

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011923\
 Data File : VN076325.D
 Acq On : 19 Jan 2023 16:07
 Operator : JC\MD
 Sample : 01214-17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Jan 20 00:58:07 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)

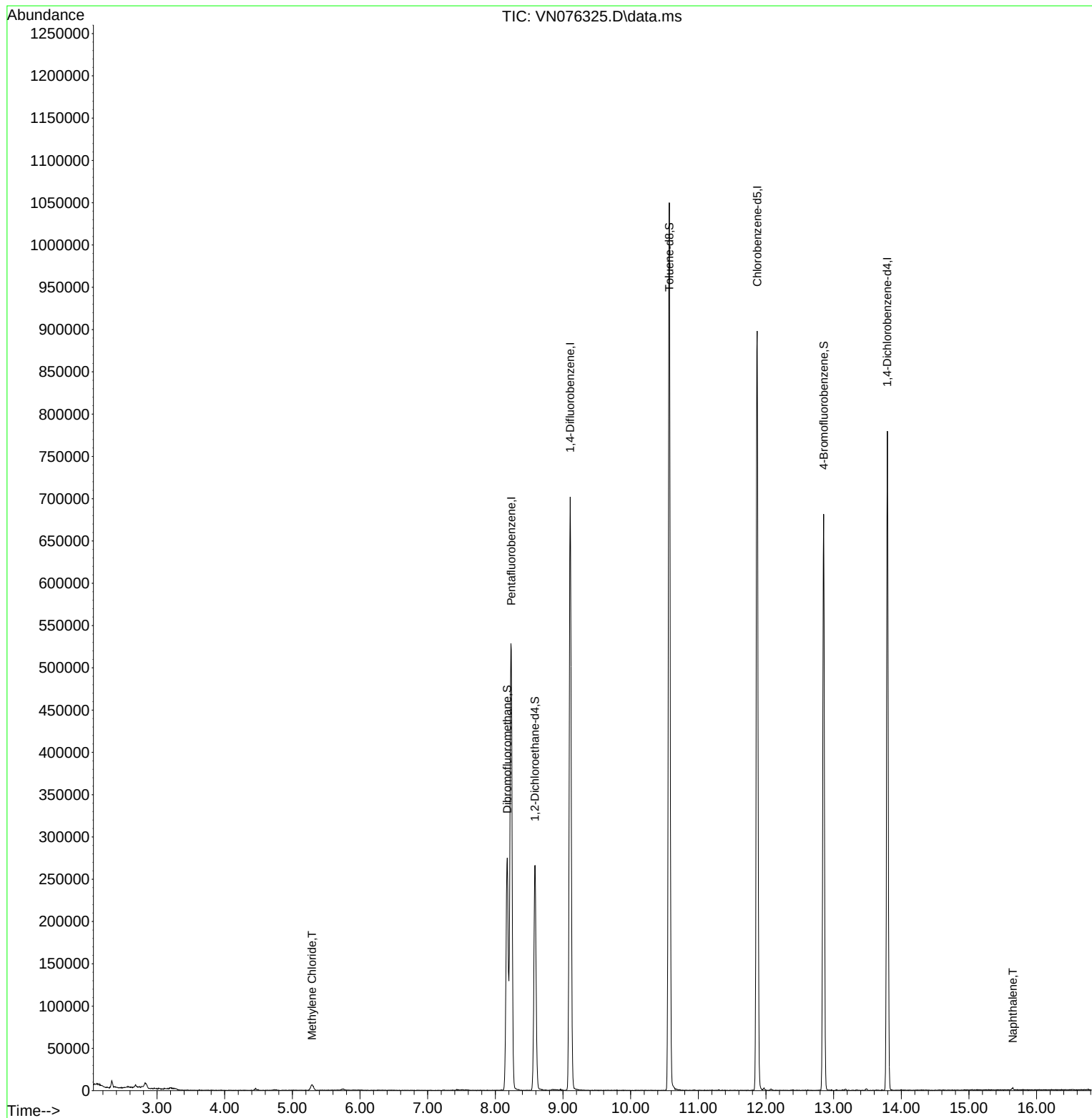
Internal Standards						
1) Pentafluorobenzene	8.235	168	417142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	654116	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	557254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	215631	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	215505	46.140	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.280%
35) Dibromofluoromethane	8.177	113	195305	47.731	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.460%
50) Toluene-d8	10.571	98	744887	49.293	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.580%
62) 4-Bromofluorobenzene	12.853	95	230202	46.664	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.320%
Target Compounds						
					Qvalue	
20) Methylene Chloride	5.289	84	5711	0.695	ug/l #	93
95) Naphthalene	15.647	128	2850	2.084	ug/l #	86

