

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011923\
 Data File : VN076323.D
 Acq On : 19 Jan 2023 15:19
 Operator : JC\MD
 Sample : 01214-16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
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Quant Time: Jan 20 00:57:22 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)

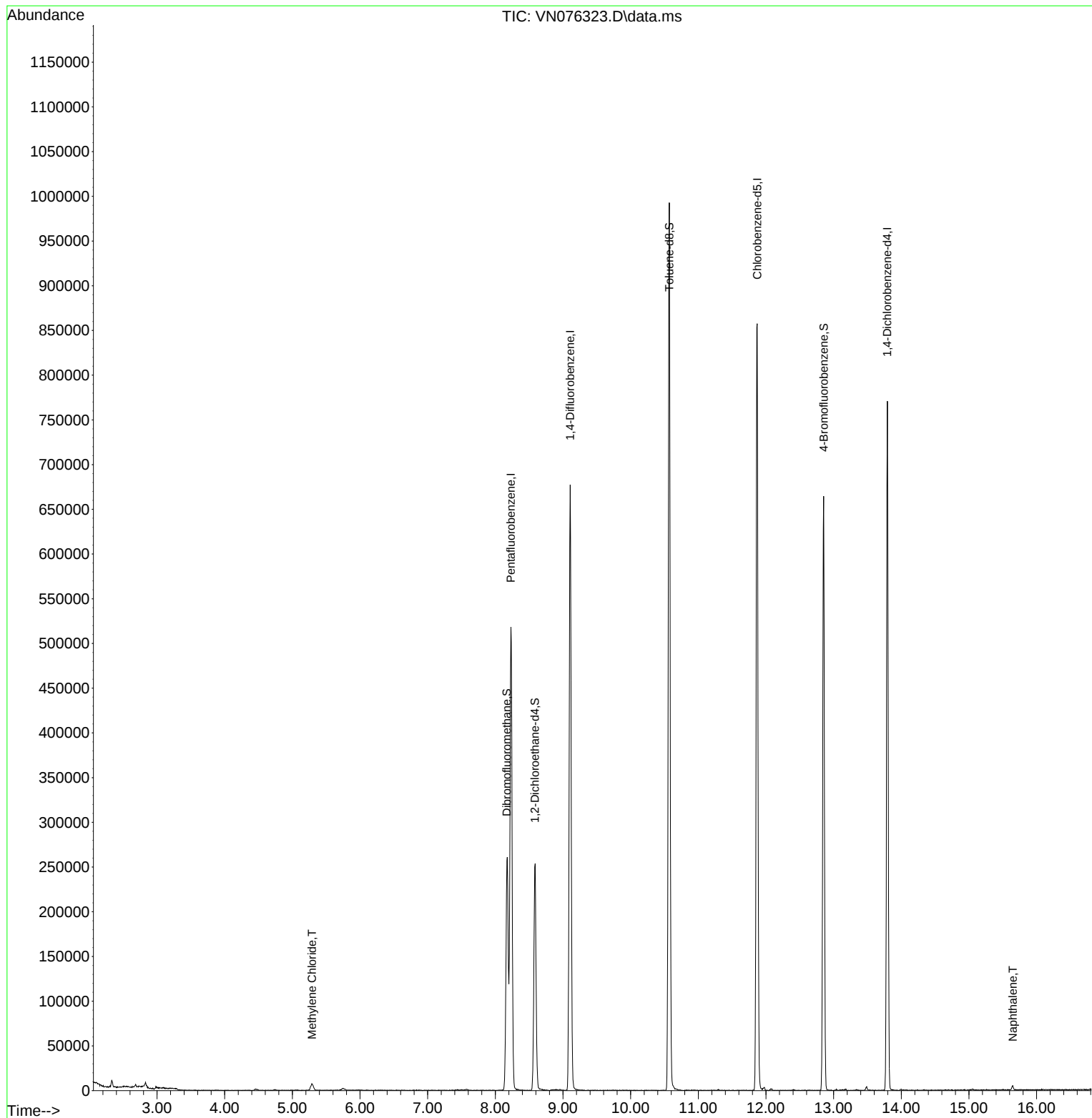
Internal Standards						
1) Pentafluorobenzene	8.230	168	396551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	622255	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	538893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	216737	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	206621	46.535	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.060%		
35) Dibromofluoromethane	8.171	113	187653	48.209	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.420%		
50) Toluene-d8	10.571	98	715557	49.777	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.560%		
62) 4-Bromofluorobenzene	12.853	95	220353	46.955	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.900%		
Target Compounds						
20) Methylene Chloride	5.289	84	5735	0.768	ug/l	91
95) Naphthalene	15.647	128	4957	2.263	ug/l #	89

