

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012023\
 Data File : VN076347.D
 Acq On : 20 Jan 2023 14:49
 Operator : JC\MD
 Sample : 01233-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB01

Quant Time: Jan 20 22:16:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

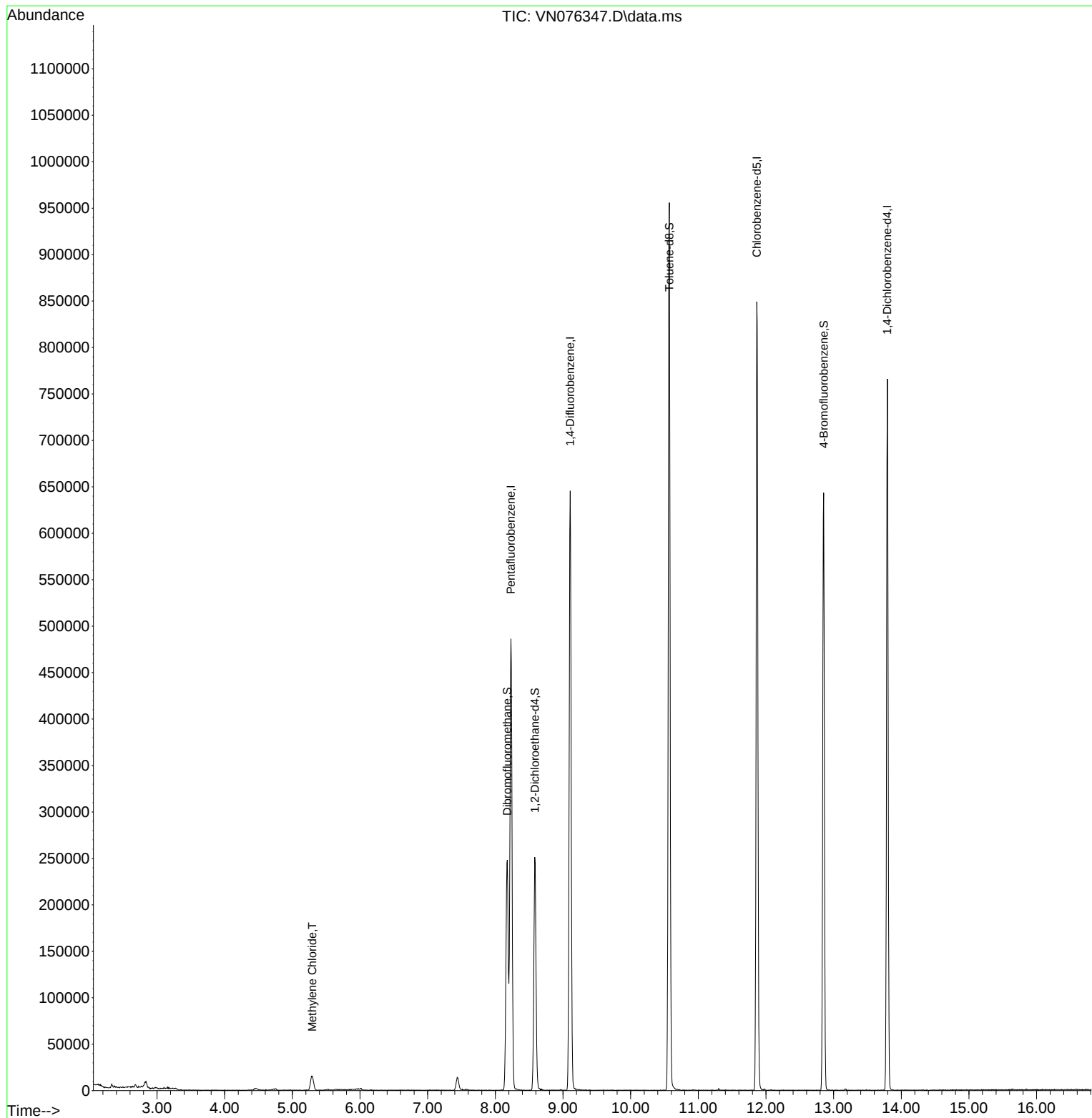
Internal Standards						
1) Pentafluorobenzene	8.230	168	370105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	595933	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	523917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	212240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	203331	49.066	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.140%
35) Dibromofluoromethane	8.177	113	179169	48.063	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.120%
50) Toluene-d8	10.571	98	682616	49.583	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.160%
62) 4-Bromofluorobenzene	12.853	95	215515	47.952	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.900%
Target Compounds						
					Qvalue	
20) Methylene Chloride	5.295	84	13253	2.803	ug/l	97

