

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111724\
 Data File : VN084902.D
 Acq On : 17 Nov 2024 18:01
 Operator : JC\MD
 Sample : P4845-17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-17-20241111

Quant Time: Nov 18 00:24:30 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)

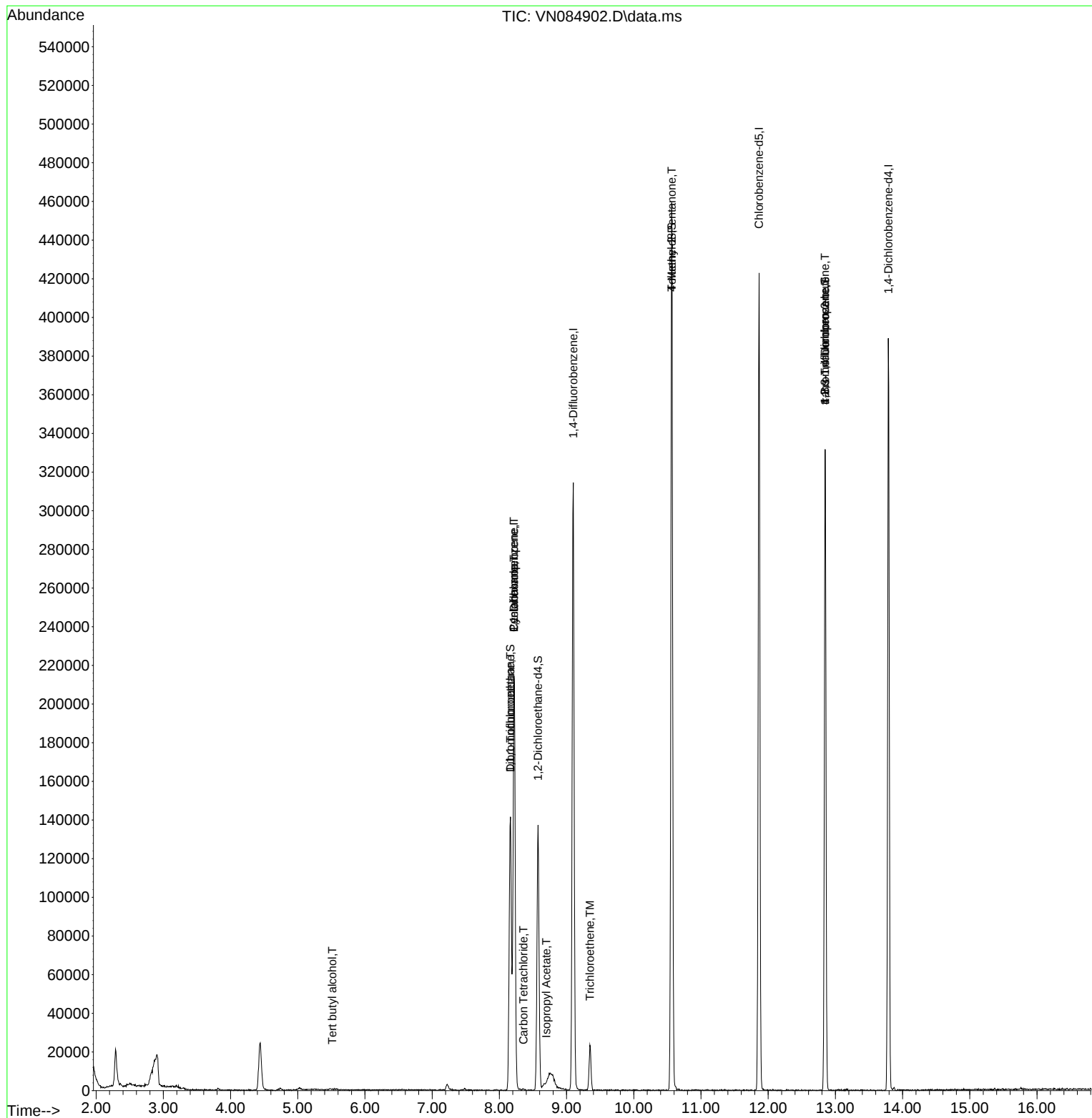
Internal Standards						
1) Pentafluorobenzene	8.218	168	155704	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	266504	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	240107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	106422	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	111277	49.481	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.960%		
35) Dibromofluoromethane	8.165	113	92227	51.126	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.260%		
50) Toluene-d8	10.565	98	310279	46.693	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.380%		
62) 4-Bromofluorobenzene	12.847	95	118060	47.538	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.080%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	656	Below Cal	#	41
6) Chloroethane	3.100	64	468	Below Cal	#	45
11) Tert butyl alcohol	5.512	59	80	0.269	ug/l #	73
16) Acetone	4.447	43	1413	Below Cal	#	44
18) Methyl Acetate	5.030	43	1917	Below Cal	#	61
31) Cyclohexane	8.218	56	3219	1.037	ug/l #	14
32) 1,1,1-Trichloroethane	8.165	97	12434	3.913	ug/l	92
36) 1,1-Dichloropropene	8.218	75	12382	4.949	ug/l #	51
38) Carbon Tetrachloride	8.359	117	595	0.213	ug/l #	66
43) Isopropyl Acetate	8.700	43	5341	0.315	ug/l #	56
44) Trichloroethene	9.347	130	8460	4.566	ug/l	84
51) 4-Methyl-2-Pentanone	10.565	43	1288	0.595	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	59046	27.756	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	59046	65.848	ug/l #	11

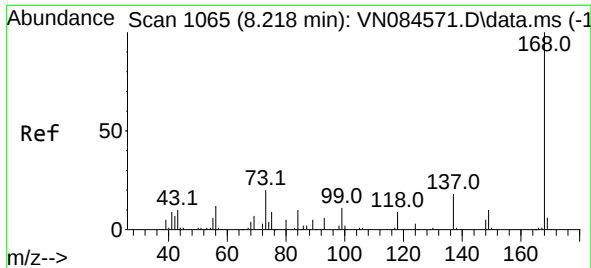
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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FSND-MW-17-20241111