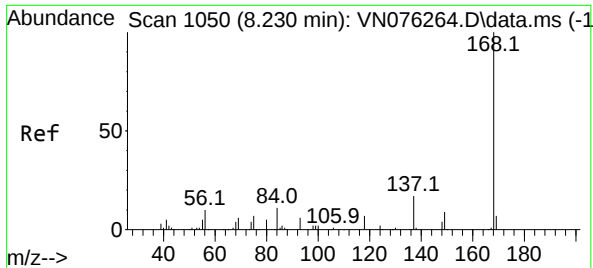
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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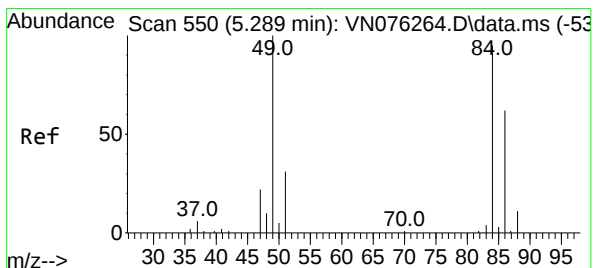
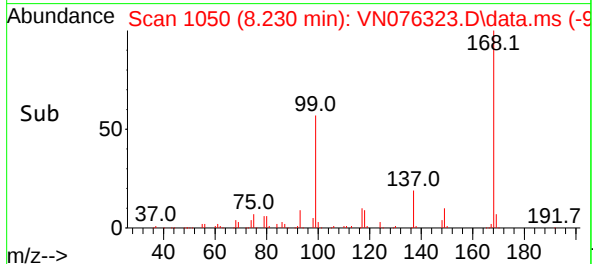
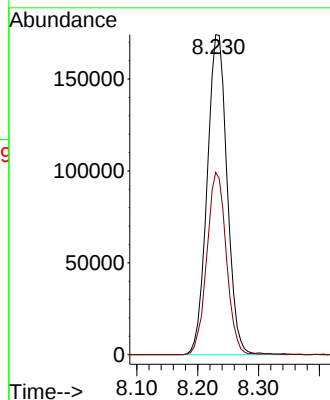
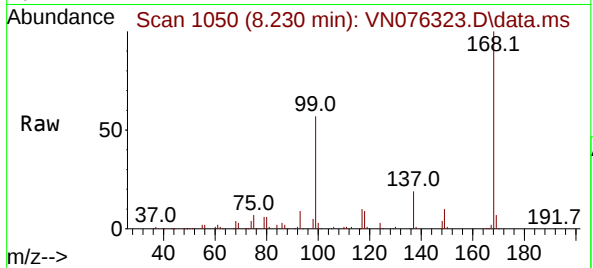




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN076323.D
Acq: 19 Jan 2023 15:19

