

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111724\
 Data File : VN084903.D
 Acq On : 17 Nov 2024 18:25
 Operator : JC\MD
 Sample : P4845-18
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-FD-2-20241111

Quant Time: Nov 18 00:24:53 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)

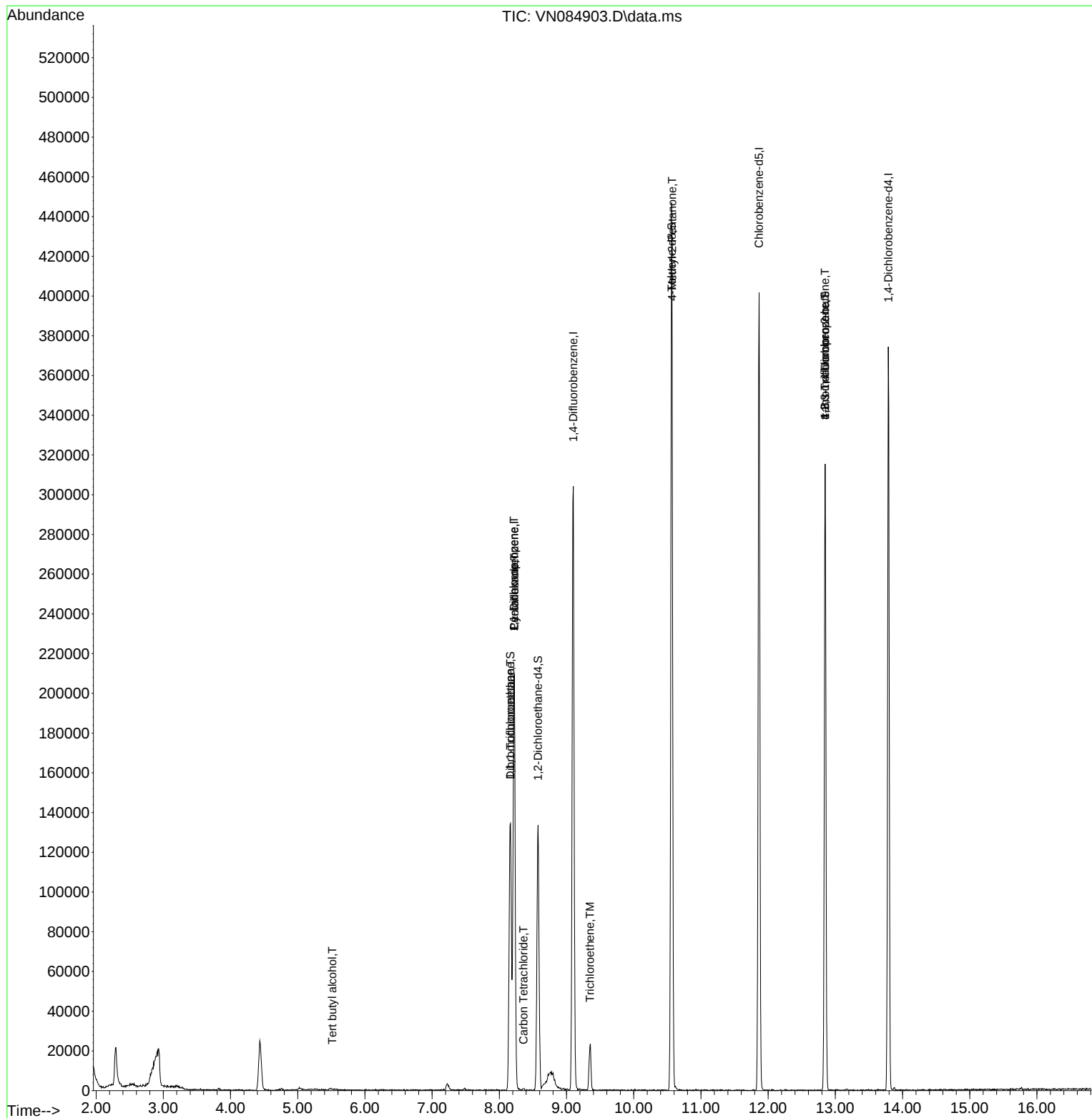
Internal Standards						
1) Pentafluorobenzene	8.224	168	153393	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	262761	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	229735	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	101267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	109706	49.517	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.040%		
35) Dibromofluoromethane	8.165	113	90712	51.003	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.000%		
50) Toluene-d8	10.565	98	302331	46.145	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.300%		
62) 4-Bromofluorobenzene	12.847	95	108981	44.508	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	89.020%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	482	Below Cal	#	41
6) Chloroethane	3.136	64	518	Below Cal	#	45
11) Tert butyl alcohol	5.512	59	128	0.438	ug/l #	73
16) Acetone	4.436	43	1494	Below Cal	#	71
18) Methyl Acetate	5.018	43	1379	Below Cal	#	85
31) Cyclohexane	8.224	56	3224	1.054	ug/l #	1
32) 1,1,1-Trichloroethane	8.165	97	12438	3.973	ug/l	90
36) 1,1-Dichloropropene	8.218	75	11799	4.783	ug/l #	52
38) Carbon Tetrachloride	8.359	117	610	0.221	ug/l #	44
43) Isopropyl Acetate	8.665	43	2449	Below Cal	#	56
44) Trichloroethene	9.347	130	9106	4.984	ug/l	95
51) 4-Methyl-2-Pentanone	10.571	43	1154	0.541	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	56964	28.140	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	56964	66.760	ug/l #	11

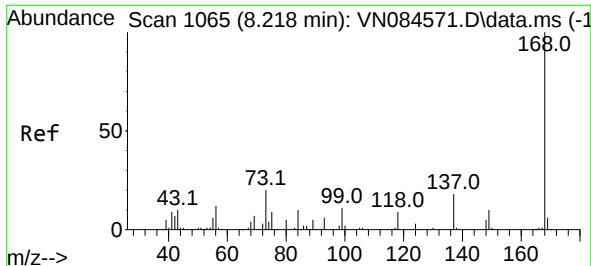
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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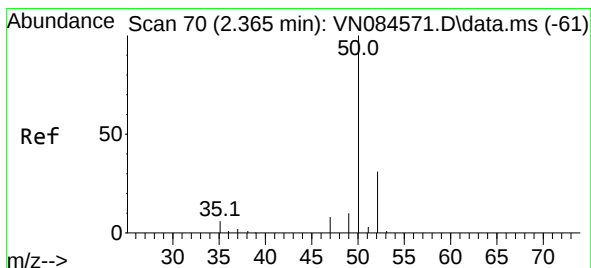
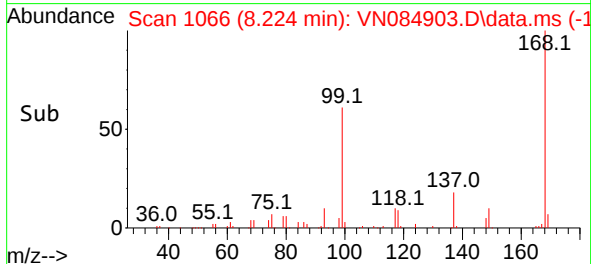
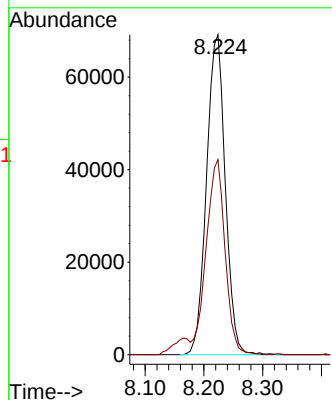
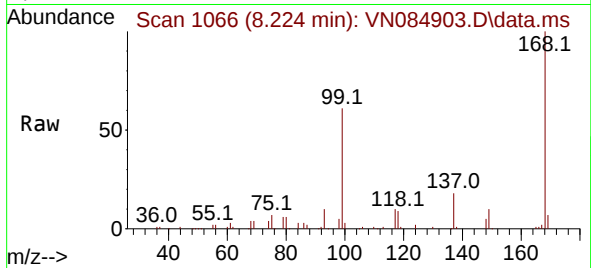




