

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110323\
 Data File : VN079882.D
 Acq On : 04 Nov 2023 07:07
 Operator : JC\MD
 Sample : 05223-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-20-20231030

Quant Time: Nov 06 00:28:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

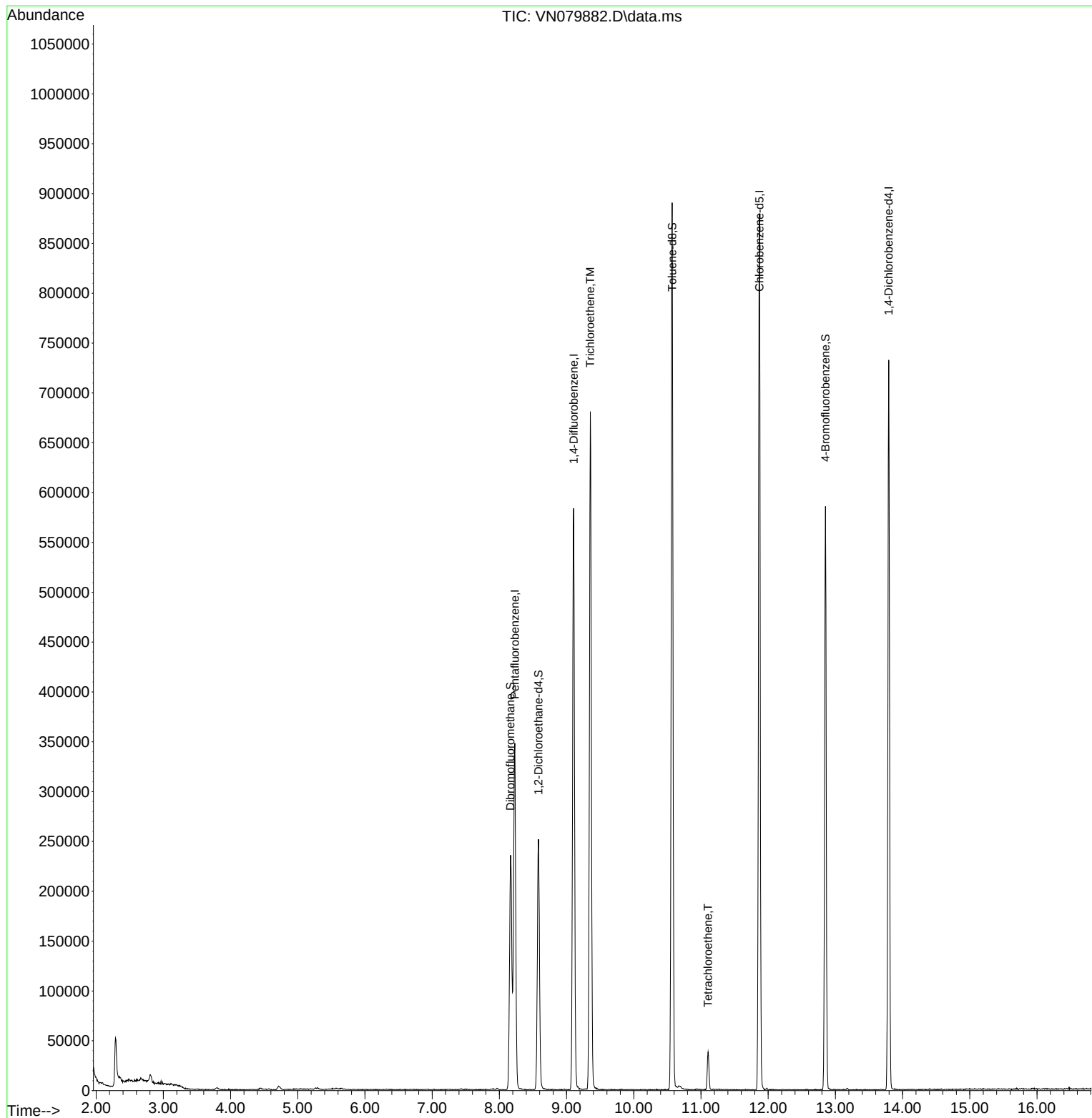
Internal Standards						
1) Pentafluorobenzene	8.230	168	242052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	479993	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	493720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	185924	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	206001	55.861	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.720%
35) Dibromofluoromethane	8.165	113	167994	49.451	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.900%
50) Toluene-d8	10.571	98	596608	47.705	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.400%
62) 4-Bromofluorobenzene	12.853	95	194544	46.904	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.800%
Target Compounds						
					Qvalue	
44) Trichloroethene	9.353	130	235117	65.218	ug/l	97
64) Tetrachloroethene	11.106	164	8081	2.527	ug/l	88

