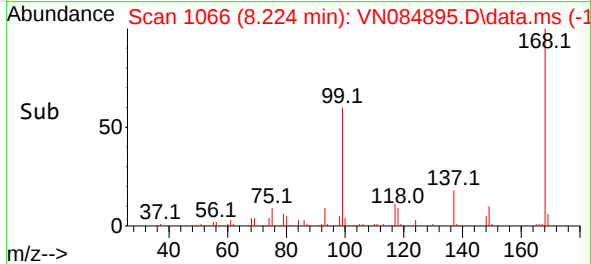
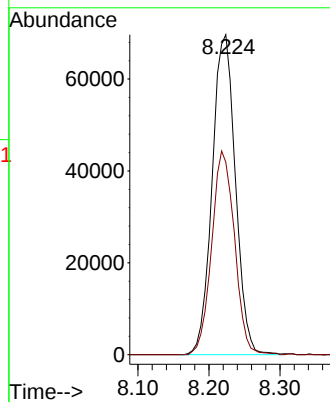
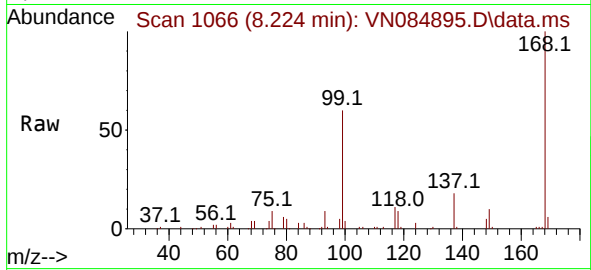




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084895.D
Acq: 17 Nov 2024 15:12

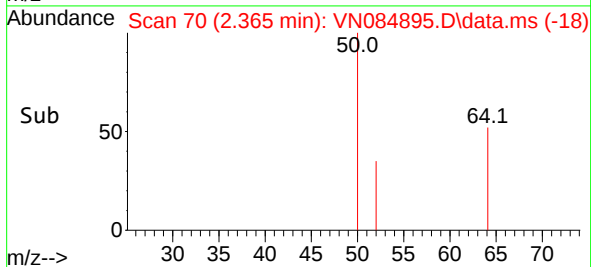
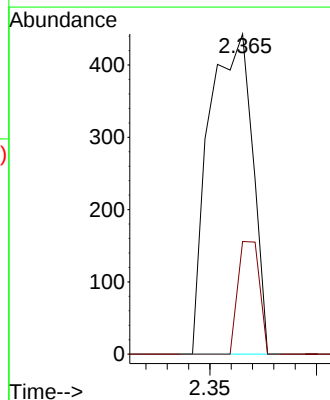
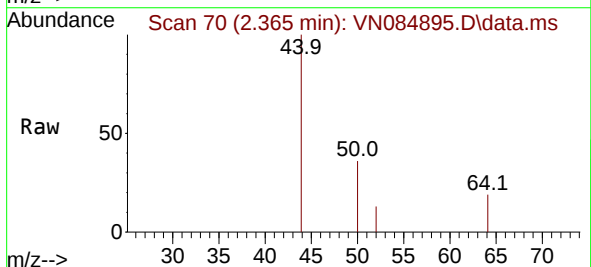
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-35-20241112

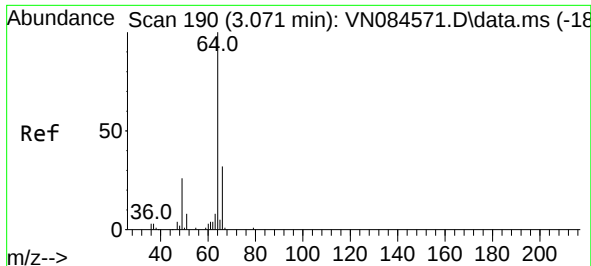
Tgt Ion:168 Resp: 158201
Ion Ratio Lower Upper
168 100
99 60.2 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084895.D
Acq: 17 Nov 2024 15:12

Tgt Ion: 50 Resp: 627
Ion Ratio Lower Upper
50 100
52 35.2 26.8 40.2

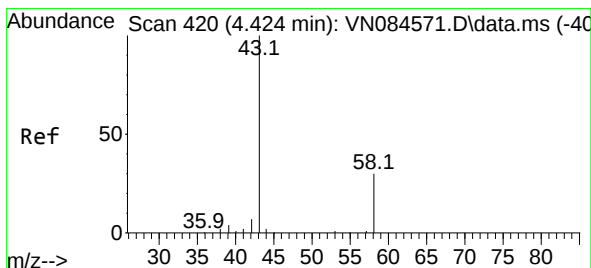
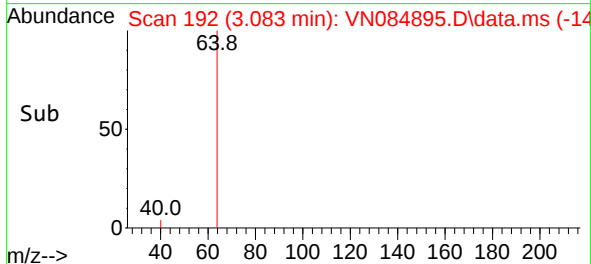
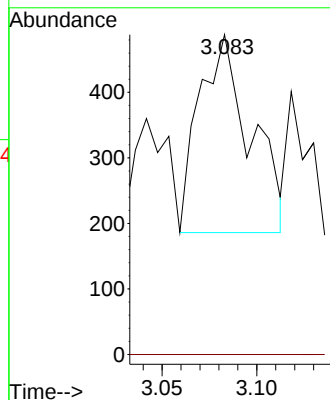
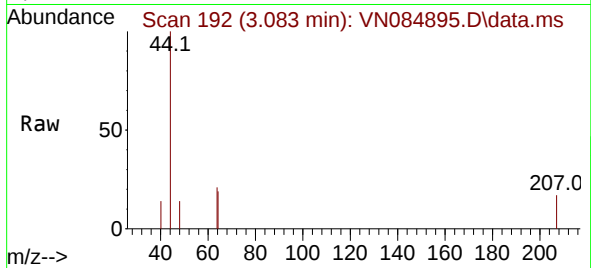