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084903.D
Acq: 17 Nov 2024 18:25

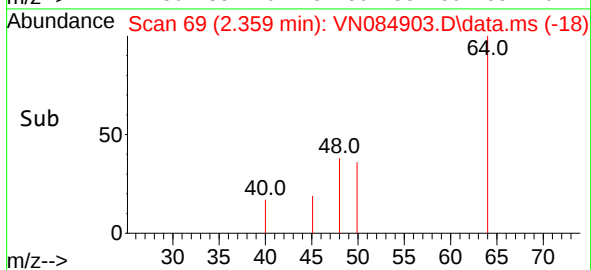
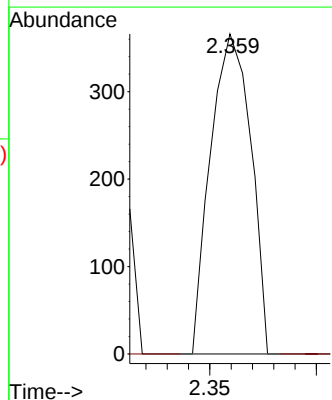
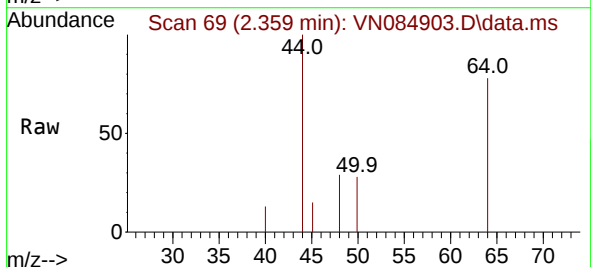
Instrument :
MSVOA_N
ClientSampleId :
FSND-FD-2-20241111

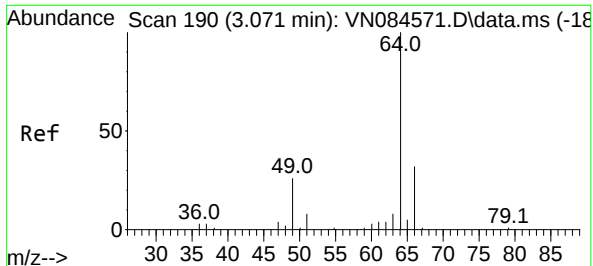
Tgt Ion:168 Resp: 153393
Ion Ratio Lower Upper
168 100
99 60.7 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084903.D
Acq: 17 Nov 2024 18:25

Tgt Ion: 50 Resp: 482
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

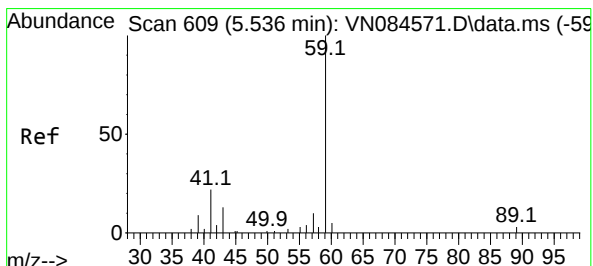
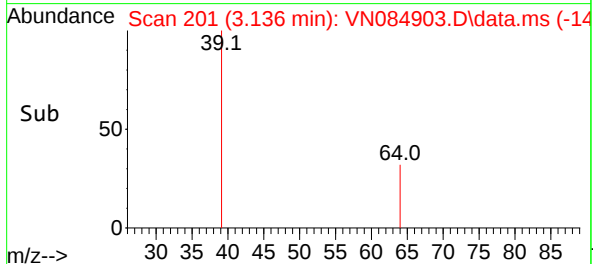
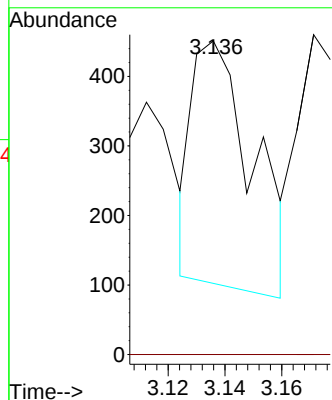
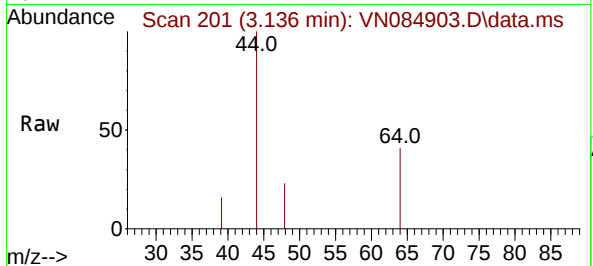




#6
Chloroethane
Concen: Below Cal
RT: 3.136 min Scan# 20
Delta R.T. 0.018 min
Lab File: VN084903.D
Acq: 17 Nov 2024 18:25

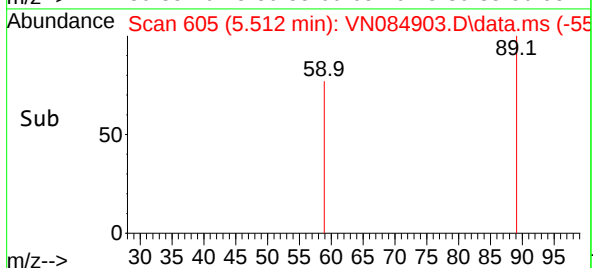
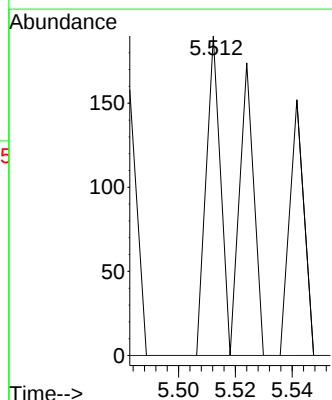
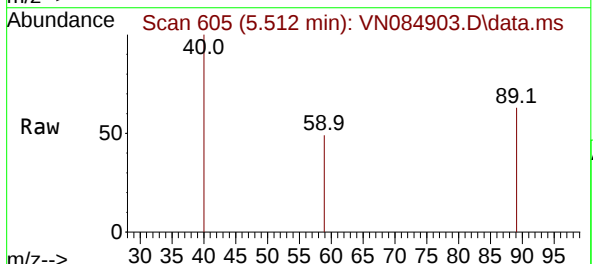
Instrument :
MSVOA_N
ClientSampleId :
FSND-FD-2-20241111

