

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061423\
 Data File : VN078212.D
 Acq On : 14 Jun 2023 17:45
 Operator : JC\MD
 Sample : 03231-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-22R-06132023

Quant Time: Jun 15 02:47:11 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)

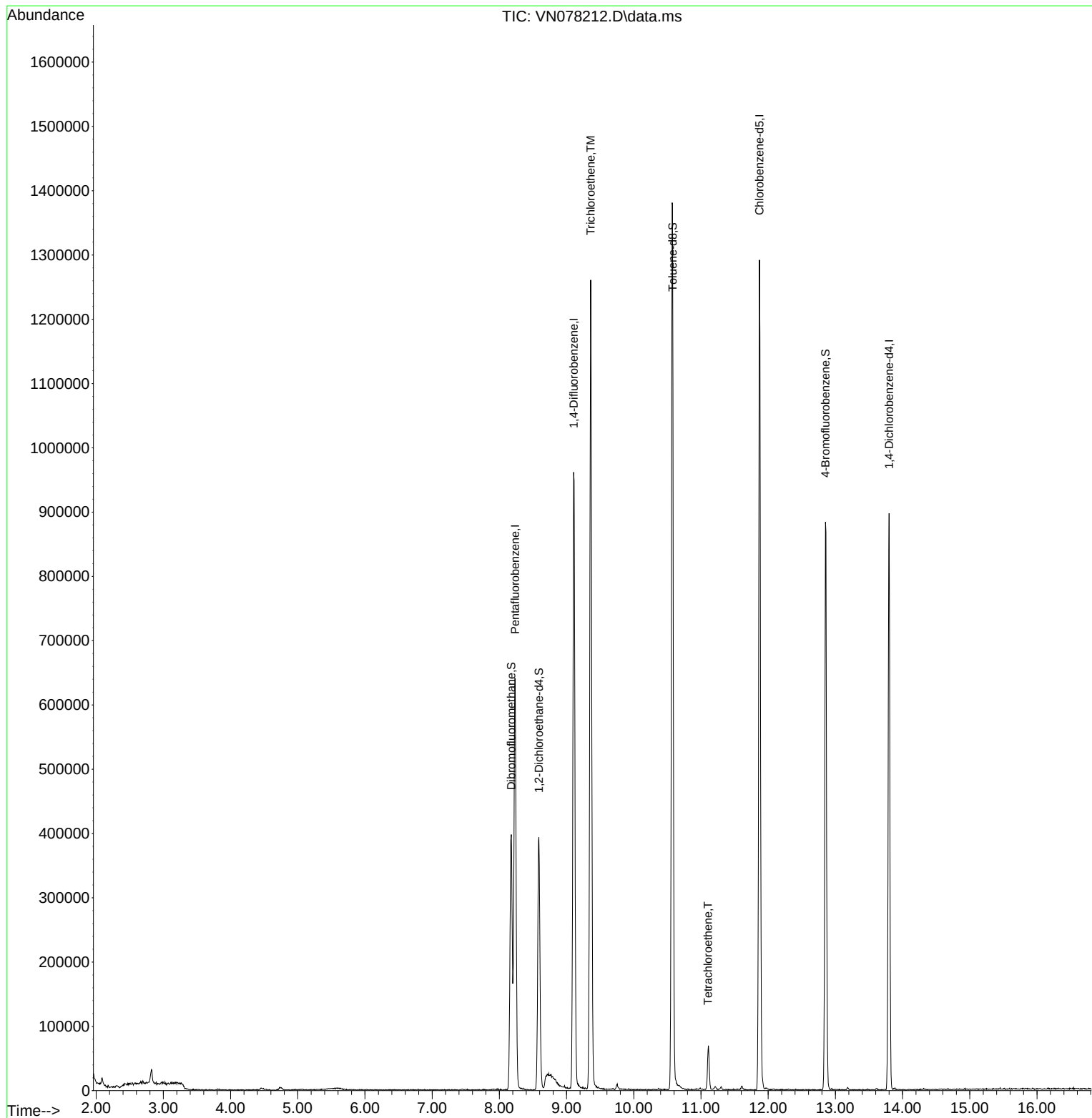
Internal Standards						
1) Pentafluorobenzene	8.235	168	457177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	861030	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	761006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	242894	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	324181	53.183	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.360%
35) Dibromofluoromethane	8.177	113	294023	54.007	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.020%
50) Toluene-d8	10.576	98	1012806	48.257	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.520%
62) 4-Bromofluorobenzene	12.853	95	312479	47.892	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.780%
Target Compounds						
						Qvalue
44) Trichloroethene	9.359	130	443461	72.028	ug/l	97
64) Tetrachloroethene	11.106	164	14533	2.863	ug/l	94

