

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010523\
 Data File : VN076118.D
 Acq On : 05 Jan 2023 18:04
 Operator : JC\MD
 Sample : 01046-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-SAMPLE-API-3

Quant Time: Jan 05 23:51:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

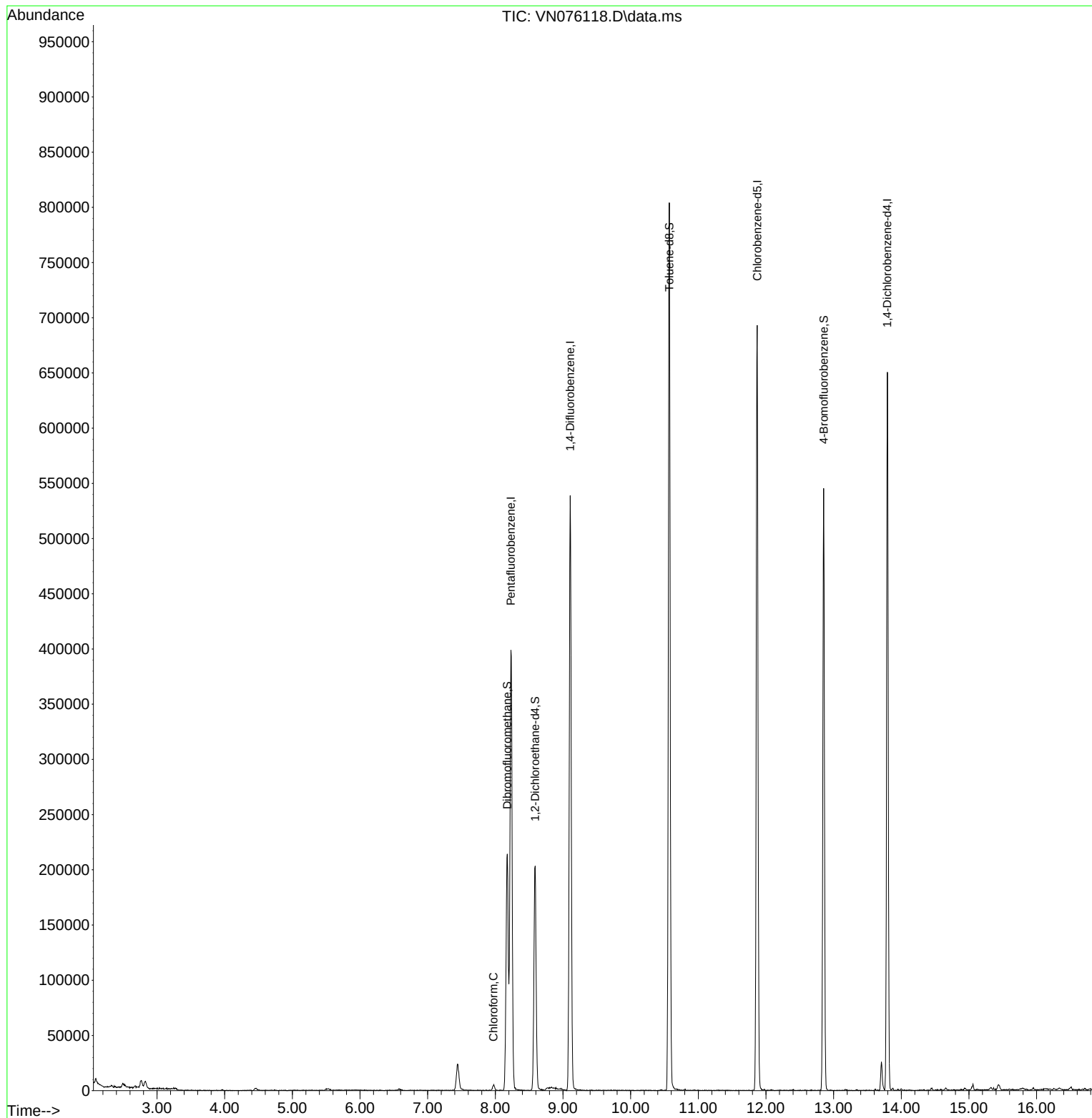
Internal Standards						
1) Pentafluorobenzene	8.229	168	309845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	496316	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	428835	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	183114	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	164930	48.929	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.860%
35) Dibromofluoromethane	8.177	113	151640	49.336	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.680%
50) Toluene-d8	10.570	98	566576	49.302	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.600%
62) 4-Bromofluorobenzene	12.853	95	178040	46.776	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.560%
Target Compounds						
					Qvalue	
30) Chloroform	7.971	83	4952	0.846	ug/l	95

