

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011123\
 Data File : VN076211.D
 Acq On : 11 Jan 2023 15:40
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jan 12 00:37:49 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)

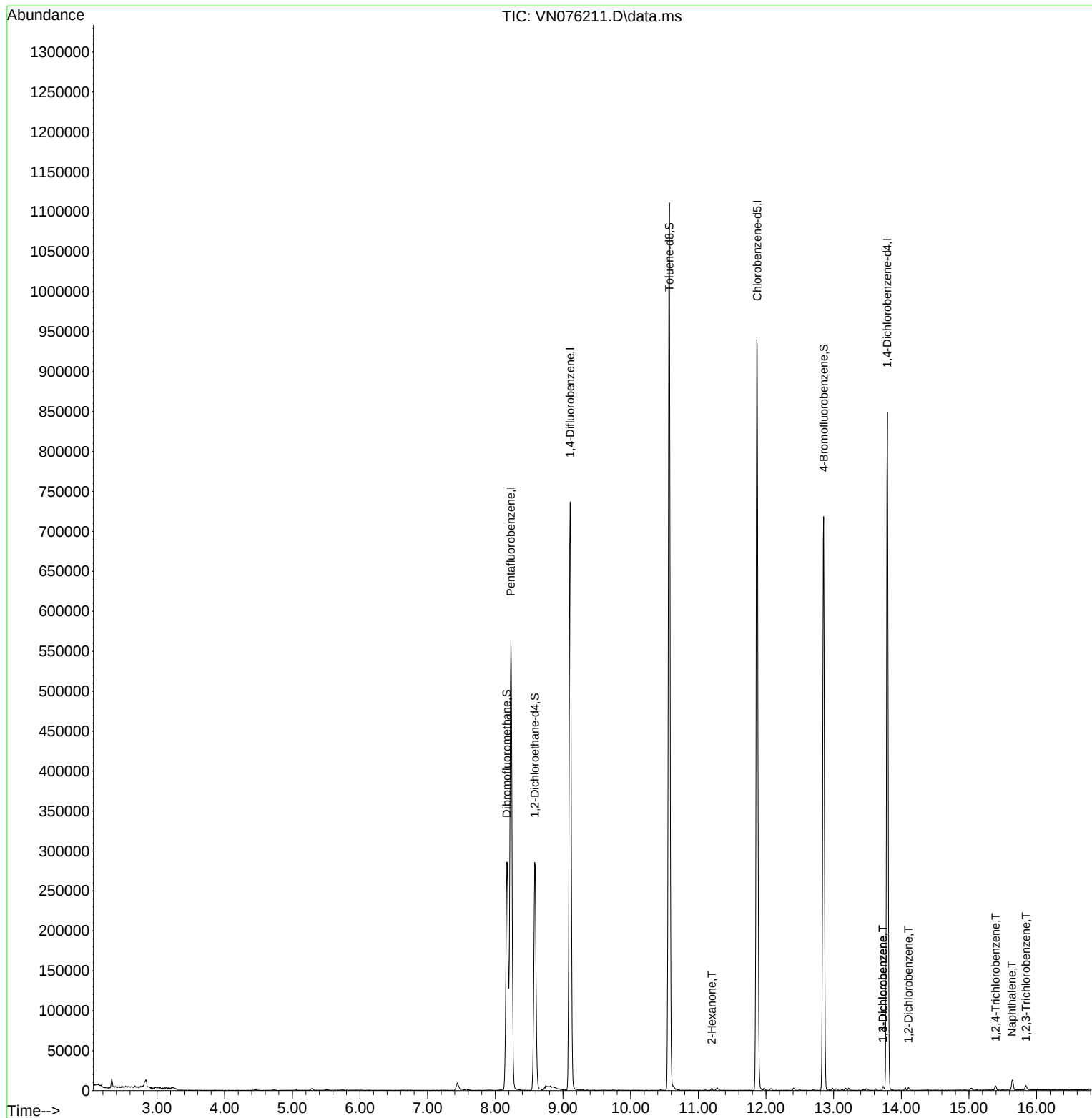
Internal Standards						
1) Pentafluorobenzene	8.230	168	438204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	690239	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	590938	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	239233	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	227543	47.730	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.460%
35) Dibromofluoromethane	8.171	113	202337	47.335	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.680%
50) Toluene-d8	10.571	98	782786	48.979	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.960%
62) 4-Bromofluorobenzene	12.853	95	239688	45.280	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.560%
Target Compounds						
					Qvalue	
59) 2-Hexanone	11.200	43	1655	0.499	ug/l	83
87) 1,3-Dichlorobenzene	13.729	146	1960	0.243	ug/l	89
88) 1,4-Dichlorobenzene	13.729	146	1960	0.237	ug/l	88
91) 1,2-Dichlorobenzene	14.106	146	2088	0.262	ug/l	90
93) 1,2,4-Trichlorobenzene	15.394	180	2583	0.655	ug/l	85
95) Naphthalene	15.635	128	13416	3.163	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	2585	0.702	ug/l	96

