

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010523\
 Data File : VN076109.D
 Acq On : 05 Jan 2023 14:27
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jan 05 23:49:05 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)

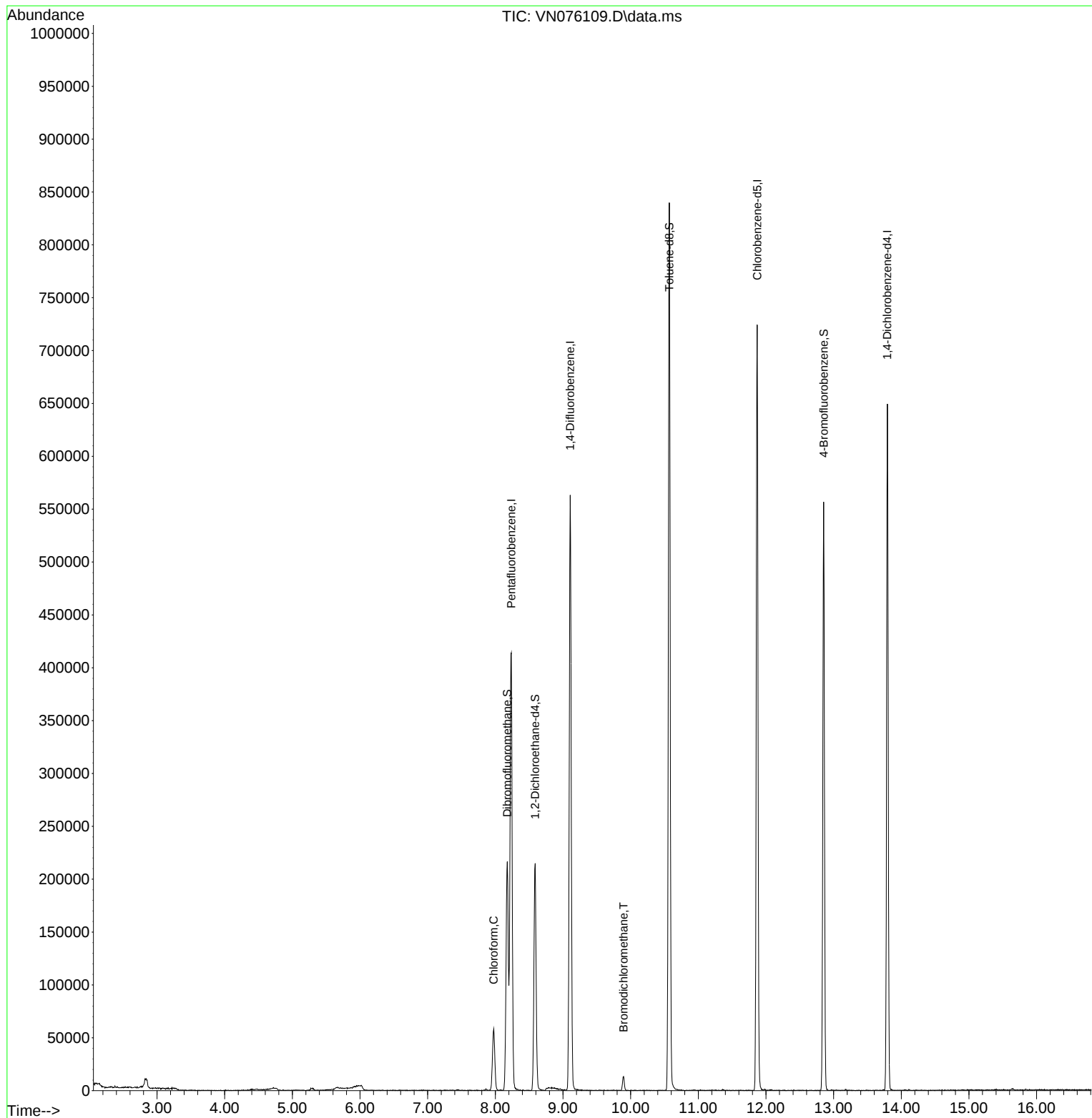
Internal Standards						
1) Pentafluorobenzene	8.235	168	326096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	518157	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	448831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	185788	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	175132	49.366	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.740%
35) Dibromofluoromethane	8.177	113	157632	49.124	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.240%
50) Toluene-d8	10.571	98	594315	49.536	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.080%
62) 4-Bromofluorobenzene	12.853	95	182917	46.031	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.060%
Target Compounds						
					Qvalue	
30) Chloroform	7.977	83	57249	9.289	ug/l	99
47) Bromodichloromethane	9.894	83	9891	2.125	ug/l #	98

