

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061423\
 Data File : VN078214.D
 Acq On : 14 Jun 2023 18:33
 Operator : JC\MD
 Sample : 03231-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-EVAL-2D-06132023

Quant Time: Jun 15 02:47:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

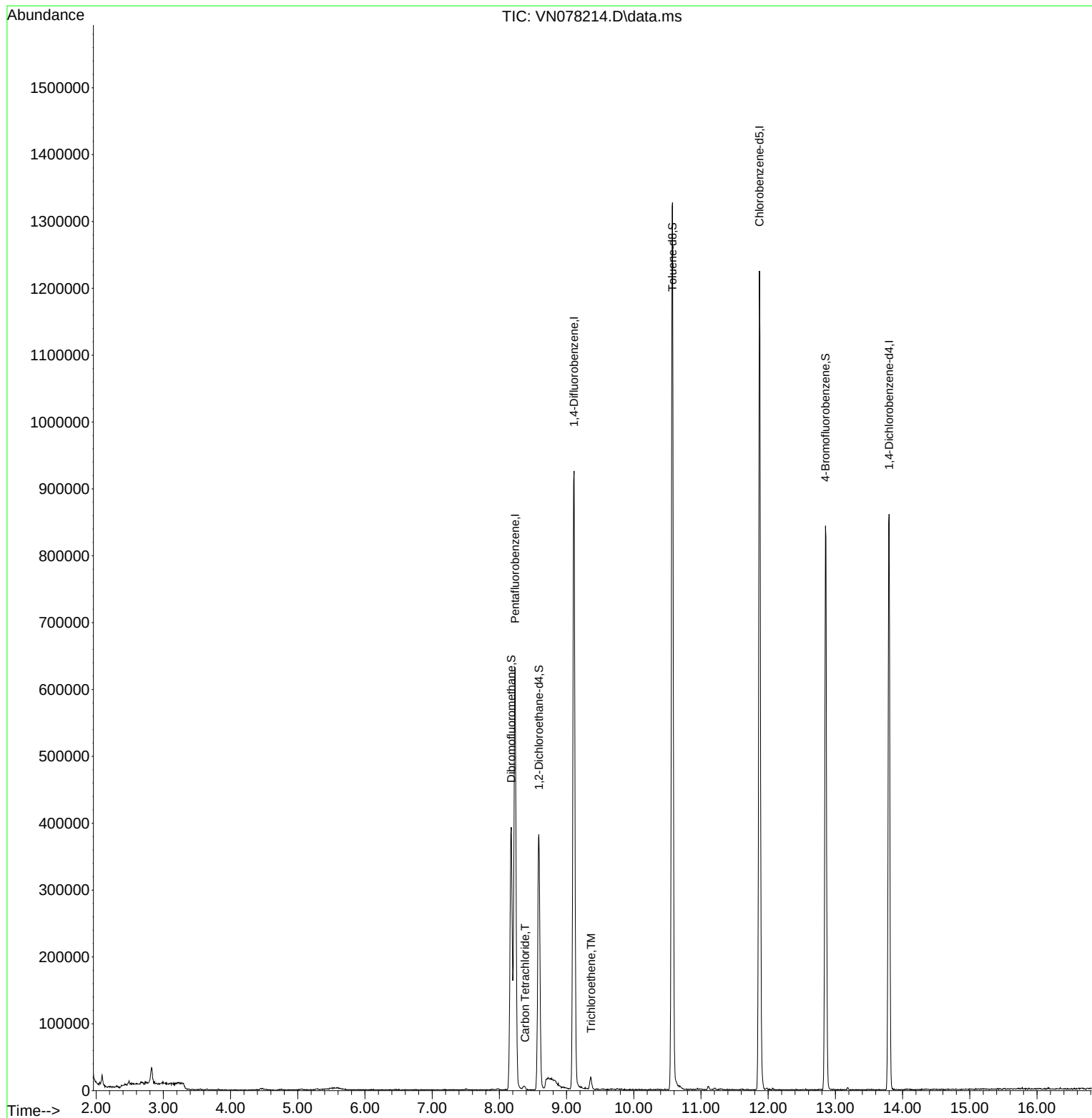
Internal Standards						
1) Pentafluorobenzene	8.235	168	444944	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	825006	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	732854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	235051	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	321450	54.185	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 108.360%		
35) Dibromofluoromethane	8.177	113	285165	54.667	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 109.340%		
50) Toluene-d8	10.576	98	972635	48.366	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 96.740%		
62) 4-Bromofluorobenzene	12.853	95	300217	48.022	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 96.040%		
Target Compounds						Qvalue
38) Carbon Tetrachloride	8.382	117	4061	0.514	ug/l #	70
44) Trichloroethene	9.365	130	6671	1.131	ug/l	89