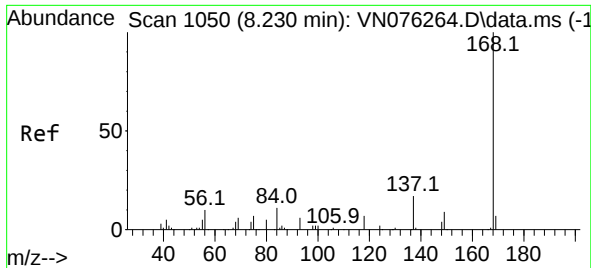
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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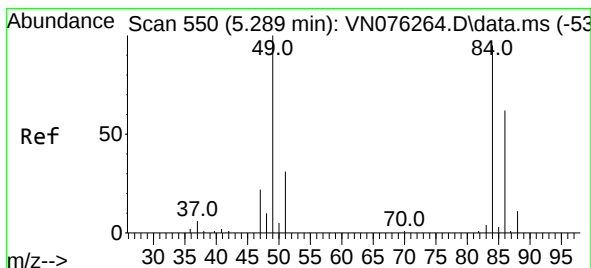
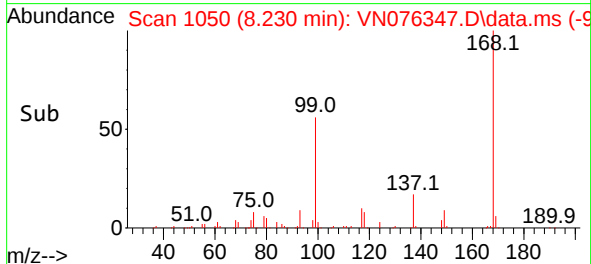
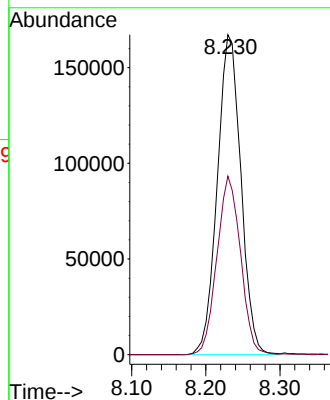
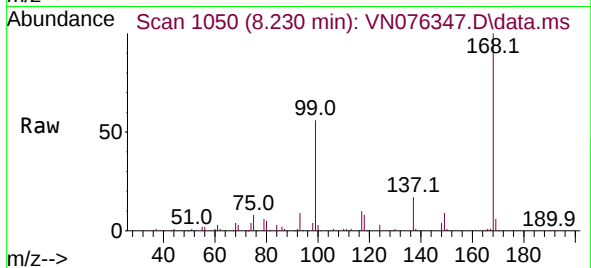




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076347.D
Acq: 20 Jan 2023 14:49

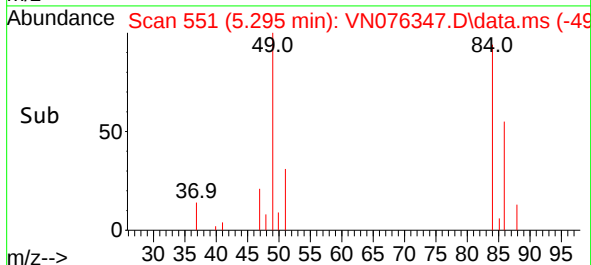
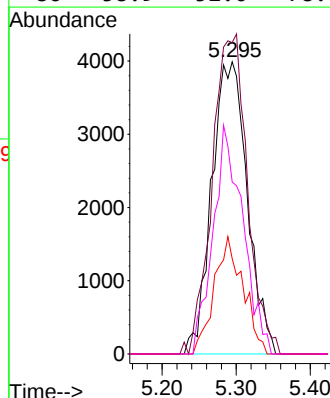
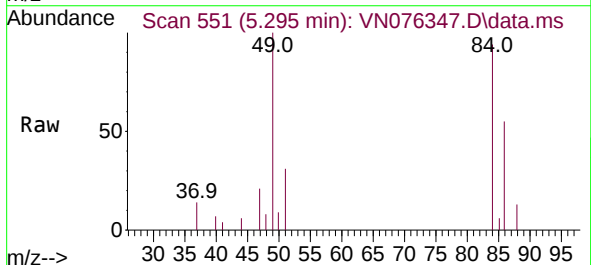
Instrument :
MSVOA_N
ClientSampleId :
FB01