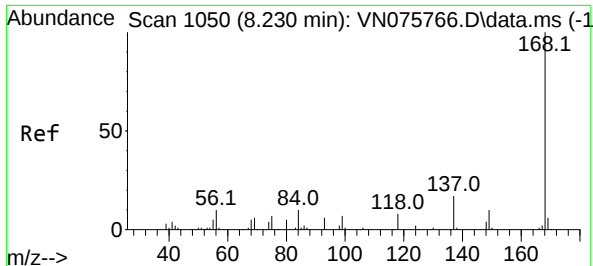
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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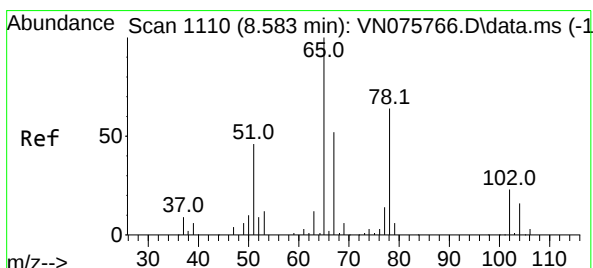
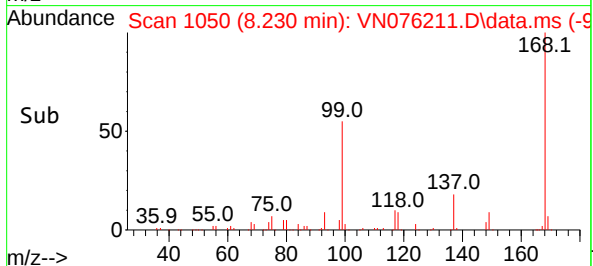
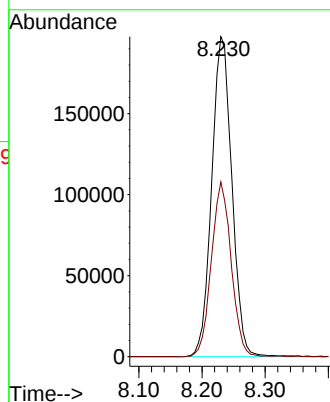
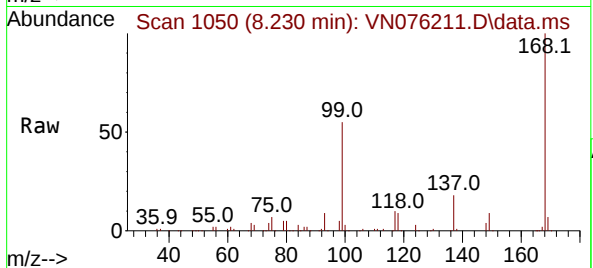




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 110
Delta R.T. -0.000 min
Lab File: VN076211.D
Acq: 11 Jan 2023 15:40

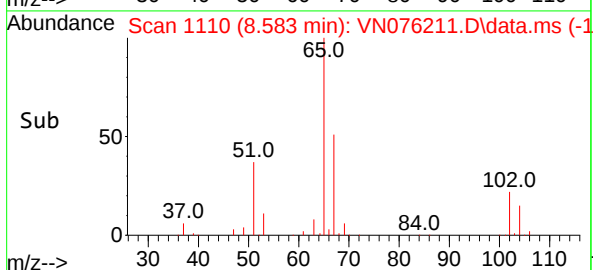
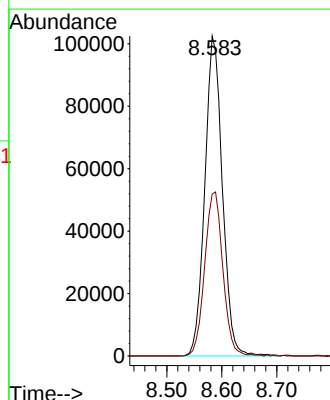
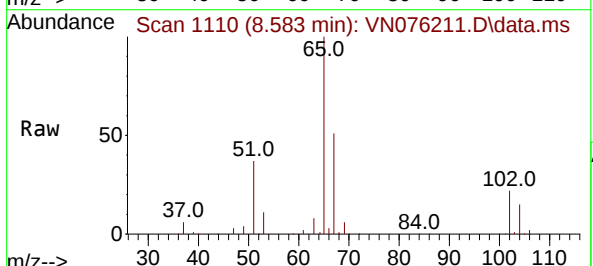
Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:168 Resp: 438204
Ion Ratio Lower Upper
168 100
99 54.6 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 47.730 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076211.D
Acq: 11 Jan 2023 15:40

Tgt Ion: 65 Resp: 227543
Ion Ratio Lower Upper
65 100
67 53.0 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: VN076211.D

Acq: 11 Jan 2023 15:40

Instrument :

MSVOA_N

ClientSampleId :