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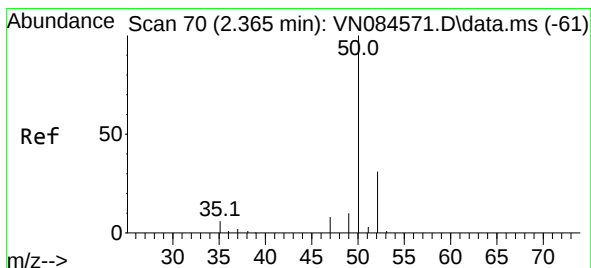
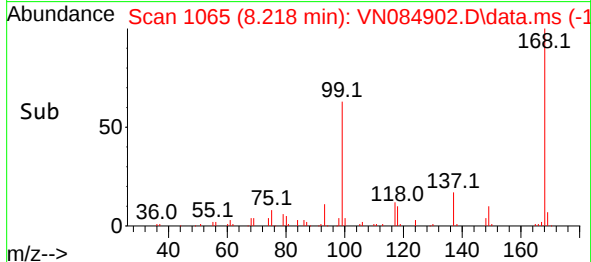
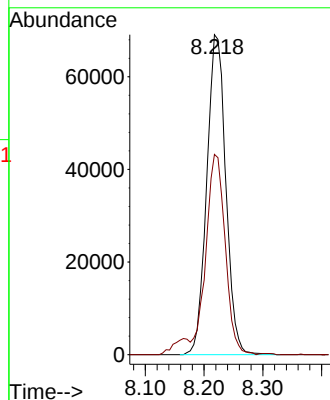
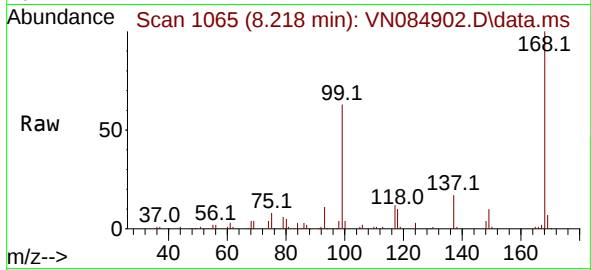




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084902.D
Acq: 17 Nov 2024 18:01

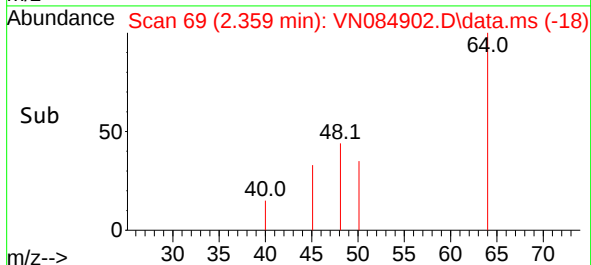
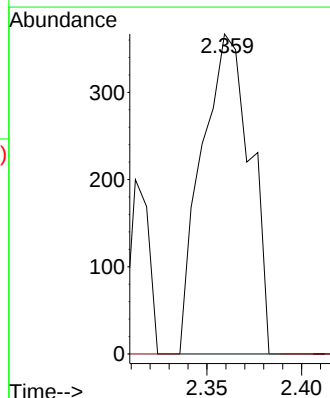
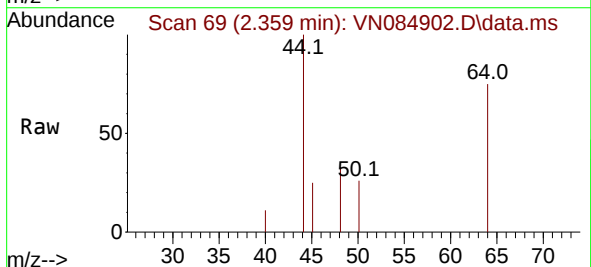
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-17-20241111

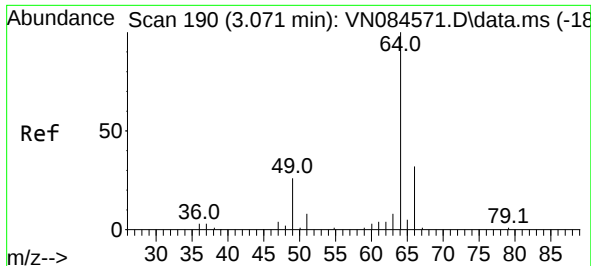
Tgt Ion:168 Resp: 155704
Ion Ratio Lower Upper
168 100
99 62.6 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084902.D
Acq: 17 Nov 2024 18:01

Tgt Ion: 50 Resp: 656
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

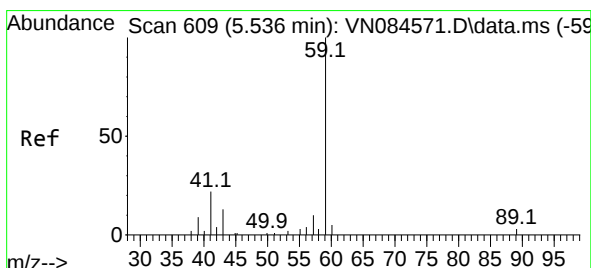
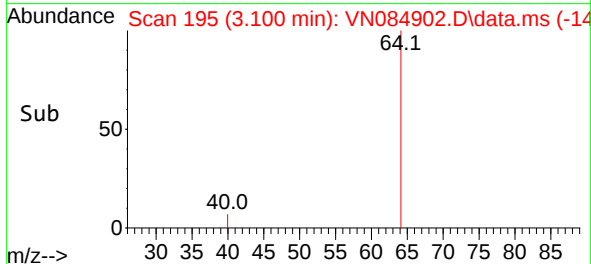
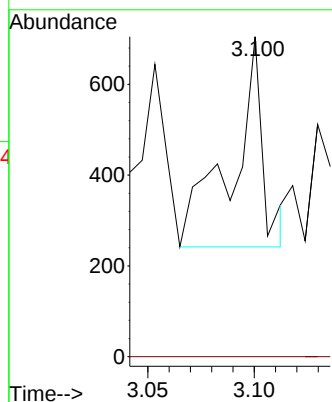
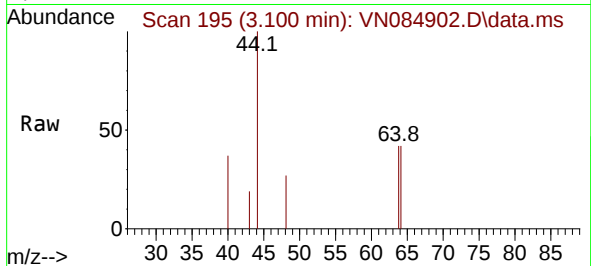




#6
Chloroethane
Concen: Below Cal
RT: 3.100 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN084902.D
Acq: 17 Nov 2024 18:01

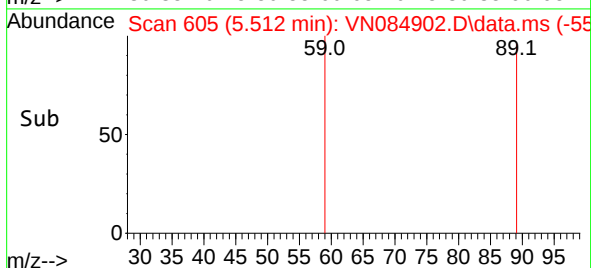
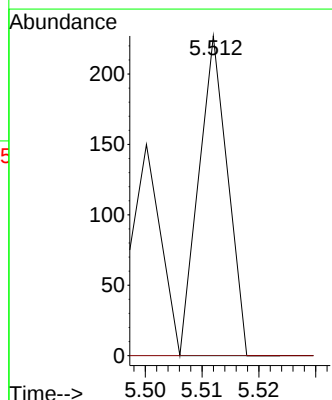
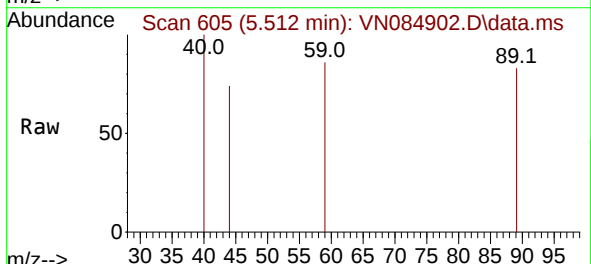
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-17-20241111