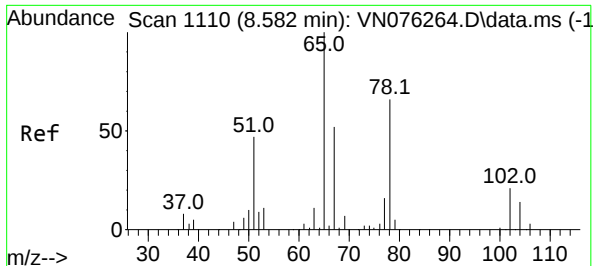
Tgt Ion:168 Resp: 370105
Ion Ratio Lower Upper
168 100
99 55.8 41.6 62.4



#20
Methylene Chloride
Concen: 2.803 ug/l
RT: 5.295 min Scan# 551
Delta R.T. 0.006 min
Lab File: VN076347.D
Acq: 20 Jan 2023 14:49

Tgt Ion: 84 Resp: 13253
Ion Ratio Lower Upper
84 100
49 106.6 84.5 126.7
51 32.7 26.0 39.0
86 58.9 52.0 78.0





#33

1,2-Dichloroethane-d4

Concen: 49.066 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.001 min

Lab File: VN076347.D

Acq: 20 Jan 2023 14:49

Instrument :

MSVOA_N

ClientSampleId :

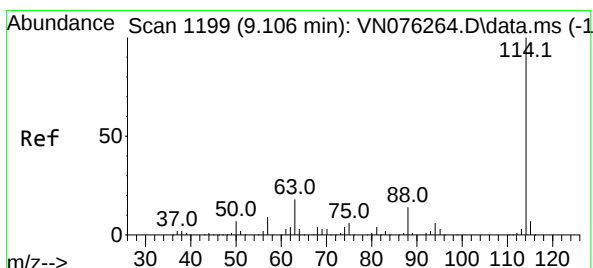
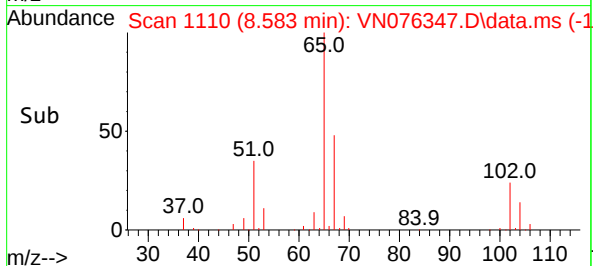
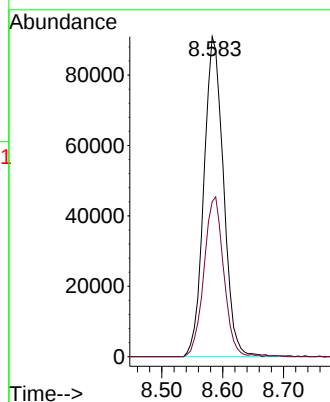
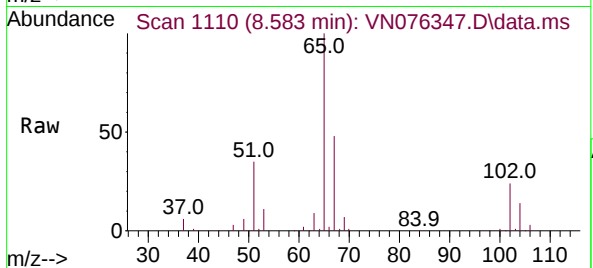
FB01