#6
Chloroethane
Concen: Below Cal
RT: 3.083 min Scan# 190
Delta R.T. -0.035 min
Lab File: VN084895.D
Acq: 17 Nov 2024 15:12

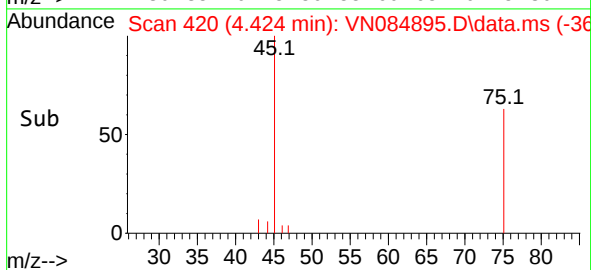
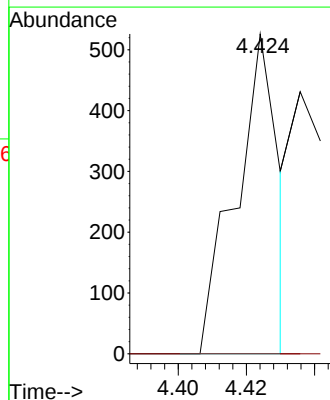
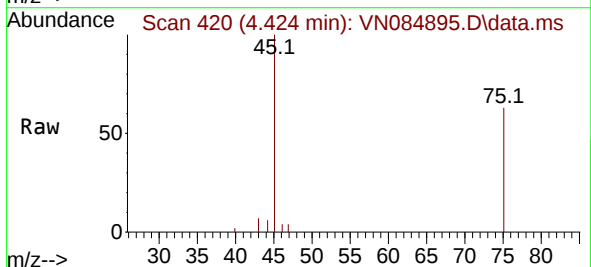
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-35-20241112

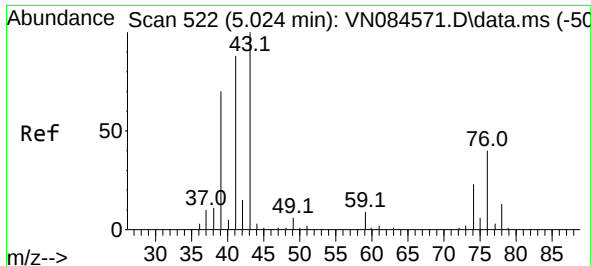
Tgt Ion: 64 Resp: 569
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#16
Acetone
Concen: Below Cal
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN084895.D
Acq: 17 Nov 2024 15:12

Tgt Ion: 43 Resp: 459
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#

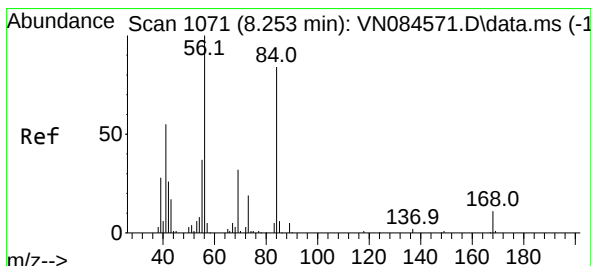
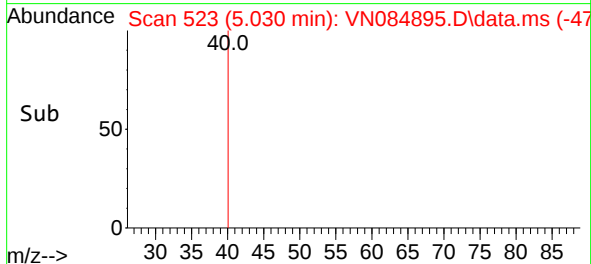
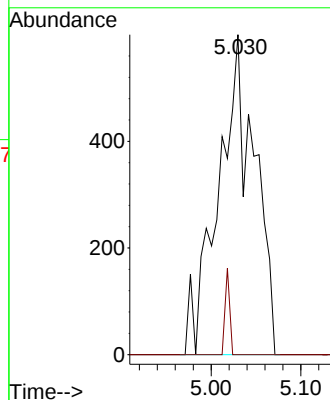
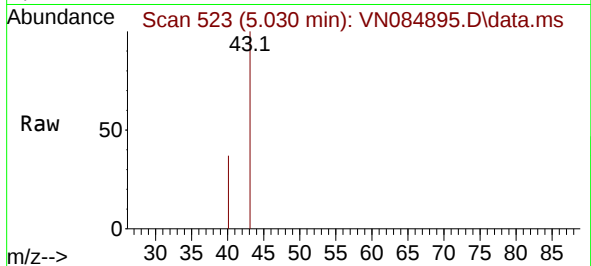




#18
Methyl Acetate
Concen: Below Cal
RT: 5.030 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN084895.D
Acq: 17 Nov 2024 15:12

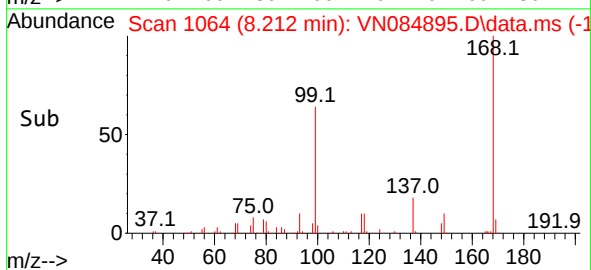
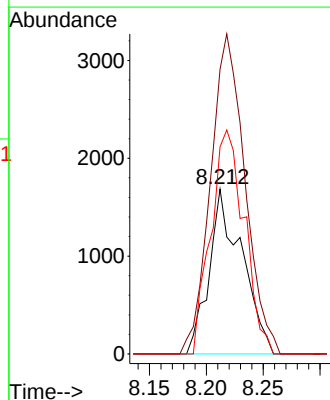
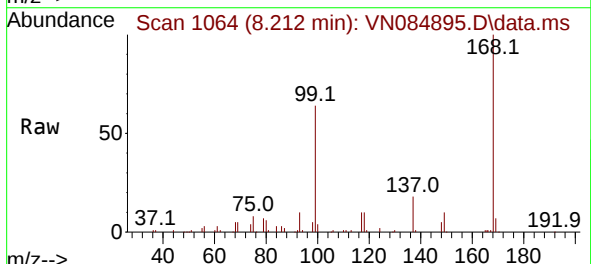
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-35-20241112