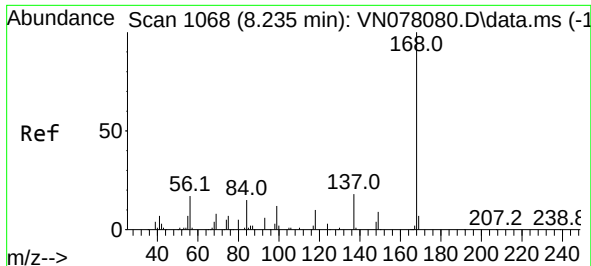
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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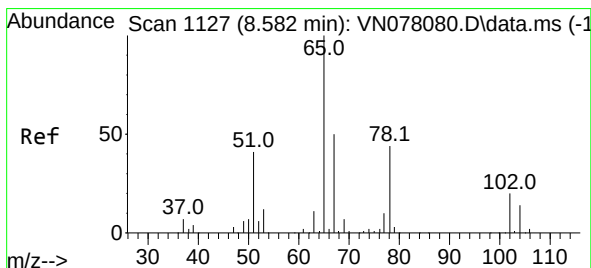
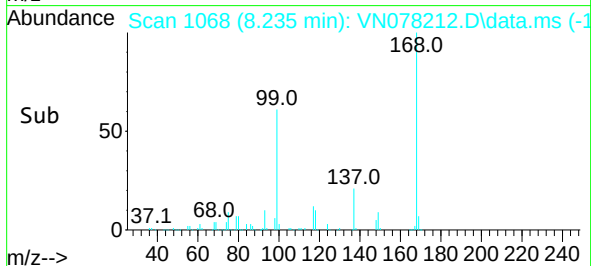
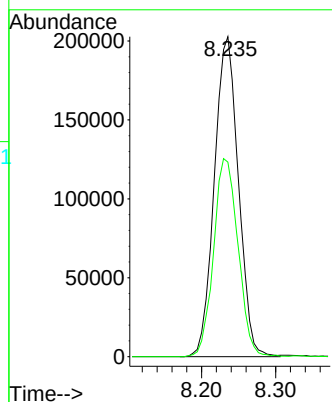
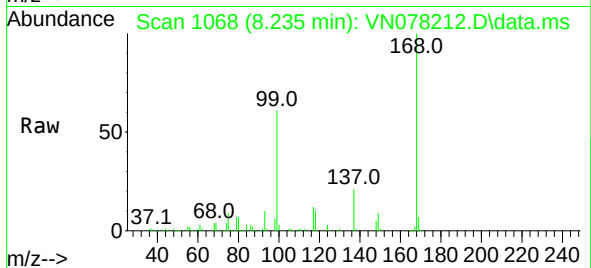




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078212.D
Acq: 14 Jun 2023 17:45