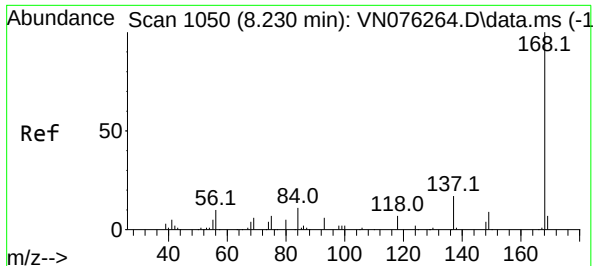
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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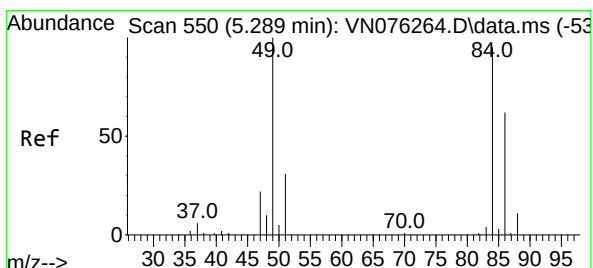
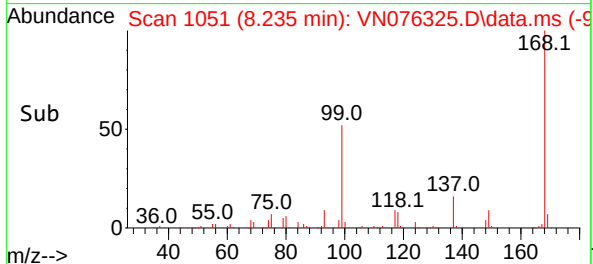
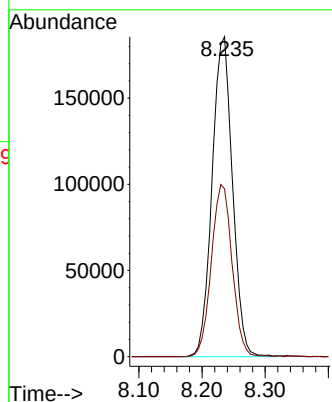
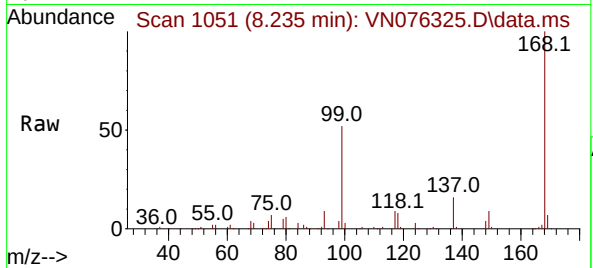




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1050
Delta R.T. 0.005 min
Lab File: VN076325.D
Acq: 19 Jan 2023 16:07

