

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051823\
 Data File : VN077740.D
 Acq On : 18 May 2023 16:42
 Operator : JC\MD
 Sample : 02834-04 40X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP01-20230515

Quant Time: May 19 07:35:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

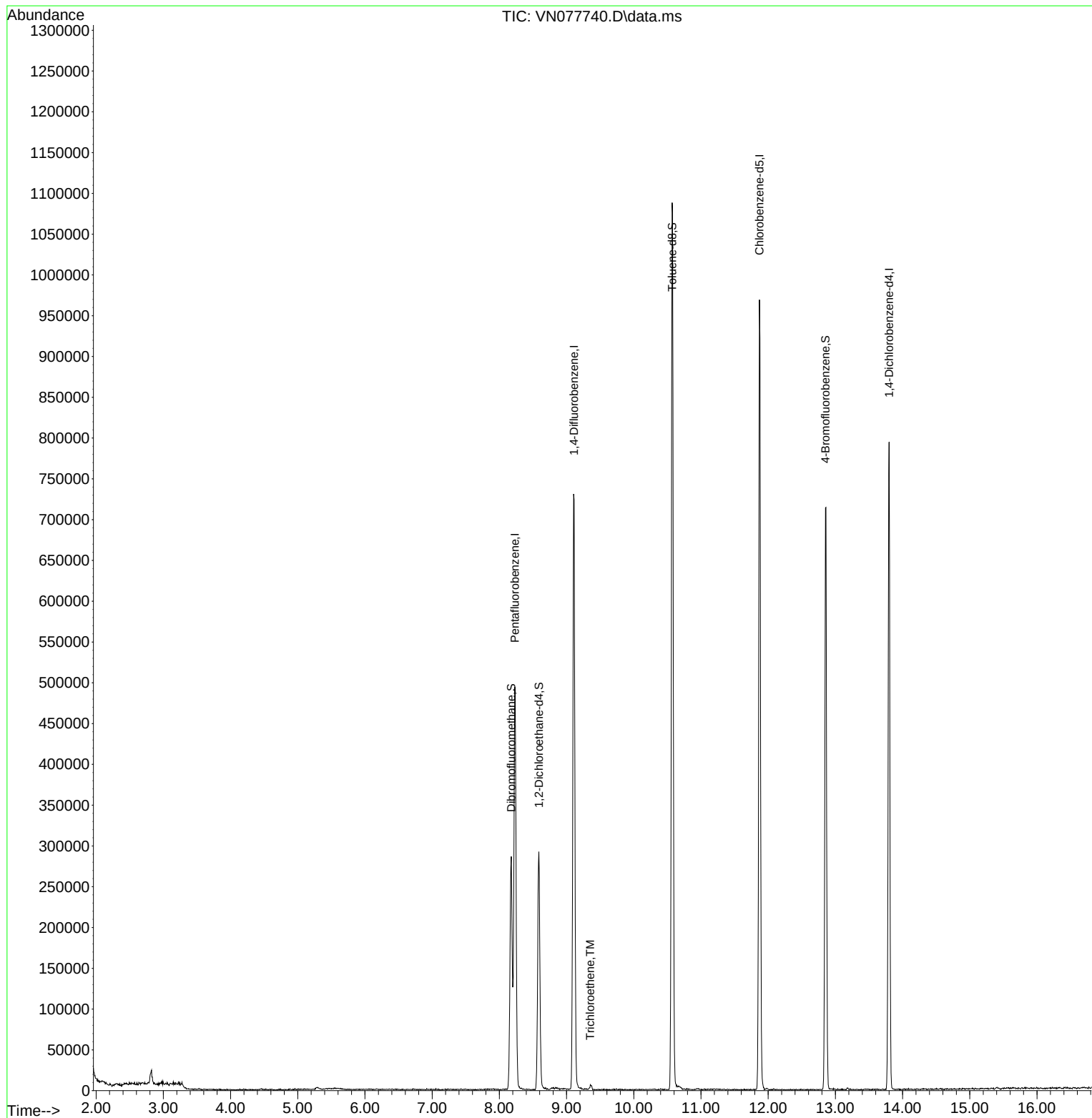
Internal Standards						
1) Pentafluorobenzene	8.229	168	353573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	647319	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	573619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	214805	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	241670	45.681	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.360%
35) Dibromofluoromethane	8.177	113	207276	49.105	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.200%
50) Toluene-d8	10.571	98	803636	49.463	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.920%
62) 4-Bromofluorobenzene	12.853	95	267864	46.681	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.360%
Target Compounds						
					Qvalue	
44) Trichloroethene	9.353	130	2572	0.558	ug/l	74