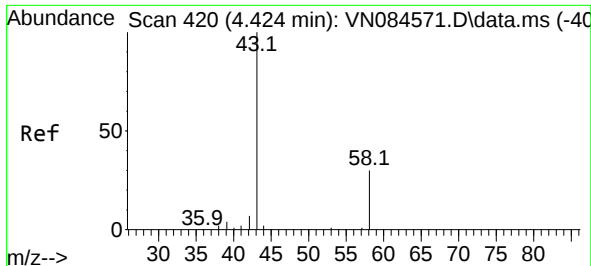
Tgt Ion: 64 Resp: 468
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#11
Tert butyl alcohol
Concen: 0.269 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.012 min
Lab File: VN084902.D
Acq: 17 Nov 2024 18:01

Tgt Ion: 59 Resp: 80
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

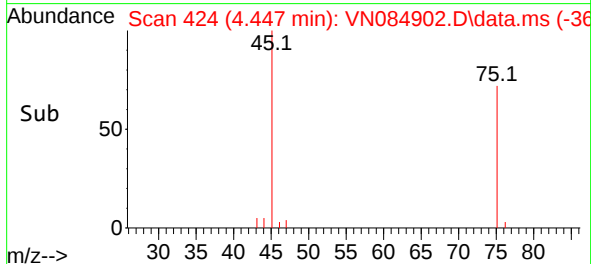
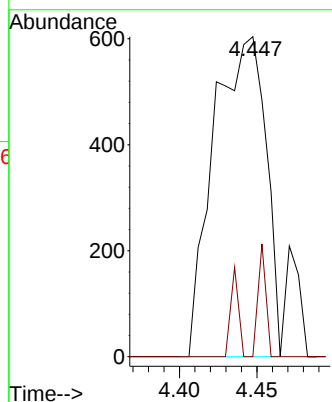
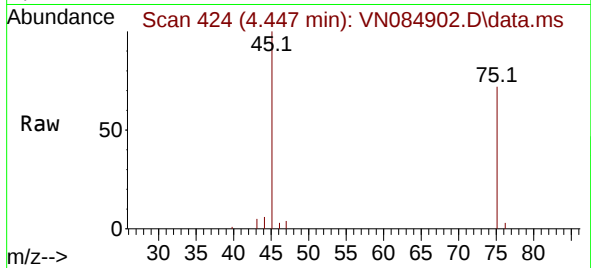




#16
Acetone
Concen: Below Cal
RT: 4.447 min Scan# 41
Delta R.T. 0.023 min
Lab File: VN084902.D
Acq: 17 Nov 2024 18:01

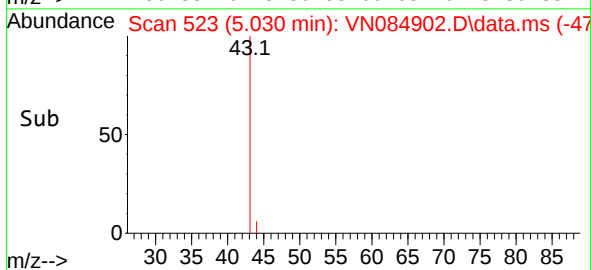
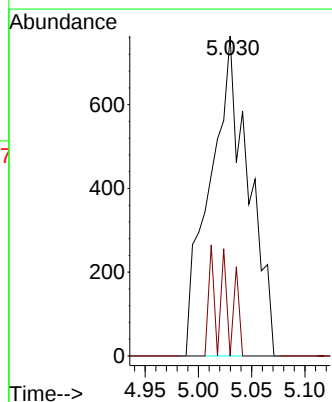
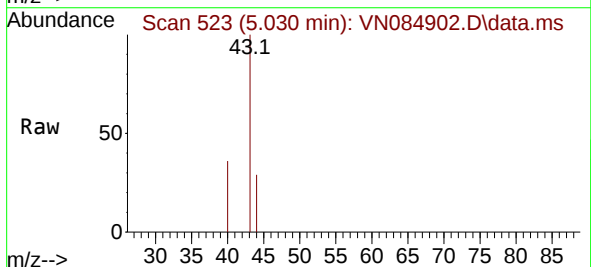
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-17-20241111

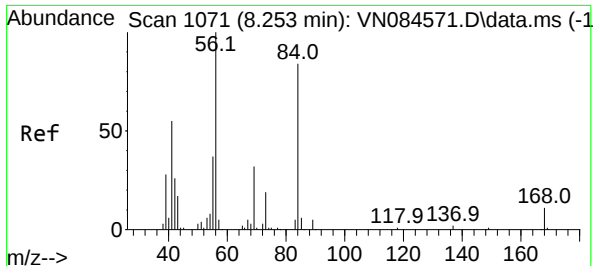
Tgt Ion: 43 Resp: 1413
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN084902.D
Acq: 17 Nov 2024 18:01

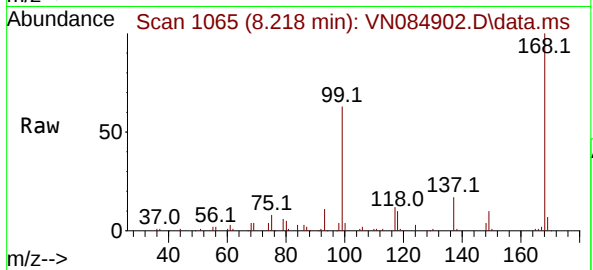
Tgt Ion: 43 Resp: 1917
Ion Ratio Lower Upper
43 100
74 4.9 19.2 28.8#



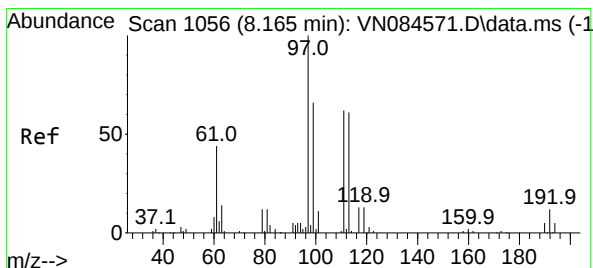
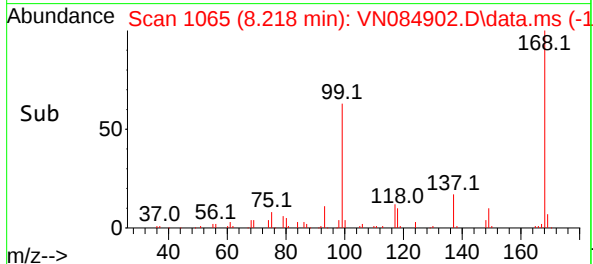
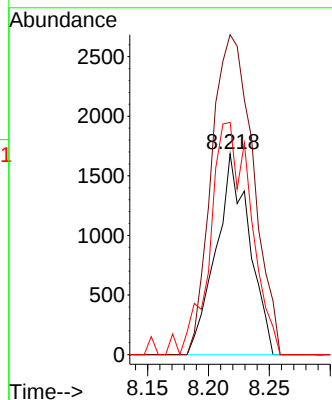