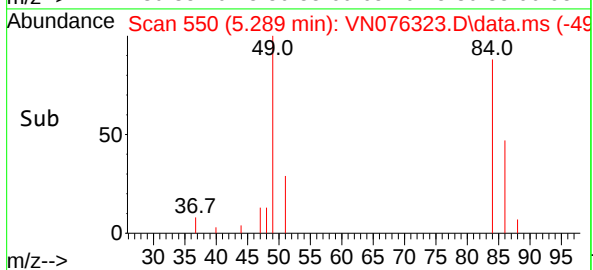
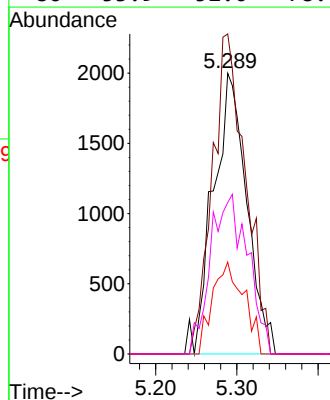
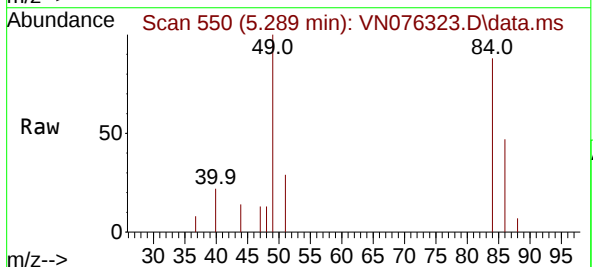
Instrument :
MSVOA_N
ClientSampleId :
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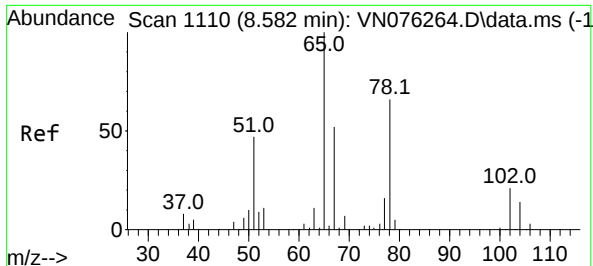
Tgt Ion:168 Resp: 396551
Ion Ratio Lower Upper
168 100
99 57.0 41.6 62.4



#20
Methylene Chloride
Concen: 0.768 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076323.D
Acq: 19 Jan 2023 15:19

Tgt Ion: 84 Resp: 5735
Ion Ratio Lower Upper
84 100
49 114.0 84.5 126.7
51 32.7 26.0 39.0
86 53.9 52.0 78.0





#33

1,2-Dichloroethane-d4

Concen: 46.535 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076323.D

Acq: 19 Jan 2023 15:19

Instrument :

MSVOA_N

ClientSampleId :

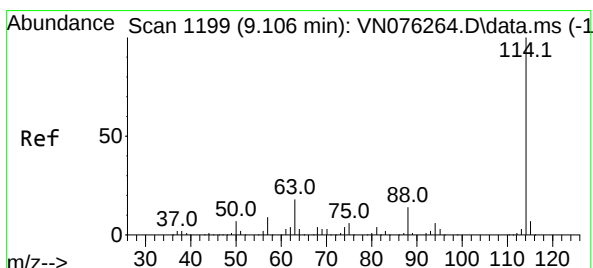
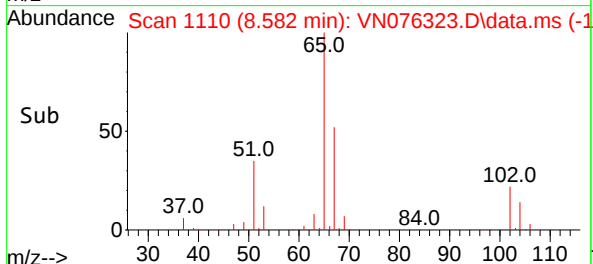
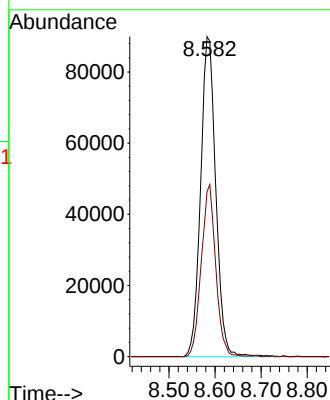
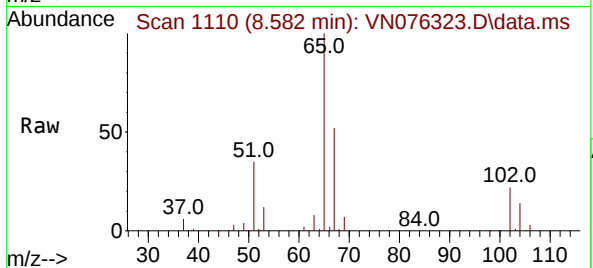
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Tgt Ion: 65 Resp: 206621