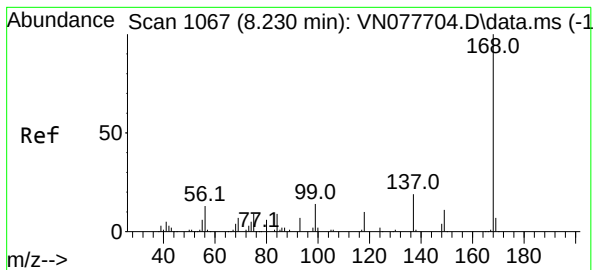
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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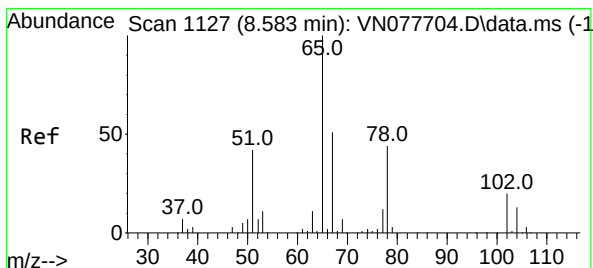
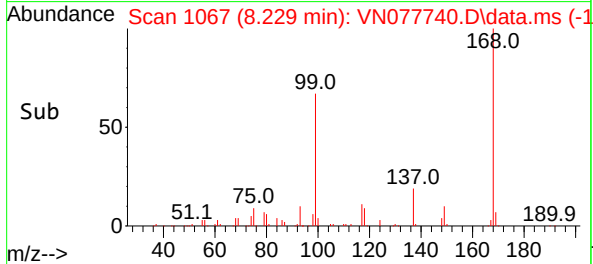
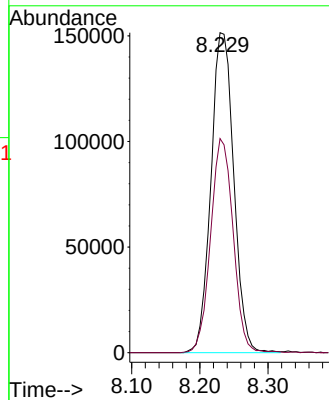
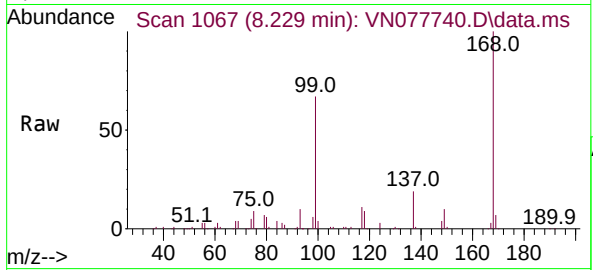




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN077740.D
Acq: 18 May 2023 16:42

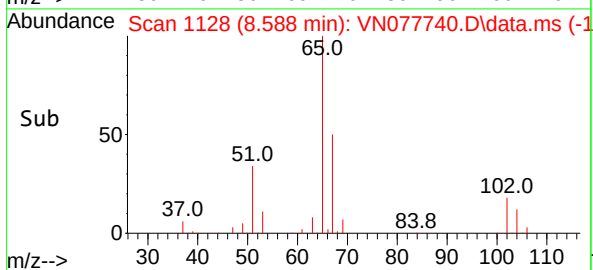
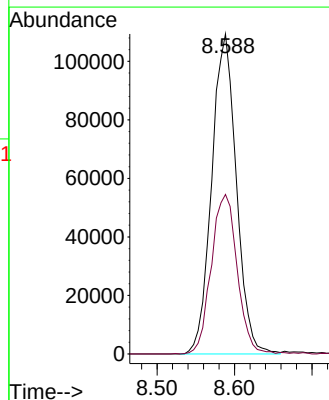
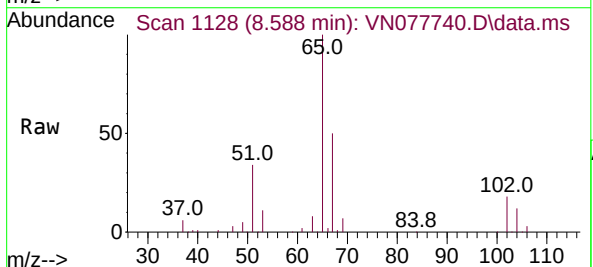
Instrument :
MSVOA_N
ClientSampleId :
DUP01-20230515

