

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011923\
 Data File : VN076324.D
 Acq On : 19 Jan 2023 15:43
 Operator : JC\MD
 Sample : 01221-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Jan 20 00:57:45 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)

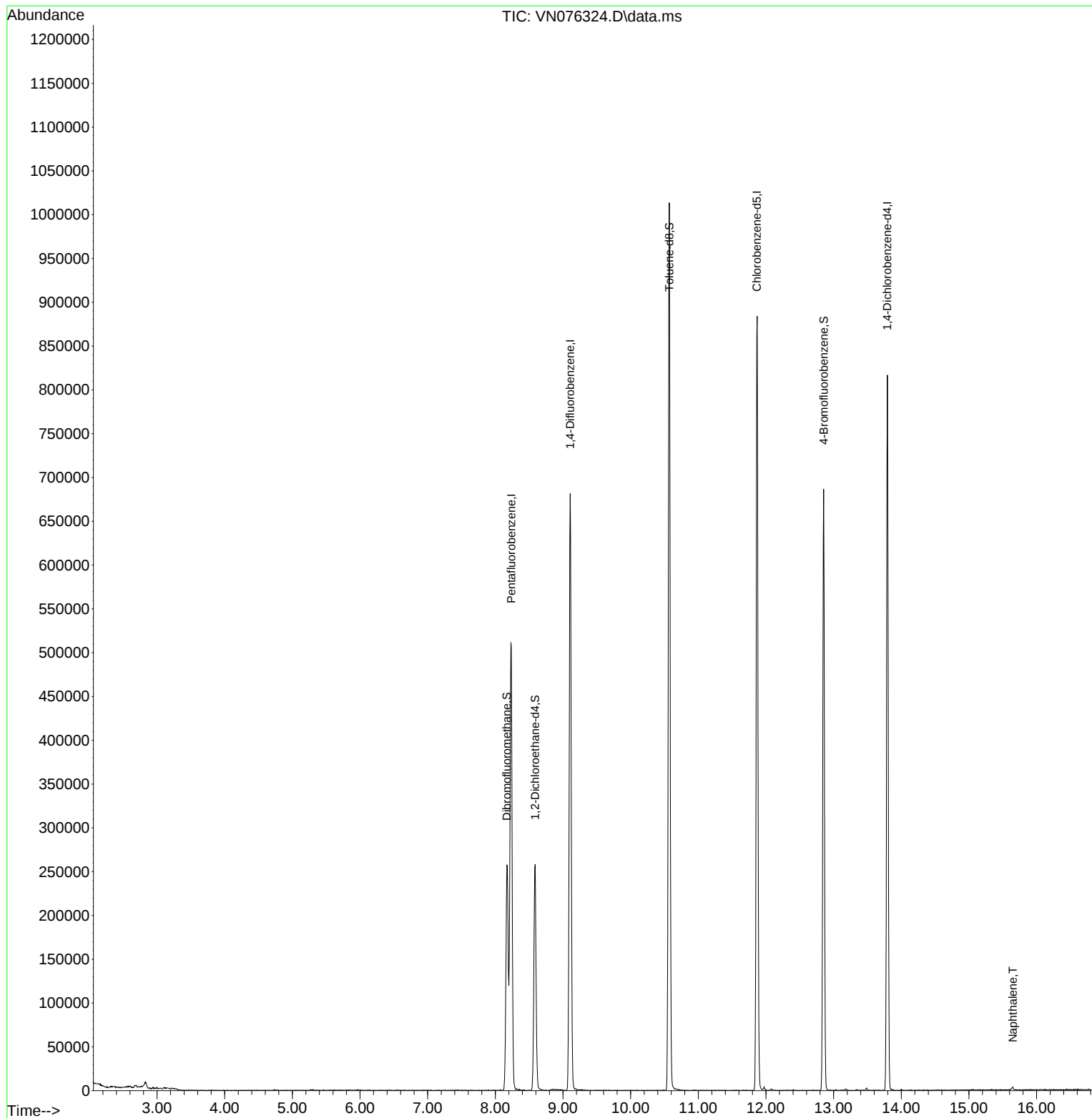
Internal Standards						
1) Pentafluorobenzene	8.235	168	400125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	629545	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	544110	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	231918	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	210158	46.909	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.820%
35) Dibromofluoromethane	8.171	113	187890	47.711	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.420%
50) Toluene-d8	10.571	98	721659	49.620	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.240%
62) 4-Bromofluorobenzene	12.853	95	224470	47.278	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.560%
Target Compounds						
95) Naphthalene	15.647	128	3574	2.125	ug/l	Qvalue # 91