IBLK

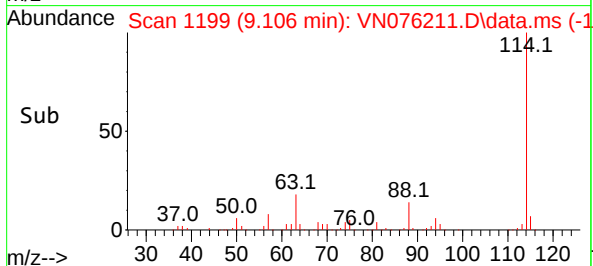
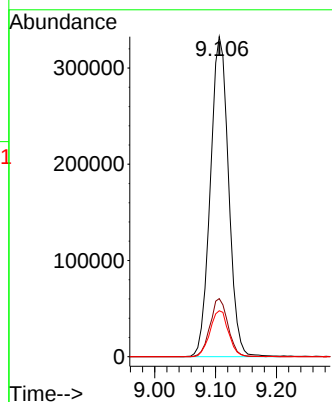
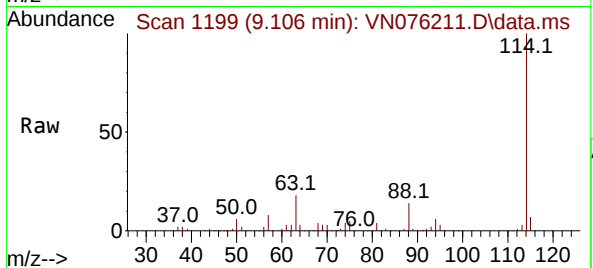
Tgt Ion:114 Resp: 690239

Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.4

88 14.4 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.335 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN076211.D

Acq: 11 Jan 2023 15:40

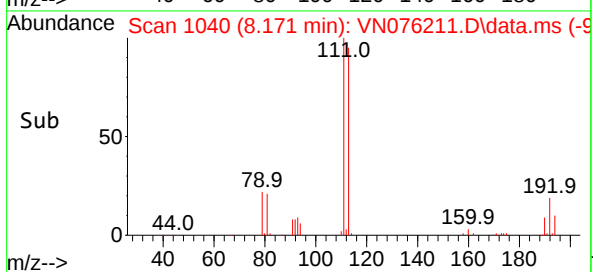
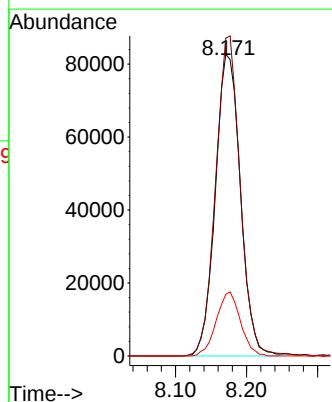
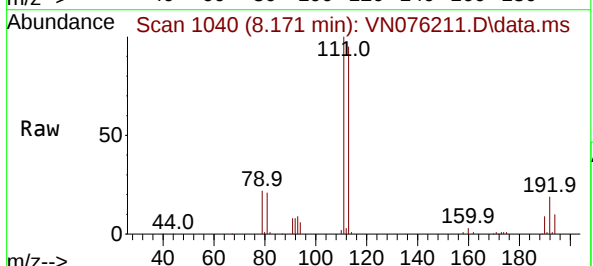
Tgt Ion:113 Resp: 202337

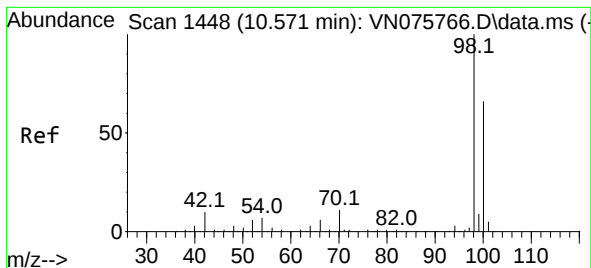
Ion Ratio Lower Upper

113 100

111 103.9 83.4 125.2

192 20.4 16.1 24.1





#50

Toluene-d8

Concen: 48.979 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN076211.D

Acq: 11 Jan 2023 15:40

Instrument :

MSVOA_N

ClientSampleId :