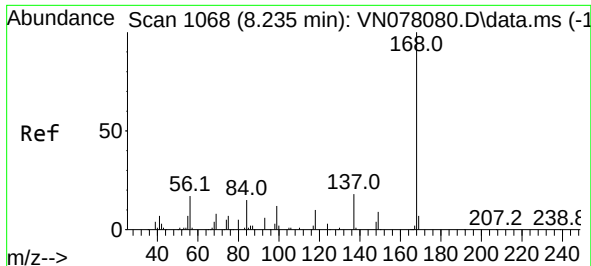
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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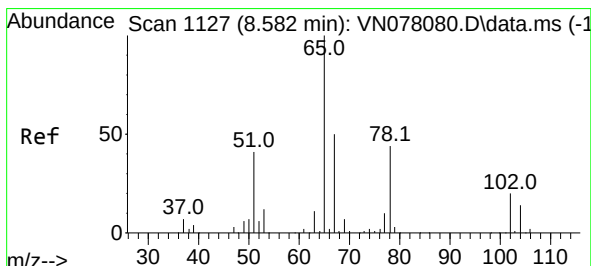
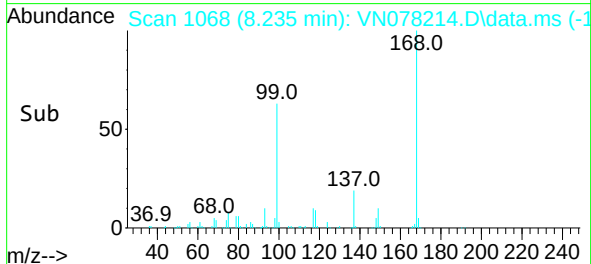
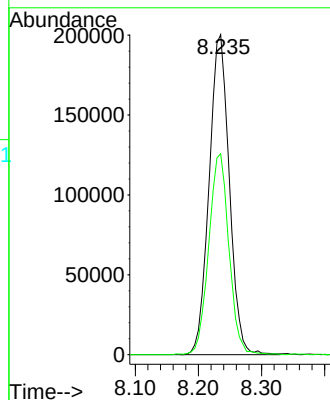
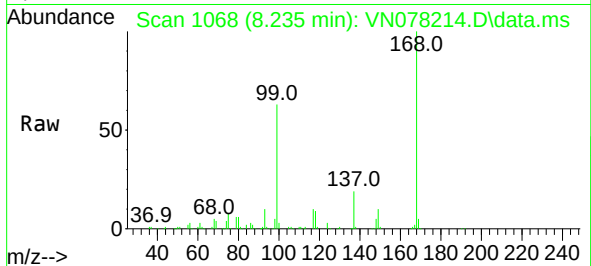




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078214.D
Acq: 14 Jun 2023 18:33

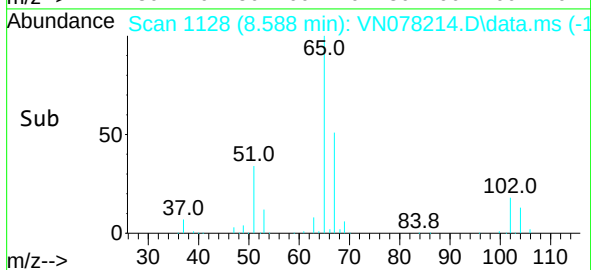
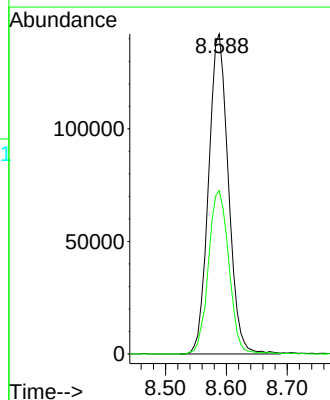
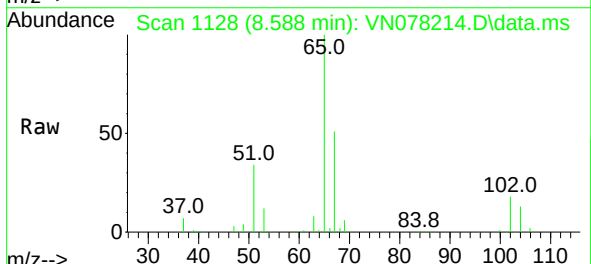
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-2D-06132023