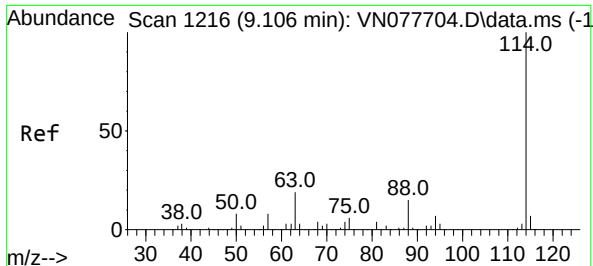
Tgt Ion:168 Resp: 353573
Ion Ratio Lower Upper
168 100
99 66.9 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 45.681 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077740.D
Acq: 18 May 2023 16:42

Tgt Ion: 65 Resp: 241670
Ion Ratio Lower Upper
65 100
67 52.5 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: VN077740.D

Acq: 18 May 2023 16:42

Instrument :

MSVOA_N

ClientSampleId :

DUP01-20230515

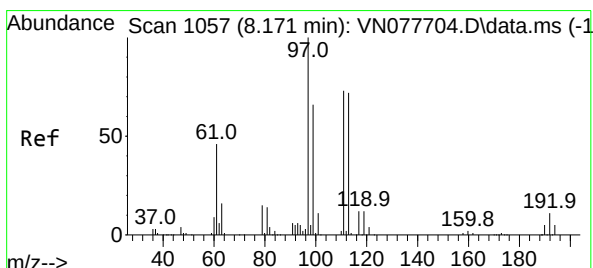
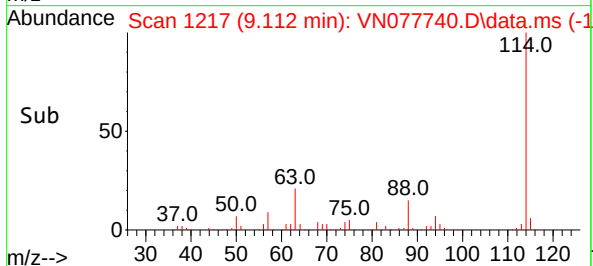
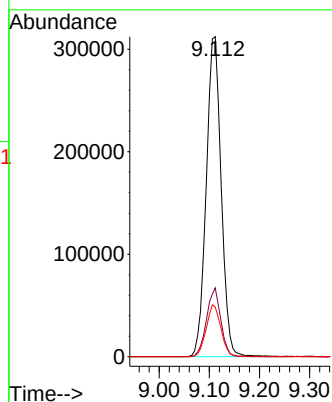
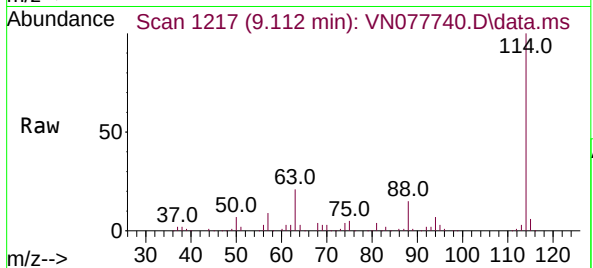
Tgt Ion:114 Resp: 647319

Ion Ratio Lower Upper

114 100

63 21.5 0.0 36.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.105 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077740.D