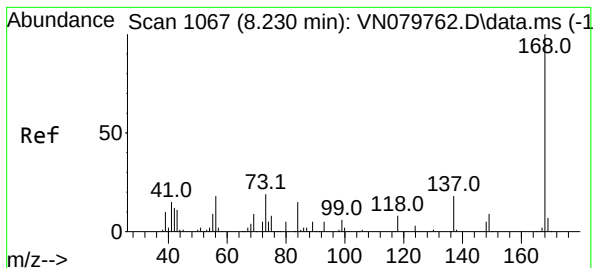
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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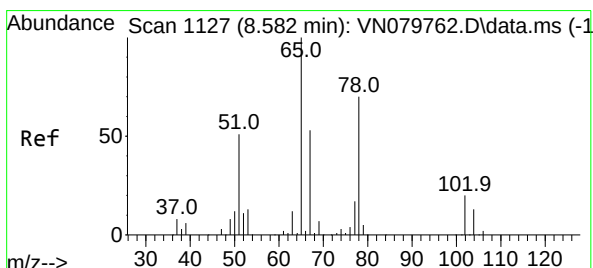
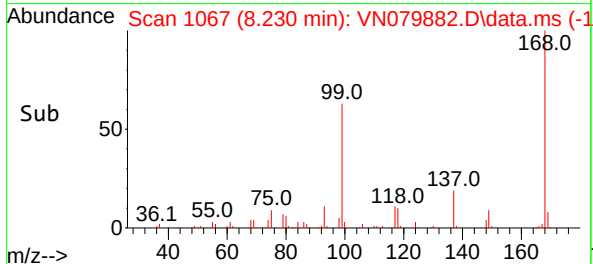
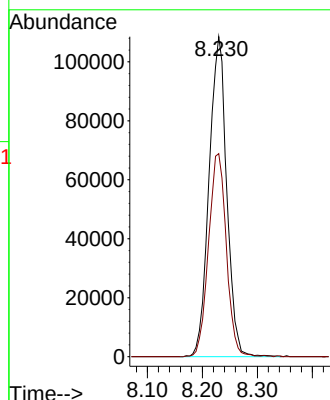
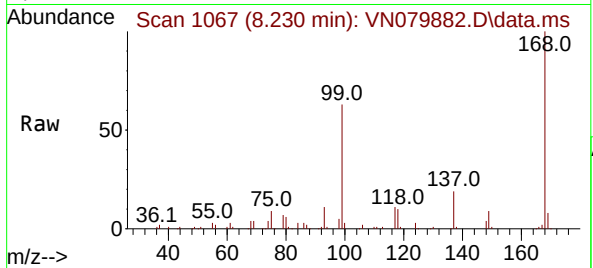




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN079882.D
Acq: 04 Nov 2023 07:07

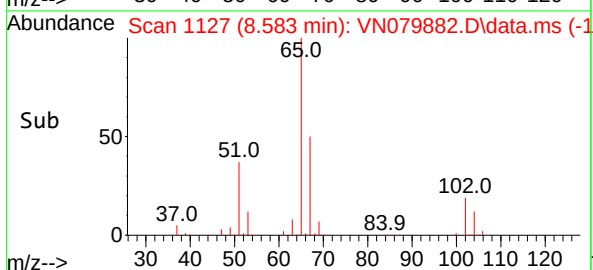
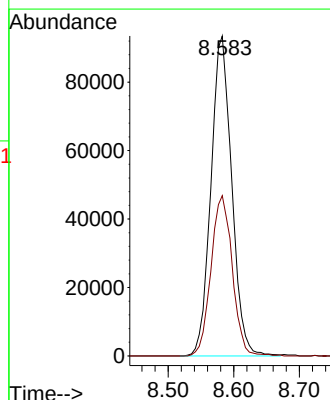
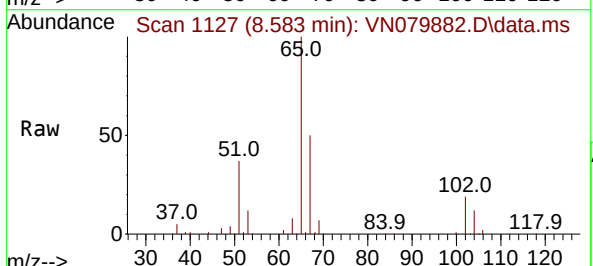
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-20-20231030