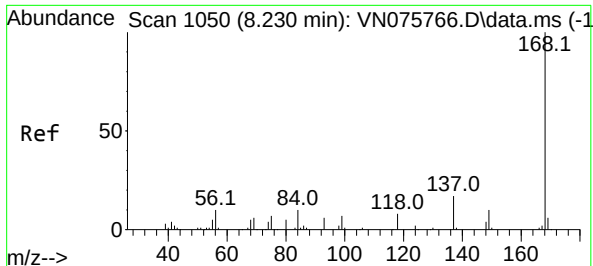
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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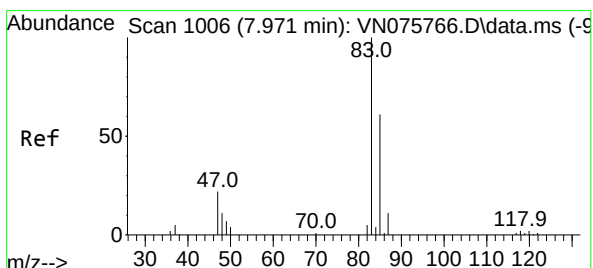
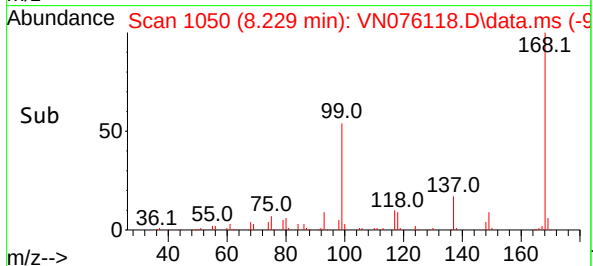
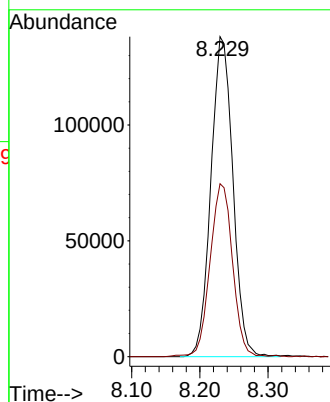
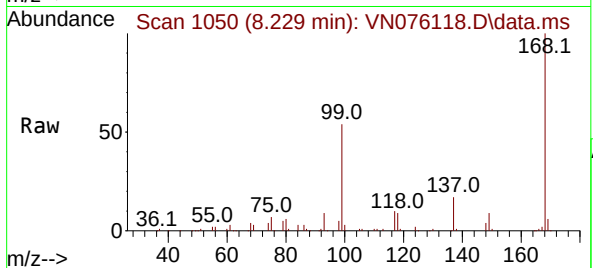




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN076118.D
Acq: 05 Jan 2023 18:04

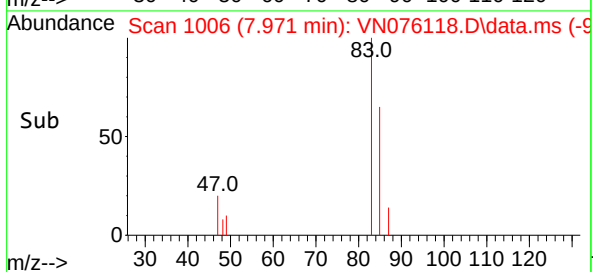
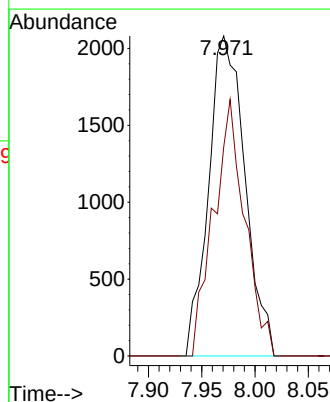
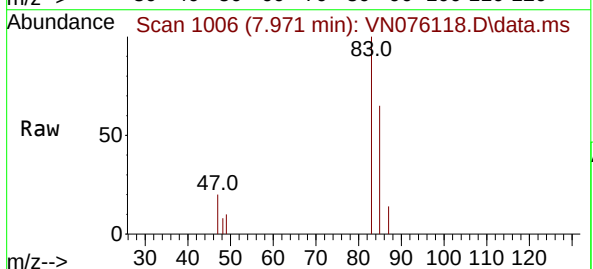
Instrument :
MSVOA_N
ClientSampleId :
COMP-SAMPLE-API-3