Acq: 18 May 2023 16:42

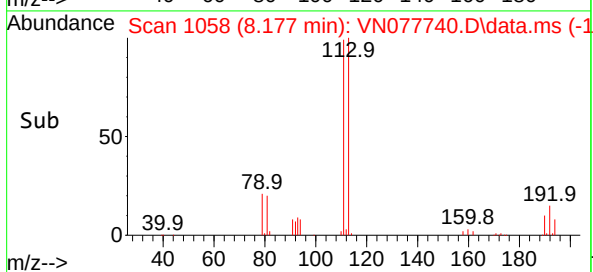
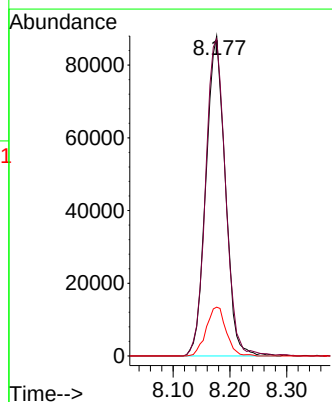
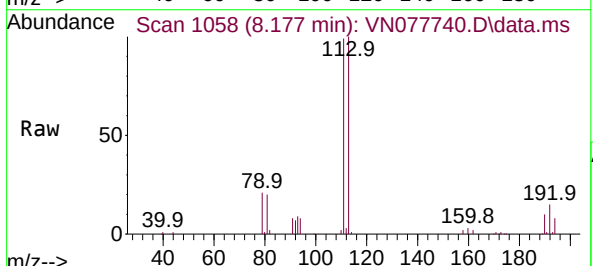
Tgt Ion:113 Resp: 207276

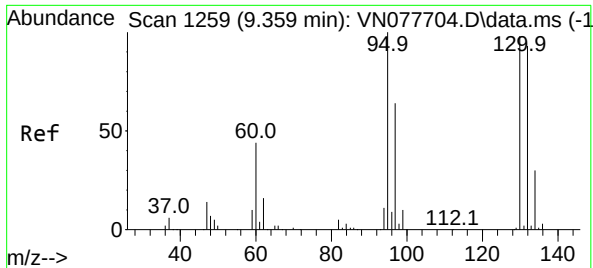
Ion Ratio Lower Upper

113 100

111 102.2 82.6 123.8

192 15.7 12.7 19.1

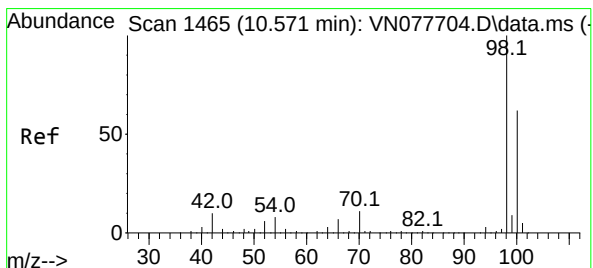
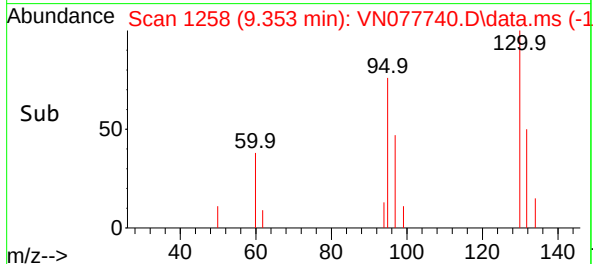
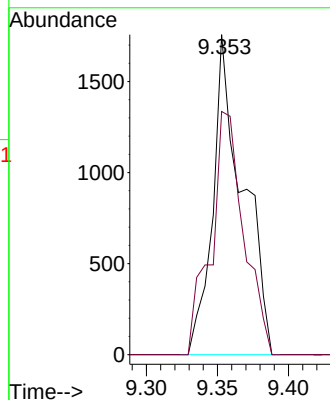
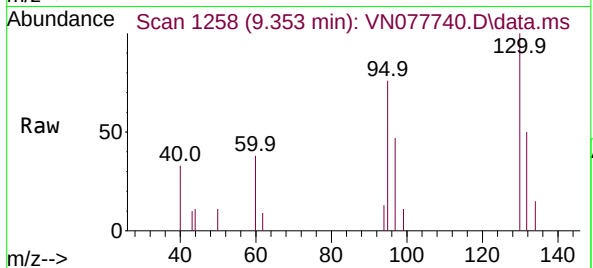