Ion Ratio Lower Upper

65 100

67 51.2 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: VN076323.D

Acq: 19 Jan 2023 15:19

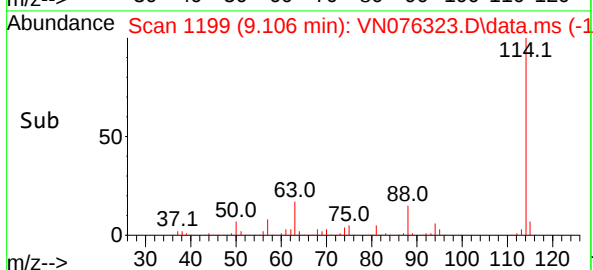
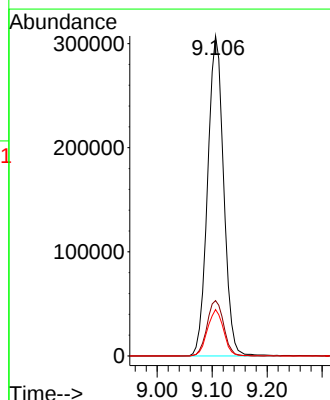
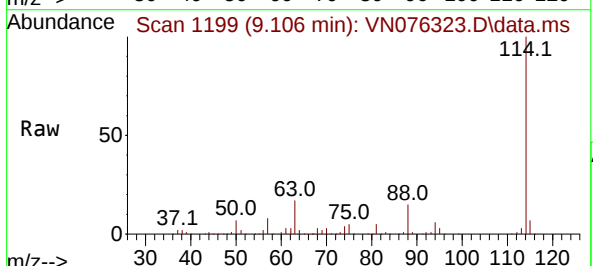
Tgt Ion: 114 Resp: 622255

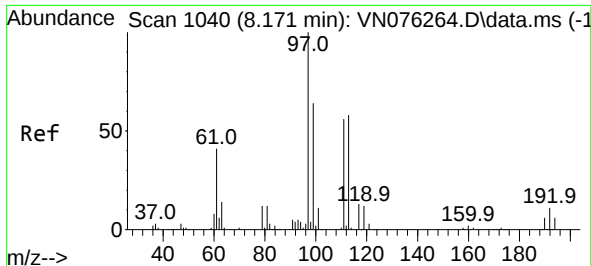
Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.8

88 14.5 0.0 28.0





#35

Dibromofluoromethane

Concen: 48.209 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076323.D

Acq: 19 Jan 2023 15:19

Instrument :

MSVOA_N

ClientSampleId :