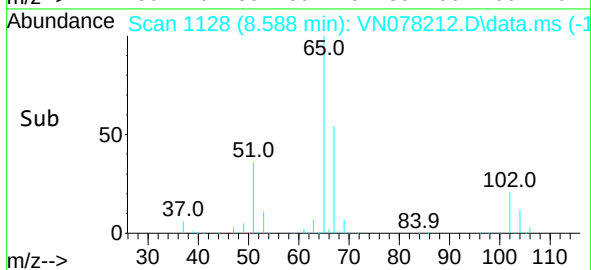
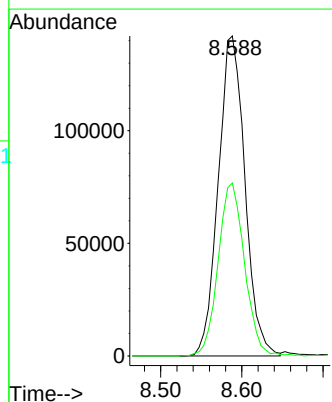
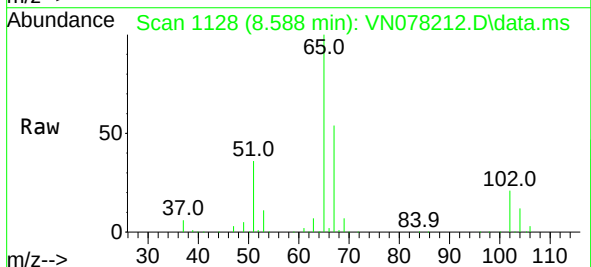
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-22R-06132023

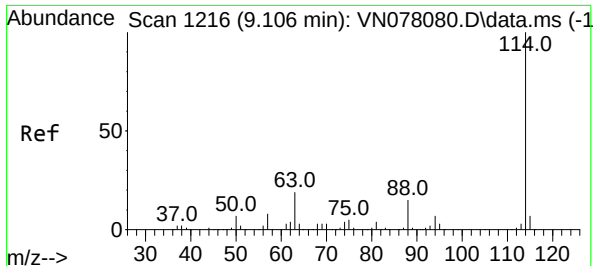
Tgt Ion:168 Resp: 457177
Ion Ratio Lower Upper
168 100
99 60.8 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 53.183 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078212.D
Acq: 14 Jun 2023 17:45

Tgt Ion: 65 Resp: 324181
Ion Ratio Lower Upper
65 100
67 53.6 0.0 106.6

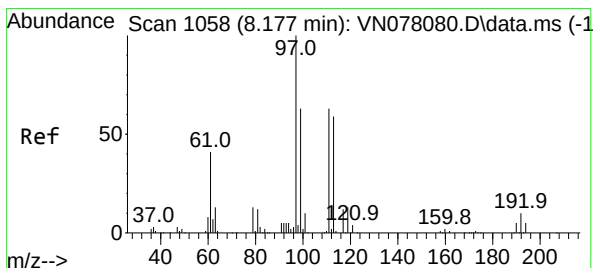
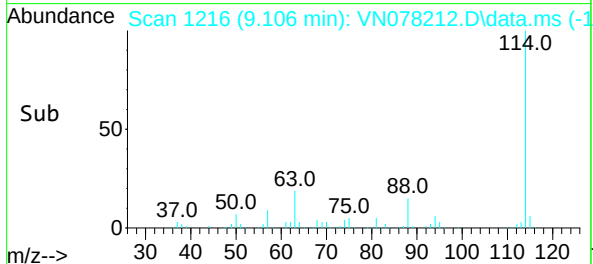
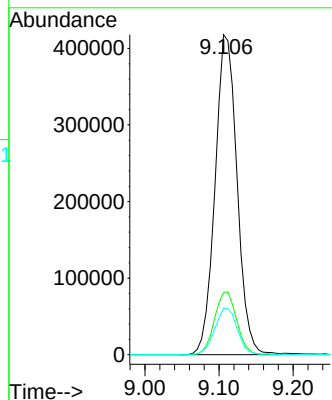
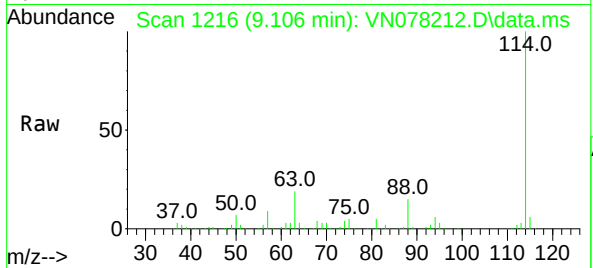




