

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061523\
 Data File : VN078234.D
 Acq On : 15 Jun 2023 17:33
 Operator : JC\MD
 Sample : 03231-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-DUP-1-06122023

Quant Time: Jun 16 06:09:50 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)

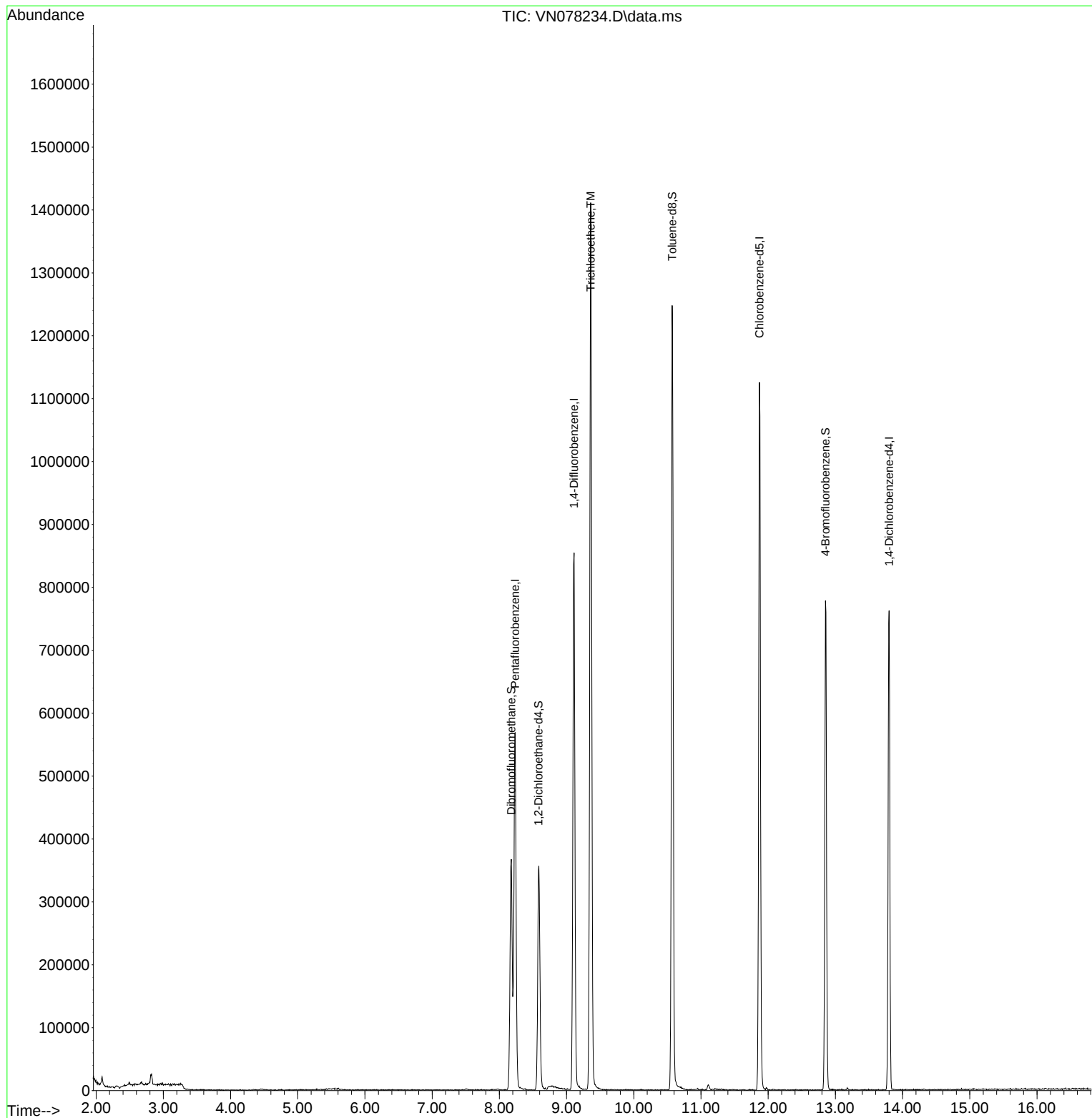
Internal Standards						
1) Pentafluorobenzene	8.235	168	402649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	752944	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	682010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	211843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	299397	55.769	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.540%
35) Dibromofluoromethane	8.177	113	258166	54.228	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.460%
50) Toluene-d8	10.571	98	907214	49.431	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.860%
62) 4-Bromofluorobenzene	12.853	95	276977	48.545	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.100%
Target Compounds						
					Qvalue	
44) Trichloroethene	9.359	130	490850	91.170	ug/l	99