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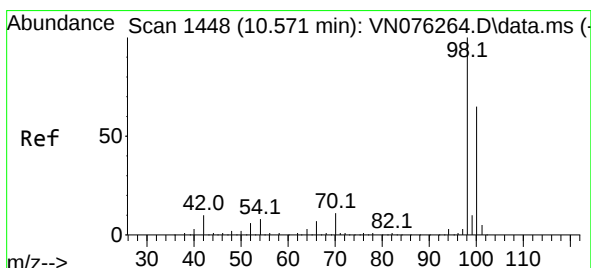
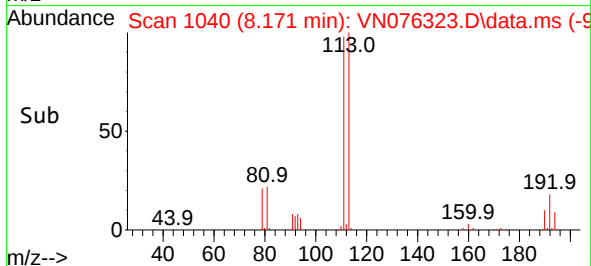
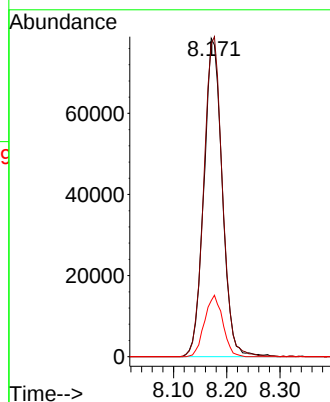
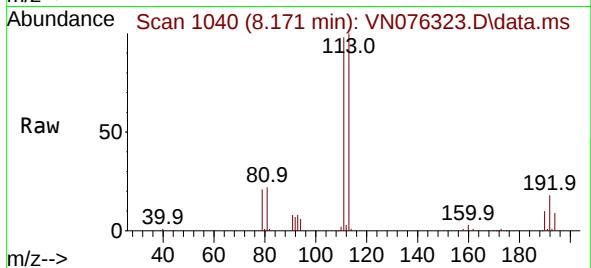
Tgt Ion:113 Resp: 187653

Ion Ratio Lower Upper

113 100

111 101.6 82.7 124.1

192 19.2 15.6 23.4



#50

Toluene-d8

Concen: 49.777 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076323.D

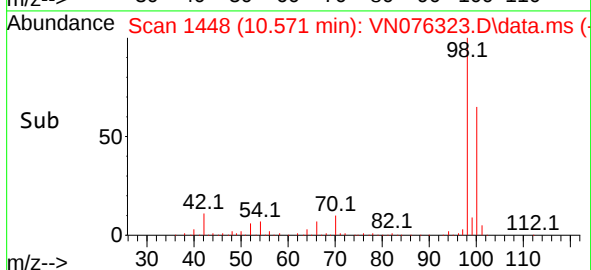
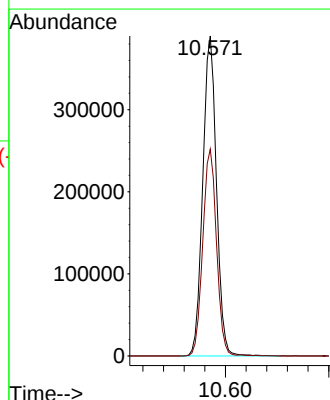
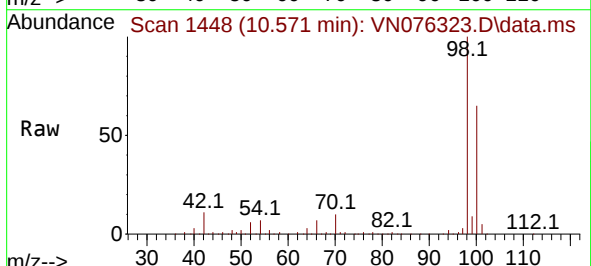
Acq: 19 Jan 2023 15:19

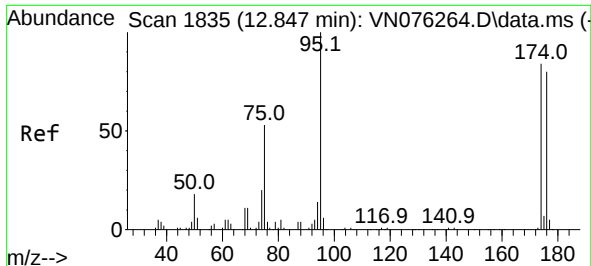
Tgt Ion: 98 Resp: 715557

Ion Ratio Lower Upper

98 100

100 65.0 52.2 78.4





#62

4-Bromofluorobenzene

Concen: 46.955 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.006 min

Lab File: VN076323.D

Acq: 19 Jan 2023 15:19

Instrument :