Tgt Ion: 65 Resp: 203331

Ion Ratio Lower Upper

65 100

67 50.1 0.0 104.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076347.D

Acq: 20 Jan 2023 14:49

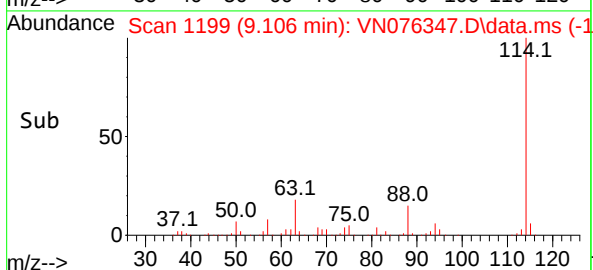
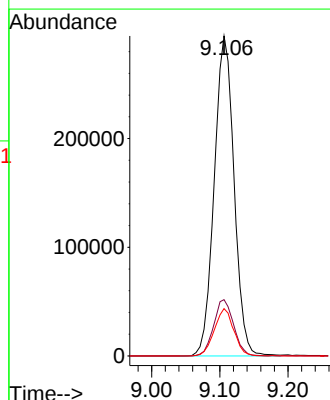
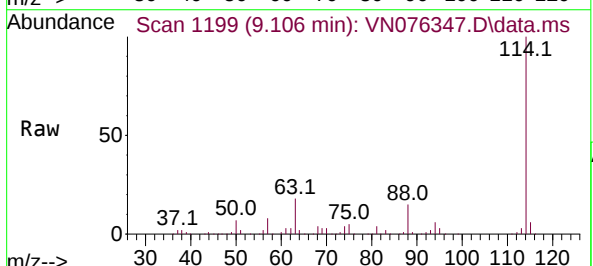
Tgt Ion: 114 Resp: 595933

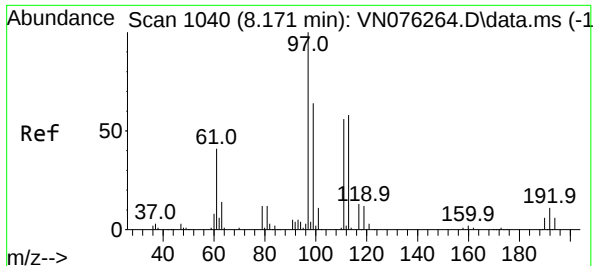
Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.8

88 14.8 0.0 28.0





#35

Dibromofluoromethane

Concen: 48.063 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN076347.D

Acq: 20 Jan 2023 14:49

Instrument :

MSVOA_N

ClientSampleId :

FB01

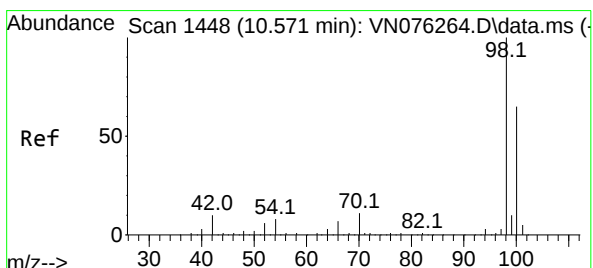
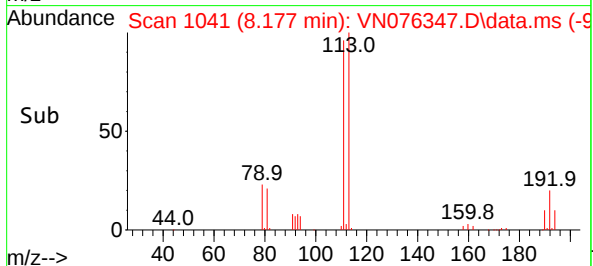
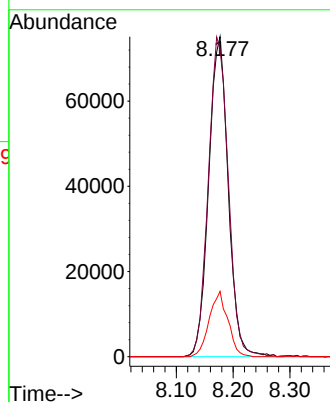
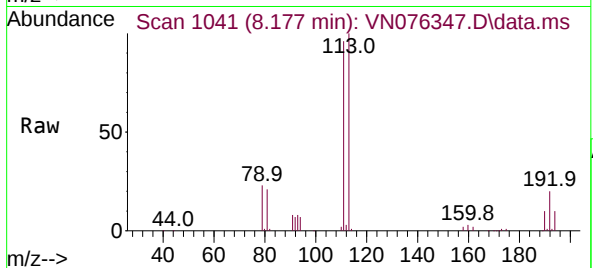
Tgt Ion:113 Resp: 179169