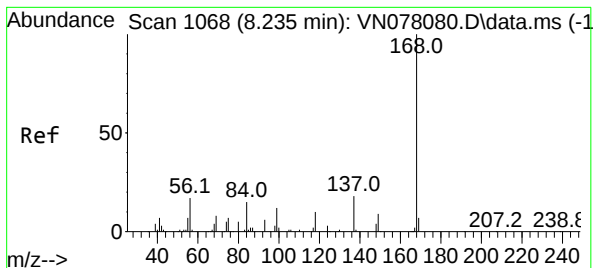
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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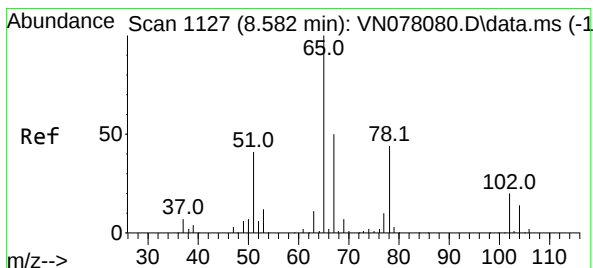
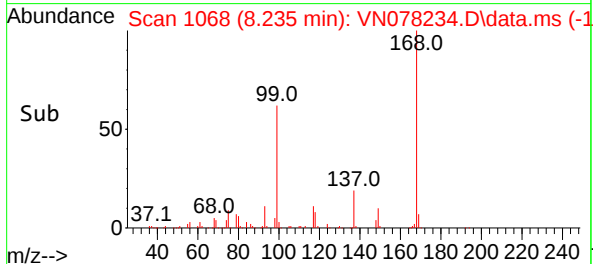
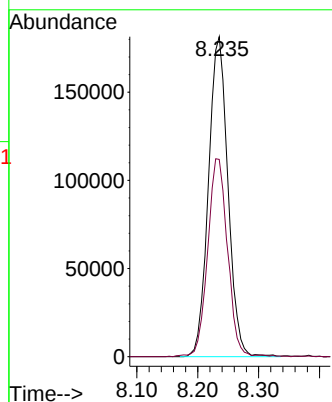
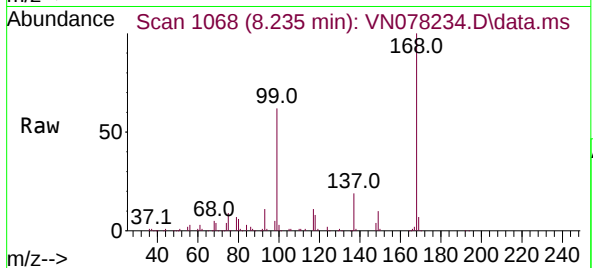




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VN078234.D
Acq: 15 Jun 2023 17:33