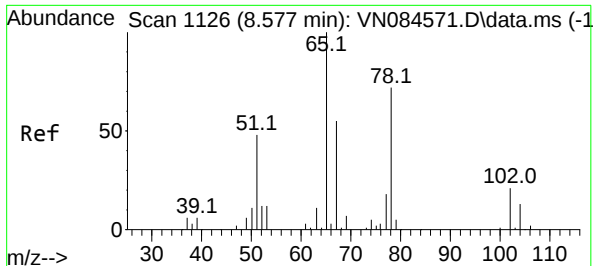
Tgt Ion: 43 Resp: 1690
Ion Ratio Lower Upper
43 100
74 3.4 19.2 28.8#



#31
Cyclohexane
Concen: 1.069 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.041 min
Lab File: VN084895.D
Acq: 17 Nov 2024 15:12

Tgt Ion: 56 Resp: 3372
Ion Ratio Lower Upper
56 100
69 172.7 23.8 35.6#
84 125.7 68.8 103.2#

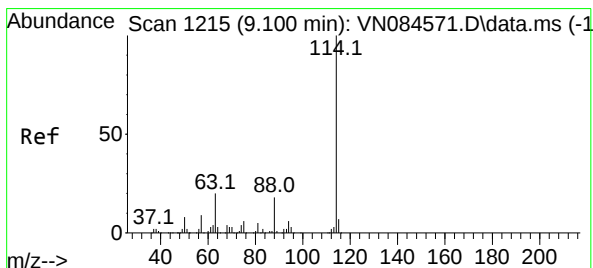
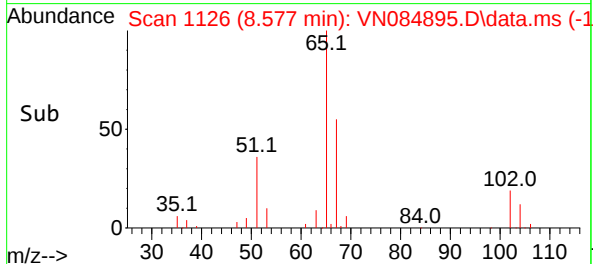
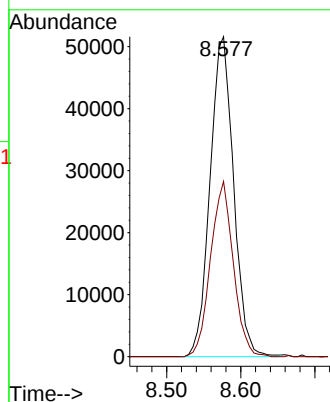
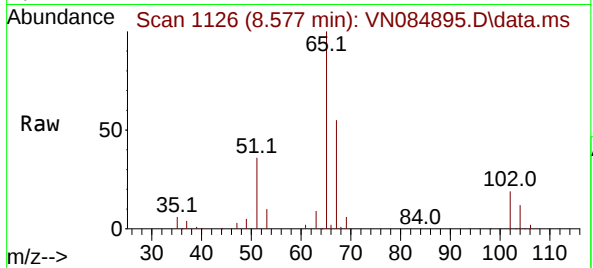




#33
1,2-Dichloroethane-d4
Concen: 49.894 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084895.D
Acq: 17 Nov 2024 15:12

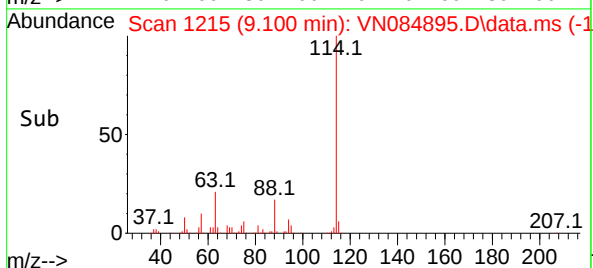
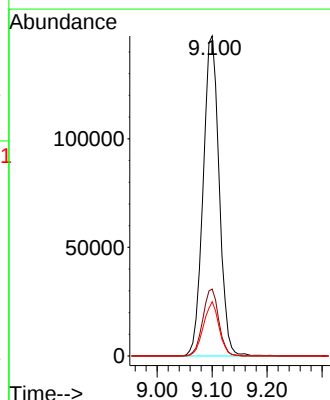
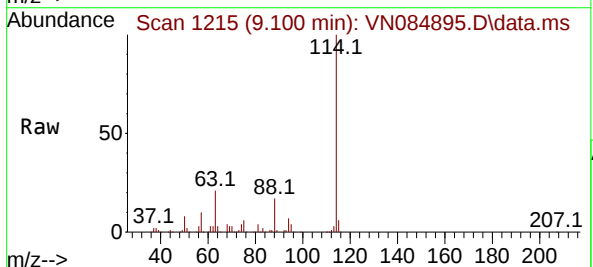
Instrument :
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ClientSampleId :
FSND-MW-35-20241112