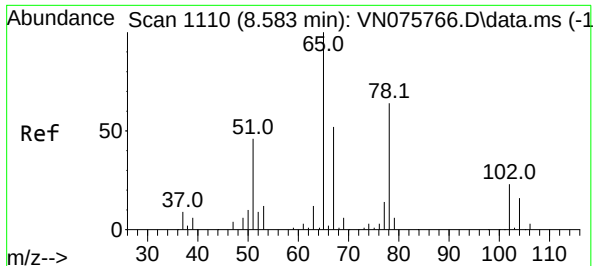
Tgt Ion:168 Resp: 309845
Ion Ratio Lower Upper
168 100
99 53.9 44.2 66.4



#30
Chloroform
Concen: 0.846 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN076118.D
Acq: 05 Jan 2023 18:04

Tgt Ion: 83 Resp: 4952
Ion Ratio Lower Upper
83 100
85 65.3 49.1 73.7





#33

1,2-Dichloroethane-d4

Concen: 48.929 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN076118.D

Acq: 05 Jan 2023 18:04

Instrument :

MSVOA_N

ClientSampleId :

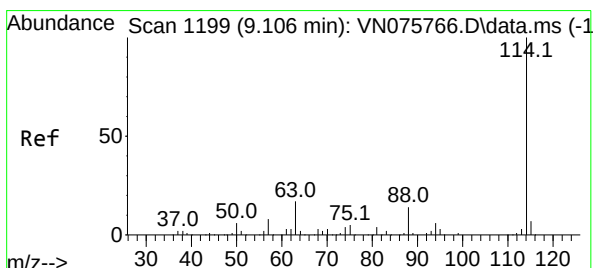
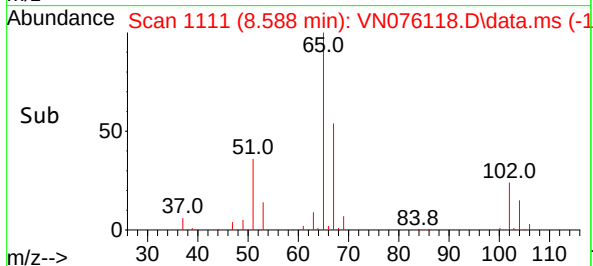
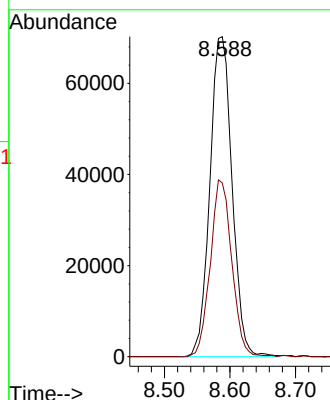
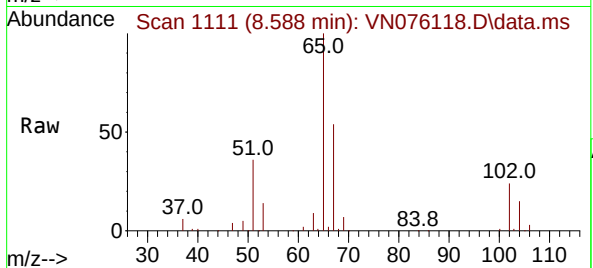
COMP-SAMPLE-API-3