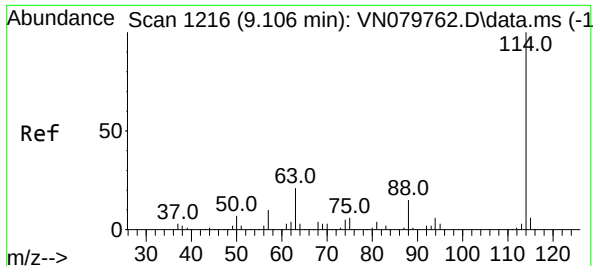
Tgt Ion:168 Resp: 242052
Ion Ratio Lower Upper
168 100
99 63.5 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 55.861 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079882.D
Acq: 04 Nov 2023 07:07

Tgt Ion: 65 Resp: 206001
Ion Ratio Lower Upper
65 100
67 51.4 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN079882.D

Acq: 04 Nov 2023 07:07

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-20-20231030

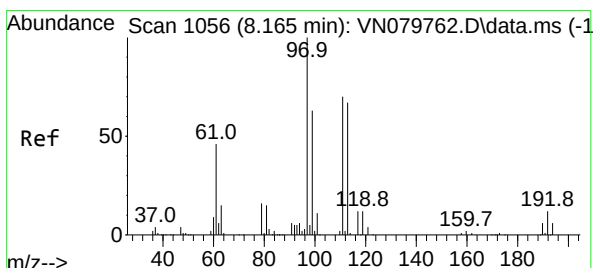
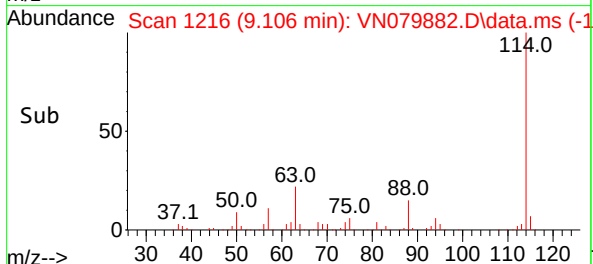
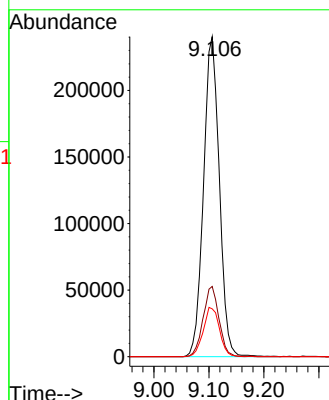
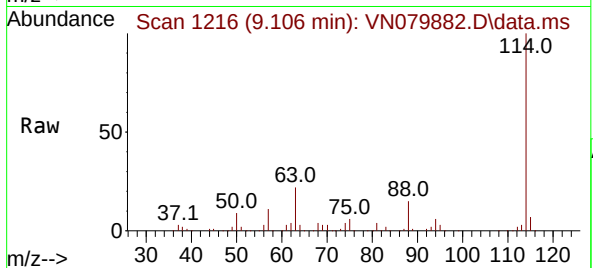
Tgt Ion:114 Resp: 479993

Ion Ratio Lower Upper

114 100

63 22.0 0.0 36.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.451 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN079882.D

Acq: 04 Nov 2023 07:07

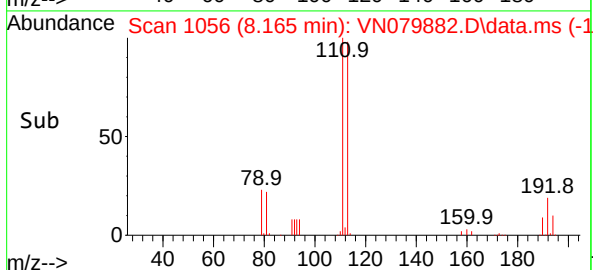
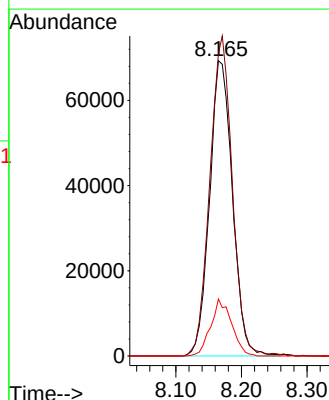
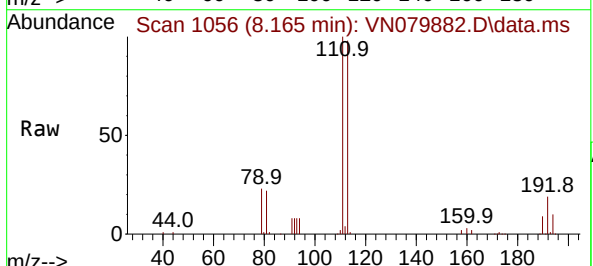
Tgt Ion:113 Resp: 167994