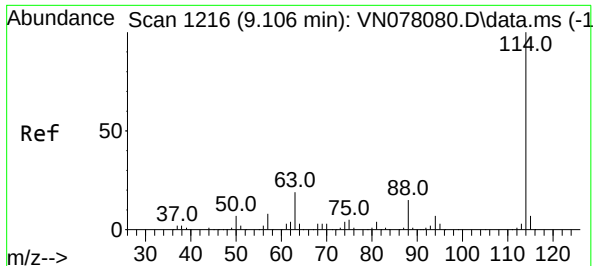
Tgt Ion:168 Resp: 444944
Ion Ratio Lower Upper
168 100
99 62.7 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 54.185 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078214.D
Acq: 14 Jun 2023 18:33

Tgt Ion: 65 Resp: 321450
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078214.D

Acq: 14 Jun 2023 18:33

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-EVAL-2D-06132023

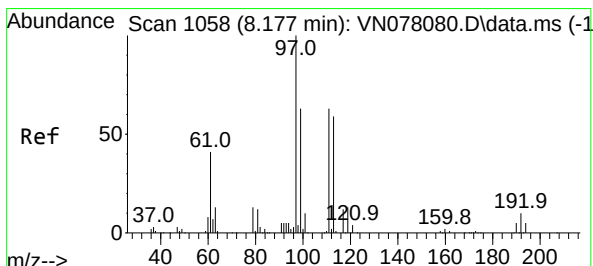
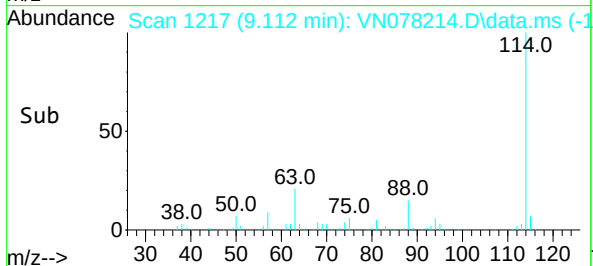
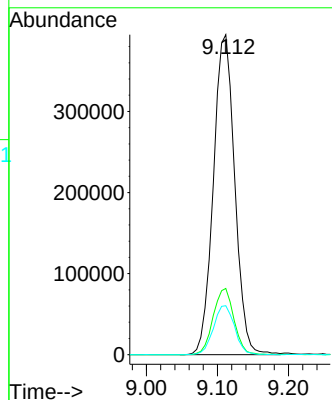
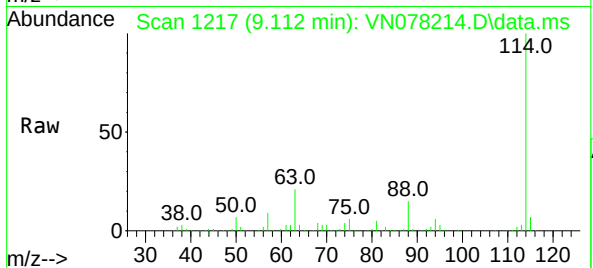
Tgt Ion:114 Resp: 825006

Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.667 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078214.D

Acq: 14 Jun 2023 18:33

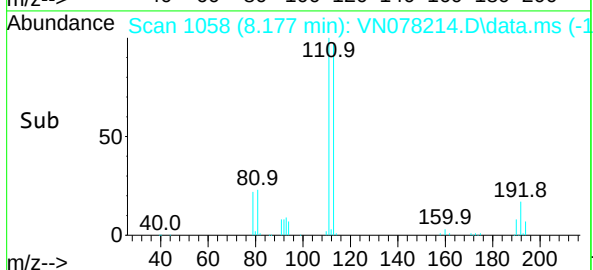
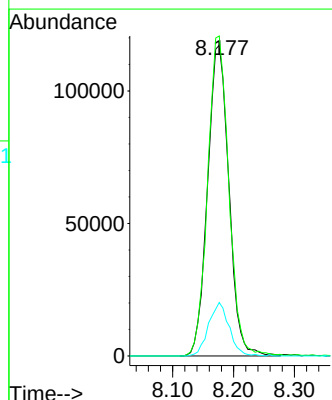
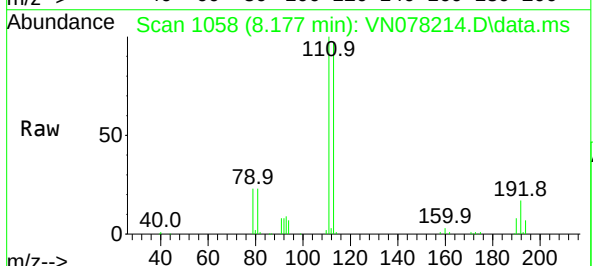
Tgt Ion:113 Resp: 285165