Tgt Ion: 65 Resp: 164930

Ion Ratio Lower Upper

65 100

67 53.4 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076118.D

Acq: 05 Jan 2023 18:04

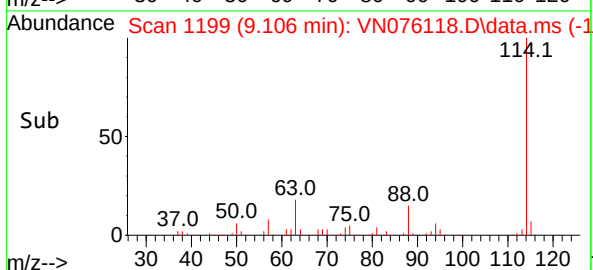
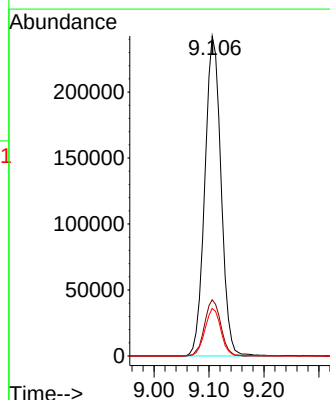
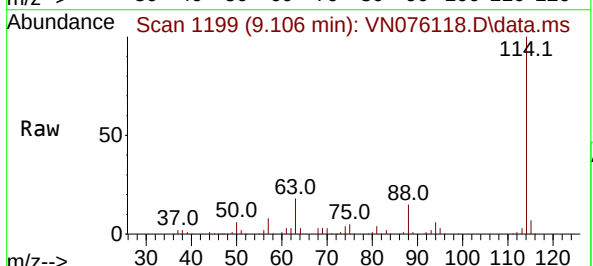
Tgt Ion: 114 Resp: 496316

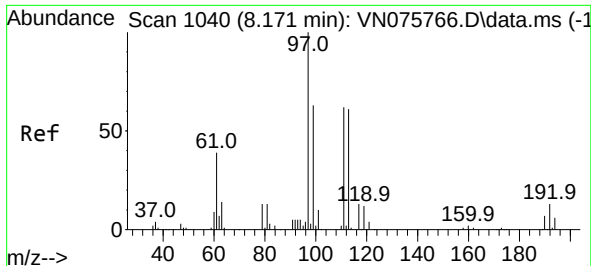
Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.4

88 14.8 0.0 28.8





#35

Dibromofluoromethane

Concen: 49.336 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN076118.D

Acq: 05 Jan 2023 18:04

Instrument :

MSVOA_N

ClientSampleId :

COMP-SAMPLE-API-3

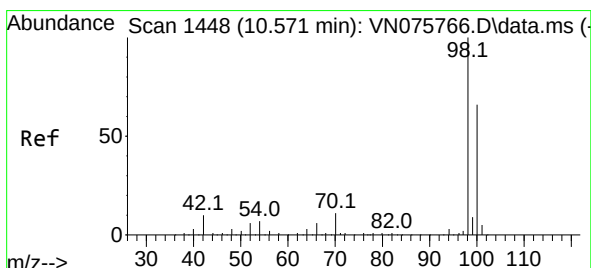
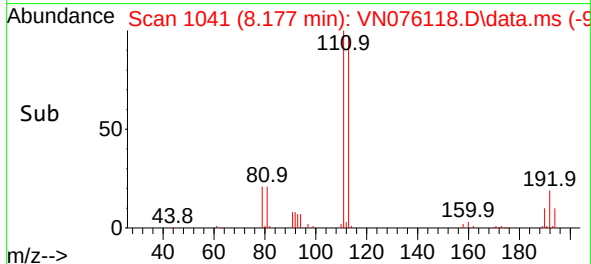
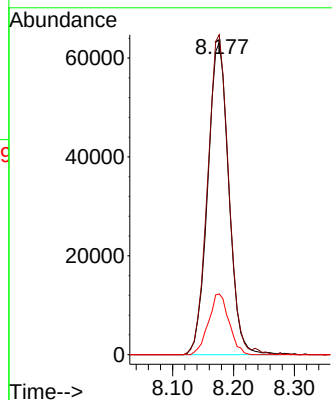
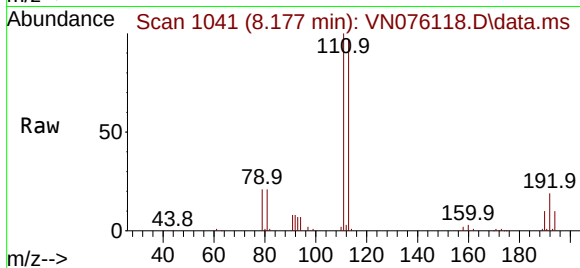
Tgt Ion:113 Resp: 151640