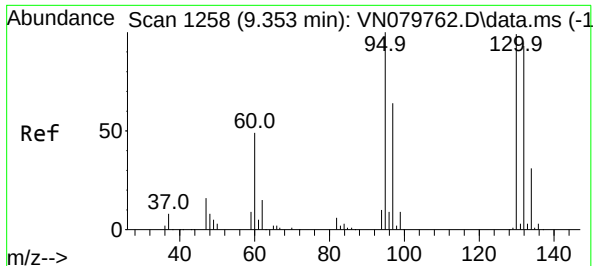
Ion Ratio Lower Upper

113 100

111 106.3 82.6 123.8

192 17.7 12.7 19.1

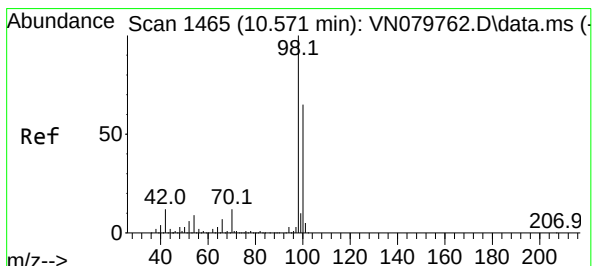
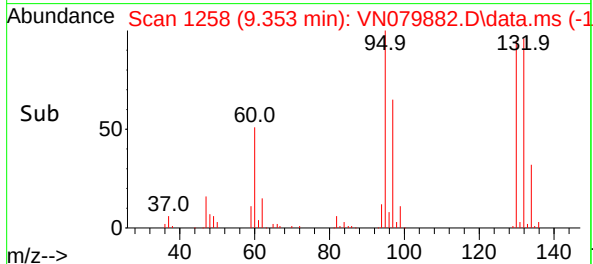
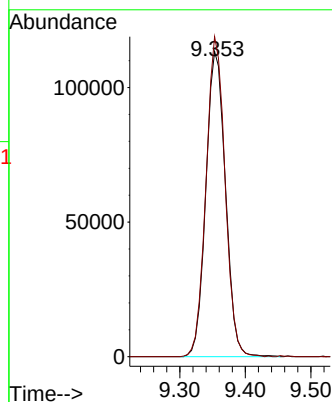
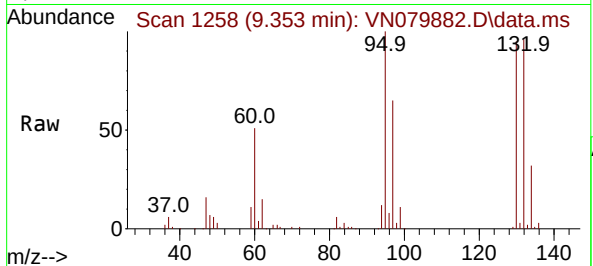




#44
Trichloroethene
Concen: 65.218 ug/l
RT: 9.353 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079882.D
Acq: 04 Nov 2023 07:07