#31
Cyclohexane
Concen: 1.037 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084902.D
Acq: 17 Nov 2024 18:01

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-17-20241111

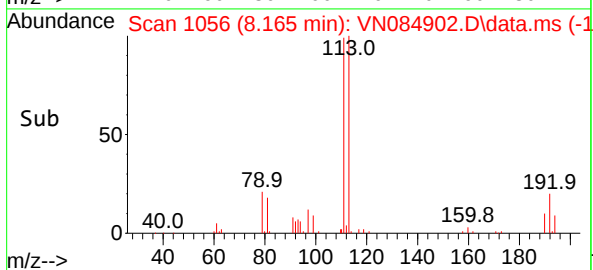
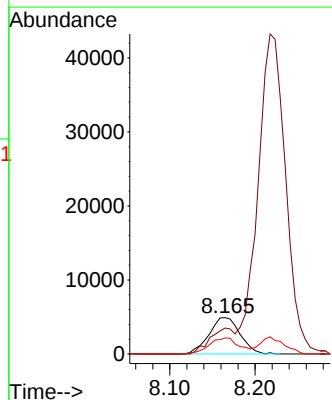
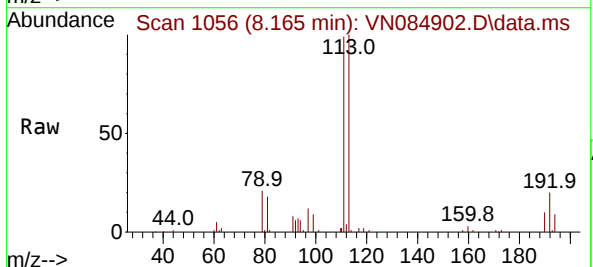


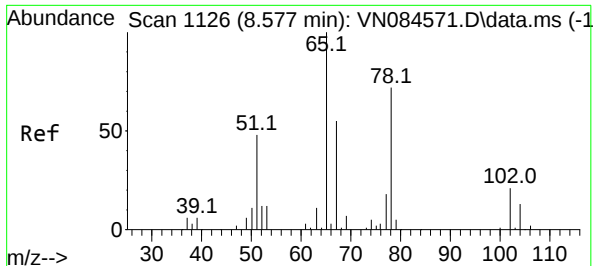
Tgt Ion: 56 Resp: 3219
Ion Ratio Lower Upper
56 100
69 159.4 23.8 35.6#
84 115.7 68.8 103.2#



#32
1,1,1-Trichloroethane
Concen: 3.913 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084902.D
Acq: 17 Nov 2024 18:01

Tgt Ion: 97 Resp: 12434
Ion Ratio Lower Upper
97 100
99 56.7 51.2 76.8
61 42.5 37.5 56.3

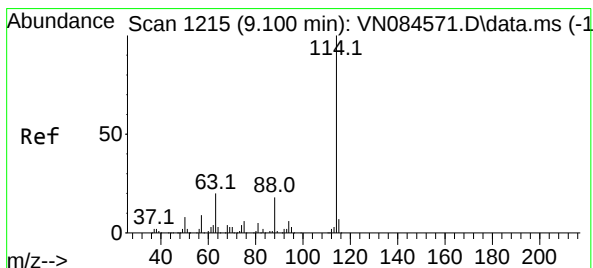
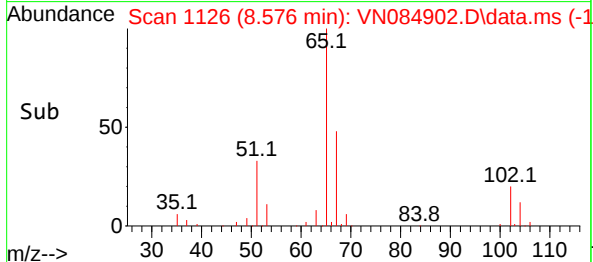
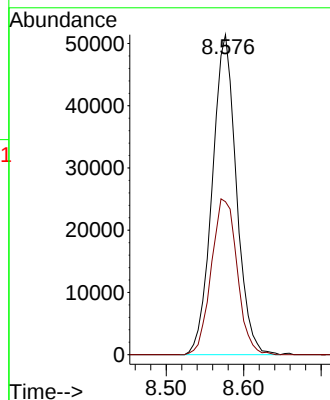
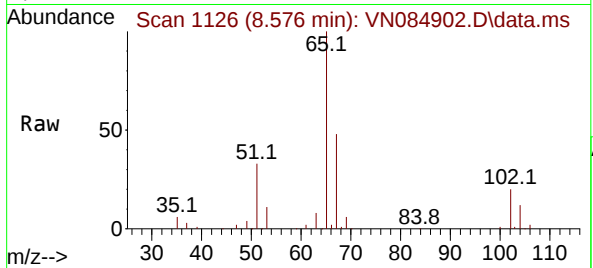




#33
 1,2-Dichloroethane-d4
 Concen: 49.481 ug/l
 RT: 8.576 min Scan# 1126
 Delta R.T. -0.001 min
 Lab File: VN084902.D
 Acq: 17 Nov 2024 18:01

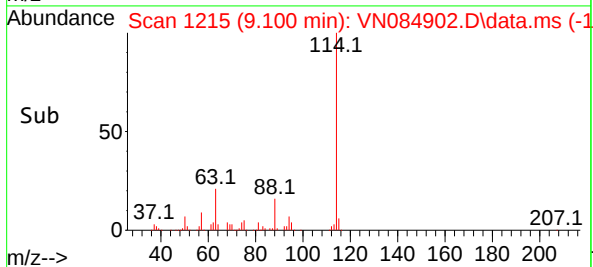
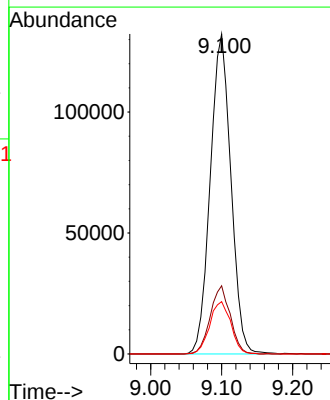
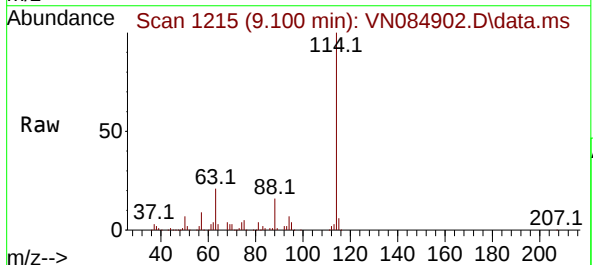
Instrument :
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 FSND-MW-17-20241111