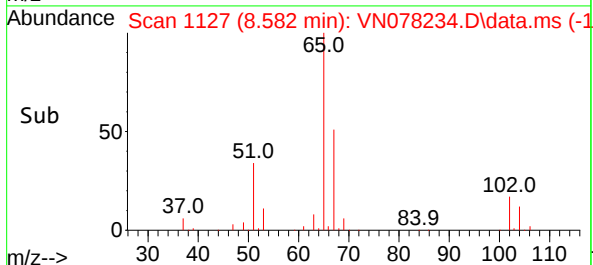
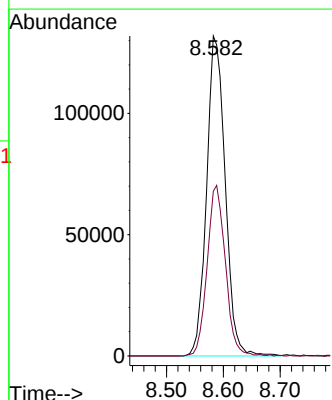
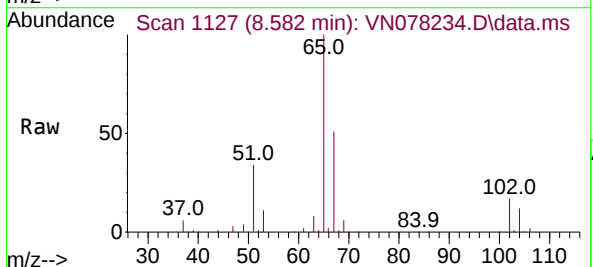
Instrument :
MSVOA_N
ClientSampleId :
FSND-DUP-1-06122023

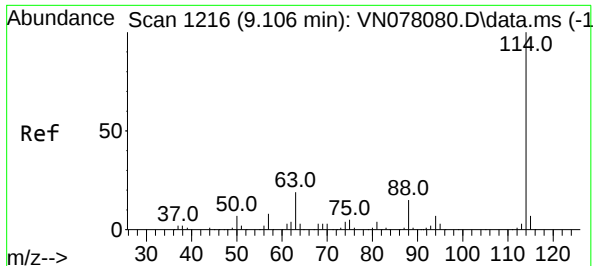
Tgt Ion:168 Resp: 402649
Ion Ratio Lower Upper
168 100
99 61.4 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 55.769 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078234.D
Acq: 15 Jun 2023 17:33

Tgt Ion: 65 Resp: 299397
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078234.D

Acq: 15 Jun 2023 17:33

Instrument :

MSVOA_N

ClientSampleId :

FSND-DUP-1-06122023

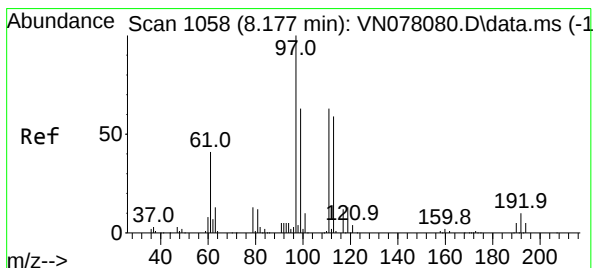
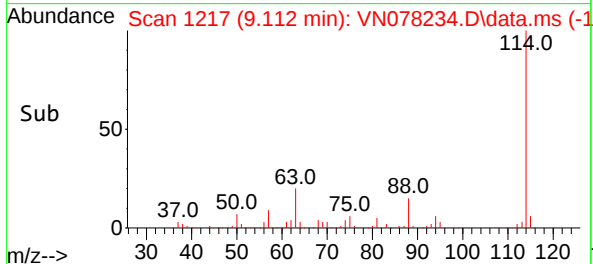
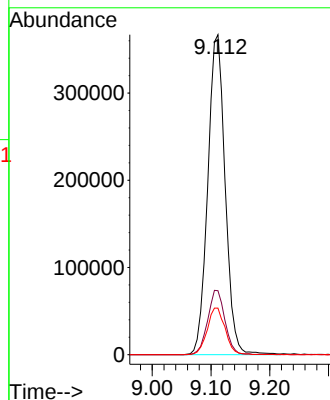
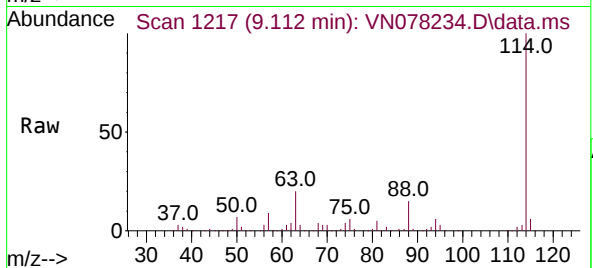
Tgt Ion:114 Resp: 752944

Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.228 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078234.D

Acq: 15 Jun 2023 17:33

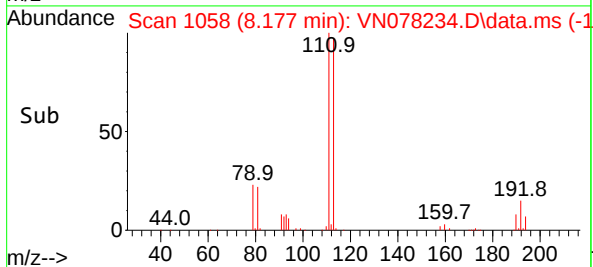
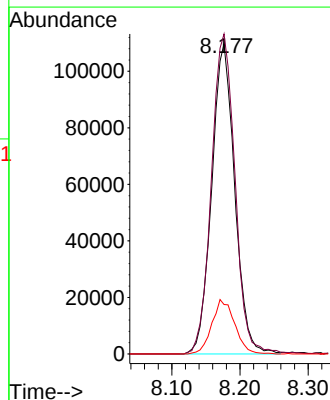
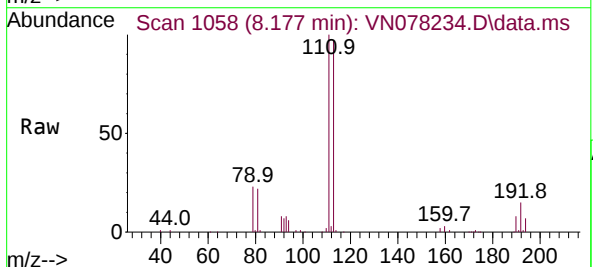
Tgt Ion:113 Resp: 258166

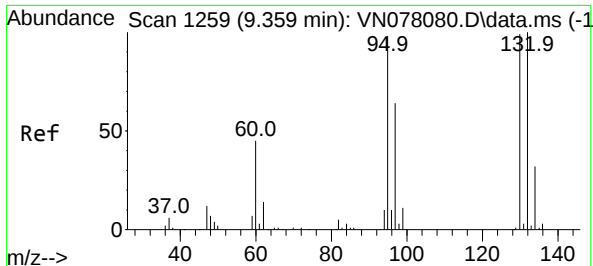
Ion Ratio Lower Upper

113 100

111 105.6 82.6 123.8

192 17.4 12.7 19.1

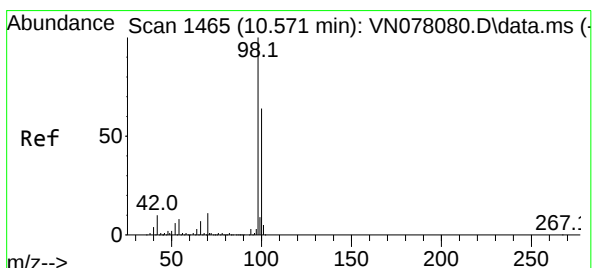
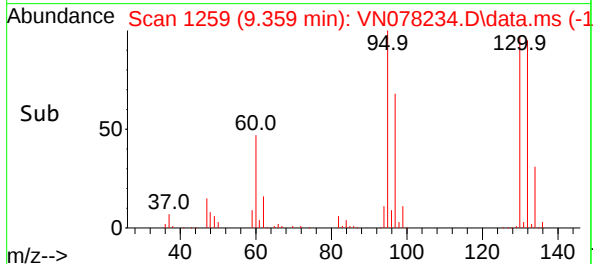
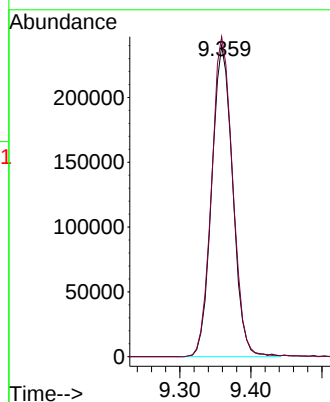
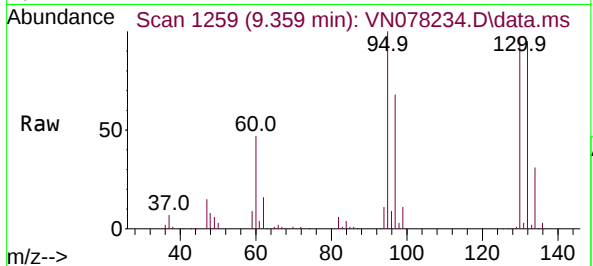