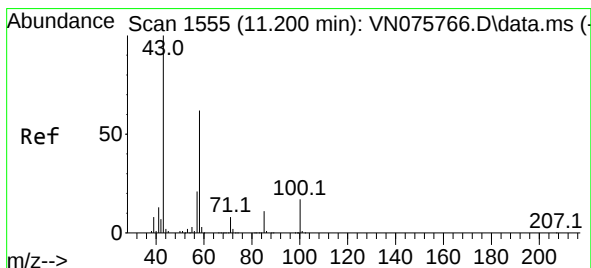
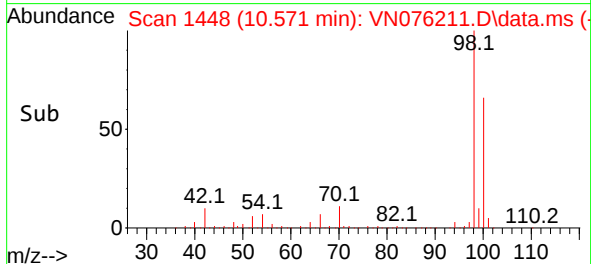
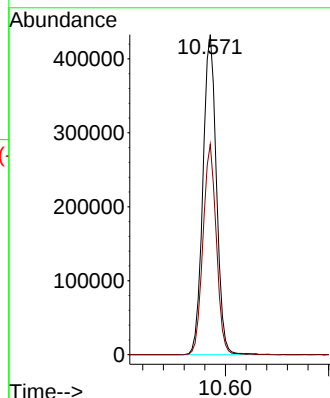
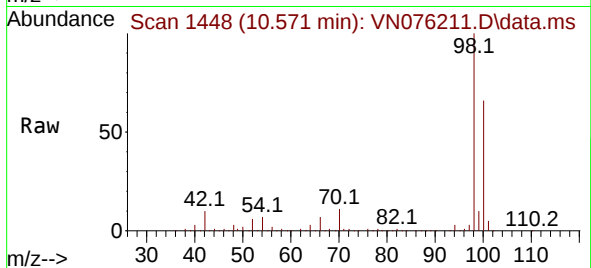
IBLK

Tgt Ion: 98 Resp: 782786

Ion Ratio Lower Upper

98 100

100 65.0 52.1 78.1



#59

2-Hexanone

Concen: 0.499 ug/l

RT: 11.200 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VN076211.D

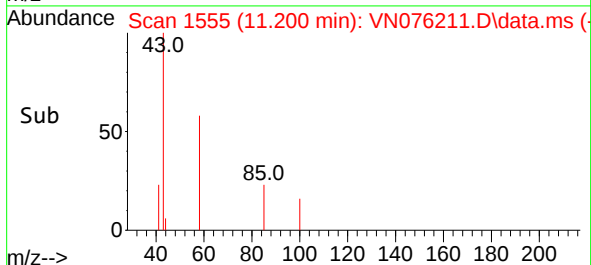
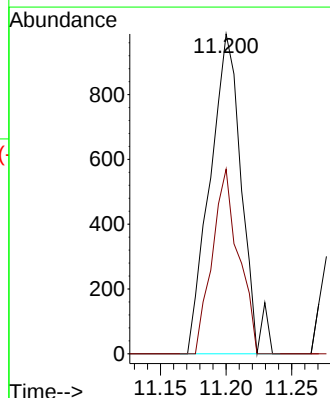
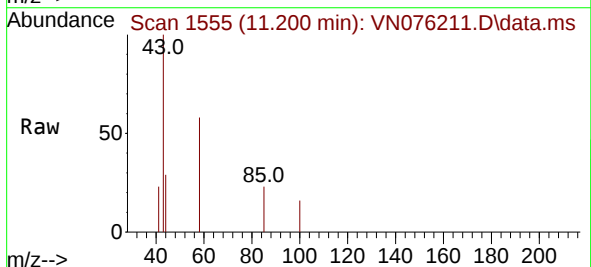
Acq: 11 Jan 2023 15:40