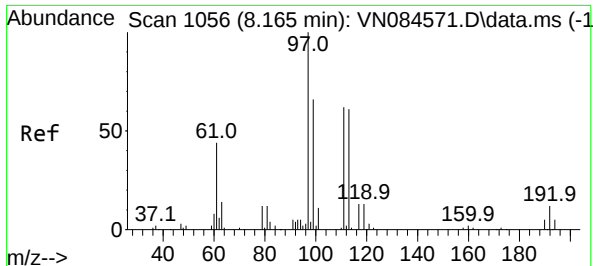
Tgt Ion: 65 Resp: 114006
Ion Ratio Lower Upper
65 100
67 52.9 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084895.D
Acq: 17 Nov 2024 15:12

Tgt Ion: 114 Resp: 298031
Ion Ratio Lower Upper
114 100
63 20.9 0.0 43.8
88 17.0 0.0 31.6





#35

Dibromofluoromethane

Concen: 46.839 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN084895.D

Acq: 17 Nov 2024 15:12

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-35-20241112

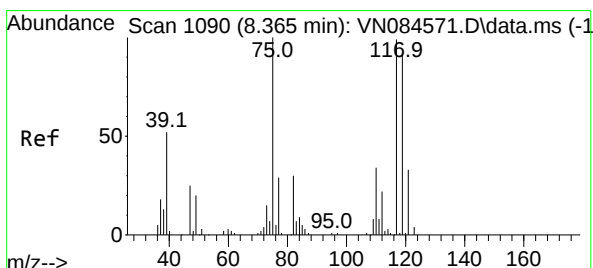
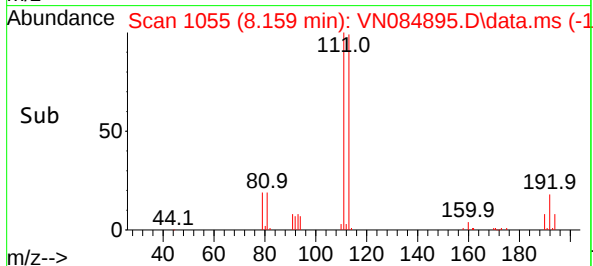
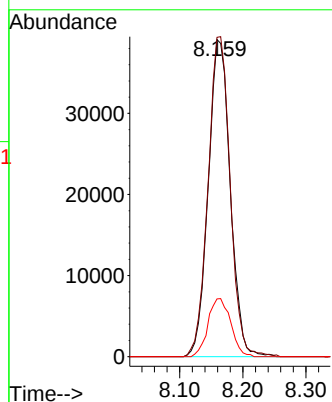
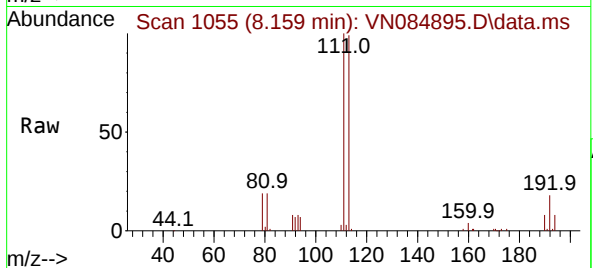
Tgt Ion:113 Resp: 94489

Ion Ratio Lower Upper

113 100

111 101.6 83.3 124.9

192 18.9 13.5 20.3



#36

1,1-Dichloropropene

Concen: 4.538 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084895.D

Acq: 17 Nov 2024 15:12

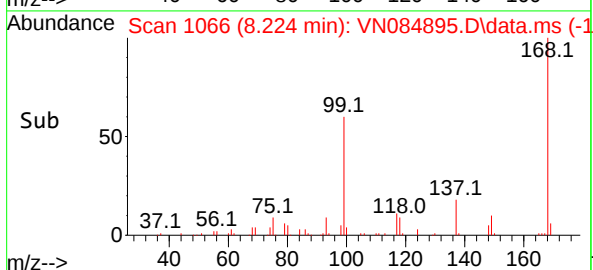
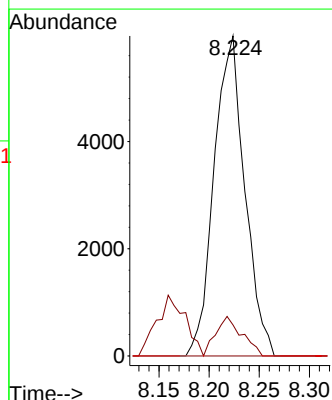
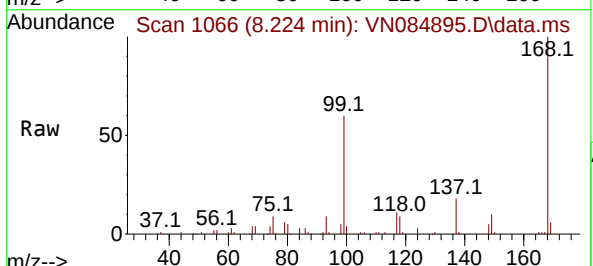
Tgt Ion: 75 Resp: 12697