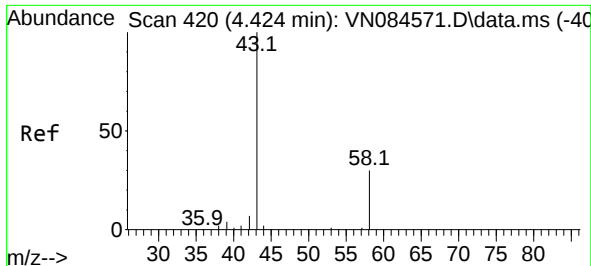
Tgt Ion: 64 Resp: 518
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#11
Tert butyl alcohol
Concen: 0.438 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.012 min
Lab File: VN084903.D
Acq: 17 Nov 2024 18:25

Tgt Ion: 59 Resp: 128
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

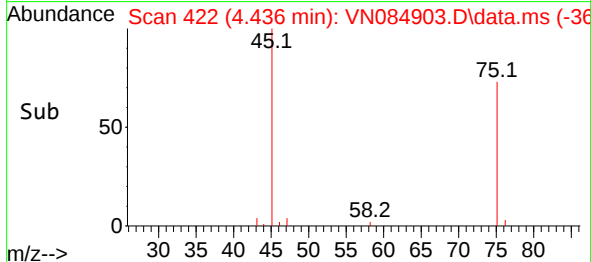
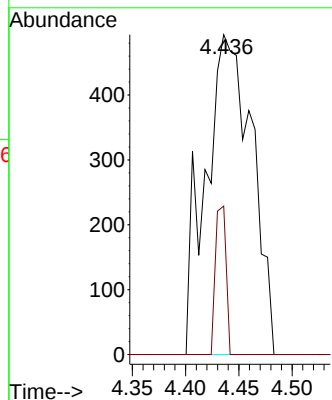
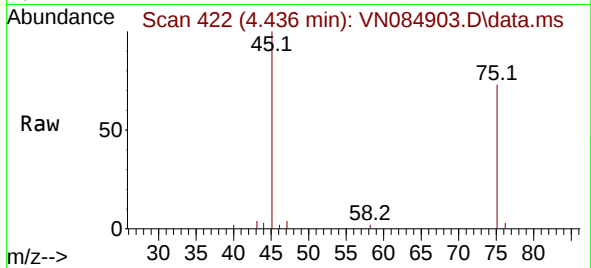




#16
Acetone
Concen: Below Cal
RT: 4.436 min Scan# 431
Delta R.T. 0.012 min
Lab File: VN084903.D
Acq: 17 Nov 2024 18:25

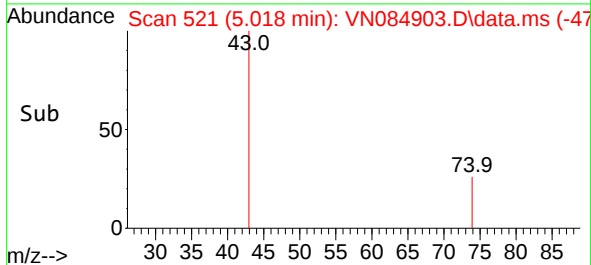
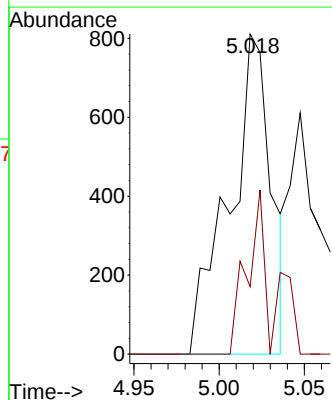
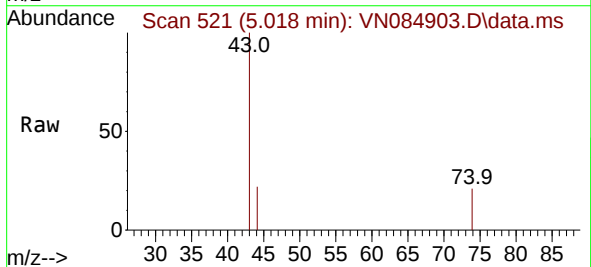
Instrument :
MSVOA_N
ClientSampleId :
FSND-FD-2-20241111

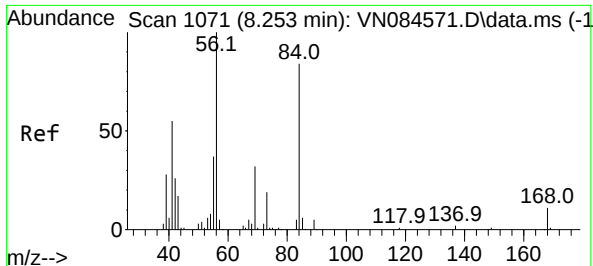
Tgt Ion: 43 Resp: 1494
Ion Ratio Lower Upper
43 100
58 46.5 24.4 36.6#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN084903.D
Acq: 17 Nov 2024 18:25

Tgt Ion: 43 Resp: 1379
Ion Ratio Lower Upper
43 100
74 31.3 19.2 28.8#

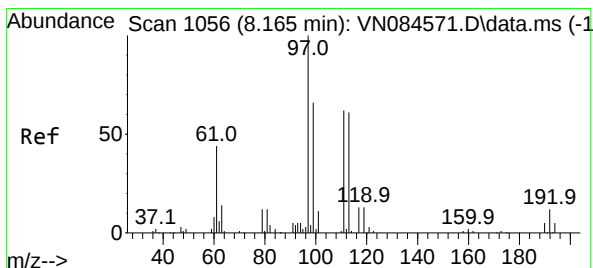
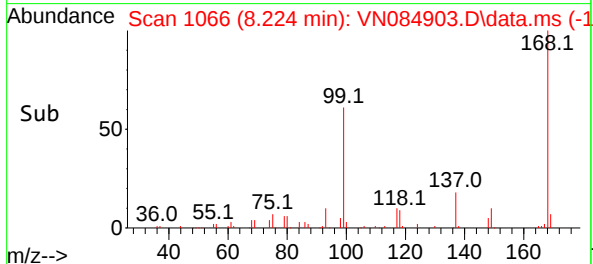
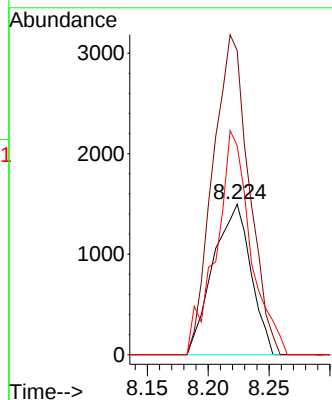
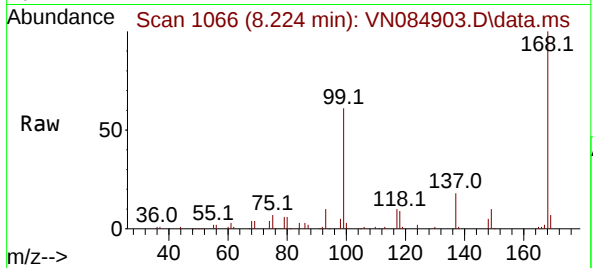