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

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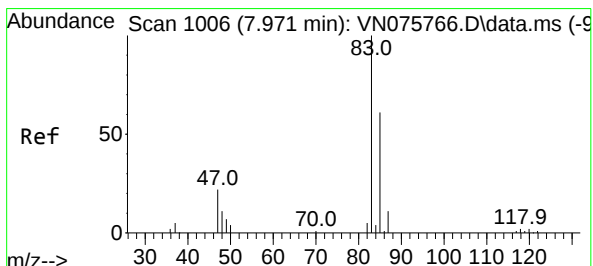
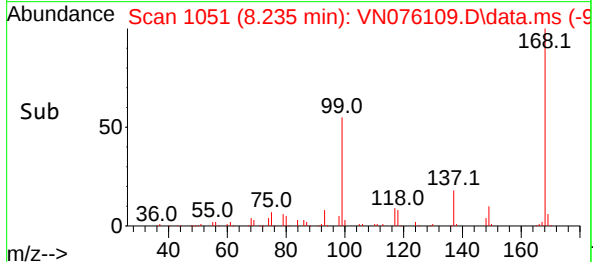
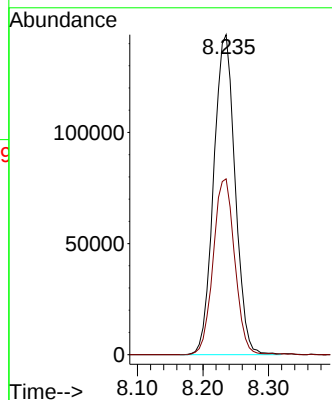
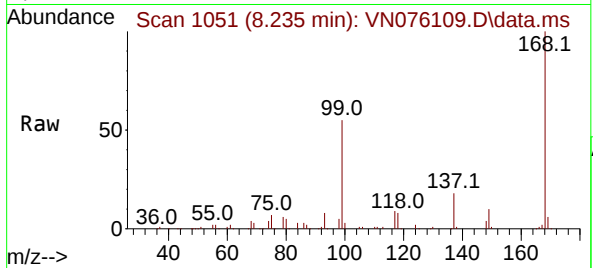




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1050
Delta R.T. 0.005 min
Lab File: VN076109.D
Acq: 05 Jan 2023 14:27

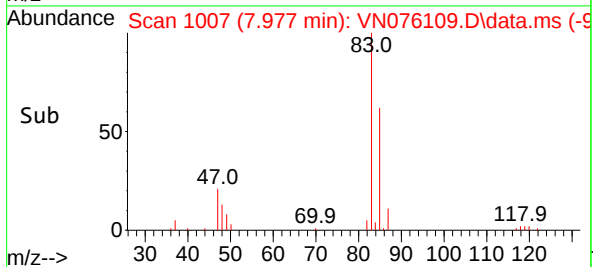
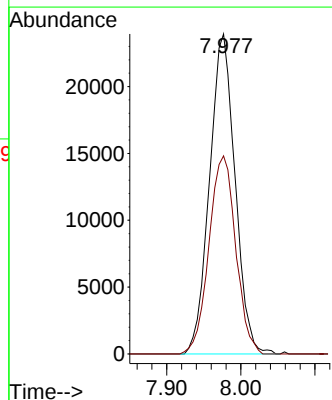
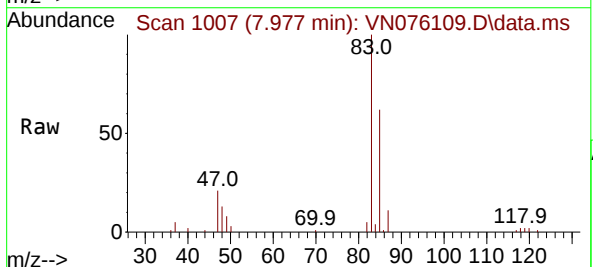
Instrument :
MSVOA_N
ClientSampleId :
IBLK