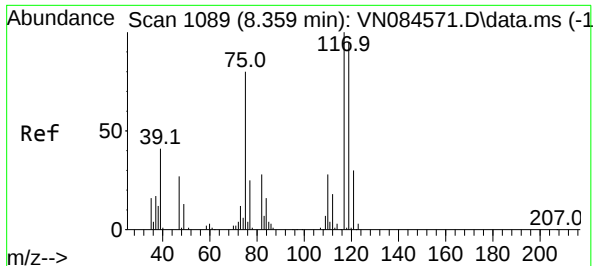
Ion Ratio Lower Upper

75 100

110 10.5 16.9 50.7#

77 0.0 24.7 37.1#

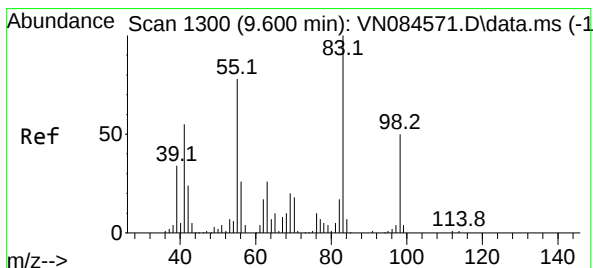
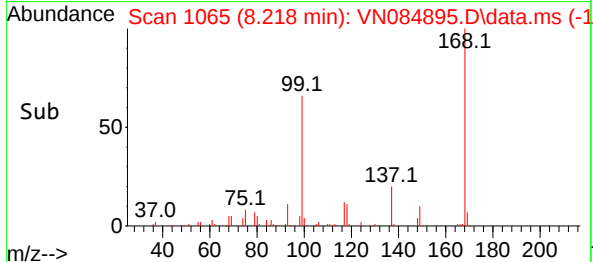
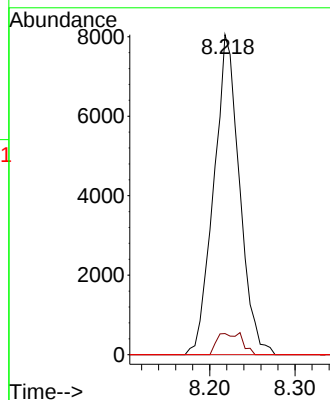
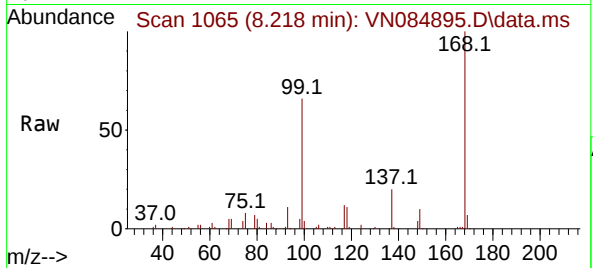




#38
Carbon Tetrachloride
Concen: 5.397 ug/l
RT: 8.218 min Scan# 117
Delta R.T. -0.141 min
Lab File: VN084895.D
Acq: 17 Nov 2024 15:12

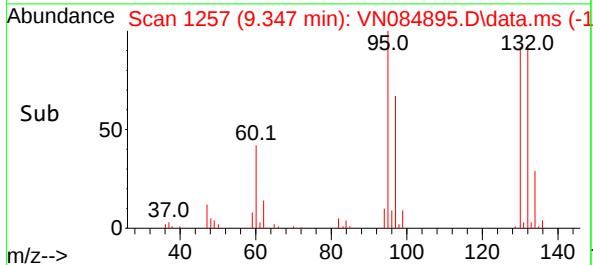
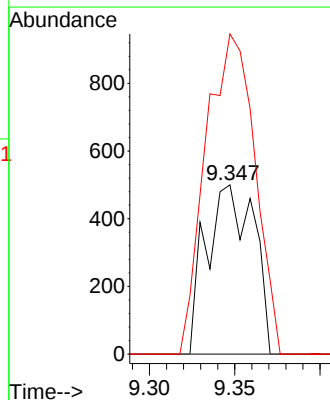
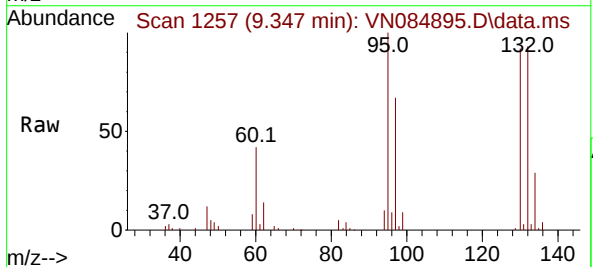
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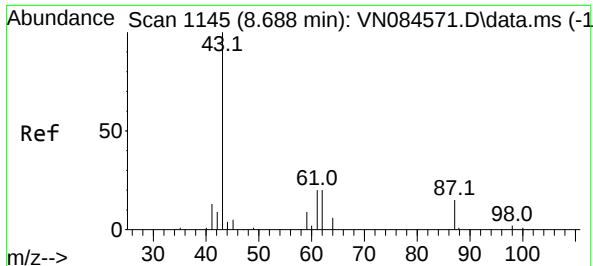
Tgt Ion:117 Resp: 16877
Ion Ratio Lower Upper
117 100
119 6.6 78.7 118.1#
121 0.0 24.4 36.6#



#39
Methylcyclohexane
Concen: 0.341 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.253 min
Lab File: VN084895.D
Acq: 17 Nov 2024 15:12

Tgt Ion: 83 Resp: 971
Ion Ratio Lower Upper
83 100
55 0.0 62.8 94.2#
98 189.2 38.8 58.2#





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.677 min Scan# 1143

Delta R.T. -0.011 min

Lab File: VN084895.D

Acq: 17 Nov 2024 15:12

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-35-20241112

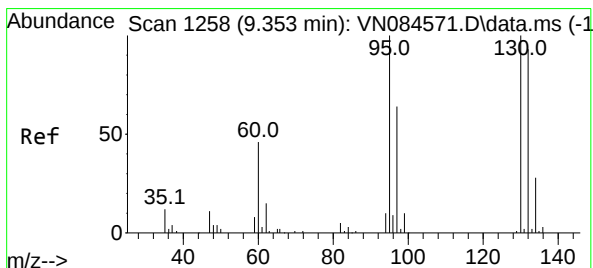
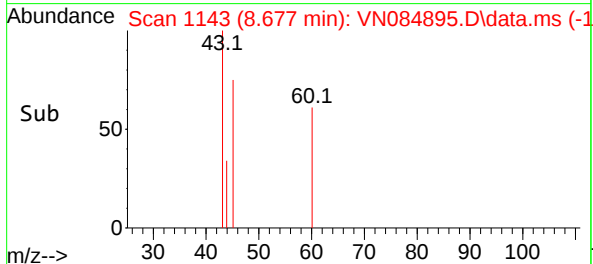
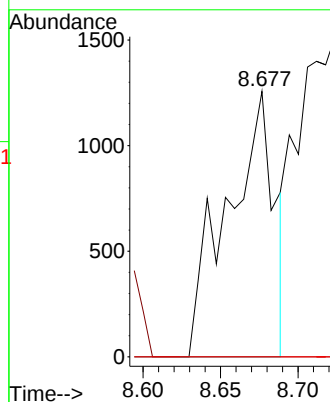
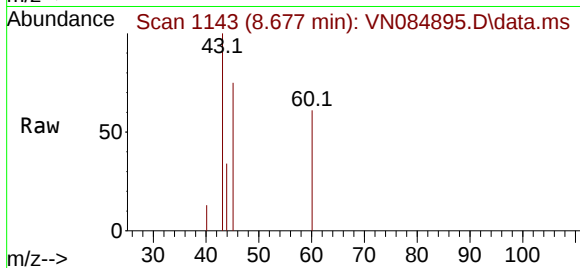
Tgt Ion: 43 Resp: 2640