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN078212.D
Acq: 14 Jun 2023 17:45

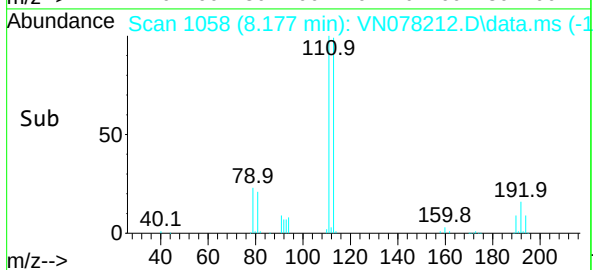
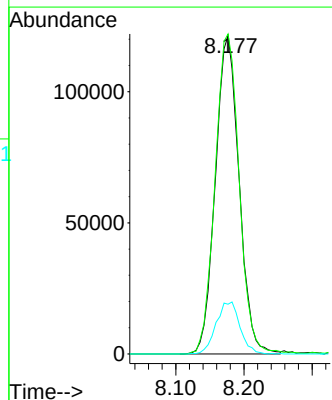
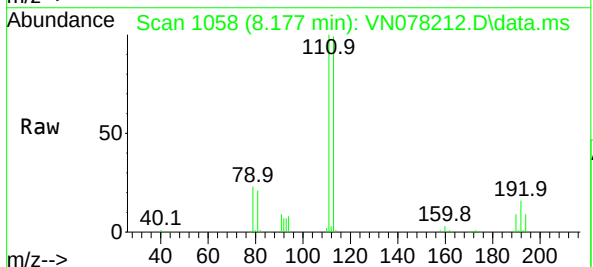
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-22R-06132023

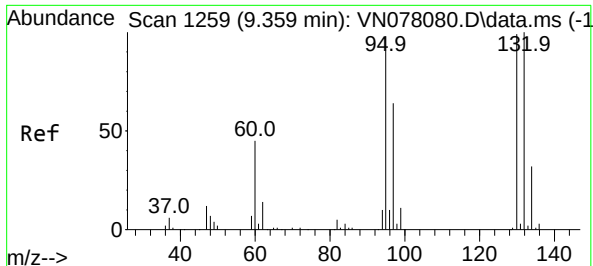
Tgt Ion:114 Resp: 861030
Ion Ratio Lower Upper
114 100
63 19.4 0.0 36.4
88 14.5 0.0 30.6



#35
Dibromofluoromethane
Concen: 54.007 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078212.D
Acq: 14 Jun 2023 17:45

Tgt Ion:113 Resp: 294023
Ion Ratio Lower Upper
113 100
111 102.3 82.6 123.8
192 16.4 12.7 19.1