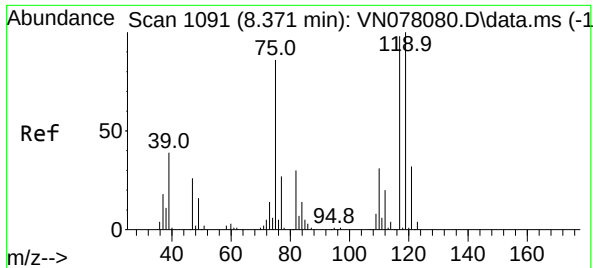
Ion Ratio Lower Upper

113 100

111 102.3 82.6 123.8

192 16.6 12.7 19.1

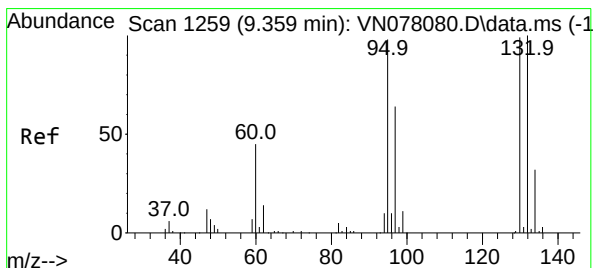
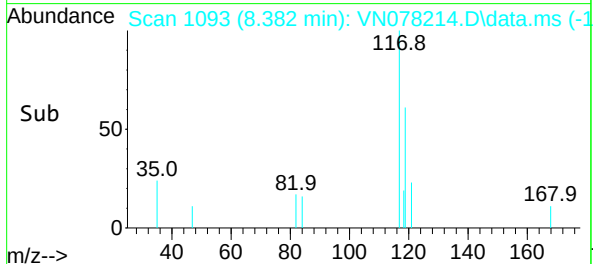
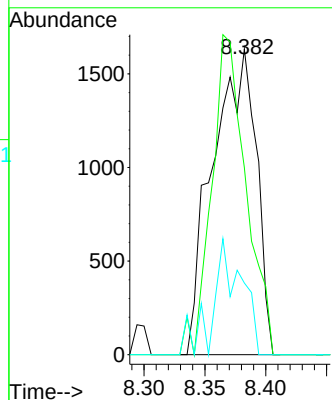
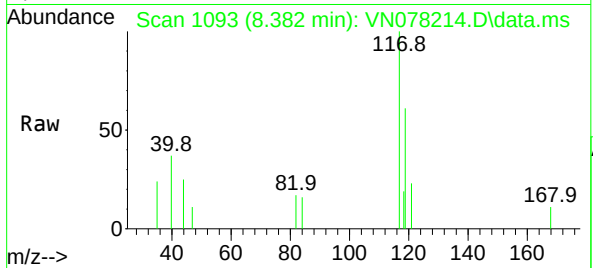




#38
Carbon Tetrachloride
Concen: 0.514 ug/l
RT: 8.382 min Scan# 110
Delta R.T. 0.012 min
Lab File: VN078214.D
Acq: 14 Jun 2023 18:33

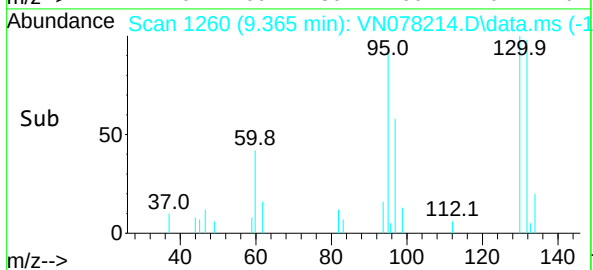
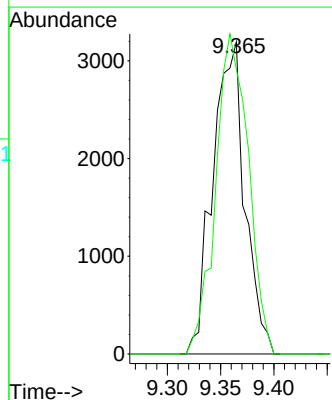
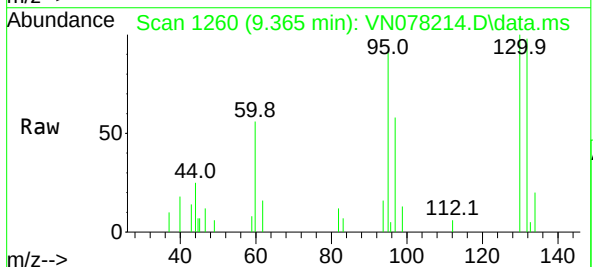
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-2D-06132023