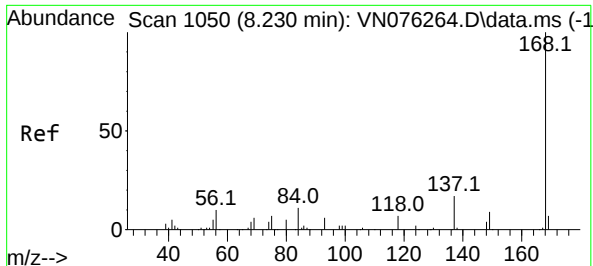
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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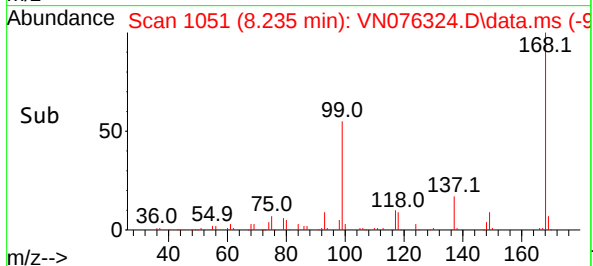
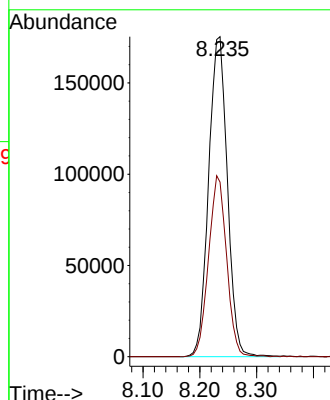
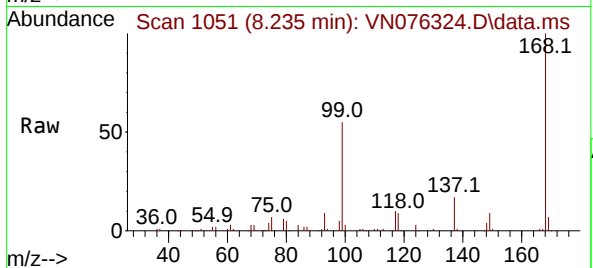




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1050
Delta R.T. 0.005 min
Lab File: VN076324.D
Acq: 19 Jan 2023 15:43

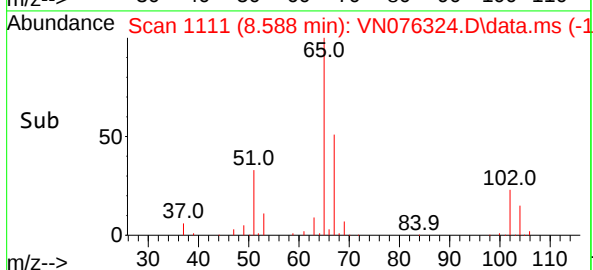
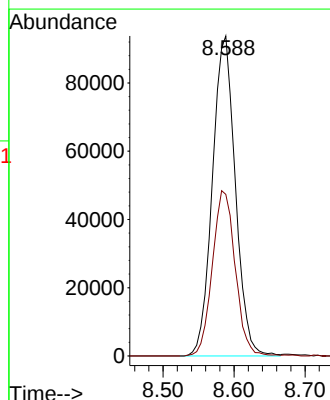
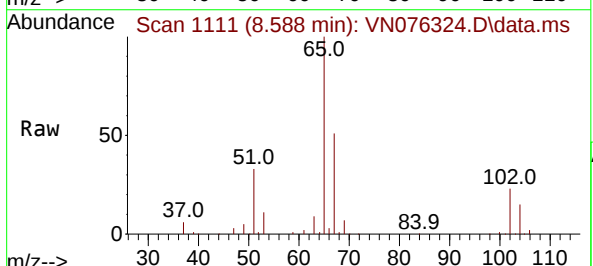
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