Ion Ratio Lower Upper

113 100

111 102.3 82.7 124.1

192 19.5 15.6 23.4



#50

Toluene-d8

Concen: 49.583 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076347.D

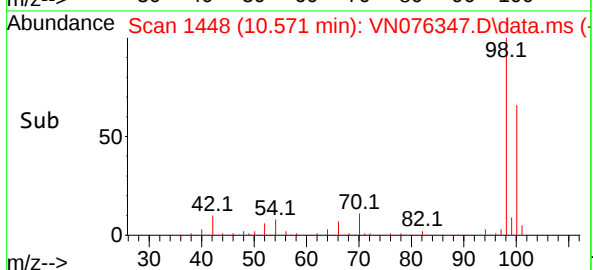
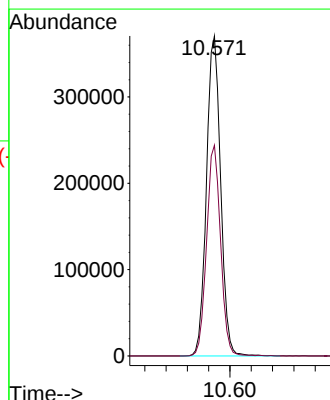
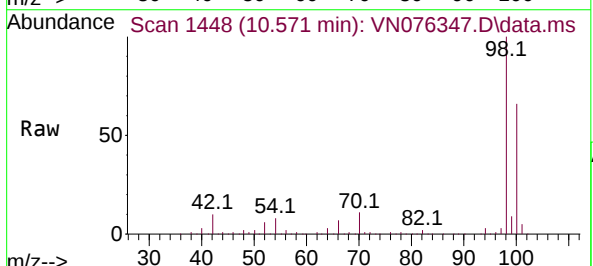
Acq: 20 Jan 2023 14:49

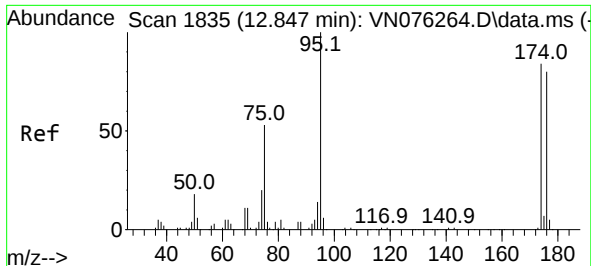
Tgt Ion: 98 Resp: 682616

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.4

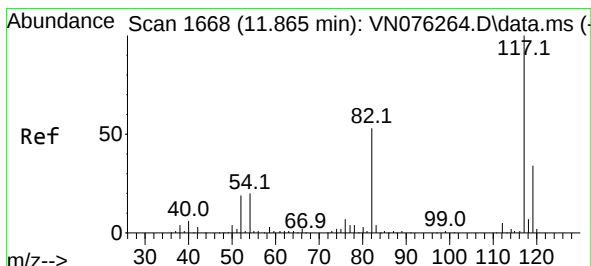
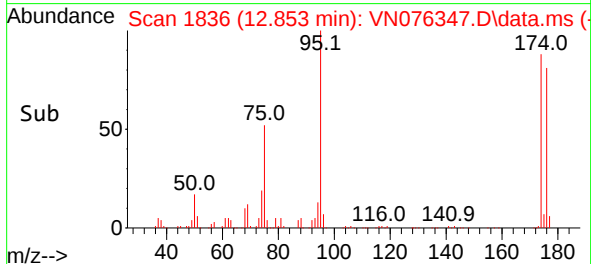
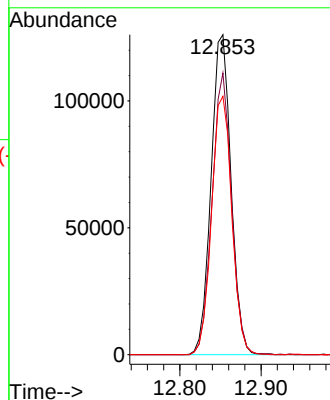
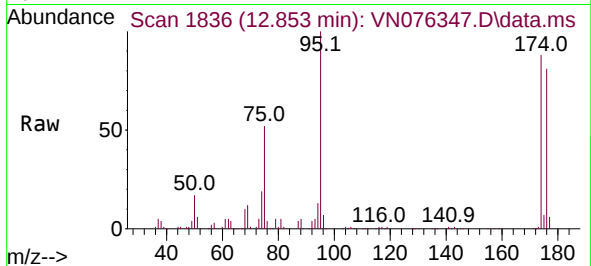