Ion Ratio Lower Upper

43 100

61 0.0 20.4 30.6#

87 0.0 10.3 15.5#



#44

Trichloroethene

Concen: 35.291 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. 0.000 min

Lab File: VN084895.D

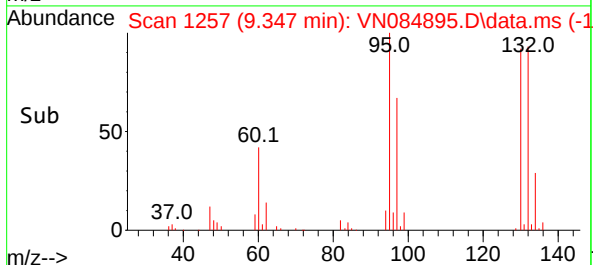
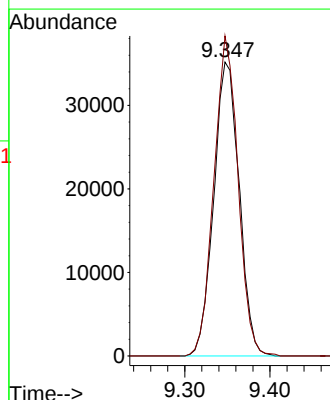
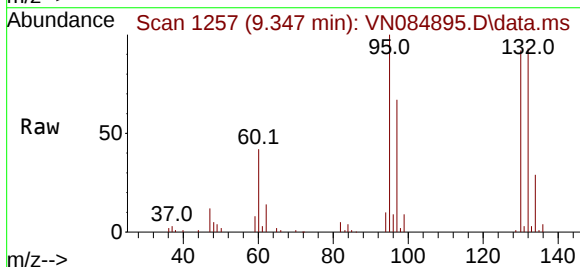
Acq: 17 Nov 2024 15:12

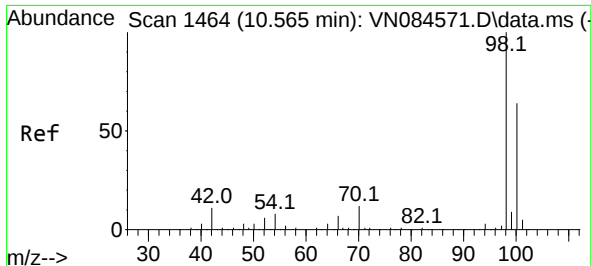
Tgt Ion:130 Resp: 73128

Ion Ratio Lower Upper

130 100

95 108.9 0.0 203.0

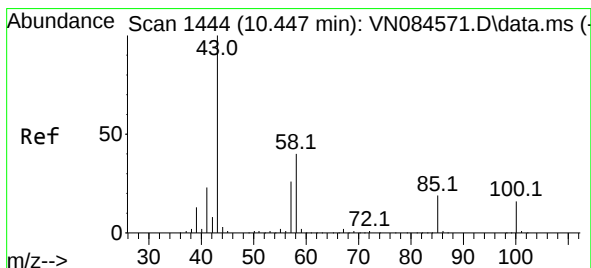
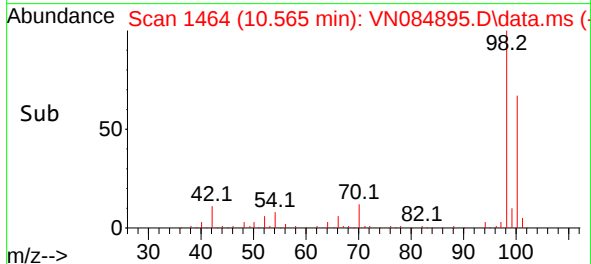
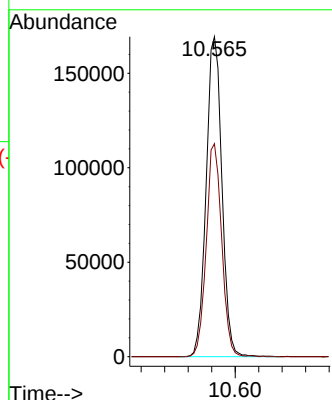
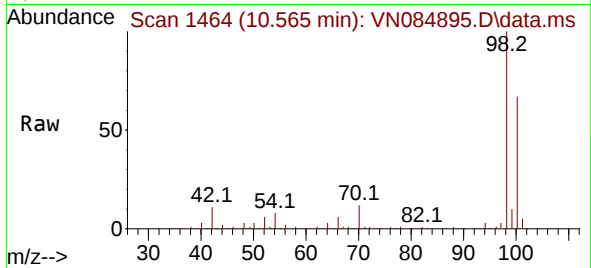




#50
Toluene-d8
Concen: 42.329 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084895.D
Acq: 17 Nov 2024 15:12