MSVOA_N

ClientSampleId :

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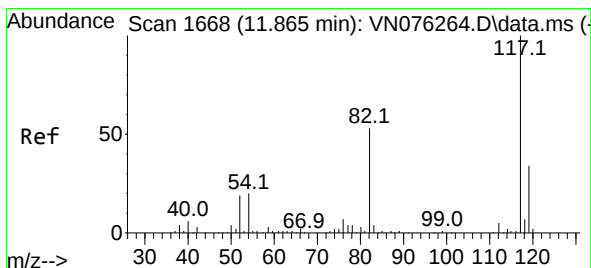
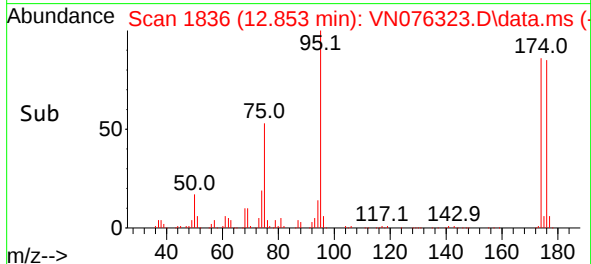
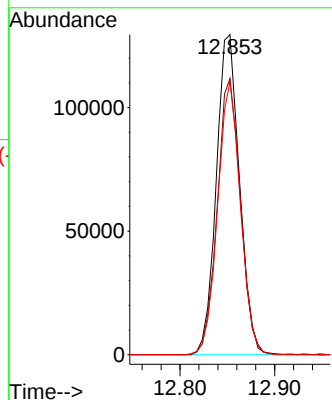
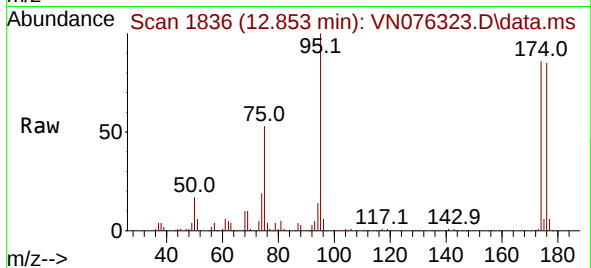
Tgt Ion: 95 Resp: 220353

Ion Ratio Lower Upper

95 100

174 86.5 0.0 174.6

176 83.7 0.0 167.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1669

Delta R.T. 0.006 min

Lab File: VN076323.D

Acq: 19 Jan 2023 15:19

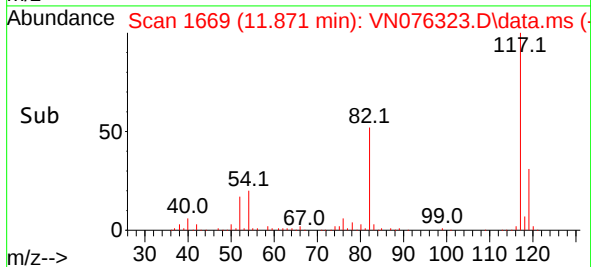
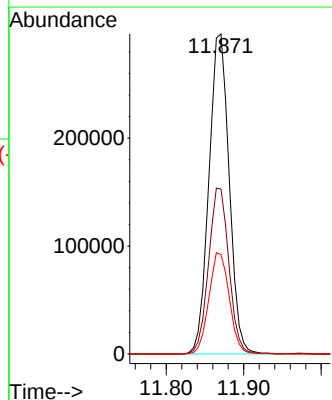
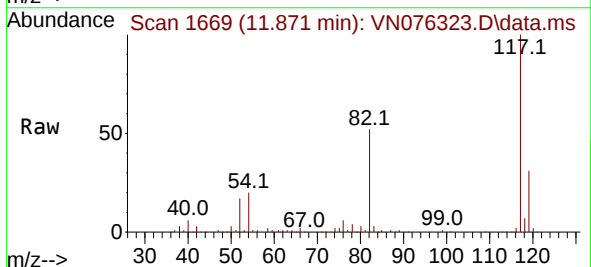
Tgt Ion: 117 Resp: 538893