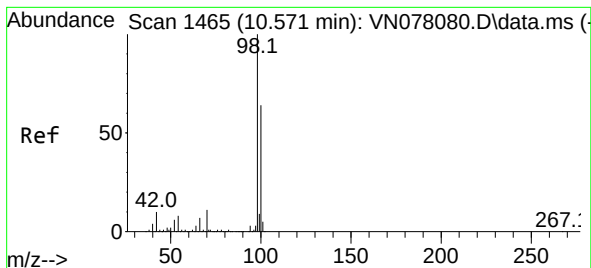
Tgt Ion:117 Resp: 4061
Ion Ratio Lower Upper
117 100
119 61.2 77.3 115.9#
121 23.5 23.3 34.9



#44
Trichloroethene
Concen: 1.131 ug/l
RT: 9.365 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VN078214.D
Acq: 14 Jun 2023 18:33

Tgt Ion:130 Resp: 6671
Ion Ratio Lower Upper
130 100
95 91.2 0.0 204.6





#50

Toluene-d8

Concen: 48.366 ug/l

RT: 10.576 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN078214.D

Acq: 14 Jun 2023 18:33

Instrument :

MSVOA_N

ClientSampleId :

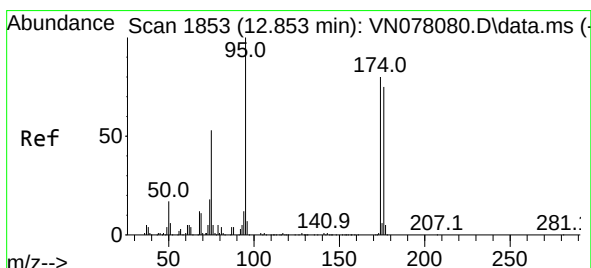
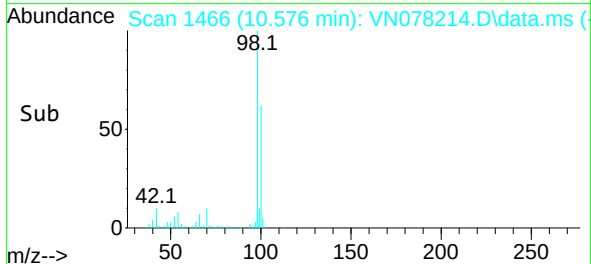
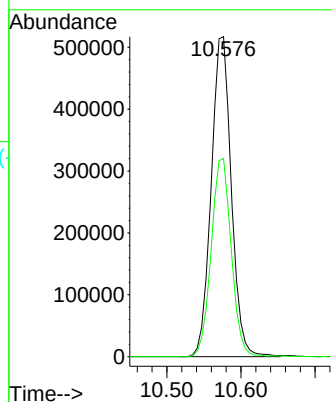
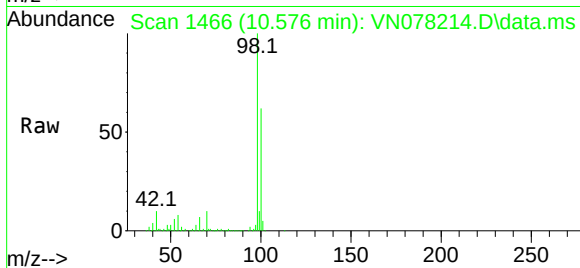
FSND-MW-EVAL-2D-06132023

Tgt Ion: 98 Resp: 972635

Ion Ratio Lower Upper

98 100

100 62.1 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 48.022 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN078214.D