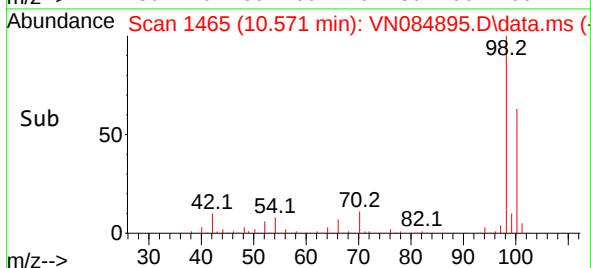
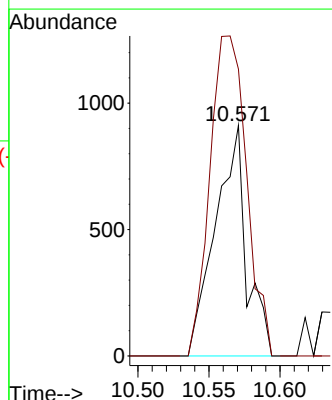
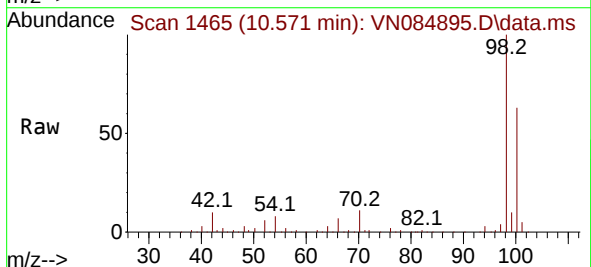
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-35-20241112

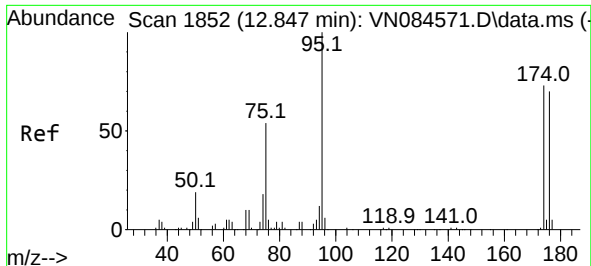
Tgt Ion: 98 Resp: 314553
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.572 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.129 min
Lab File: VN084895.D
Acq: 17 Nov 2024 15:12

Tgt Ion: 43 Resp: 1384
Ion Ratio Lower Upper
43 100
58 164.6 31.6 47.4#

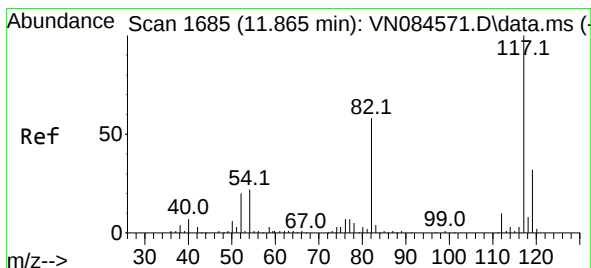
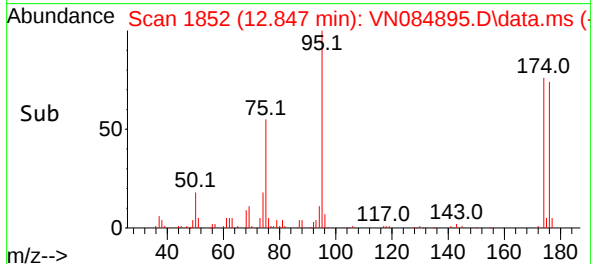
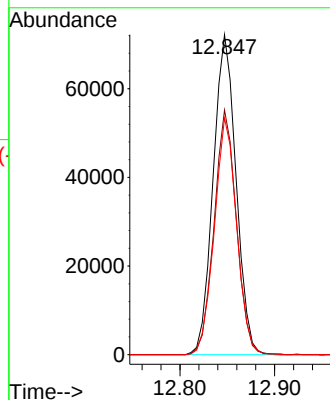
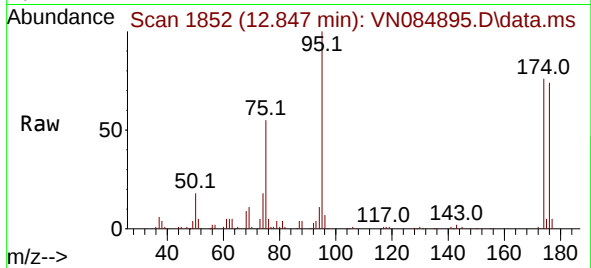




#62
4-Bromofluorobenzene
Concen: 43.572 ug/l
RT: 12.847 min Scan# 1189
Delta R.T. 0.000 min
Lab File: VN084895.D
Acq: 17 Nov 2024 15:12

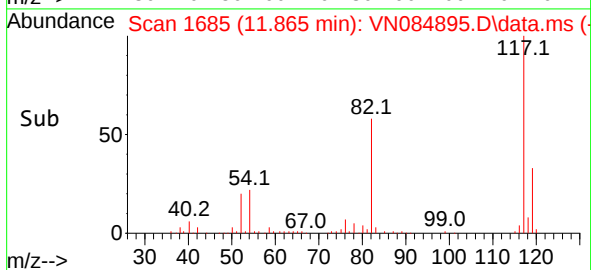
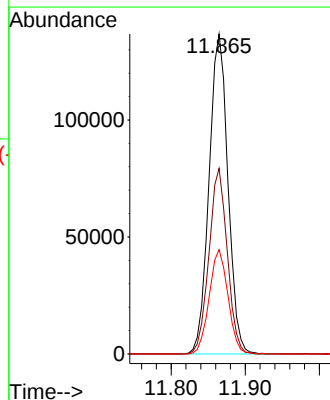
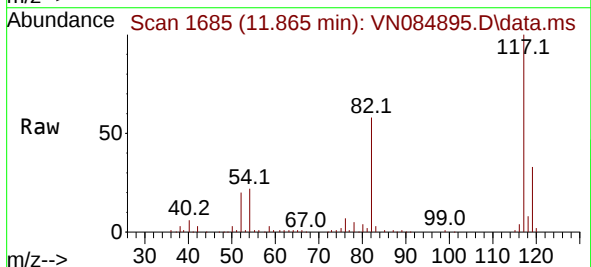
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-35-20241112