Ion Ratio Lower Upper

113 100

111 102.6 83.4 125.2

192 19.0 16.1 24.1



#50

Toluene-d8

Concen: 49.302 ug/l

RT: 10.570 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076118.D

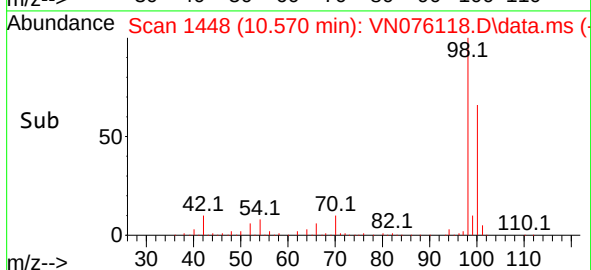
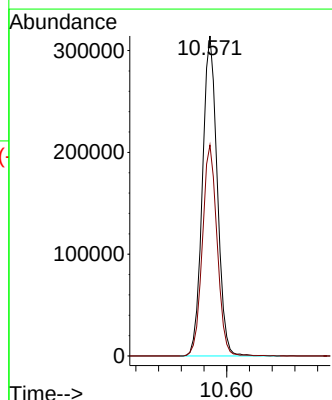
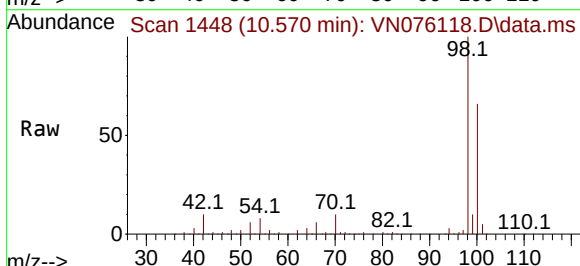
Acq: 05 Jan 2023 18:04

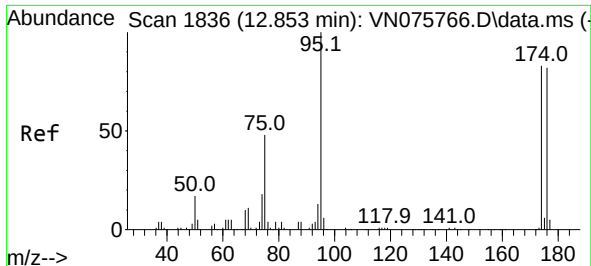
Tgt Ion: 98 Resp: 566576

Ion Ratio Lower Upper

98 100

100 65.6 52.1 78.1

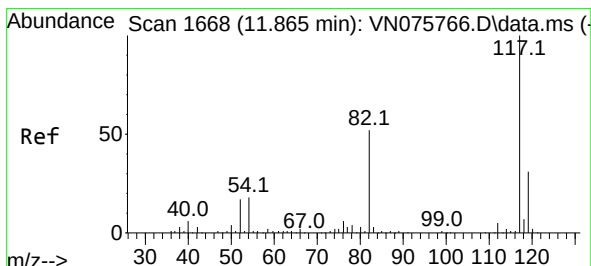
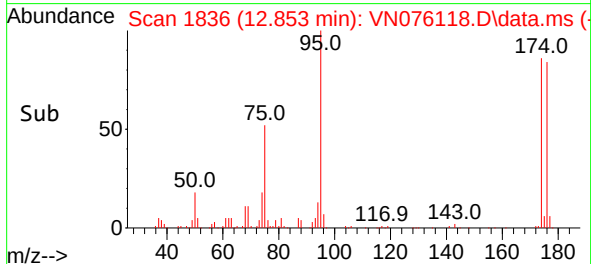
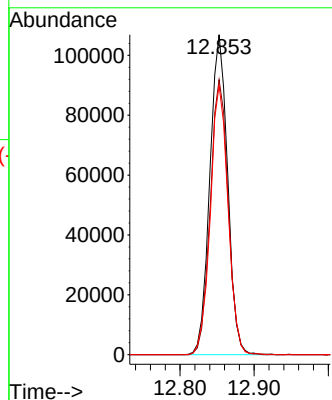
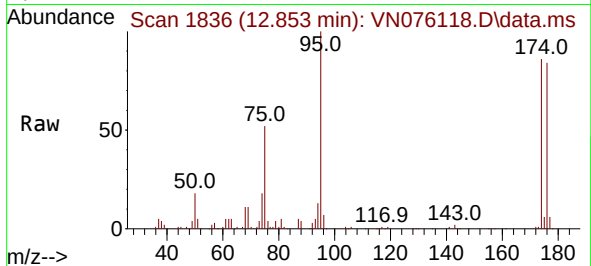