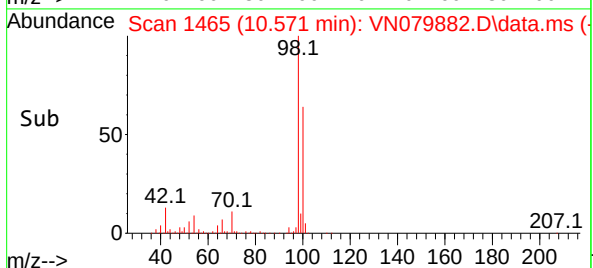
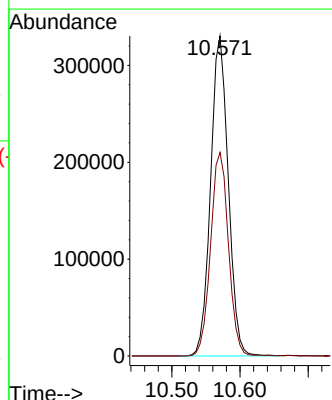
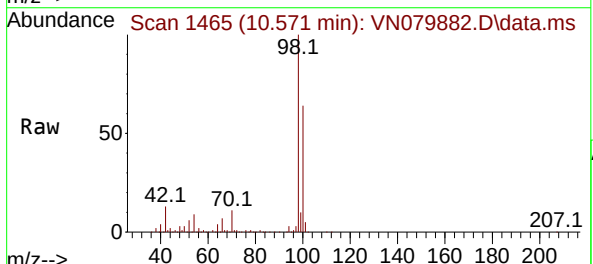
Instrument :
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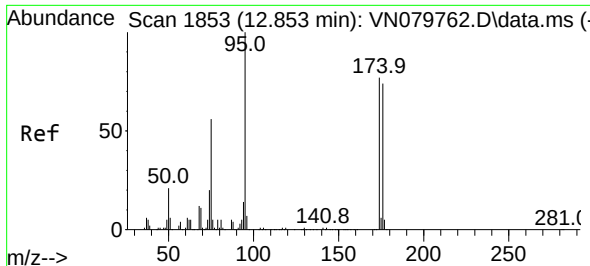
Tgt Ion:130 Resp: 235117
Ion Ratio Lower Upper
130 100
95 104.8 0.0 204.6



#50
Toluene-d8
Concen: 47.705 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079882.D
Acq: 04 Nov 2023 07:07

Tgt Ion: 98 Resp: 596608
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0

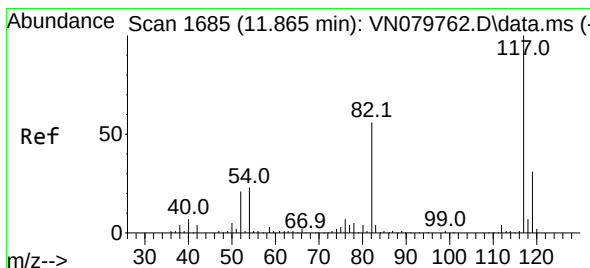
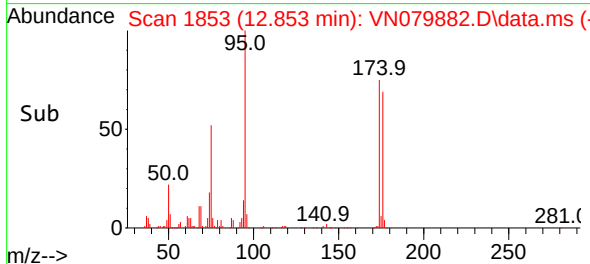
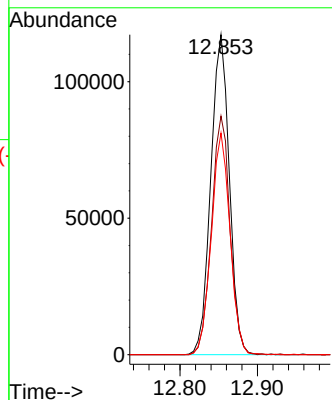
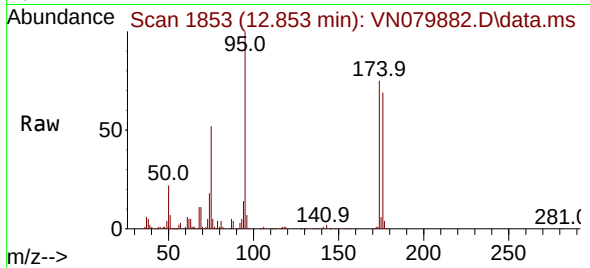




#62
4-Bromofluorobenzene
Concen: 46.904 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079882.D
Acq: 04 Nov 2023 07:07