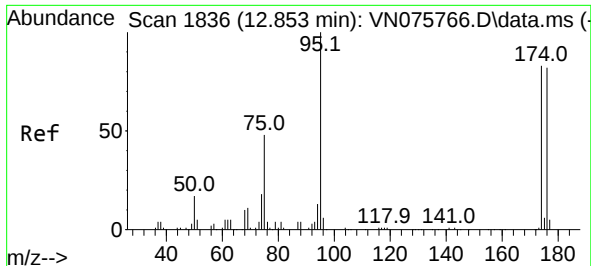
Tgt Ion: 43 Resp: 1655

Ion Ratio Lower Upper

43 100

58 48.1 30.6 92.0

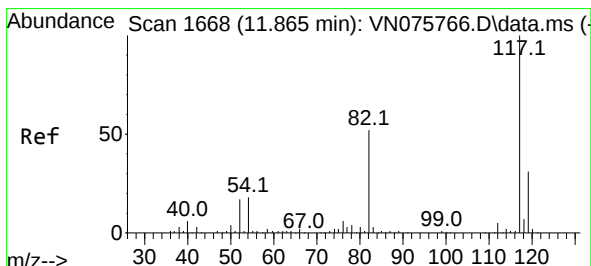
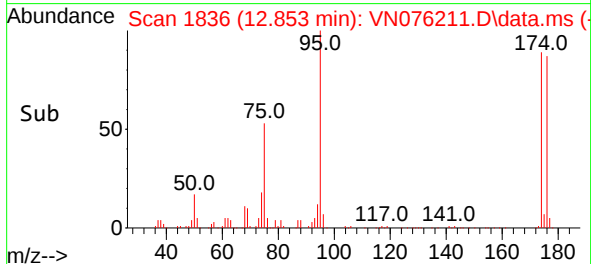
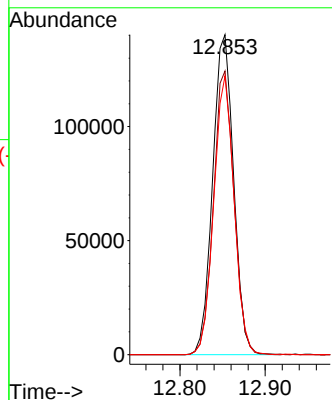
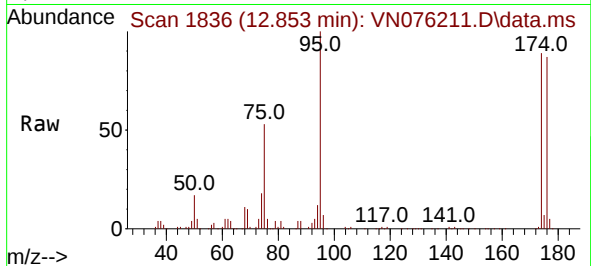




#62
4-Bromofluorobenzene
Concen: 45.280 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076211.D
Acq: 11 Jan 2023 15:40

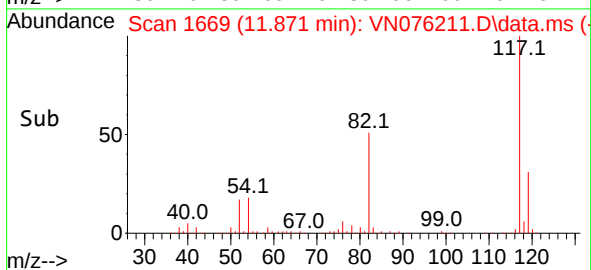
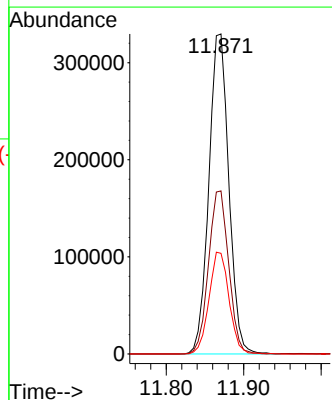
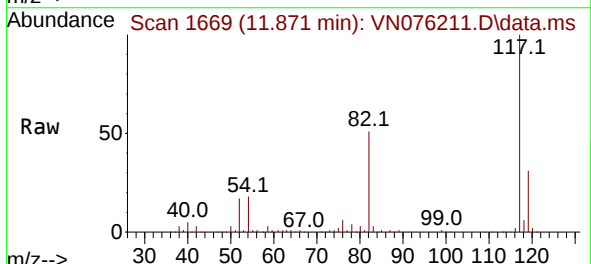
Instrument :
MSVOA_N
ClientSampleId :
IBLK

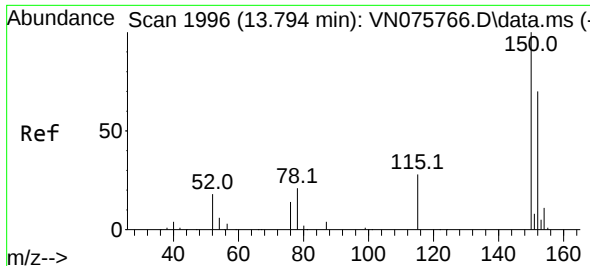
Tgt Ion: 95 Resp: 239688
Ion Ratio Lower Upper
95 100
174 87.0 0.0 171.6
176 84.5 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076211.D
Acq: 11 Jan 2023 15:40

Tgt Ion: 117 Resp: 590938
Ion Ratio Lower Upper
117 100
82 51.0 41.3 61.9
119 31.4 24.6 37.0