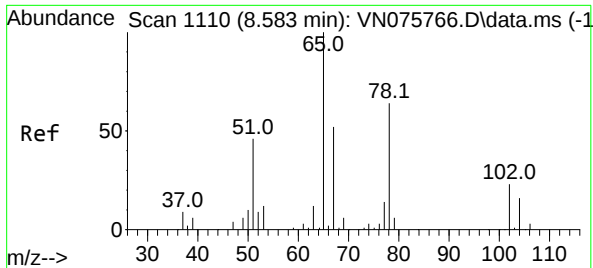
Tgt Ion:168 Resp: 326096
Ion Ratio Lower Upper
168 100
99 54.9 44.2 66.4



#30
Chloroform
Concen: 9.289 ug/l
RT: 7.977 min Scan# 1007
Delta R.T. 0.006 min
Lab File: VN076109.D
Acq: 05 Jan 2023 14:27

Tgt Ion: 83 Resp: 57249
Ion Ratio Lower Upper
83 100
85 61.9 49.1 73.7





#33

1,2-Dichloroethane-d4

Concen: 49.366 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN076109.D

Acq: 05 Jan 2023 14:27

Instrument :

MSVOA_N

ClientSampleId :

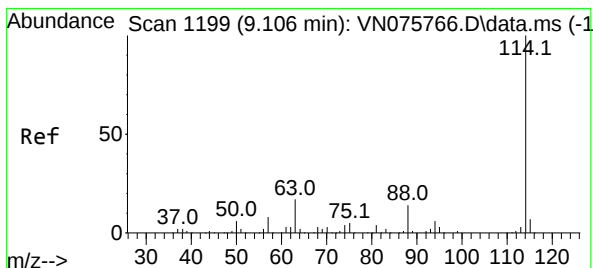
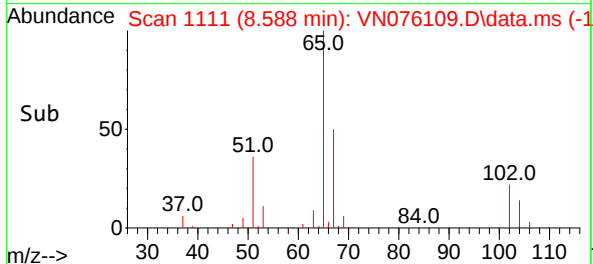
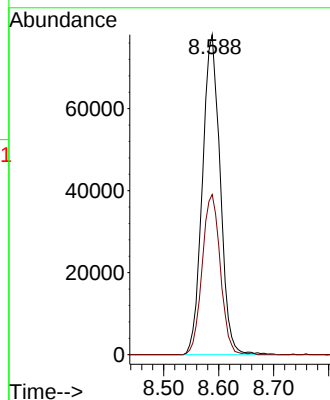
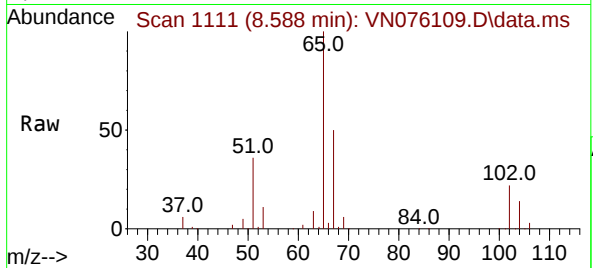
IBLK

Tgt Ion: 65 Resp: 175132

Ion Ratio Lower Upper

65 100

67 51.1 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: VN076109.D

Acq: 05 Jan 2023 14:27

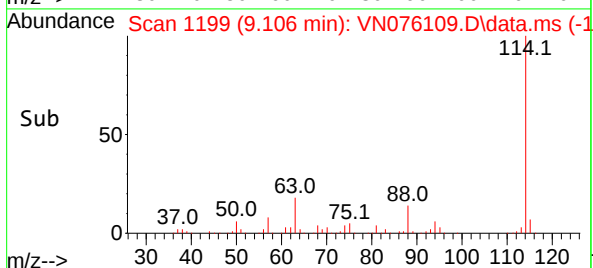
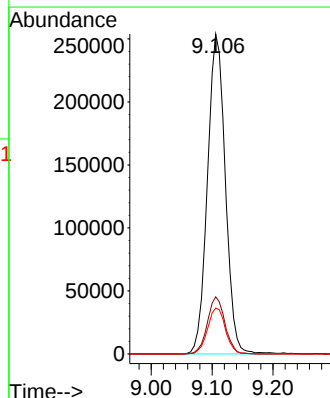
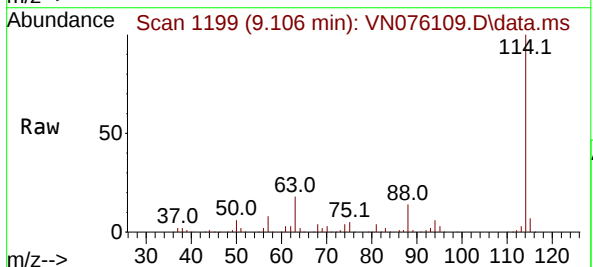
Tgt Ion: 114 Resp: 518157