#62
4-Bromofluorobenzene
Concen: 47.952 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076347.D
Acq: 20 Jan 2023 14:49

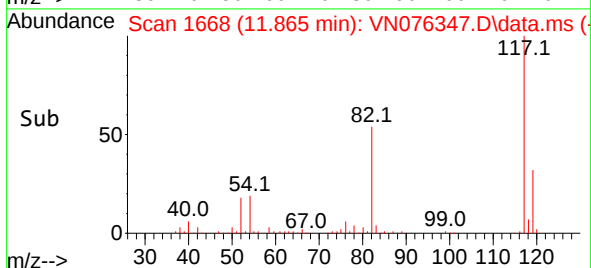
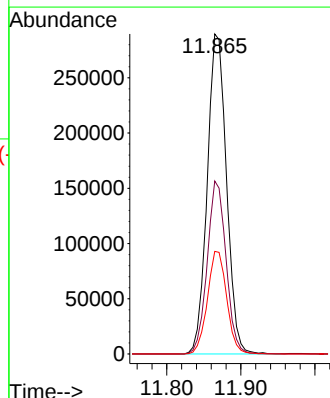
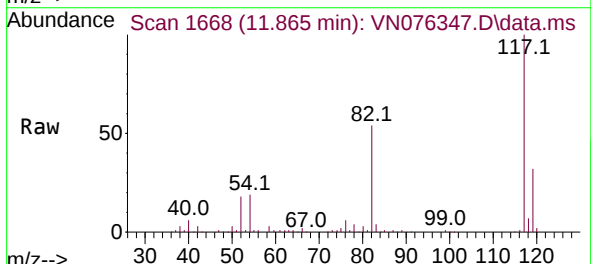
Instrument :
MSVOA_N
ClientSampleId :
FB01

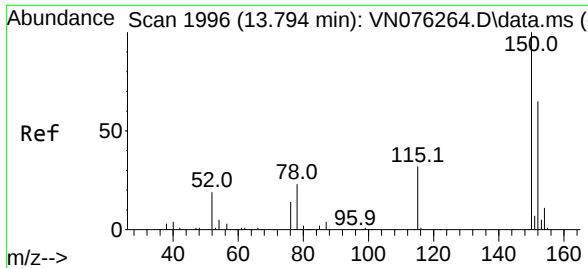
Tgt Ion: 95 Resp: 215515
Ion Ratio Lower Upper
95 100
174 85.7 0.0 174.6
176 82.0 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN076347.D
Acq: 20 Jan 2023 14:49

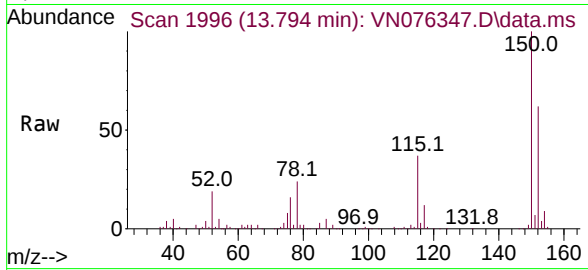
Tgt Ion: 117 Resp: 523917
Ion Ratio Lower Upper
117 100
82 54.1 42.2 63.2
119 32.1 26.9 40.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN076347.D
 Acq: 20 Jan 2023 14:49

Instrument :
 MSVOA_N
 ClientSampleId :
 FB01



Tgt Ion:	152	Resp:	212240
Ion	Ratio	Lower	Upper
152	100		
115	59.3	29.6	88.9
150	157.9	0.0	351.4