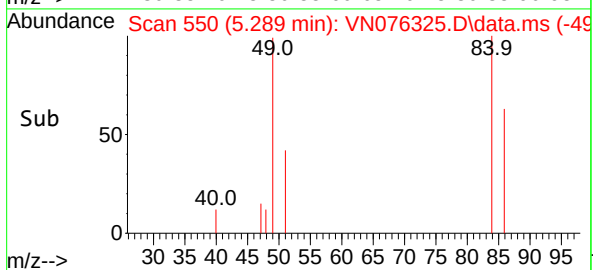
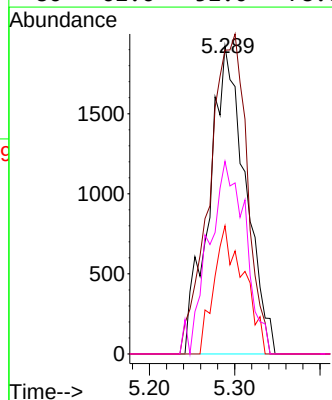
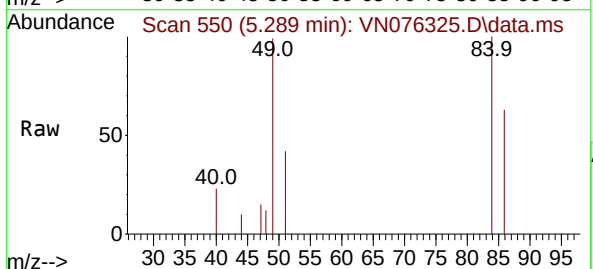
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

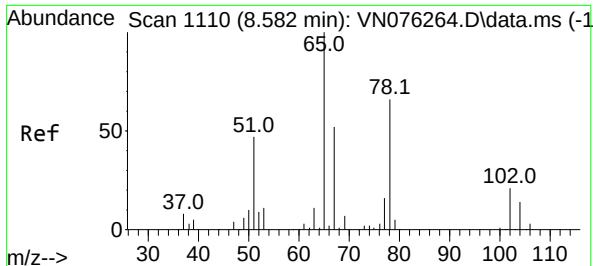
Tgt Ion:168 Resp: 417142
Ion Ratio Lower Upper
168 100
99 52.4 41.6 62.4



#20
Methylene Chloride
Concen: 0.695 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076325.D
Acq: 19 Jan 2023 16:07

Tgt Ion: 84 Resp: 5711
Ion Ratio Lower Upper
84 100
49 98.7 84.5 126.7
51 41.6 26.0 39.0#
86 62.6 52.0 78.0





#33

1,2-Dichloroethane-d4

Concen: 46.140 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076325.D

Acq: 19 Jan 2023 16:07

Instrument :

MSVOA_N

ClientSampleId :

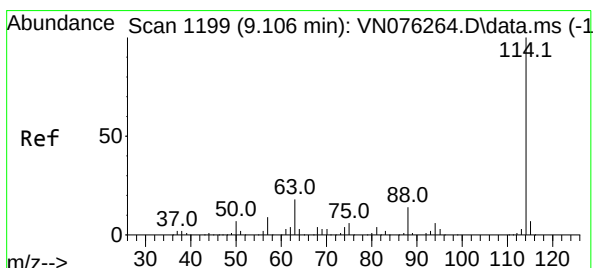
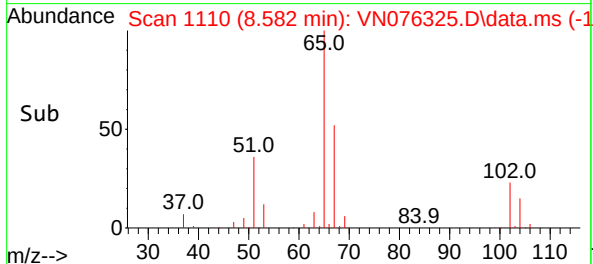
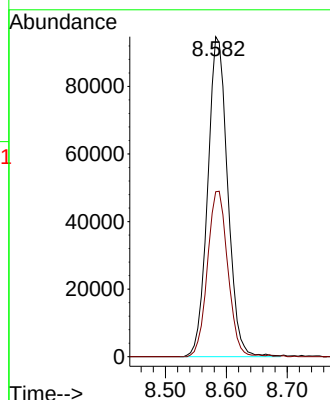
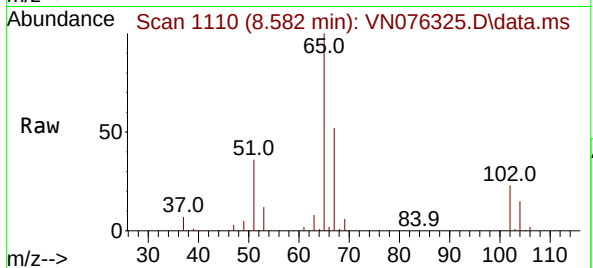
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Tgt Ion: 65 Resp: 215505