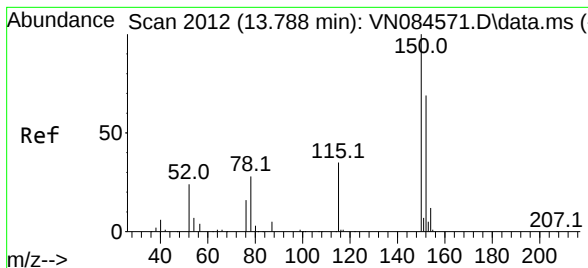
Tgt Ion: 95 Resp: 121010
Ion Ratio Lower Upper
95 100
174 74.5 0.0 145.2
176 72.1 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084895.D
Acq: 17 Nov 2024 15:12

Tgt Ion: 117 Resp: 241875
Ion Ratio Lower Upper
117 100
82 58.0 47.2 70.8
119 32.6 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: VN084895.D

Acq: 17 Nov 2024 15:12

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-35-20241112

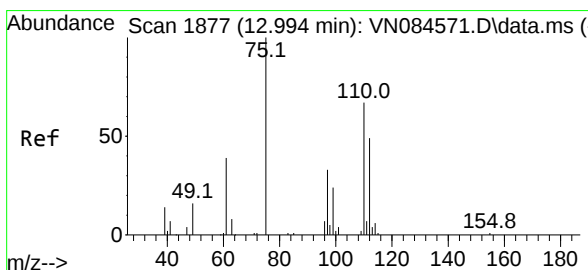
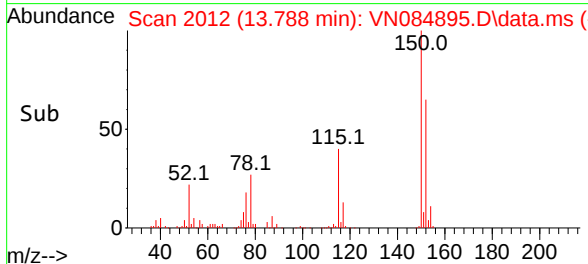
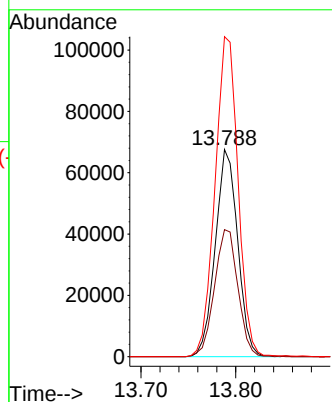
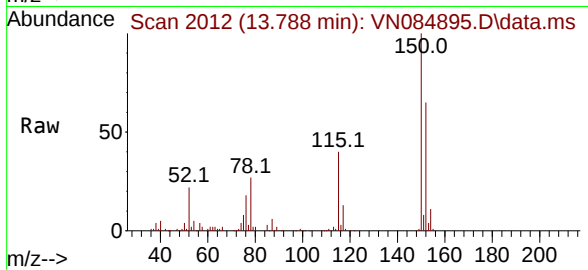
Tgt Ion:152 Resp: 111150

Ion Ratio Lower Upper

152 100

115 64.0 31.3 93.9

150 158.9 0.0 349.8



#76

1,2,3-Trichloropropane

Concen: 28.285 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN084895.D

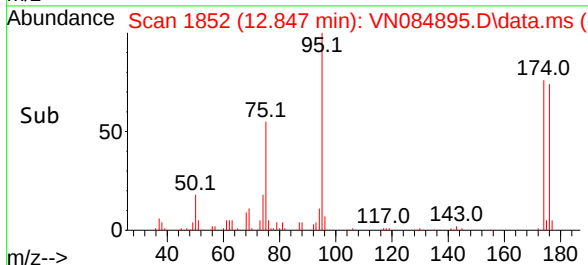
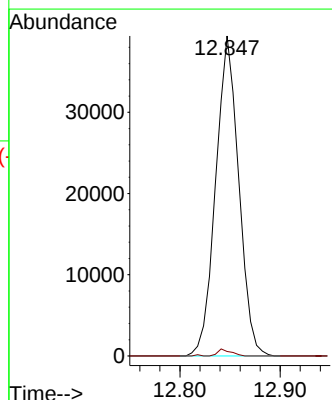
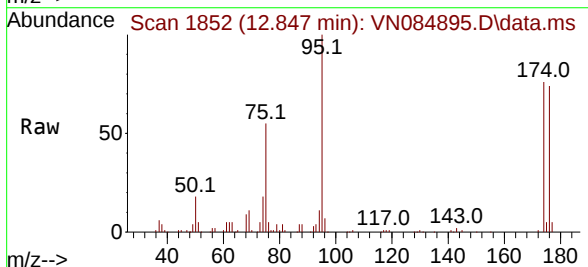
Acq: 17 Nov 2024 15:12

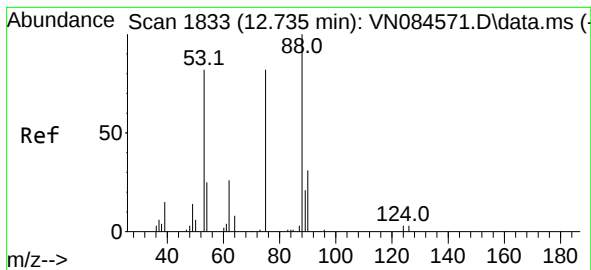
Tgt Ion: 75 Resp: 62845

Ion Ratio Lower Upper

75 100

77 1.2 96.9 290.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 67.104 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN084895.D
Acq: 17 Nov 2024 15:12

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-35-20241112

Tgt Ion: 75 Resp: 62845
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#