#31
Cyclohexane
Concen: 1.054 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084903.D
Acq: 17 Nov 2024 18:25

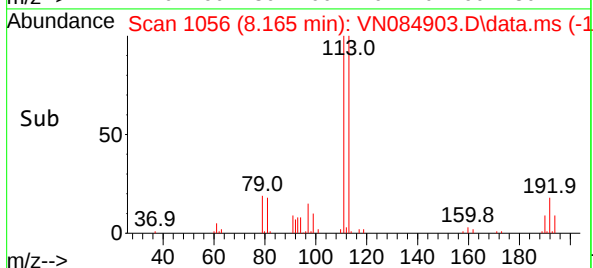
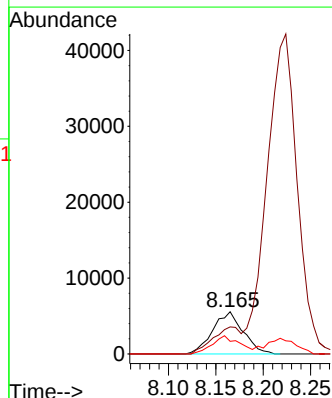
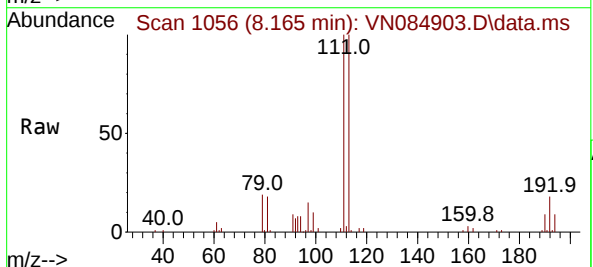
Instrument :
MSVOA_N
ClientSampleId :
FSND-FD-2-20241111

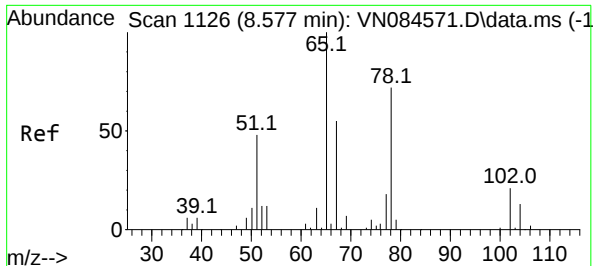
Tgt Ion: 56 Resp: 3224
Ion Ratio Lower Upper
56 100
69 202.2 23.8 35.6#
84 138.9 68.8 103.2#



#32
1,1,1-Trichloroethane
Concen: 3.973 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084903.D
Acq: 17 Nov 2024 18:25

Tgt Ion: 97 Resp: 12438
Ion Ratio Lower Upper
97 100
99 58.3 51.2 76.8
61 38.5 37.5 56.3





#33

1,2-Dichloroethane-d4

Concen: 49.517 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084903.D

Acq: 17 Nov 2024 18:25

Instrument :

MSVOA_N

ClientSampleId :

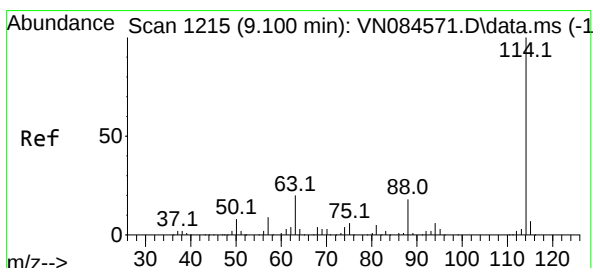
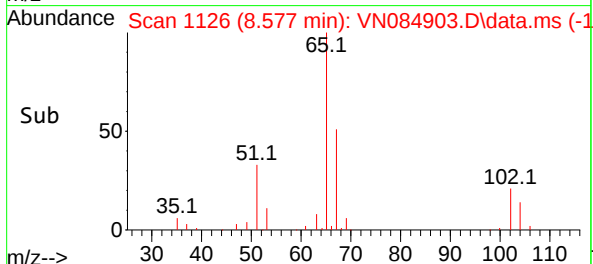
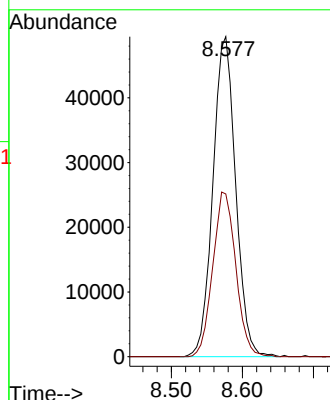
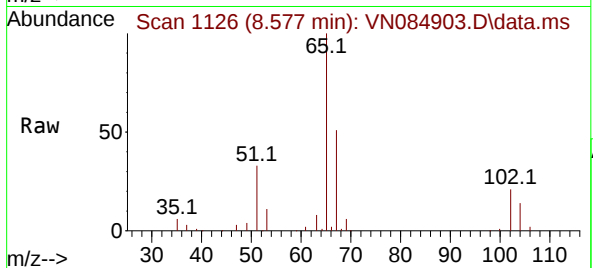
FSND-FD-2-20241111

Tgt Ion: 65 Resp: 109706

Ion Ratio Lower Upper

65 100

67 52.2 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: VN084903.D

Acq: 17 Nov 2024 18:25

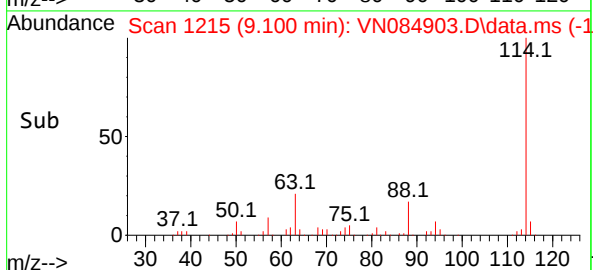
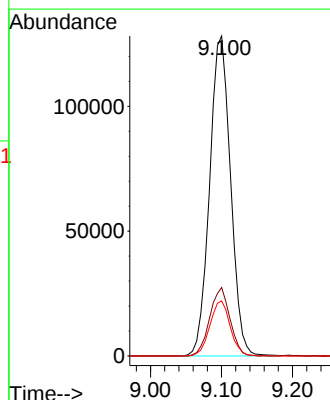
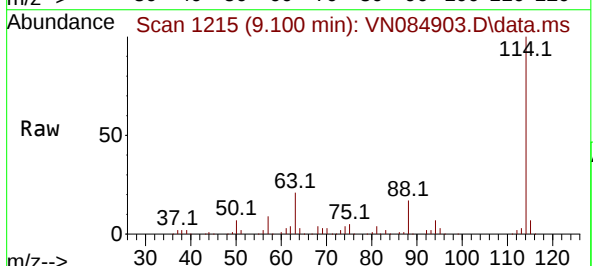
Tgt Ion: 114 Resp: 262761