Ion Ratio Lower Upper

65 100

67 52.8 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: VN076325.D

Acq: 19 Jan 2023 16:07

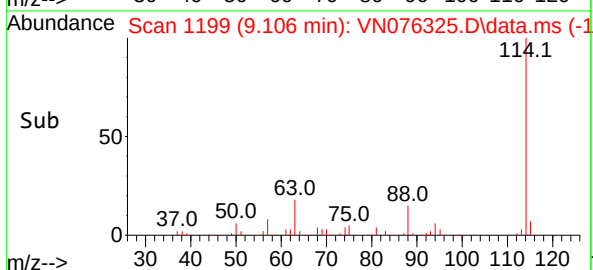
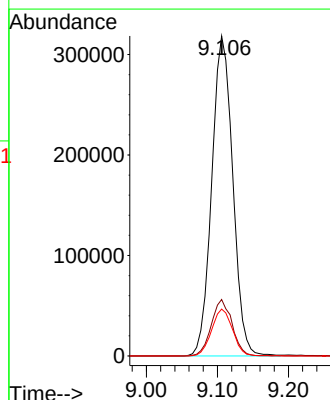
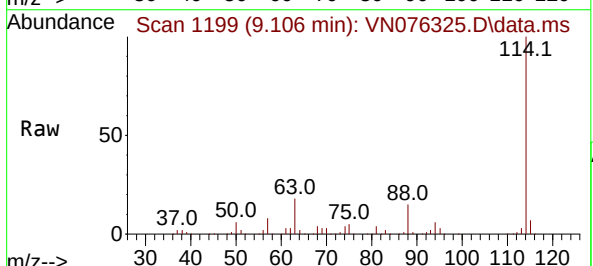
Tgt Ion: 114 Resp: 654116

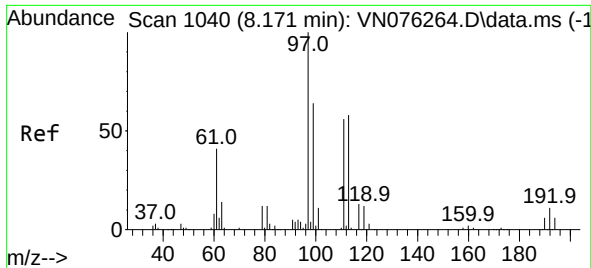
Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.8