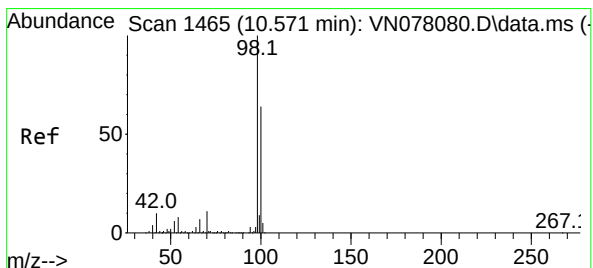
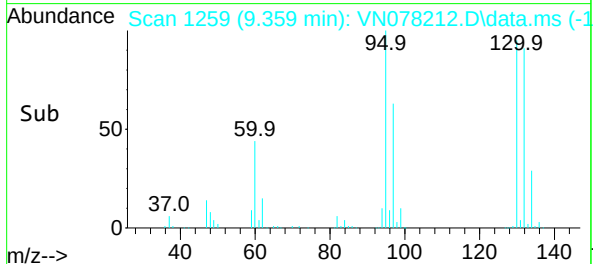
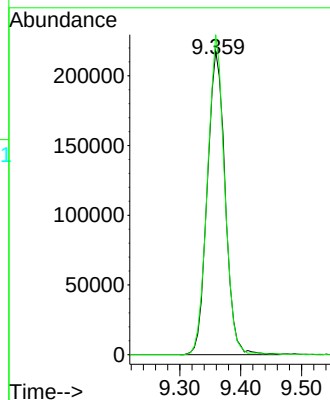
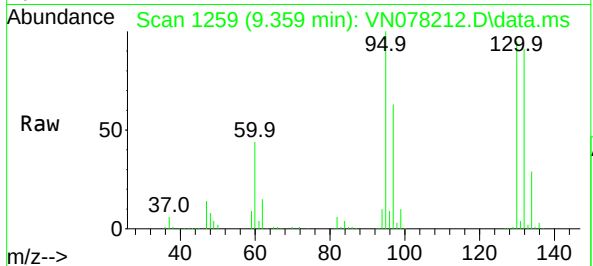




#44
Trichloroethene
Concen: 72.028 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078212.D
Acq: 14 Jun 2023 17:45

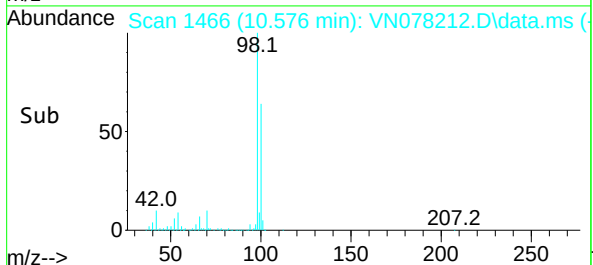
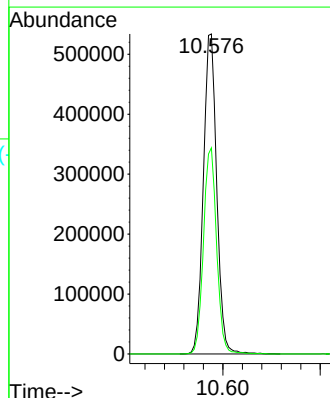
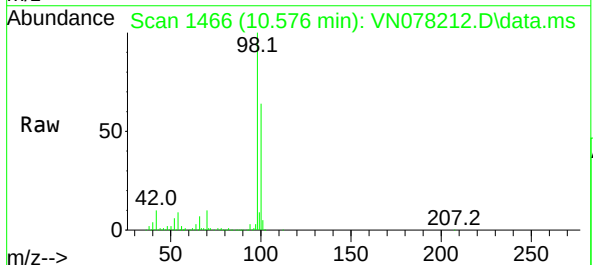
Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-22R-06132023

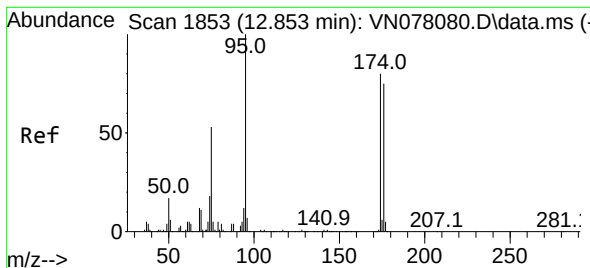
Tgt Ion:130 Resp: 443461
Ion Ratio Lower Upper
130 100
95 105.3 0.0 204.6