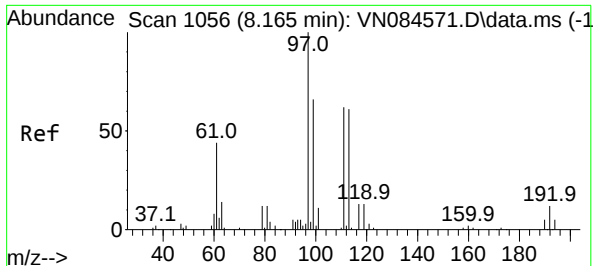
Tgt Ion: 65 Resp: 111277
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN084902.D
 Acq: 17 Nov 2024 18:01

Tgt Ion: 114 Resp: 266504
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 43.8
 88 16.4 0.0 31.6

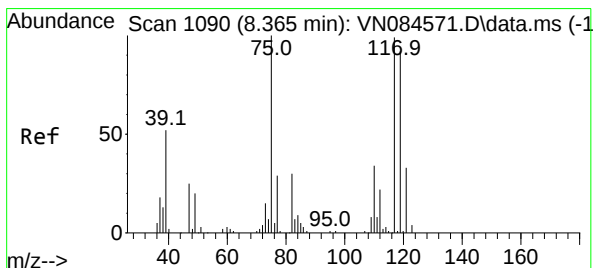
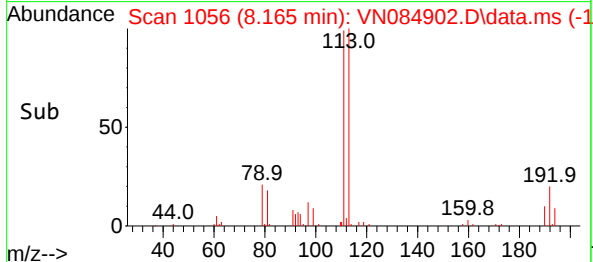
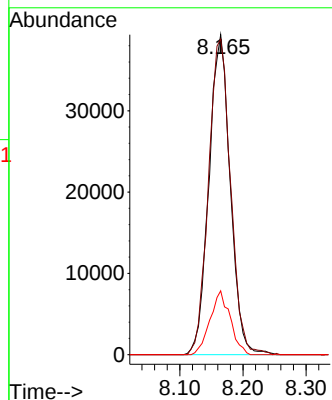
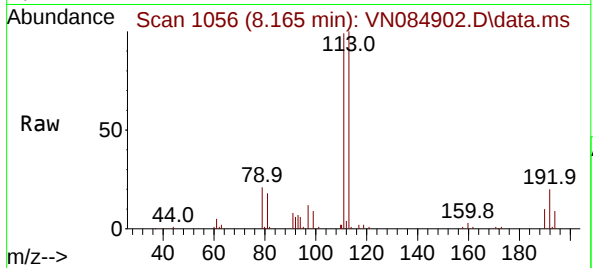




#35
Dibromofluoromethane
Concen: 51.126 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084902.D
Acq: 17 Nov 2024 18:01

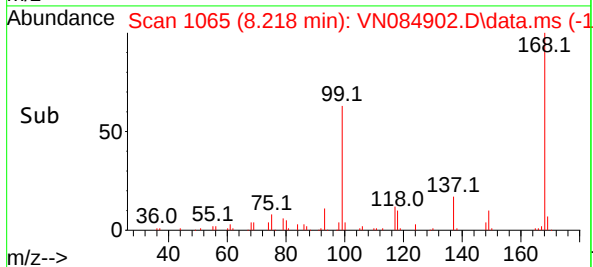
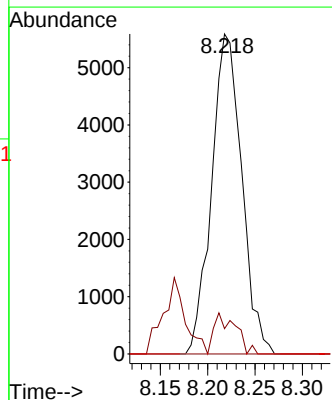
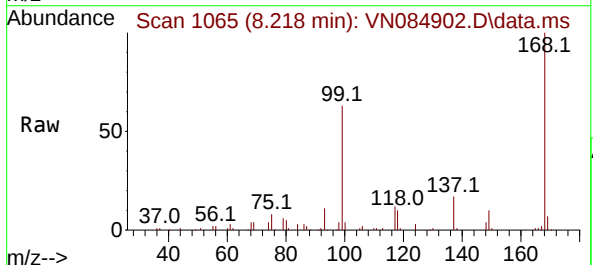
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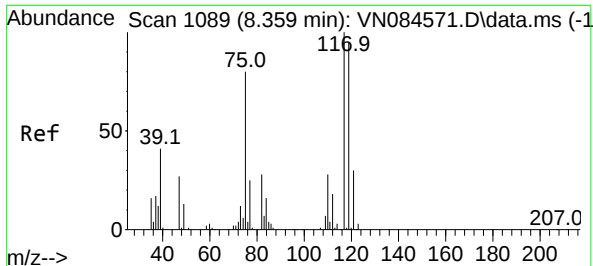
Tgt Ion:113 Resp: 92227
Ion Ratio Lower Upper
113 100
111 102.2 83.3 124.9
192 18.9 13.5 20.3



#36
1,1-Dichloropropene
Concen: 4.949 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN084902.D
Acq: 17 Nov 2024 18:01

Tgt Ion: 75 Resp: 12382
Ion Ratio Lower Upper
75 100
110 9.3 16.9 50.7#
77 0.0 24.7 37.1#