88 14.7 0.0 28.0





#35

Dibromofluoromethane

Concen: 47.731 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN076325.D

Acq: 19 Jan 2023 16:07

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

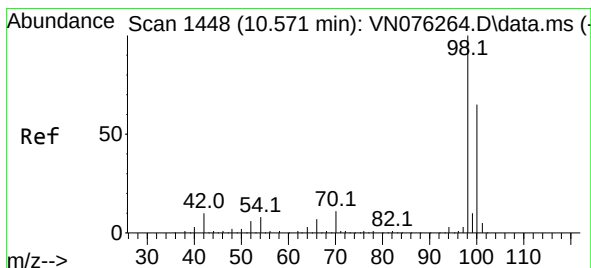
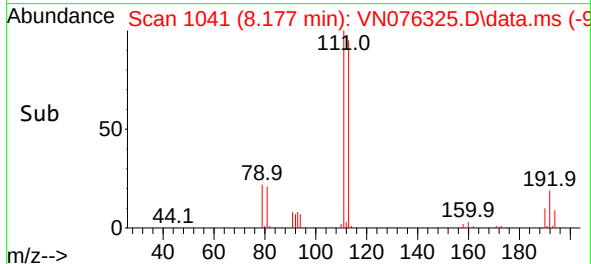
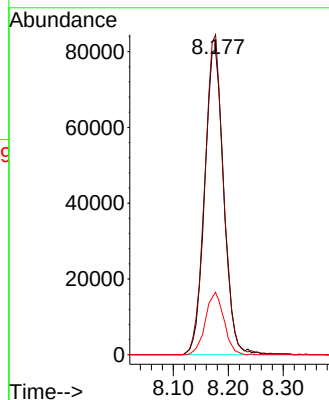
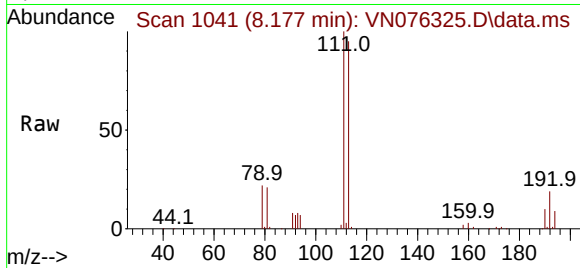
Tgt Ion:113 Resp: 195305

Ion Ratio Lower Upper

113 100

111 102.4 82.7 124.1

192 19.7 15.6 23.4



#50

Toluene-d8

Concen: 49.293 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076325.D

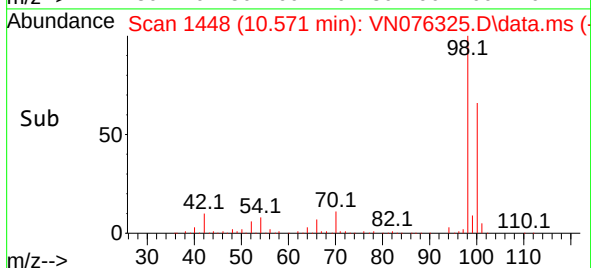
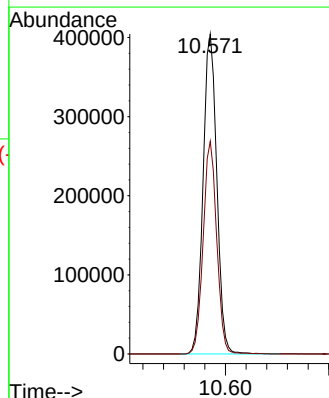
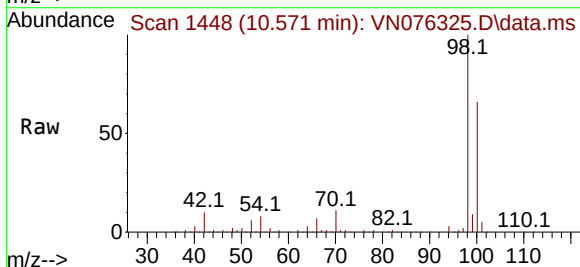
Acq: 19 Jan 2023 16:07