#44
Trichloroethene
Concen: 0.558 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077740.D
Acq: 18 May 2023 16:42

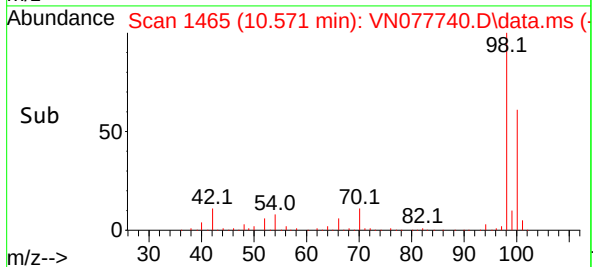
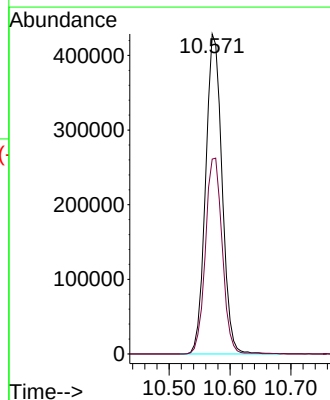
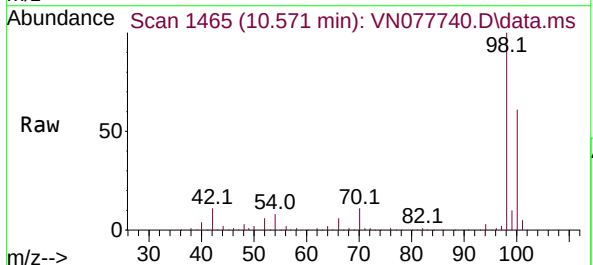
Instrument :
MSVOA_N
ClientSampleId :
DUP01-20230515

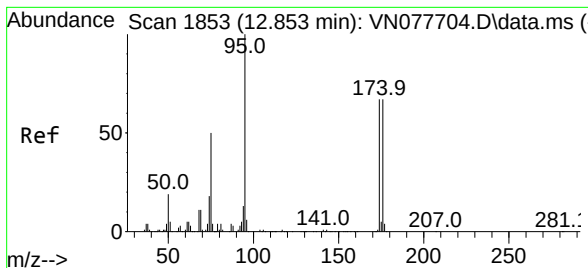
Tgt Ion:130 Resp: 2572
Ion Ratio Lower Upper
130 100
95 76.0 0.0 204.6



#50
Toluene-d8
Concen: 49.463 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077740.D
Acq: 18 May 2023 16:42

Tgt Ion: 98 Resp: 803636
Ion Ratio Lower Upper
98 100
100 62.6 52.0 78.0

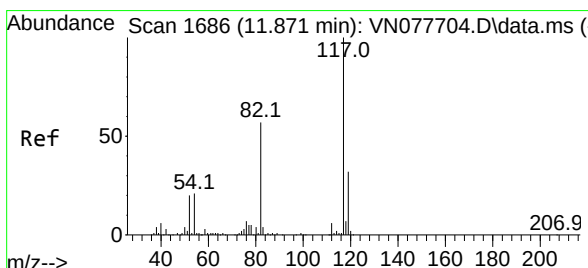
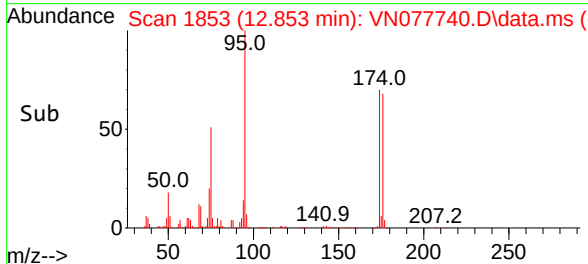
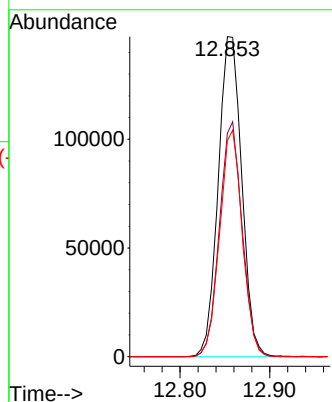
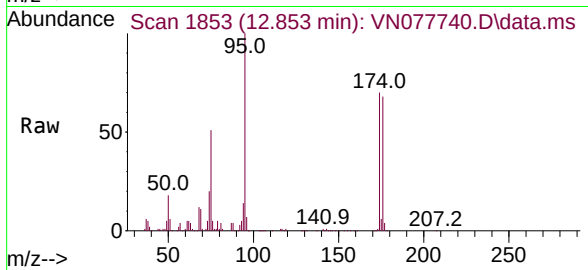