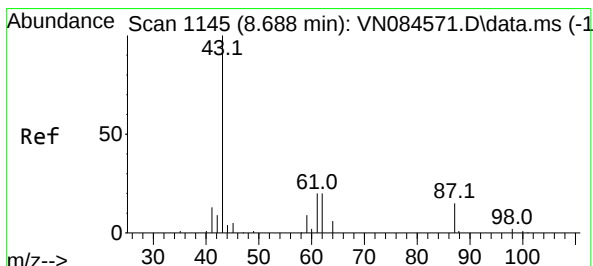
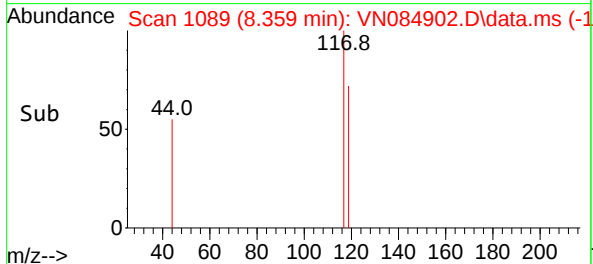
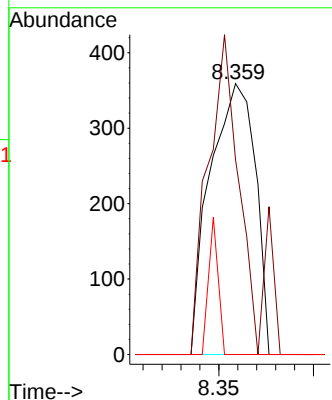
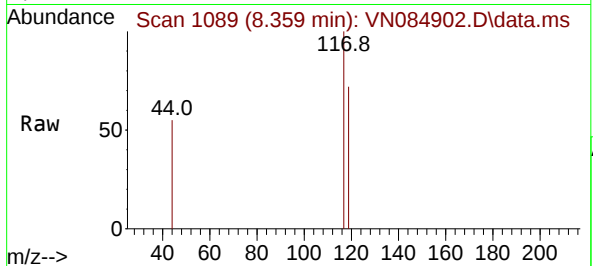




#38
Carbon Tetrachloride
Concen: 0.213 ug/l
RT: 8.359 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN084902.D
Acq: 17 Nov 2024 18:01

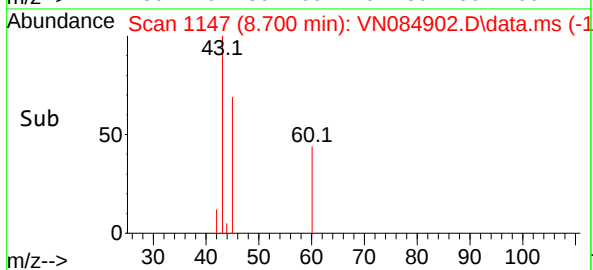
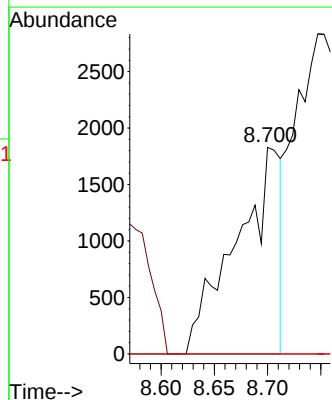
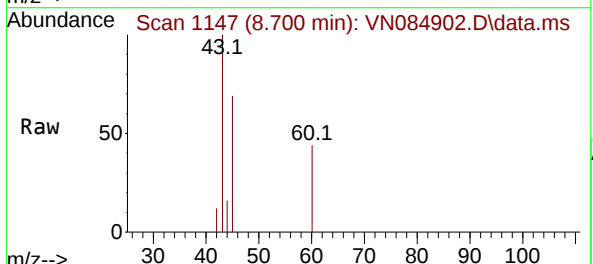
Instrument :
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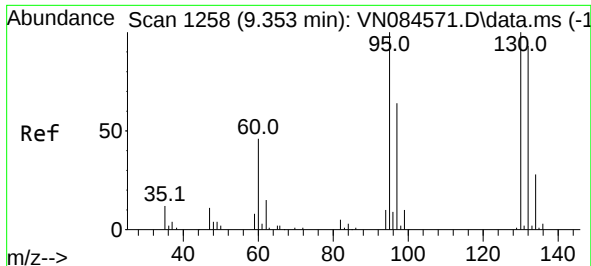
Tgt Ion:117 Resp: 595
Ion Ratio Lower Upper
117 100
119 71.9 78.7 118.1#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: 0.315 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.012 min
Lab File: VN084902.D
Acq: 17 Nov 2024 18:01

Tgt Ion: 43 Resp: 5341
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#

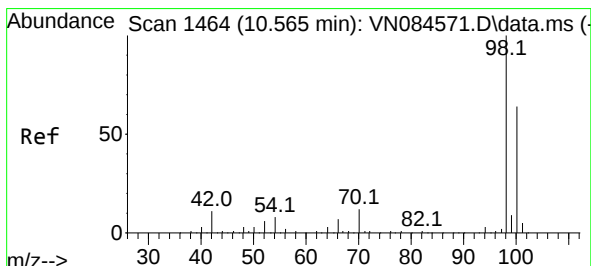
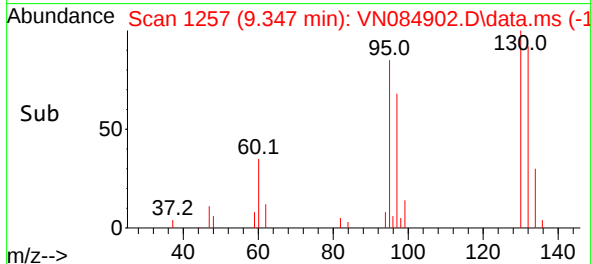
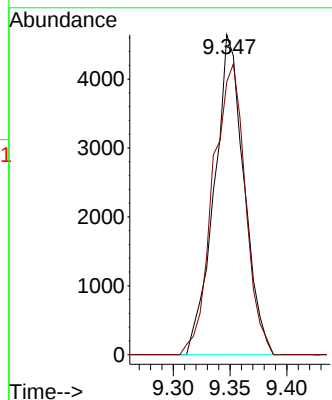
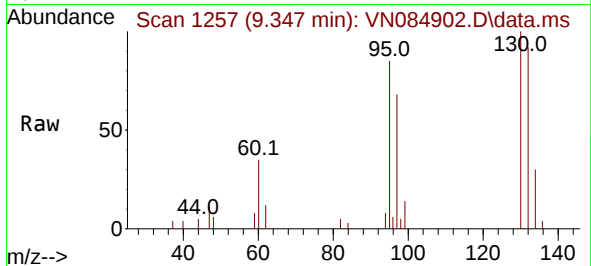




#44
Trichloroethene
Concen: 4.566 ug/l
RT: 9.347 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084902.D
Acq: 17 Nov 2024 18:01