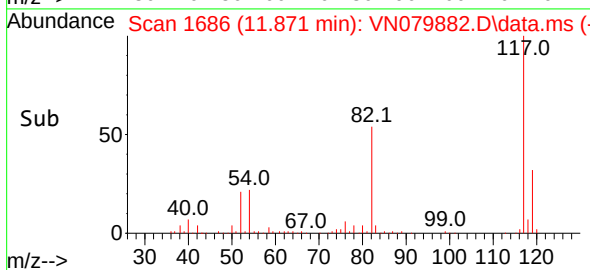
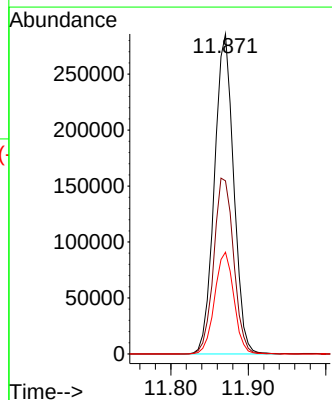
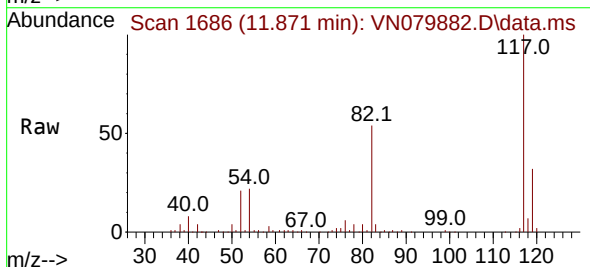
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-20-20231030

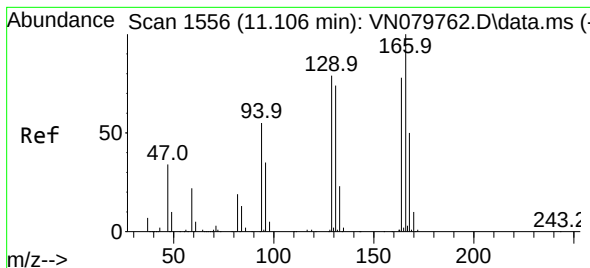
Tgt Ion: 95 Resp: 194544
Ion Ratio Lower Upper
95 100
174 74.5 0.0 143.8
176 69.9 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079882.D
Acq: 04 Nov 2023 07:07

Tgt Ion: 117 Resp: 493720
Ion Ratio Lower Upper
117 100
82 54.1 44.0 66.0
119 31.8 25.6 38.4





#64

Tetrachloroethene

Concen: 2.527 ug/l

RT: 11.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079882.D

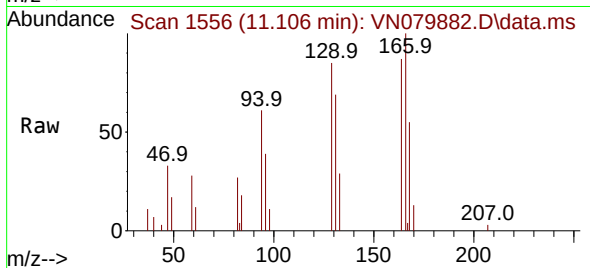
Acq: 04 Nov 2023 07:07

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-20-20231030



Tgt Ion:164 Resp: 8081

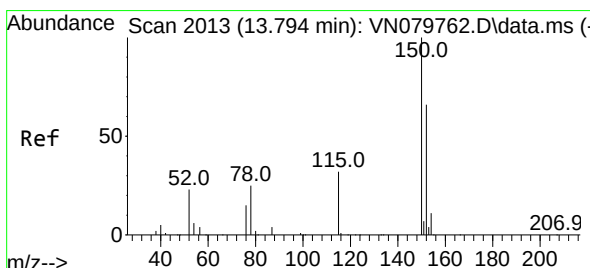
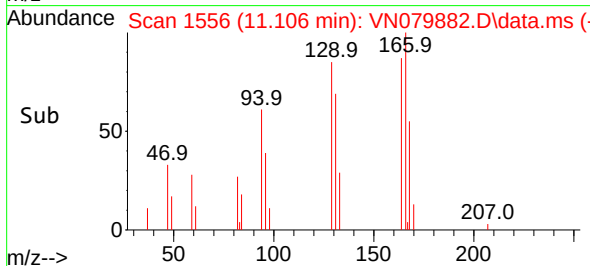
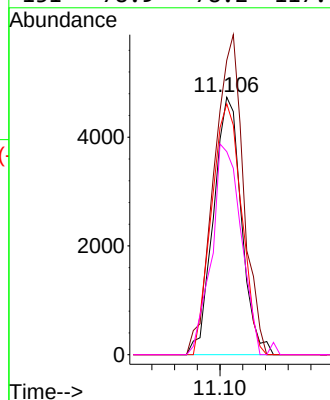
Ion Ratio Lower Upper

164 100

166 114.4 101.4 152.0

129 97.4 82.4 123.6

131 78.9 78.2 117.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN079882.D

Acq: 04 Nov 2023 07:07

Tgt Ion:152 Resp: 185924

Ion Ratio Lower Upper

152 100

115 61.9 32.3 96.8

150 157.7 0.0 355.8