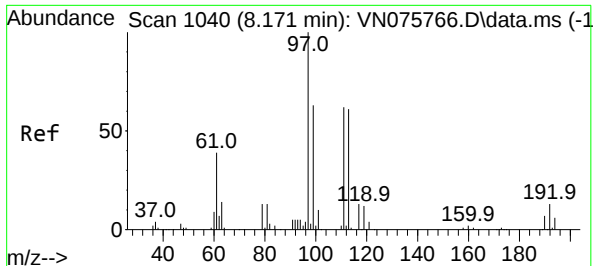
Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.4

88 14.4 0.0 28.8





#35

Dibromofluoromethane

Concen: 49.124 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076109.D

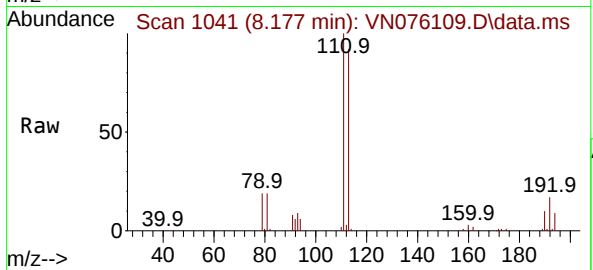
Acq: 05 Jan 2023 14:27

Instrument :

MSVOA_N

ClientSampleId :

IBLK



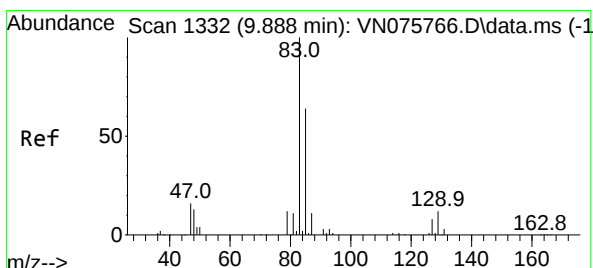
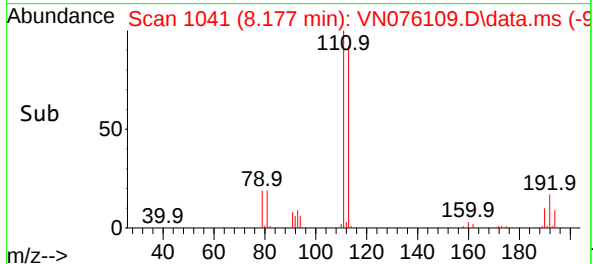
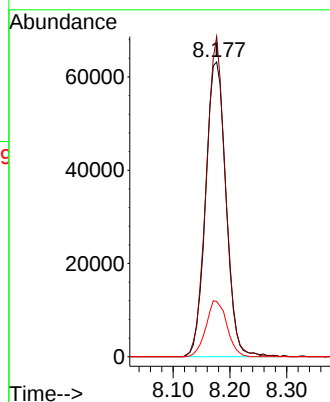
Tgt Ion:113 Resp: 157632