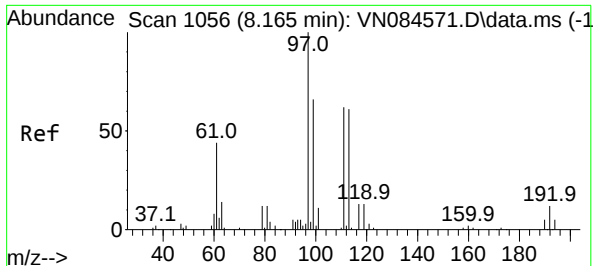
Ion Ratio Lower Upper

114 100

63 21.4 0.0 43.8

88 17.2 0.0 31.6





#35

Dibromofluoromethane

Concen: 51.003 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084903.D

Acq: 17 Nov 2024 18:25

Instrument :

MSVOA_N

ClientSampleId :

FSND-FD-2-20241111

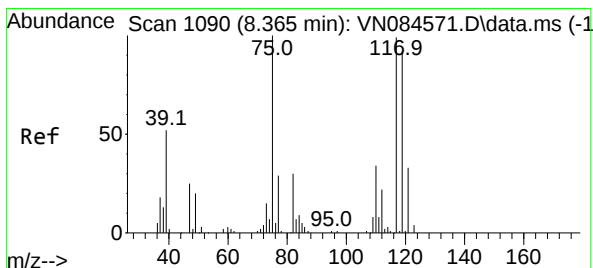
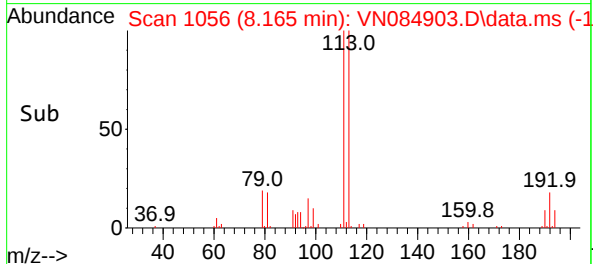
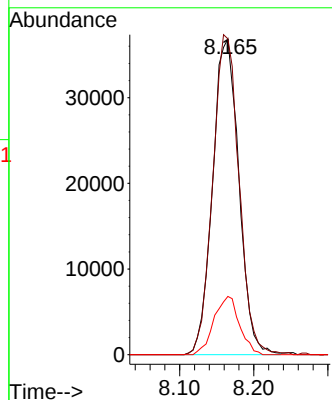
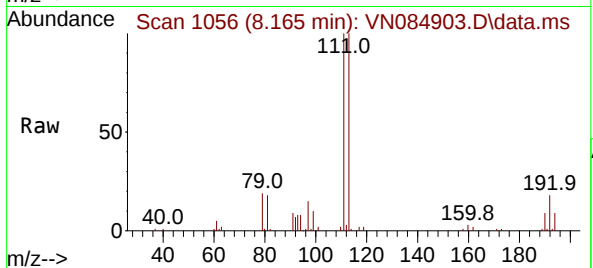
Tgt Ion:113 Resp: 90712

Ion Ratio Lower Upper

113 100

111 101.4 83.3 124.9

192 17.9 13.5 20.3



#36

1,1-Dichloropropene

Concen: 4.783 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN084903.D

Acq: 17 Nov 2024 18:25

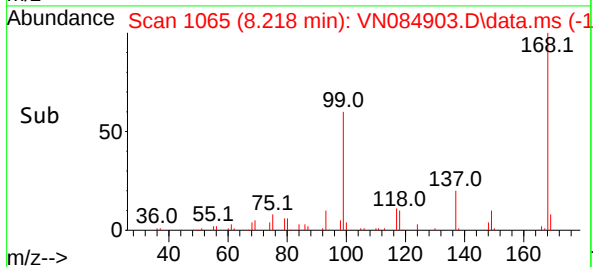
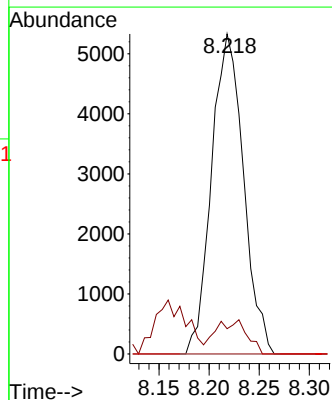
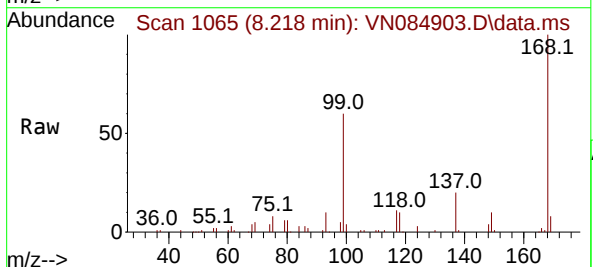
Tgt Ion: 75 Resp: 11799