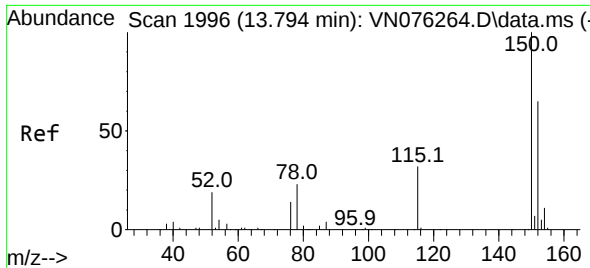
Ion Ratio Lower Upper

117 100

82 51.5 42.2 63.2

119 31.1 26.9 40.3

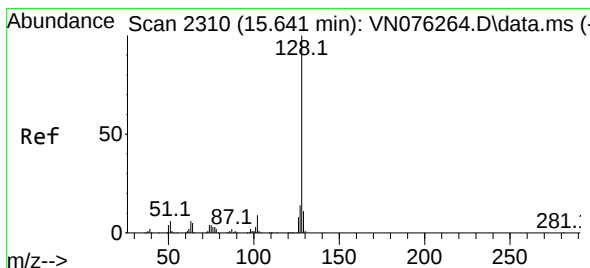
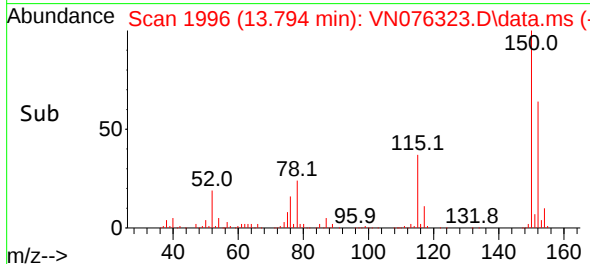
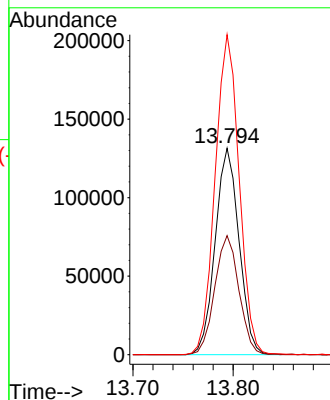
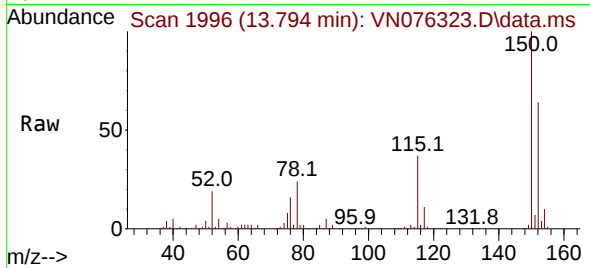




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076323.D
Acq: 19 Jan 2023 15:19

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:152 Resp: 216737
Ion Ratio Lower Upper
152 100
115 58.5 29.6 88.9
150 156.3 0.0 351.4



#95
Naphthalene
Concen: 2.263 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN076323.D
Acq: 19 Jan 2023 15:19

Tgt Ion:128 Resp: 4957
Ion Ratio Lower Upper
128 100
127 7.0 10.3 15.5#
129 8.6 8.6 13.0#