Ion Ratio Lower Upper

113 100

111 102.3 83.4 125.2

192 19.4 16.1 24.1



#47

Bromodichloromethane

Concen: 2.125 ug/l

RT: 9.894 min Scan# 1333

Delta R.T. 0.006 min

Lab File: VN076109.D

Acq: 05 Jan 2023 14:27

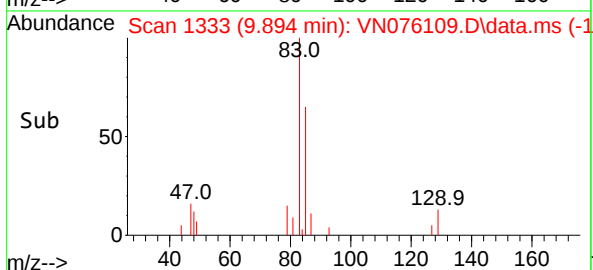
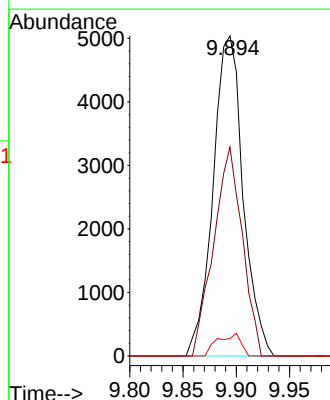
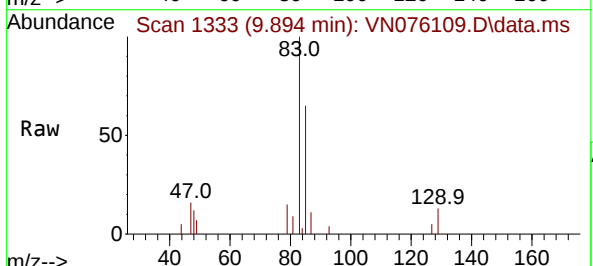
Tgt Ion: 83 Resp: 9891

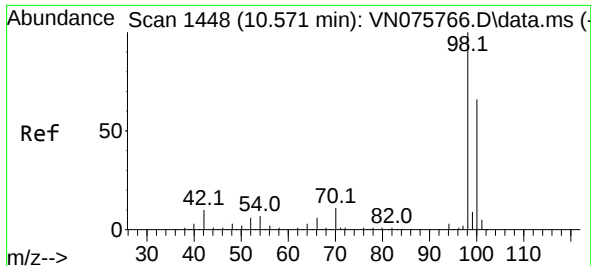
Ion Ratio Lower Upper

83 100

85 65.3 51.5 77.3

127 5.5 6.6 10.0#

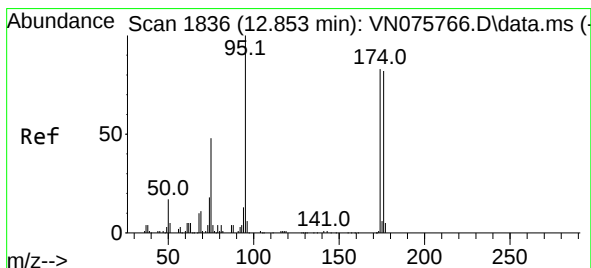
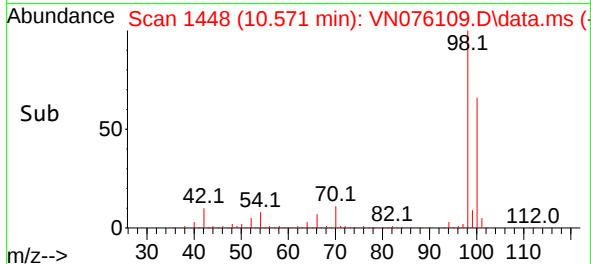
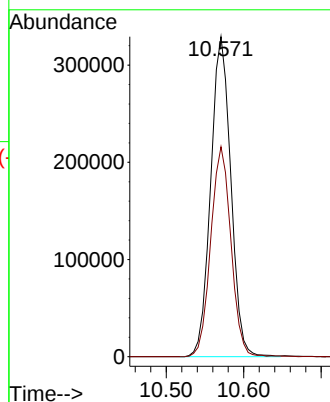
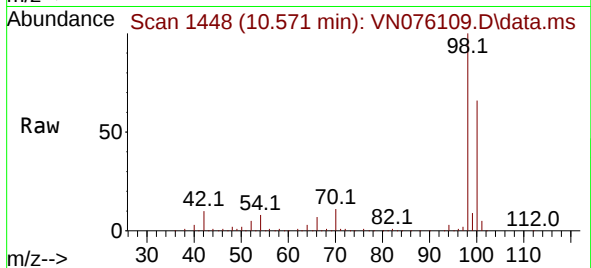




#50
Toluene-d8
Concen: 49.536 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076109.D
Acq: 05 Jan 2023 14:27