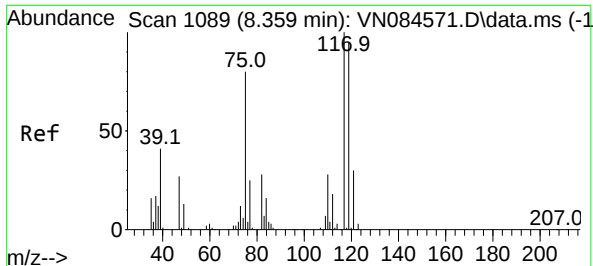
Ion Ratio Lower Upper

75 100

110 10.3 16.9 50.7#

77 0.0 24.7 37.1#

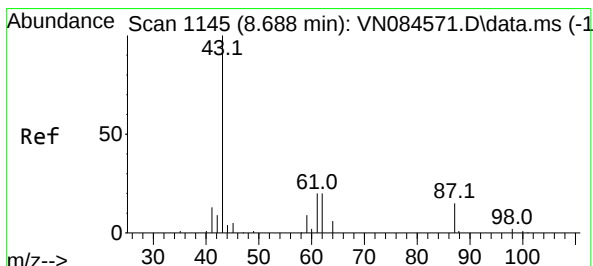
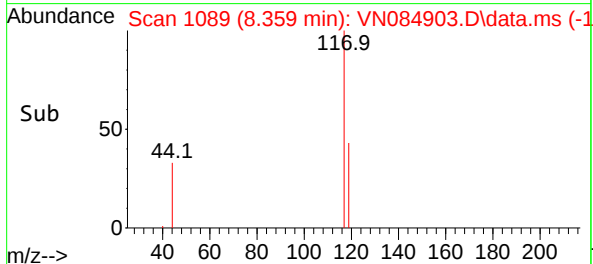
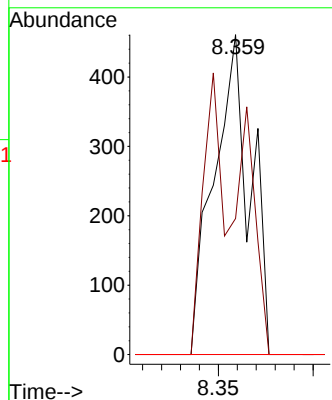
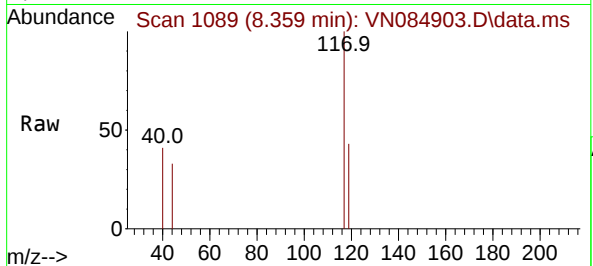




#38
Carbon Tetrachloride
Concen: 0.221 ug/l
RT: 8.359 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VN084903.D
Acq: 17 Nov 2024 18:25

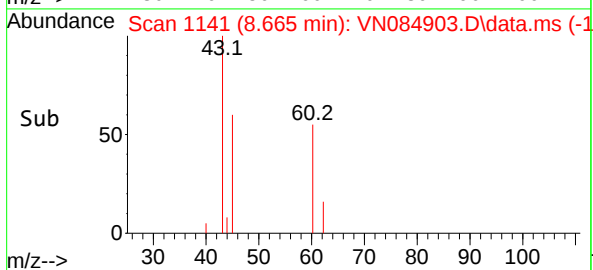
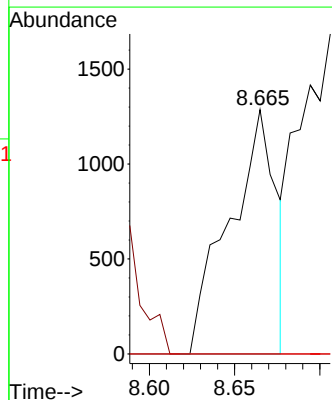
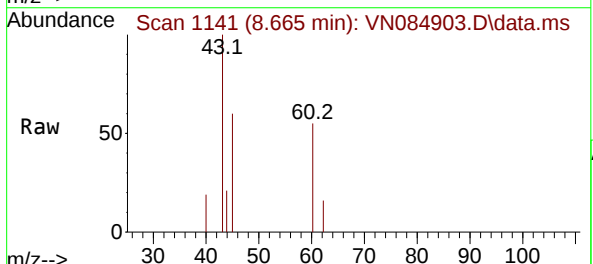
Instrument :
MSVOA_N
ClientSampleId :
FSND-FD-2-20241111

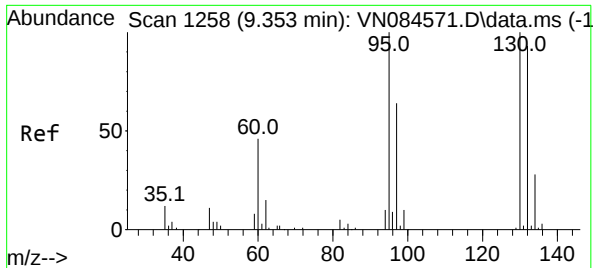
Tgt Ion:117 Resp: 610
Ion Ratio Lower Upper
117 100
119 42.5 78.7 118.1#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.665 min Scan# 1141
Delta R.T. -0.023 min
Lab File: VN084903.D
Acq: 17 Nov 2024 18:25

Tgt Ion: 43 Resp: 2449
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#

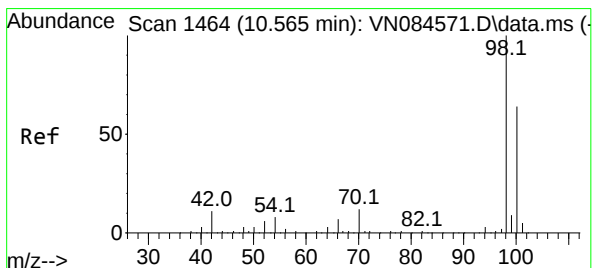
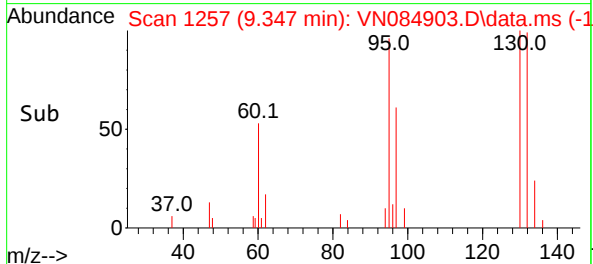
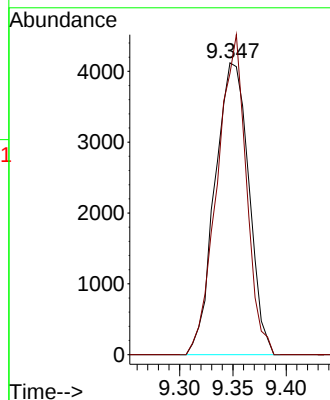
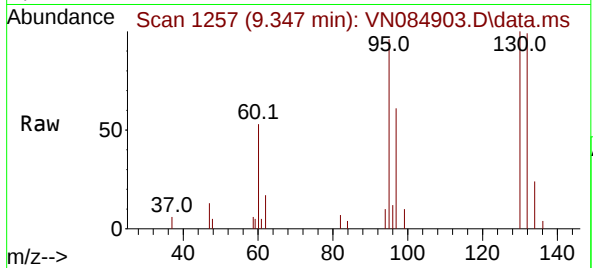




#44
Trichloroethene
Concen: 4.984 ug/l
RT: 9.347 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084903.D
Acq: 17 Nov 2024 18:25