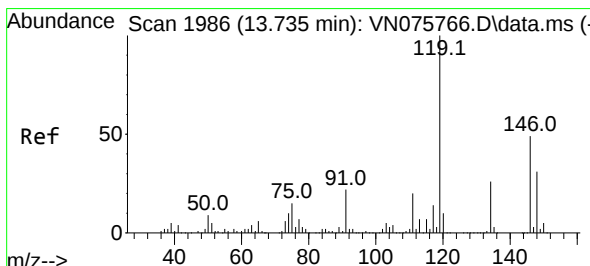
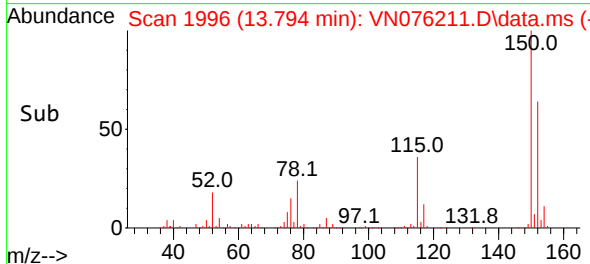
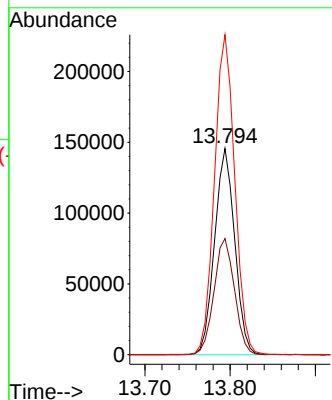
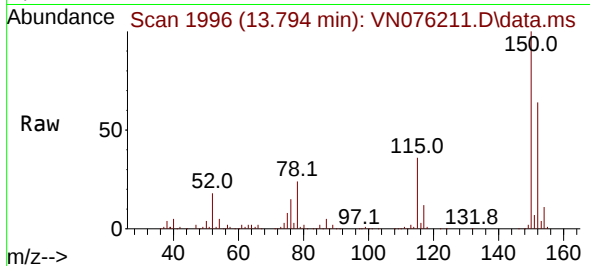




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. 0.000 min
 Lab File: VN076211.D
 Acq: 11 Jan 2023 15:40

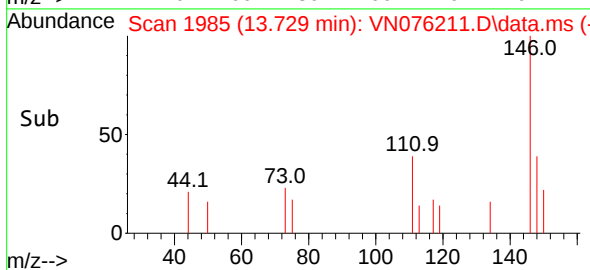
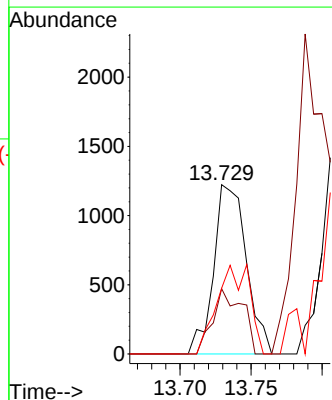
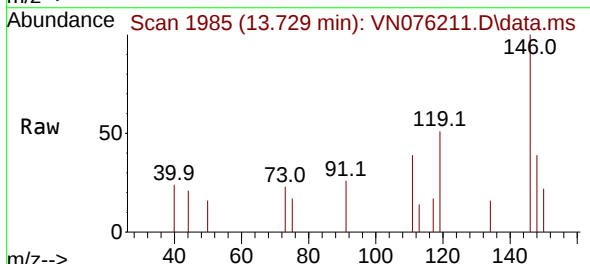
Instrument :
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 ClientSampleId :
 IBLK

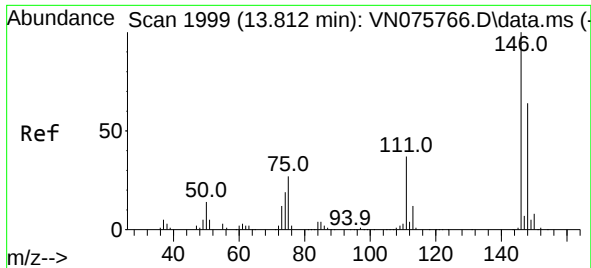
Tgt Ion:152 Resp: 239233
 Ion Ratio Lower Upper
 152 100
 115 57.4 29.1 87.4
 150 156.4 0.0 347.0



#87
 1,3-Dichlorobenzene
 Concen: 0.243 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.006 min
 Lab File: VN076211.D
 Acq: 11 Jan 2023 15:40

Tgt Ion:146 Resp: 1960
 Ion Ratio Lower Upper
 146 100
 111 34.6 19.7 59.0
 148 52.4 31.4 94.2