#44
Trichloroethene
Concen: 91.170 ug/l
RT: 9.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078234.D
Acq: 15 Jun 2023 17:33

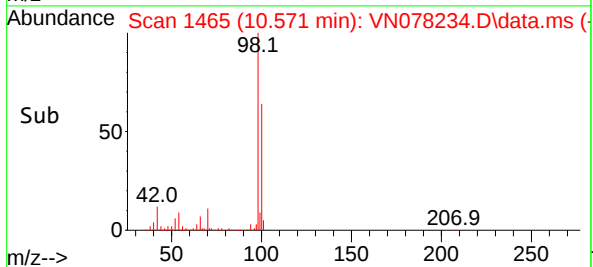
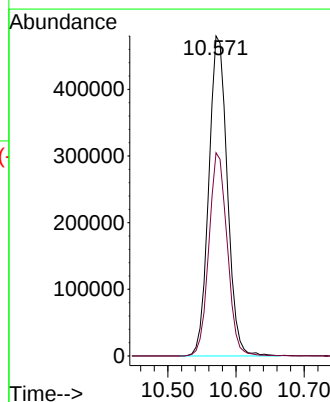
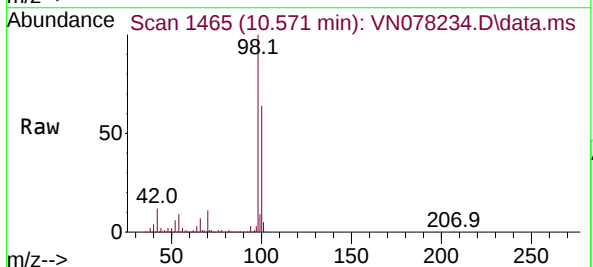
Instrument :
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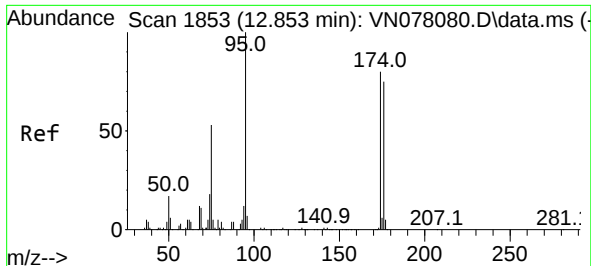
Tgt Ion:130 Resp: 490850
Ion Ratio Lower Upper
130 100
95 102.9 0.0 204.6



#50
Toluene-d8
Concen: 49.431 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078234.D
Acq: 15 Jun 2023 17:33