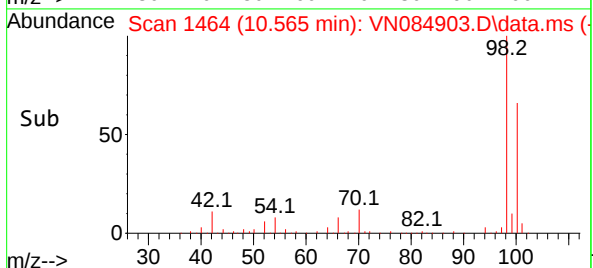
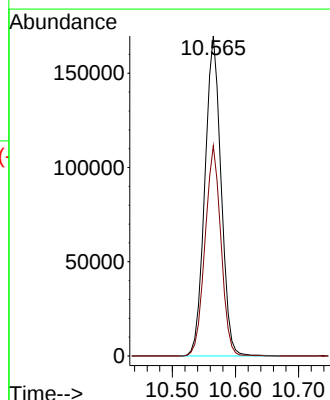
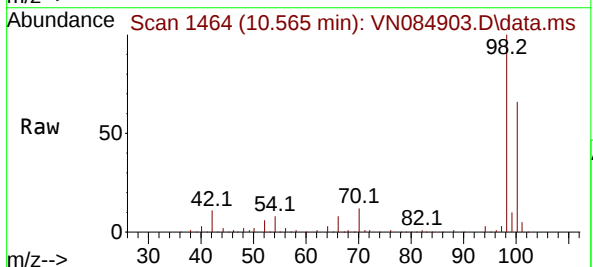
Instrument :
MSVOA_N
ClientSampleId :
FSND-FD-2-20241111

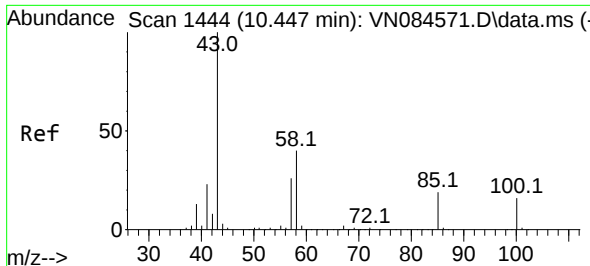
Tgt Ion:130 Resp: 9106
Ion Ratio Lower Upper
130 100
95 96.4 0.0 203.0



#50
Toluene-d8
Concen: 46.145 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084903.D
Acq: 17 Nov 2024 18:25

Tgt Ion: 98 Resp: 302331
Ion Ratio Lower Upper
98 100
100 64.5 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 0.541 ug/l

RT: 10.571 min Scan# 1444

Delta R.T. 0.129 min

Lab File: VN084903.D

Acq: 17 Nov 2024 18:25

Instrument :

MSVOA_N

ClientSampleId :

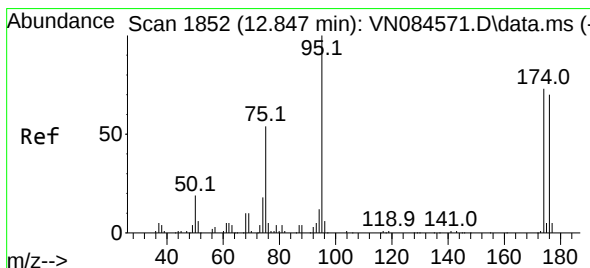
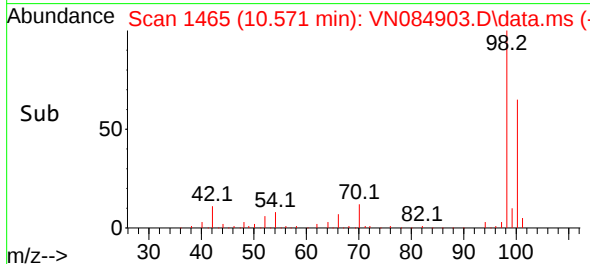
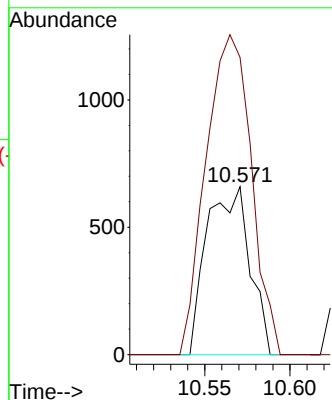
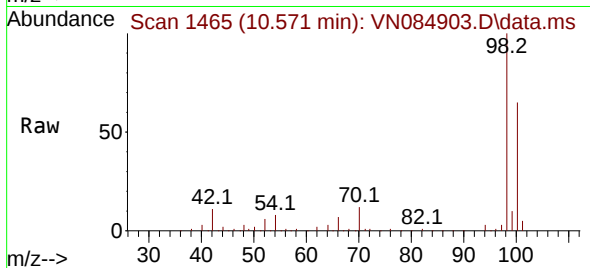
FSND-FD-2-20241111

Tgt Ion: 43 Resp: 1154

Ion Ratio Lower Upper

43 100

58 201.6 31.6 47.4#



#62

4-Bromofluorobenzene

Concen: 44.508 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084903.D

Acq: 17 Nov 2024 18:25

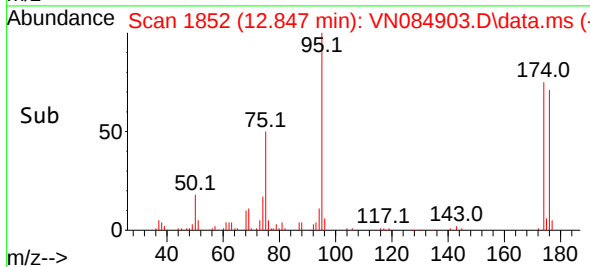
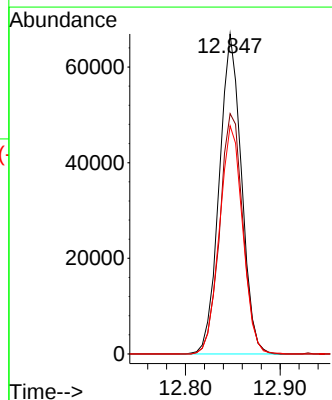
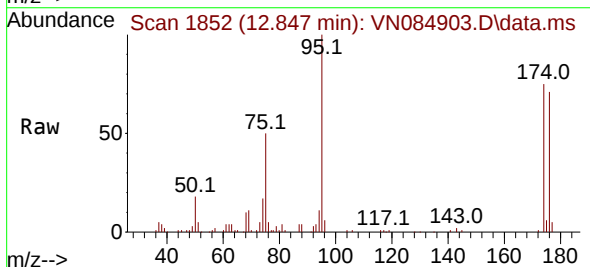
Tgt Ion: 95 Resp: 108981