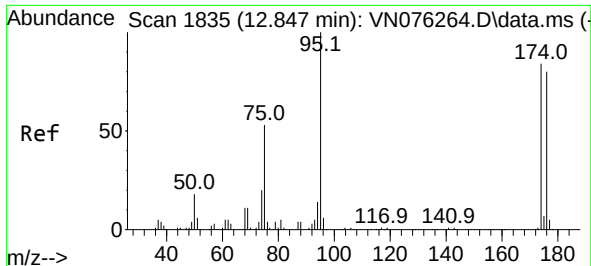
Tgt Ion: 98 Resp: 744887

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.4

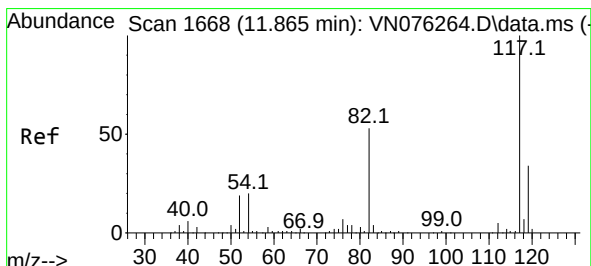
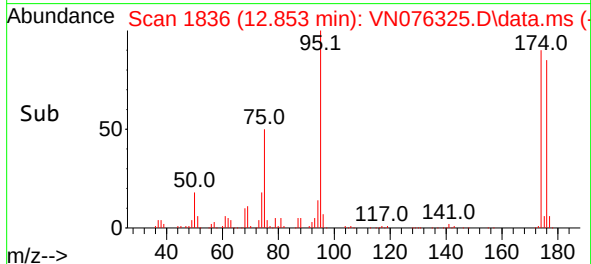
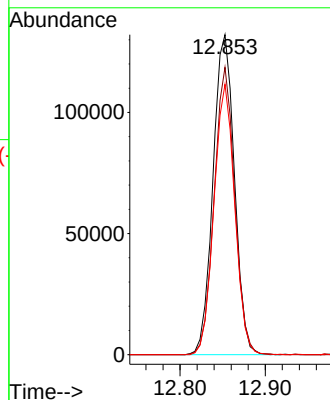
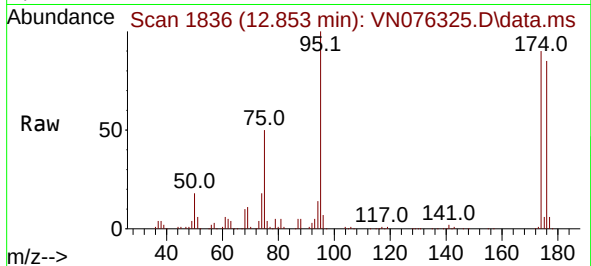




#62
4-Bromofluorobenzene
Concen: 46.664 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076325.D
Acq: 19 Jan 2023 16:07

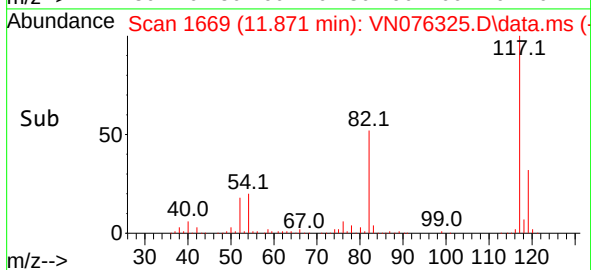
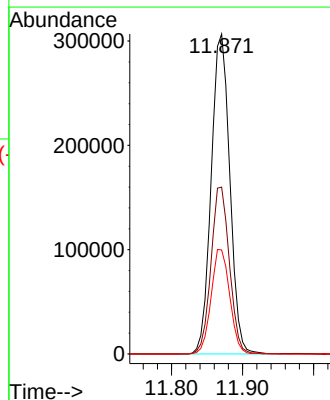
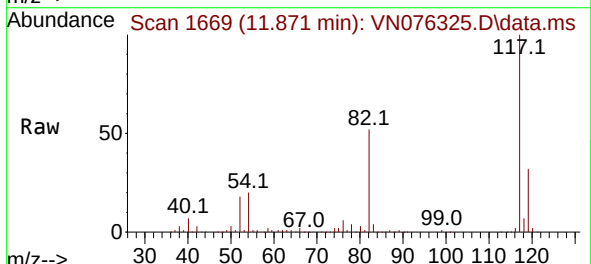
Instrument :
MSVOA_N
ClientSampleId :
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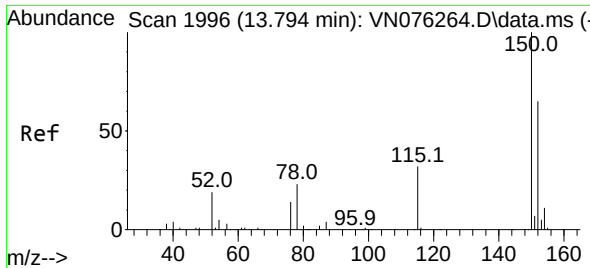
Tgt Ion: 95 Resp: 230202
Ion Ratio Lower Upper
95 100
174 86.5 0.0 174.6
176 82.1 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.005 min
Lab File: VN076325.D
Acq: 19 Jan 2023 16:07