#50
Toluene-d8
Concen: 48.257 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN078212.D
Acq: 14 Jun 2023 17:45

Tgt Ion: 98 Resp: 1012806
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0





#62

4-Bromofluorobenzene

Concen: 47.892 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN078212.D

Acq: 14 Jun 2023 17:45

Instrument :

MSVOA_N

ClientSampleId :

FSND-MW-22R-06132023

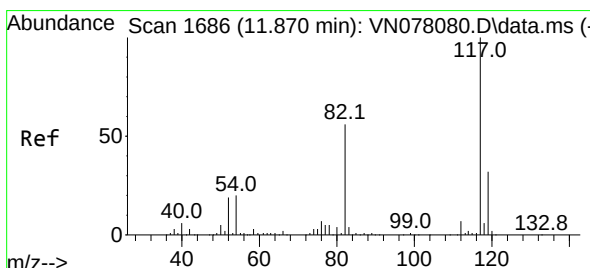
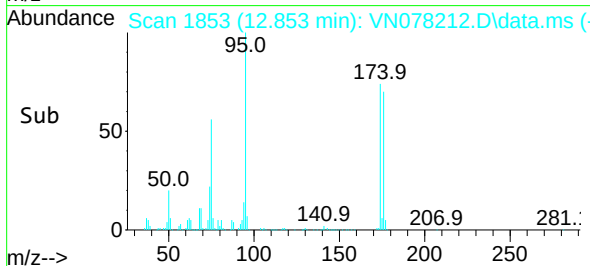
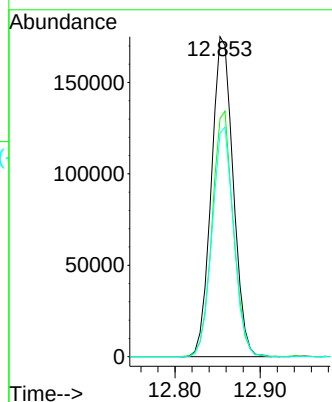
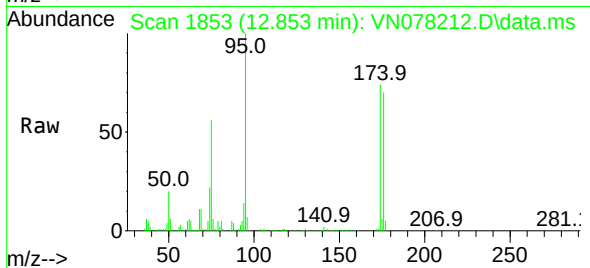
Tgt Ion: 95 Resp: 312479

Ion Ratio Lower Upper

95 100

174 74.5 0.0 143.8

176 71.0 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: VN078212.D

Acq: 14 Jun 2023 17:45

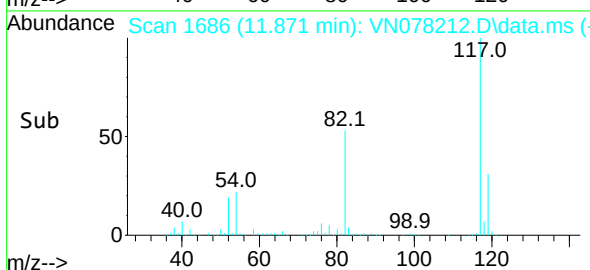
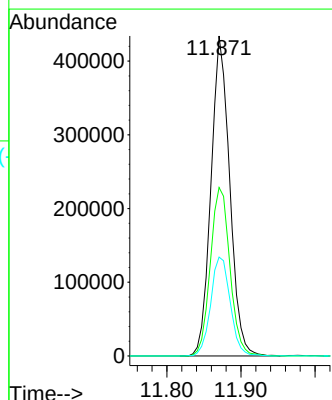
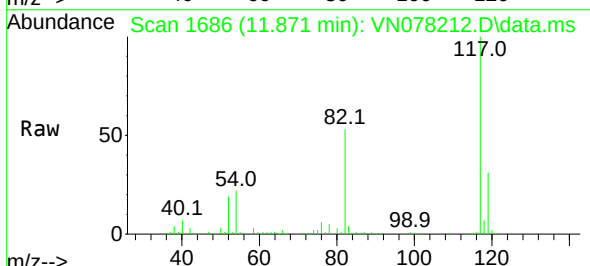
Tgt Ion: 117 Resp: 761006