Tgt Ion: 98 Resp: 907214
Ion Ratio Lower Upper
98 100
100 62.9 52.0 78.0

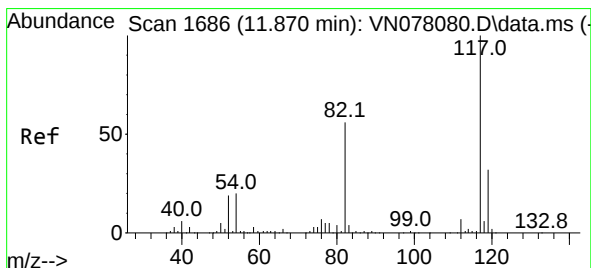
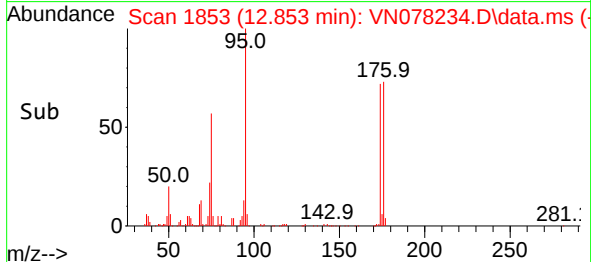
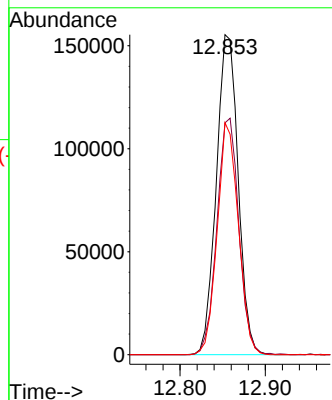
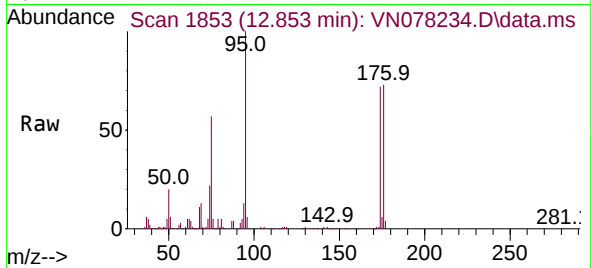




#62
4-Bromofluorobenzene
Concen: 48.545 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078234.D
Acq: 15 Jun 2023 17:33

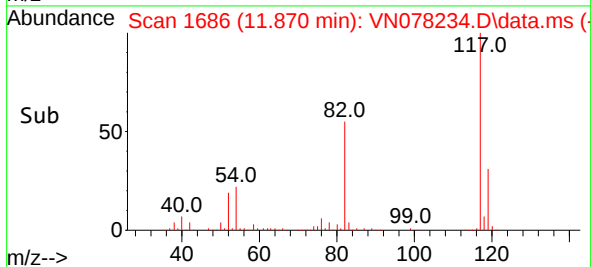
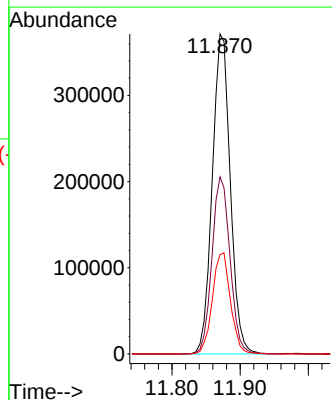
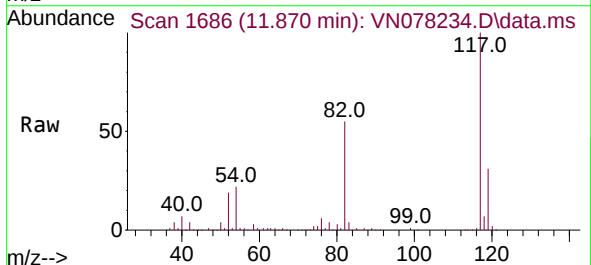
Instrument :
MSVOA_N
ClientSampleId :
FSND-DUP-1-06122023

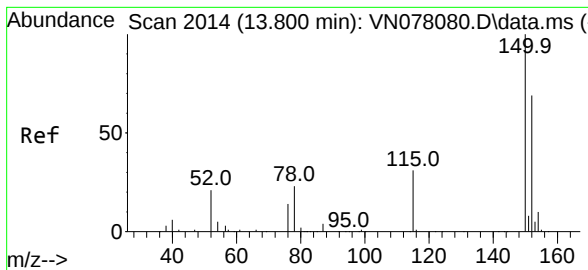
Tgt Ion: 95 Resp: 276977
Ion Ratio Lower Upper
95 100
174 74.1 0.0 143.8
176 70.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078234.D
Acq: 15 Jun 2023 17:33

Tgt Ion: 117 Resp: 682010
Ion Ratio Lower Upper
117 100
82 55.3 44.0 66.0
119 31.1 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN078234.D
 Acq: 15 Jun 2023 17:33

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-DUP-1-06122023

Tgt Ion:152 Resp: 211843
 Ion Ratio Lower Upper
 152 100
 115 60.9 32.3 96.8
 150 155.0 0.0 355.8