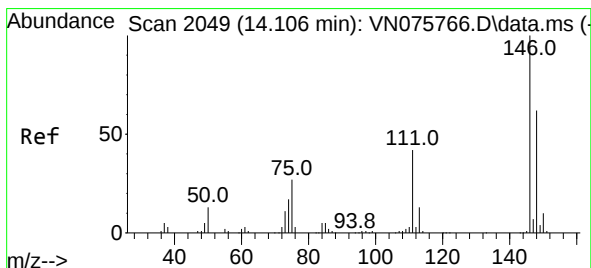
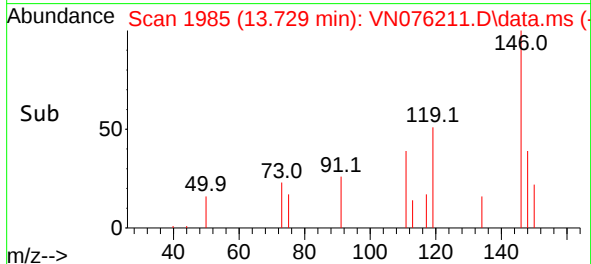
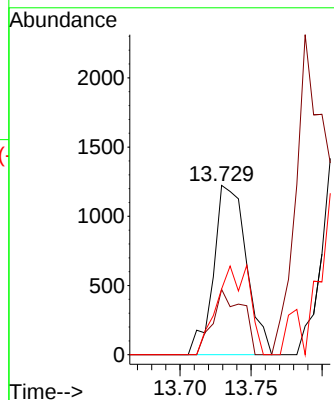
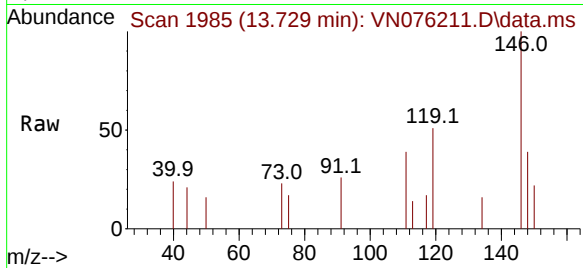




#88
 1,4-Dichlorobenzene
 Concen: 0.237 ug/l
 RT: 13.729 min Scan# 1999
 Delta R.T. -0.082 min
 Lab File: VN076211.D
 Acq: 11 Jan 2023 15:40

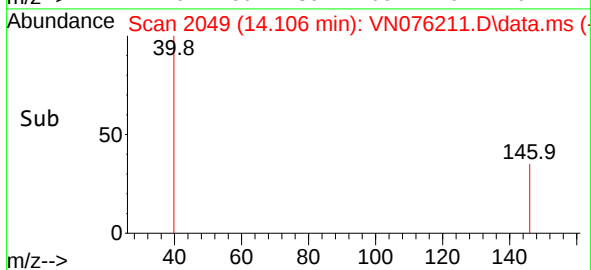
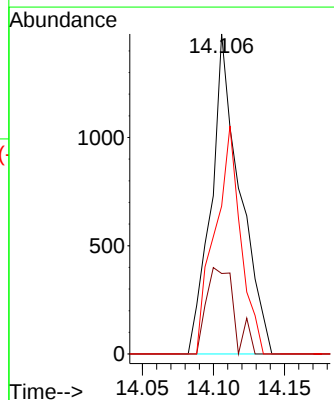
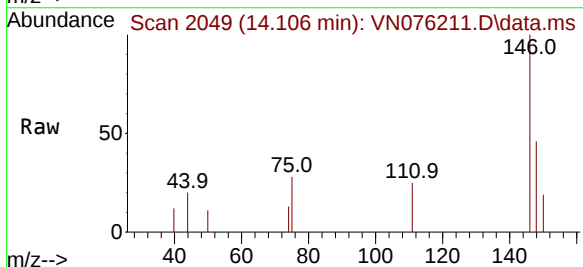
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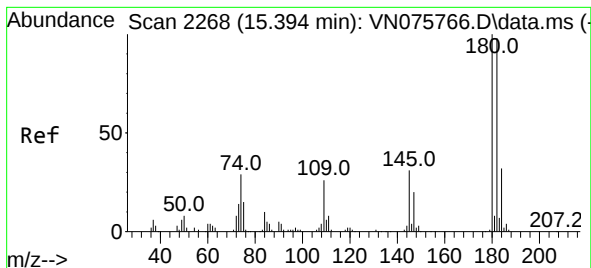
Tgt Ion:146 Resp: 1960
 Ion Ratio Lower Upper
 146 100
 111 34.6 19.1 57.1
 148 52.4 32.0 96.2



#91
 1,2-Dichlorobenzene
 Concen: 0.262 ug/l
 RT: 14.106 min Scan# 2049
 Delta R.T. 0.000 min
 Lab File: VN076211.D
 Acq: 11 Jan 2023 15:40

Tgt Ion:146 Resp: 2088
 Ion Ratio Lower Upper
 146 100
 111 26.0 20.3 61.0
 148 63.7 31.7 95.1





#93

1,2,4-Trichlorobenzene

Concen: 0.655 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN076211.D

Acq: 11 Jan 2023 15:40

Instrument :

MSVOA_N

ClientSampleId :