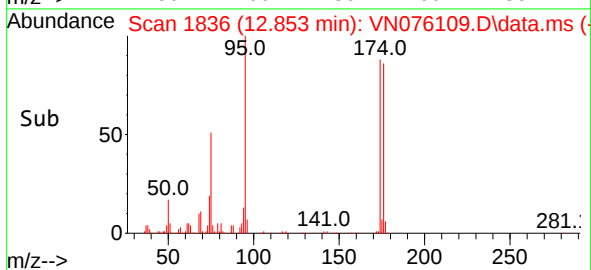
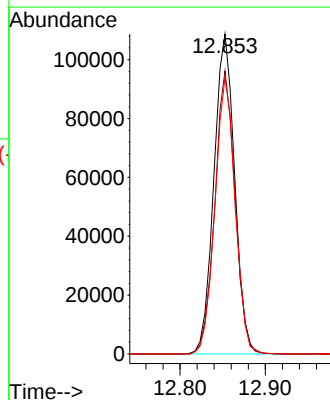
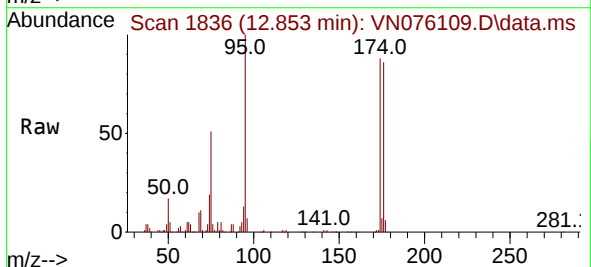
Instrument :
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ClientSampleId :
IBLK

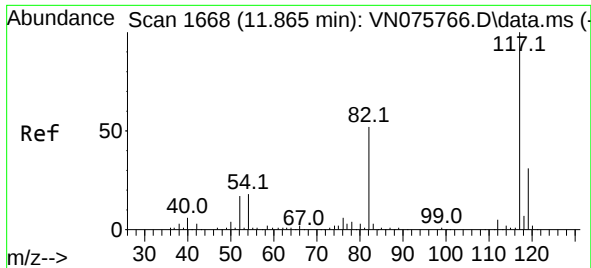
Tgt Ion: 98 Resp: 594315
Ion Ratio Lower Upper
98 100
100 65.9 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.031 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076109.D
Acq: 05 Jan 2023 14:27

Tgt Ion: 95 Resp: 182917
Ion Ratio Lower Upper
95 100
174 87.0 0.0 171.6
176 84.3 0.0 169.2

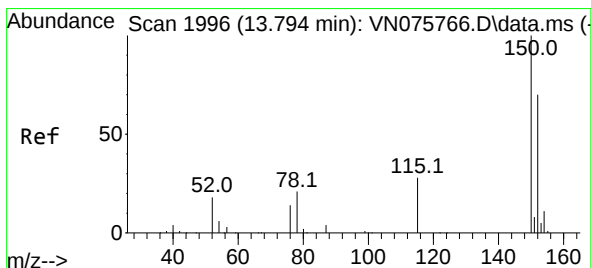
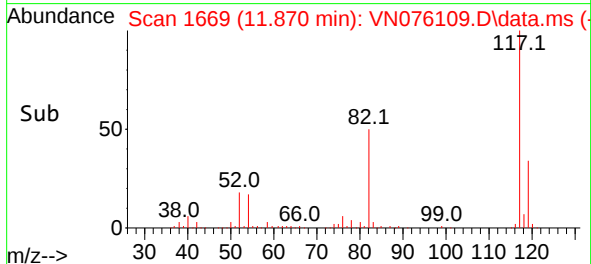
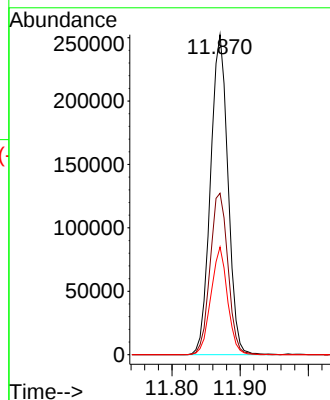
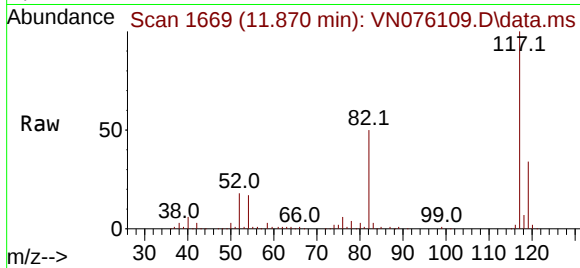




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076109.D
Acq: 05 Jan 2023 14:27

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 448831
Ion Ratio Lower Upper
117 100
82 50.5 41.3 61.9
119 33.6 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: VN076109.D
Acq: 05 Jan 2023 14:27

Tgt Ion:152 Resp: 185788
Ion Ratio Lower Upper
152 100
115 56.0 29.1 87.4
150 155.0 0.0 347.0