#62
4-Bromofluorobenzene
Concen: 46.681 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077740.D
Acq: 18 May 2023 16:42

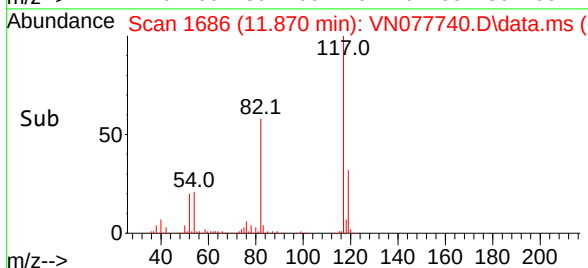
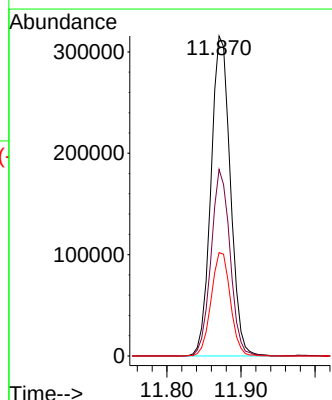
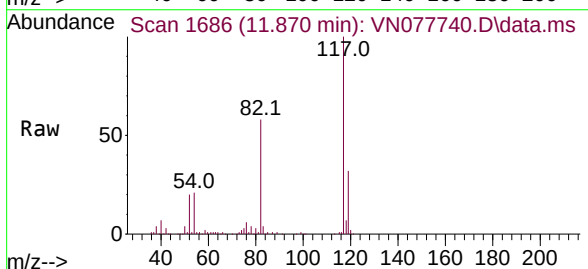
Instrument :
MSVOA_N
ClientSampleId :
DUP01-20230515

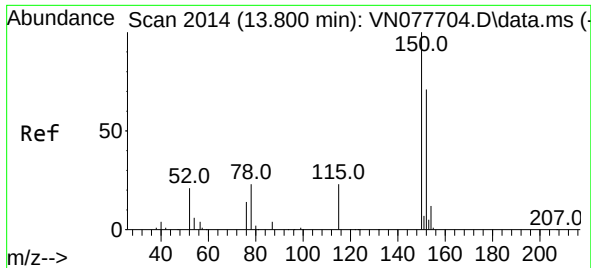
Tgt Ion: 95 Resp: 267864
Ion Ratio Lower Upper
95 100
174 70.9 0.0 143.8
176 68.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN077740.D
Acq: 18 May 2023 16:42

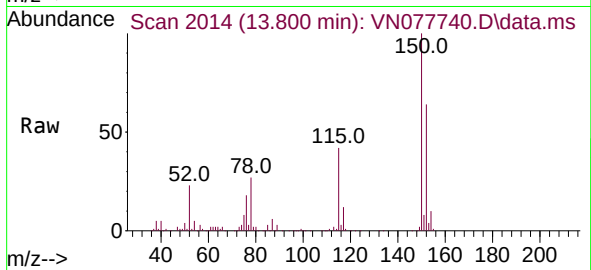
Tgt Ion: 117 Resp: 573619
Ion Ratio Lower Upper
117 100
82 58.3 44.0 66.0
119 32.3 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077740.D
 Acq: 18 May 2023 16:42

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP01-20230515



Tgt Ion:152 Resp: 214805
 Ion Ratio Lower Upper
 152 100
 115 62.4 32.3 96.8
 150 157.1 0.0 355.8