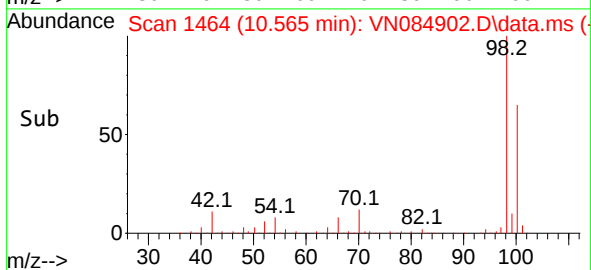
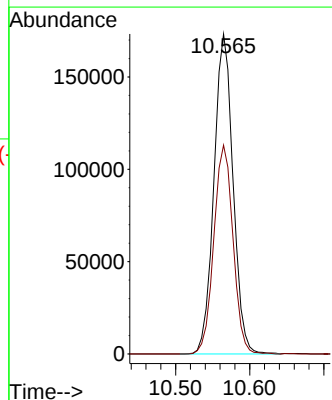
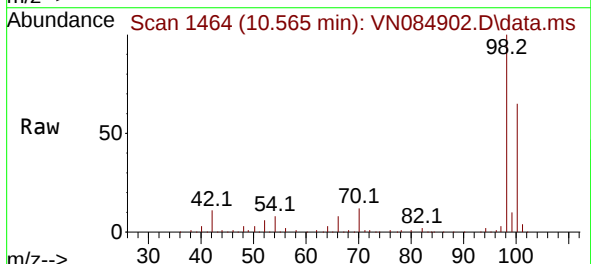
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-17-20241111

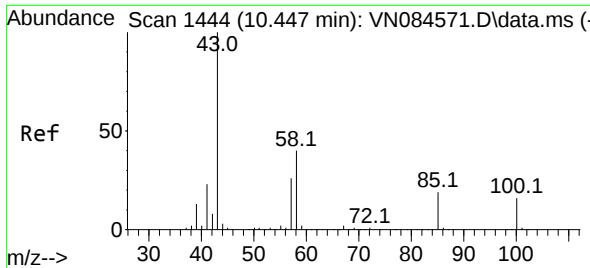
Tgt Ion:130 Resp: 8460
Ion Ratio Lower Upper
130 100
95 85.3 0.0 203.0



#50
Toluene-d8
Concen: 46.693 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084902.D
Acq: 17 Nov 2024 18:01

Tgt Ion: 98 Resp: 310279
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1

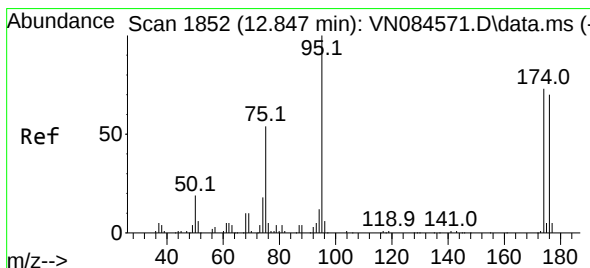
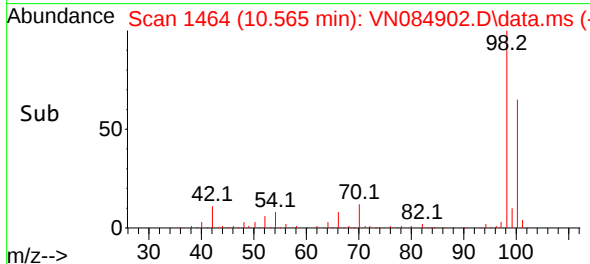
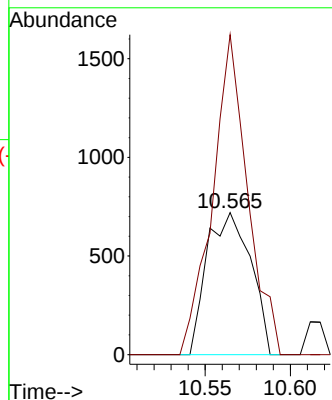
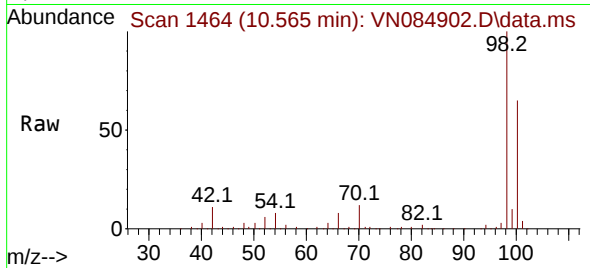




#51
4-Methyl-2-Pentanone
Concen: 0.595 ug/l
RT: 10.565 min Scan# 1444
Delta R.T. 0.123 min
Lab File: VN084902.D
Acq: 17 Nov 2024 18:01

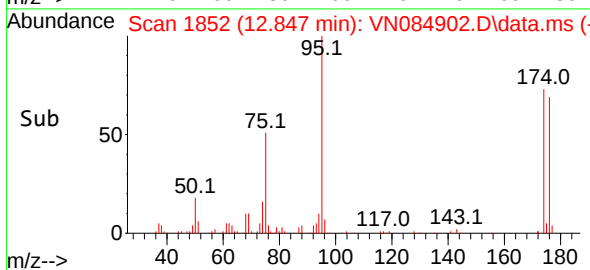
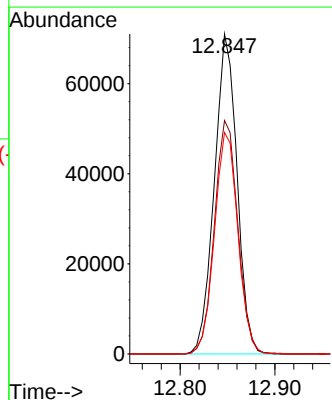
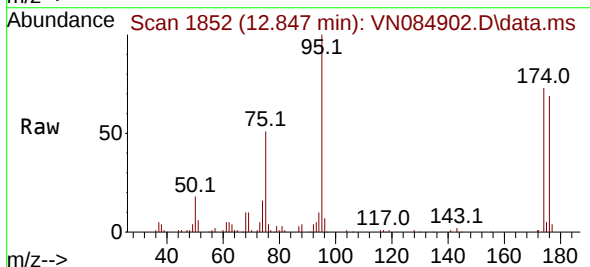
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-17-20241111

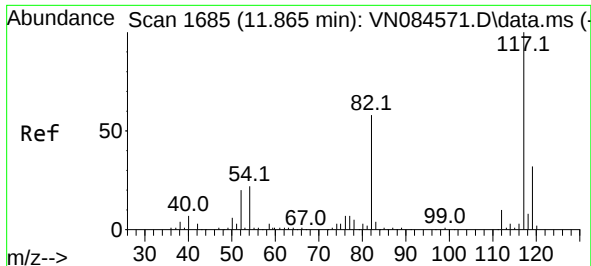
Tgt Ion: 43 Resp: 1288
Ion Ratio Lower Upper
43 100
58 180.4 31.6 47.4#



#62
4-Bromofluorobenzene
Concen: 47.538 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084902.D
Acq: 17 Nov 2024 18:01

Tgt Ion: 95 Resp: 118060
Ion Ratio Lower Upper
95 100
174 75.6 0.0 145.2
176 71.7 0.0 140.0