Acq: 14 Jun 2023 18:33

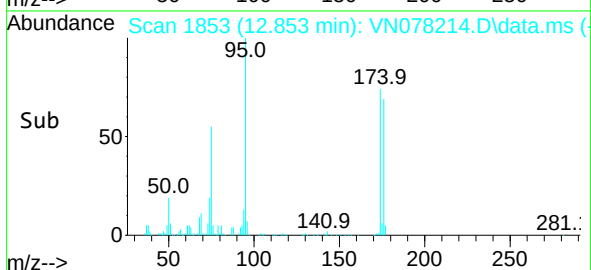
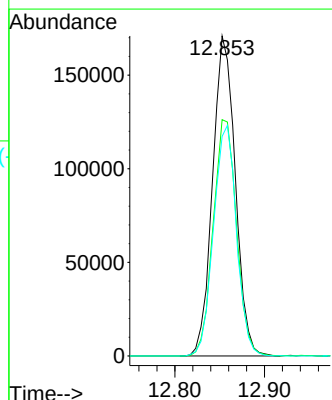
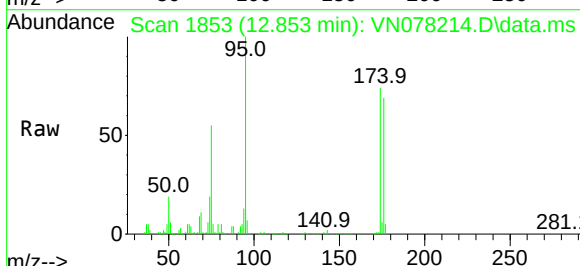
Tgt Ion: 95 Resp: 300217

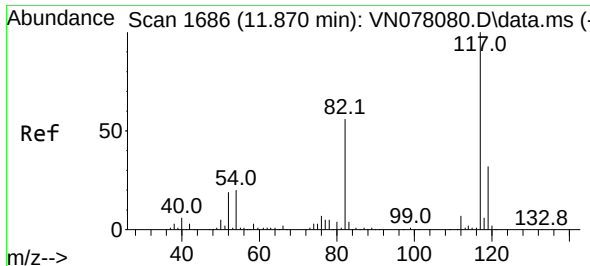
Ion Ratio Lower Upper

95 100

174 75.9 0.0 143.8

176 72.7 0.0 135.8

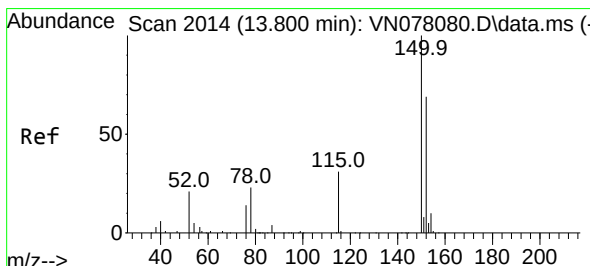
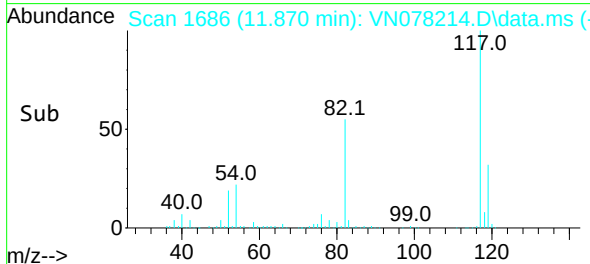
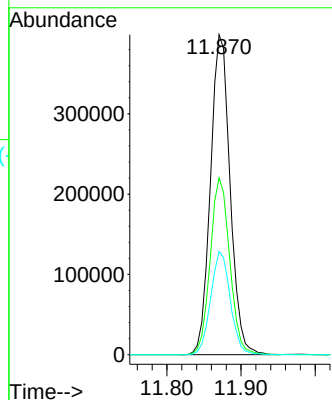
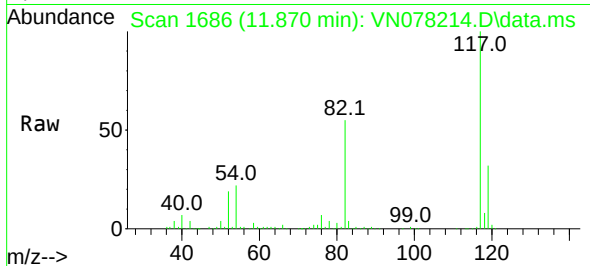




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN078214.D
Acq: 14 Jun 2023 18:33

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-EVAL-2D-06132023

Tgt Ion:117 Resp: 732854
Ion Ratio Lower Upper
117 100
82 55.2 44.0 66.0
119 32.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078214.D
Acq: 14 Jun 2023 18:33

Tgt Ion:152 Resp: 235051
Ion Ratio Lower Upper
152 100
115 62.7 32.3 96.8
150 157.7 0.0 355.8