Tgt Ion: 117 Resp: 557254
Ion Ratio Lower Upper
117 100
82 52.1 42.2 63.2
119 32.5 26.9 40.3

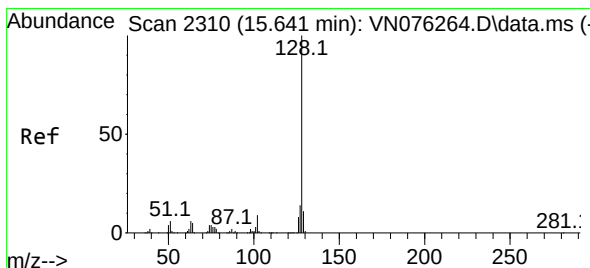
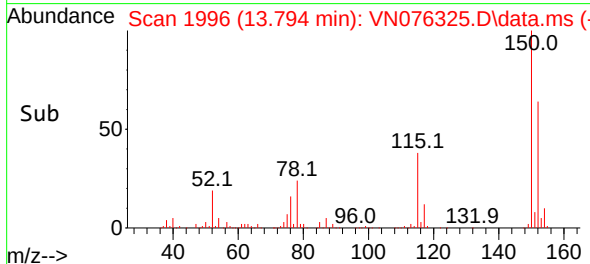
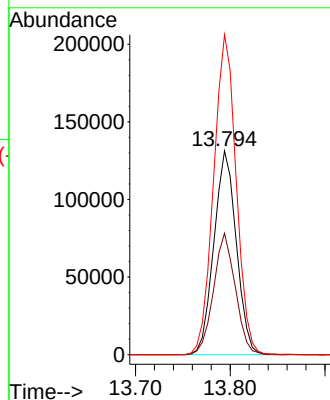
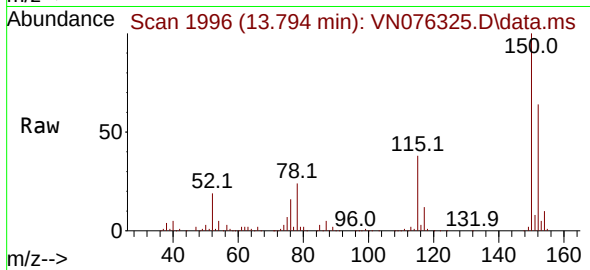




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076325.D
Acq: 19 Jan 2023 16:07

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tgt Ion:152 Resp: 215631
Ion Ratio Lower Upper
152 100
115 58.0 29.6 88.9
150 158.3 0.0 351.4



#95
Naphthalene
Concen: 2.084 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN076325.D
Acq: 19 Jan 2023 16:07

Tgt Ion:128 Resp: 2850
Ion Ratio Lower Upper
128 100
127 8.4 10.3 15.5#
129 4.1 8.6 13.0#