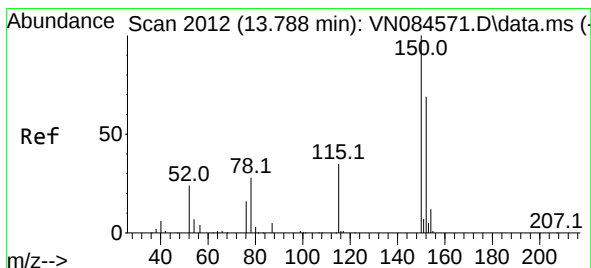
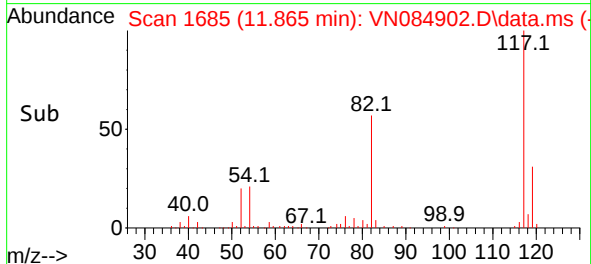
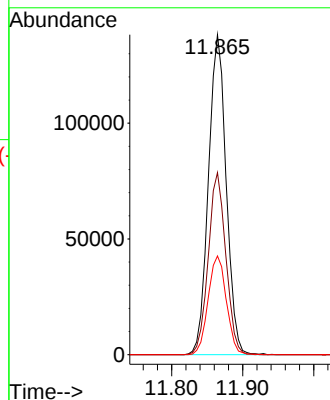
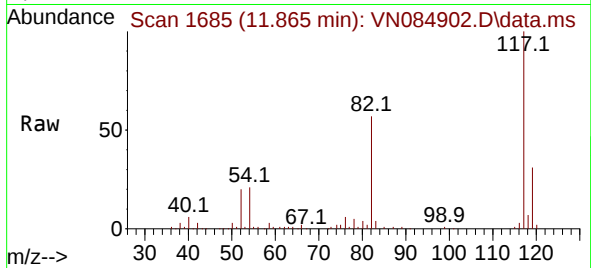




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN084902.D
Acq: 17 Nov 2024 18:01

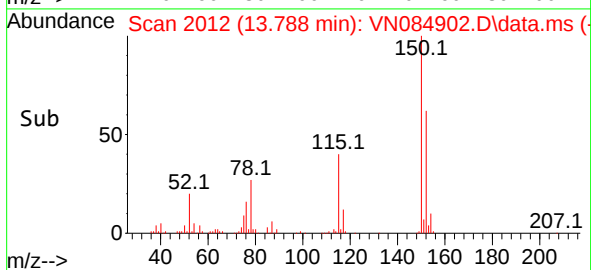
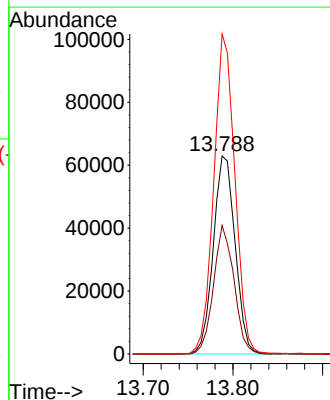
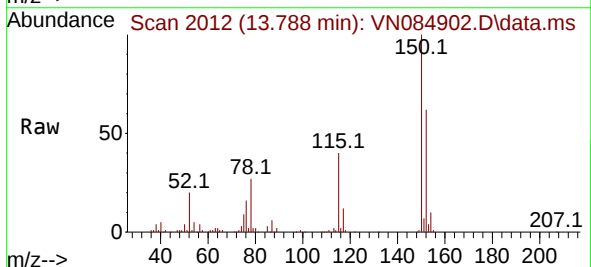
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-17-20241111

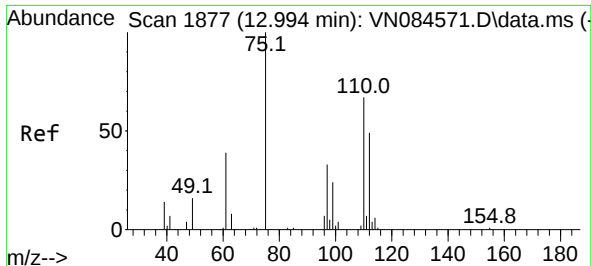
Tgt Ion:117 Resp: 240107
Ion Ratio Lower Upper
117 100
82 56.9 47.2 70.8
119 30.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084902.D
Acq: 17 Nov 2024 18:01

Tgt Ion:152 Resp: 106422
Ion Ratio Lower Upper
152 100
115 60.8 31.3 93.9
150 156.3 0.0 349.8

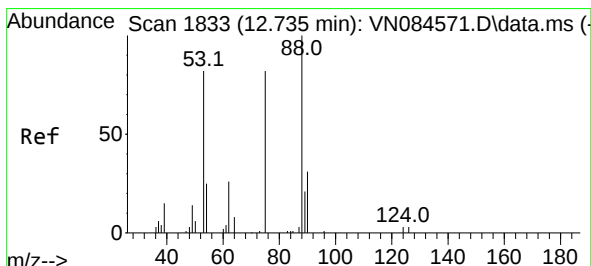
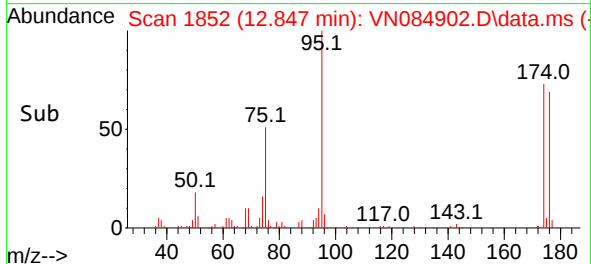
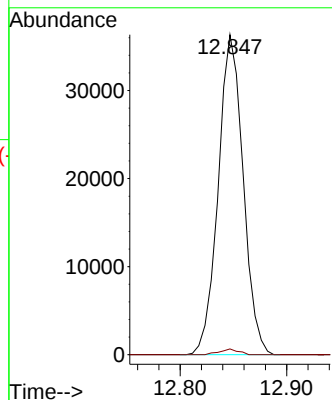
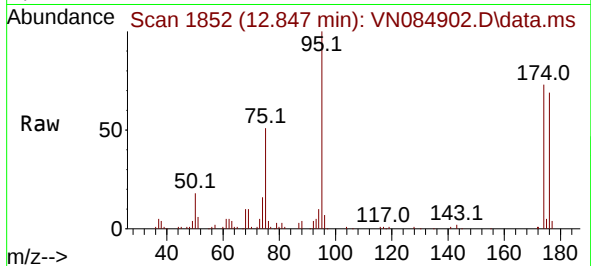




#76
1,2,3-Trichloropropane
Concen: 27.756 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084902.D
Acq: 17 Nov 2024 18:01

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-17-20241111

Tgt Ion: 75 Resp: 59046
Ion Ratio Lower Upper
75 100
77 1.3 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 65.848 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084902.D
Acq: 17 Nov 2024 18:01

Tgt Ion: 75 Resp: 59046
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 35.5 53.3#