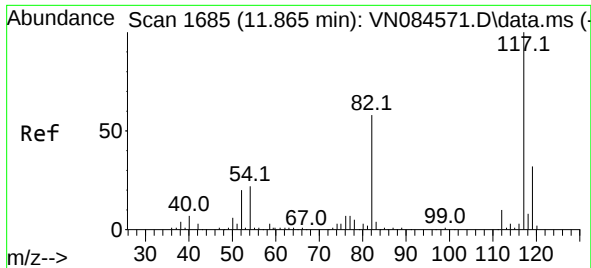
Ion Ratio Lower Upper

95 100

174 78.4 0.0 145.2

176 74.6 0.0 140.0

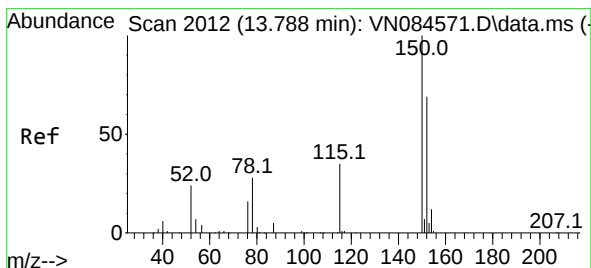
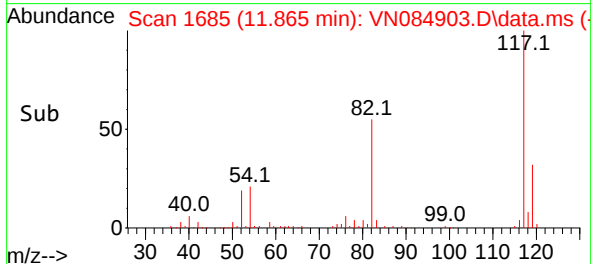
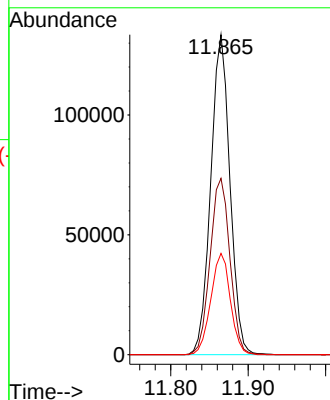
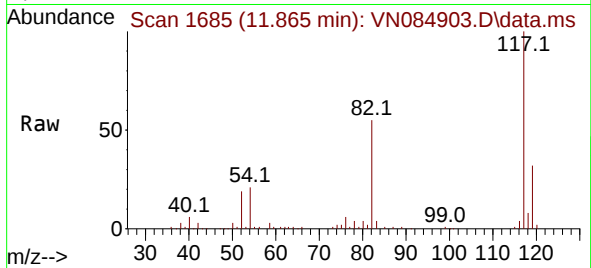




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084903.D
Acq: 17 Nov 2024 18:25

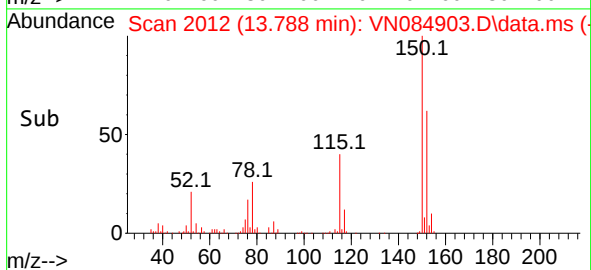
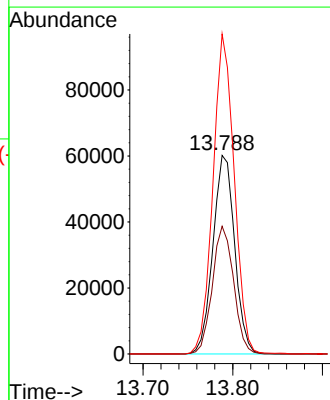
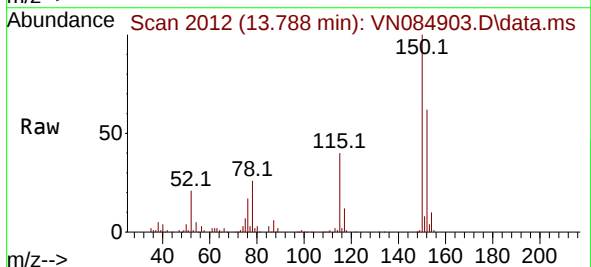
Instrument :
MSVOA_N
ClientSampleId :
FSND-FD-2-20241111

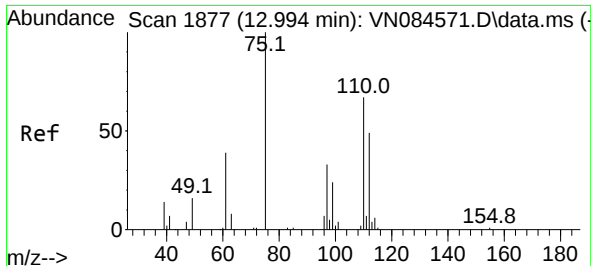
Tgt Ion:117 Resp: 229735
Ion Ratio Lower Upper
117 100
82 55.1 47.2 70.8
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084903.D
Acq: 17 Nov 2024 18:25

Tgt Ion:152 Resp: 101267
Ion Ratio Lower Upper
152 100
115 62.9 31.3 93.9
150 157.2 0.0 349.8

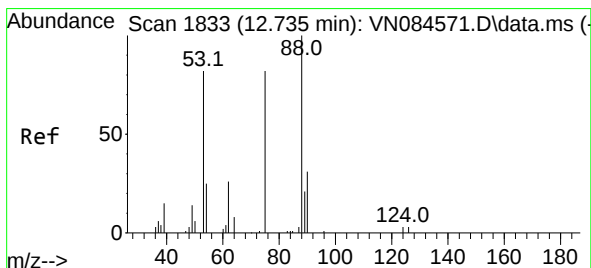
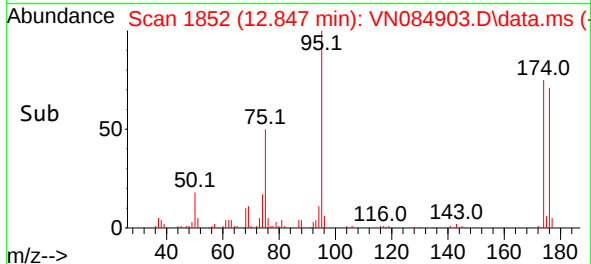
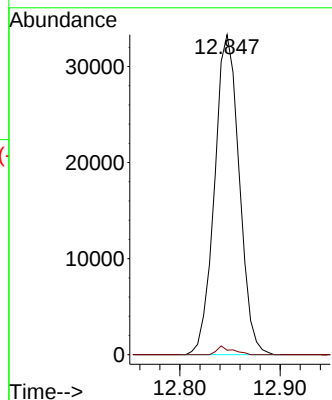
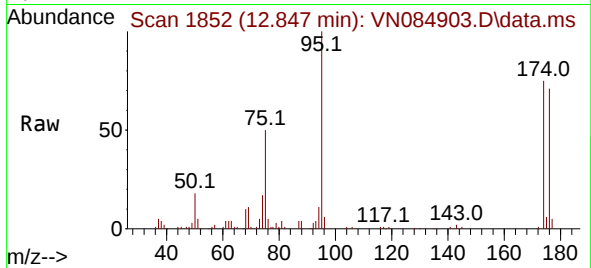




#76
1,2,3-Trichloropropane
Concen: 28.140 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084903.D
Acq: 17 Nov 2024 18:25

Instrument :
MSVOA_N
ClientSampleId :
FSND-FD-2-20241111

Tgt Ion: 75 Resp: 56964
Ion Ratio Lower Upper
75 100
77 1.7 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.760 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084903.D
Acq: 17 Nov 2024 18:25

Tgt Ion: 75 Resp: 56964
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#