IBLK

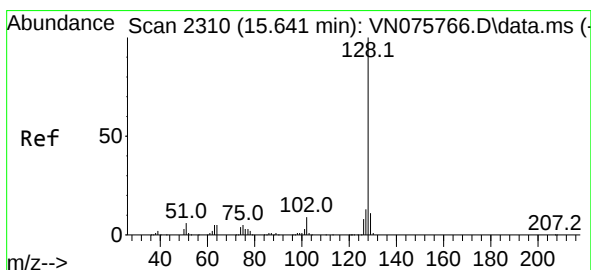
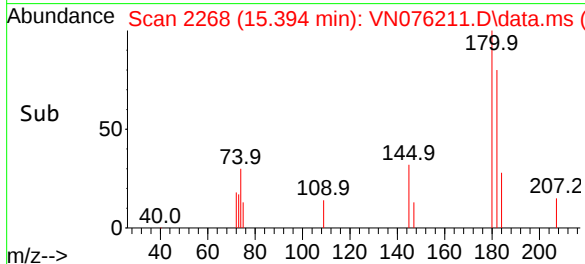
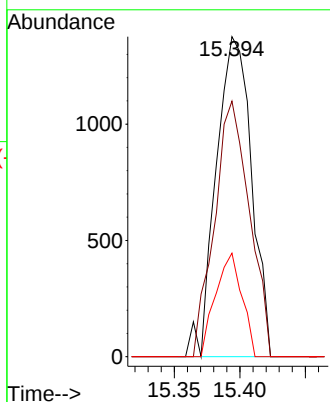
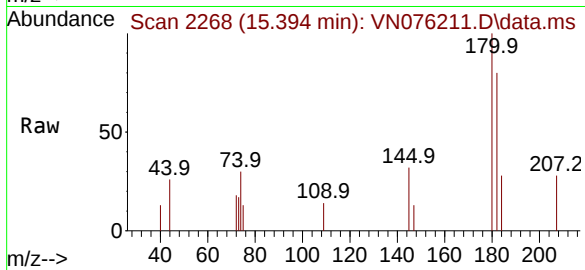
Tgt Ion:180 Resp: 2583

Ion Ratio Lower Upper

180 100

182 78.9 47.5 142.5

145 24.1 15.3 45.8



#95

Naphthalene

Concen: 3.163 ug/l

RT: 15.635 min Scan# 2309

Delta R.T. -0.006 min

Lab File: VN076211.D

Acq: 11 Jan 2023 15:40

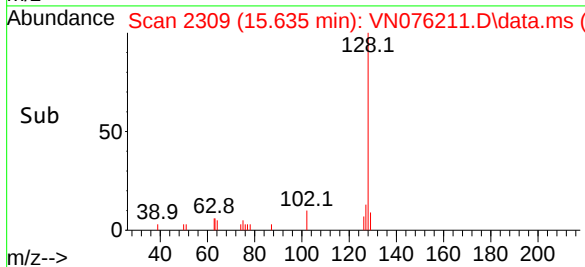
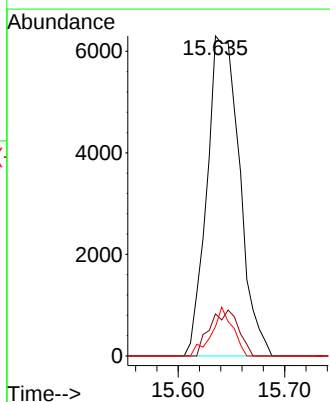
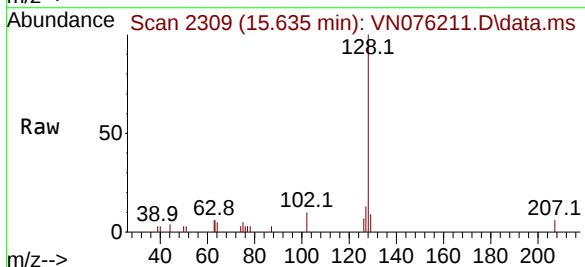
Tgt Ion:128 Resp: 13416

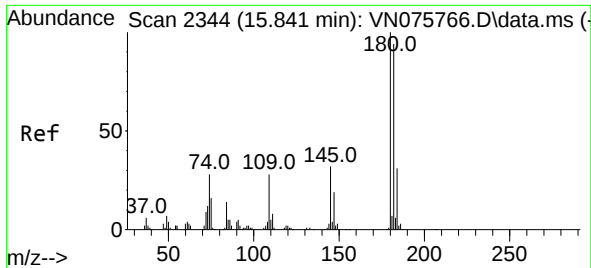
Ion Ratio Lower Upper

128 100

127 12.6 10.4 15.6

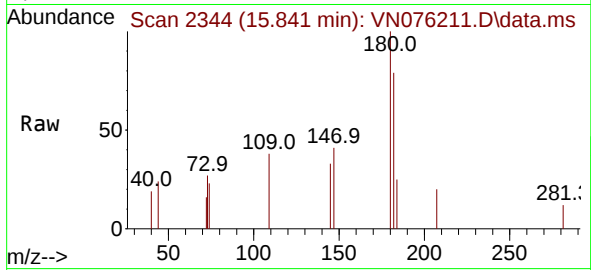
129 9.8 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.702 ug/l
 RT: 15.841 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN076211.D
 Acq: 11 Jan 2023 15:40

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK



Tgt Ion:	180	Resp:	2585
Ion	Ratio	Lower	Upper
180	100		
182	93.0	47.0	141.0
145	24.1	16.0	47.9