#62
4-Bromofluorobenzene
Concen: 46.776 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076118.D
Acq: 05 Jan 2023 18:04

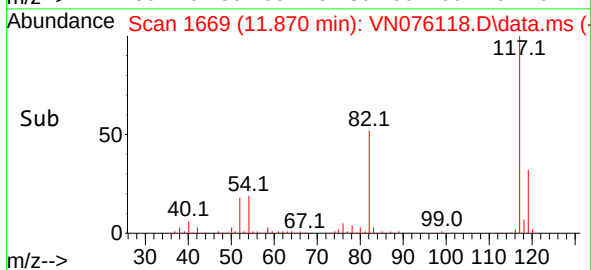
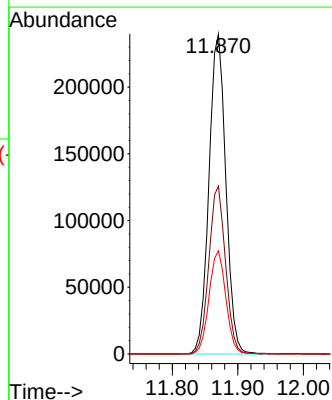
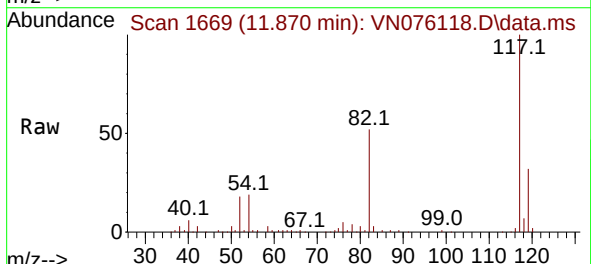
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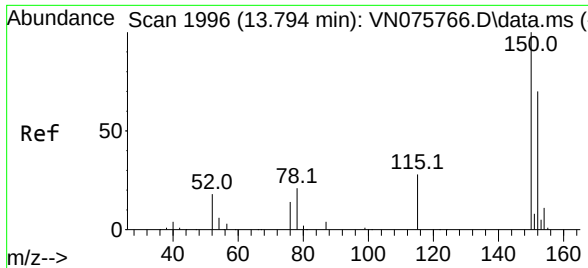
Tgt Ion: 95 Resp: 178040
Ion Ratio Lower Upper
95 100
174 86.6 0.0 171.6
176 83.7 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076118.D
Acq: 05 Jan 2023 18:04

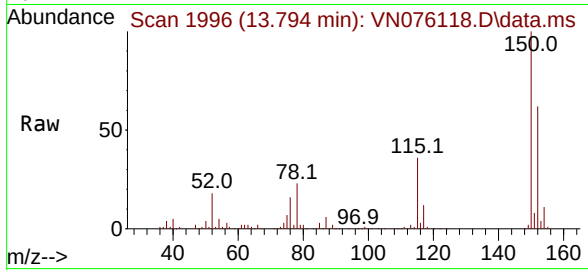
Tgt Ion: 117 Resp: 428835
Ion Ratio Lower Upper
117 100
82 52.4 41.3 61.9
119 32.3 24.6 37.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN076118.D
 Acq: 05 Jan 2023 18:04

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-SAMPLE-API-3



Tgt Ion:152 Resp: 183114
 Ion Ratio Lower Upper
 152 100
 115 57.3 29.1 87.4
 150 157.3 0.0 347.0