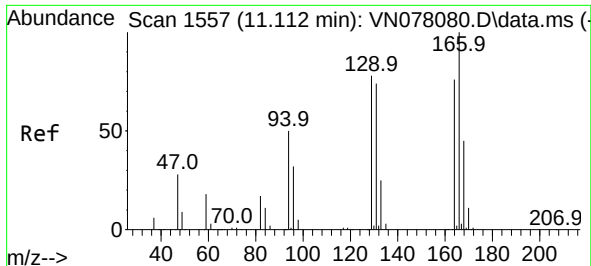
Ion Ratio Lower Upper

117 100

82 52.7 44.0 66.0

119 30.9 25.6 38.4



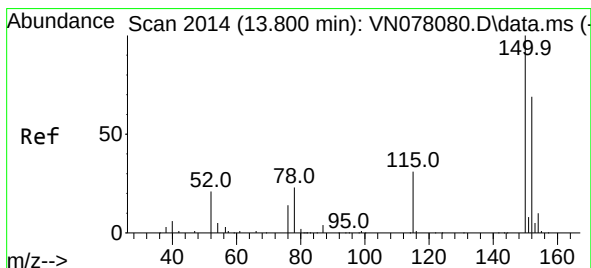
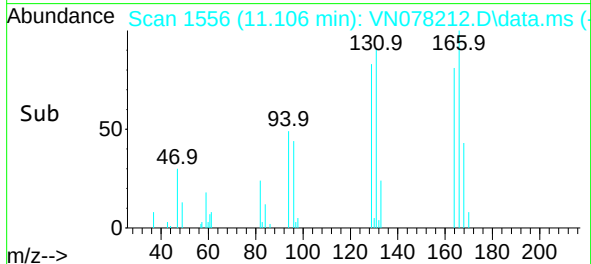
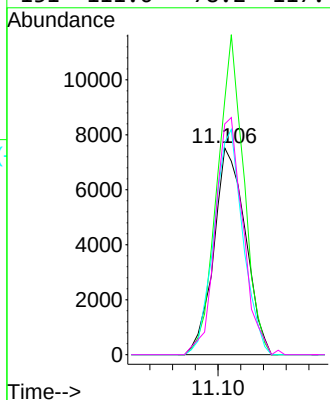
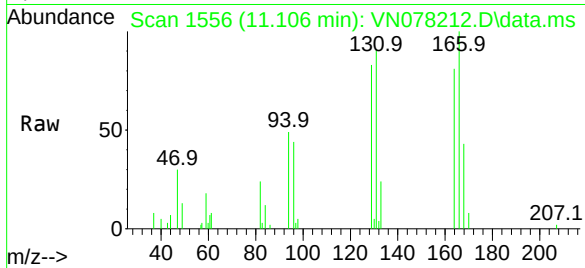


#64
Tetrachloroethene
Concen: 2.863 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078212.D
Acq: 14 Jun 2023 17:45

Instrument :
MSVOA_N
ClientSampleId :
FSND-MW-22R-06132023

Tgt Ion:164 Resp: 14533

Ion	Ratio	Lower	Upper
164	100		
166	123.0	101.4	152.0
129	102.5	82.4	123.6
131	111.6	78.2	117.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078212.D
Acq: 14 Jun 2023 17:45

Tgt Ion:152 Resp: 242894

Ion	Ratio	Lower	Upper
152	100		
115	61.2	32.3	96.8
150	153.8	0.0	355.8