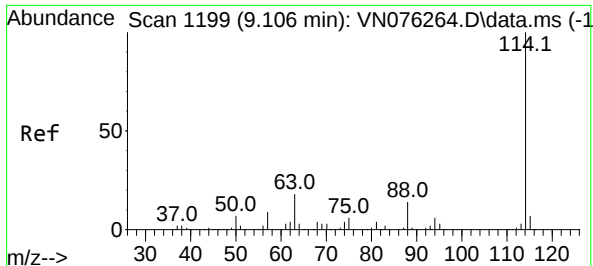
Tgt Ion:168 Resp: 400125
Ion Ratio Lower Upper
168 100
99 54.6 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 46.909 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076324.D
Acq: 19 Jan 2023 15:43

Tgt Ion: 65 Resp: 210158
Ion Ratio Lower Upper
65 100
67 51.6 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: VN076324.D

Acq: 19 Jan 2023 15:43

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

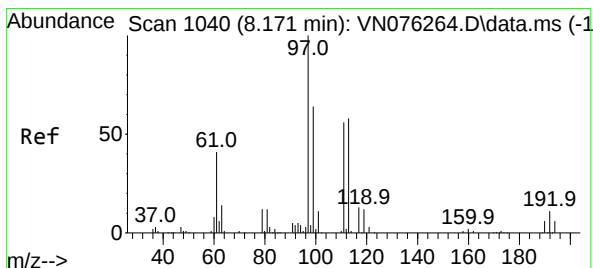
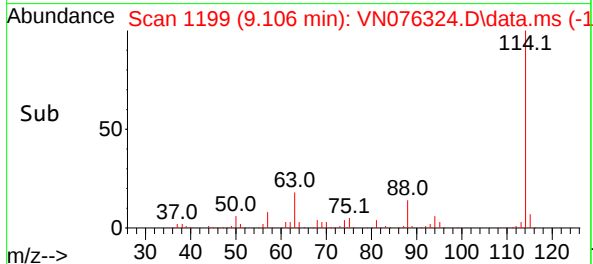
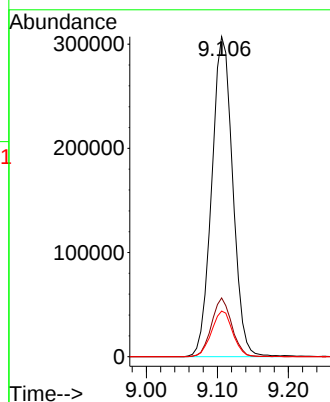
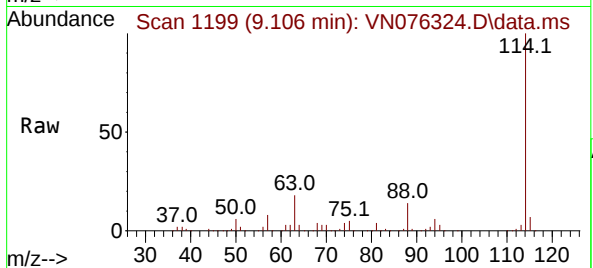
Tgt Ion:114 Resp: 629545

Ion Ratio Lower Upper

114 100

63 18.3 0.0 35.8

88 14.3 0.0 28.0



#35

Dibromofluoromethane

Concen: 47.711 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076324.D

Acq: 19 Jan 2023 15:43

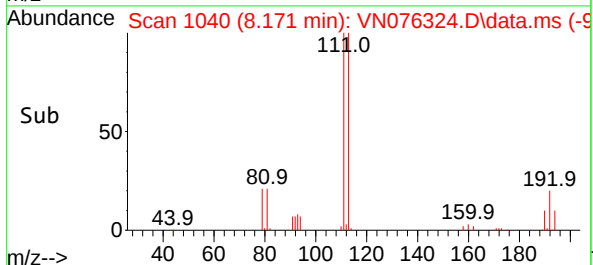
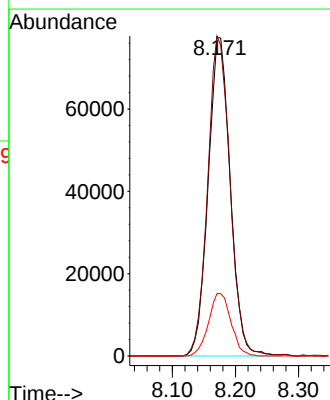
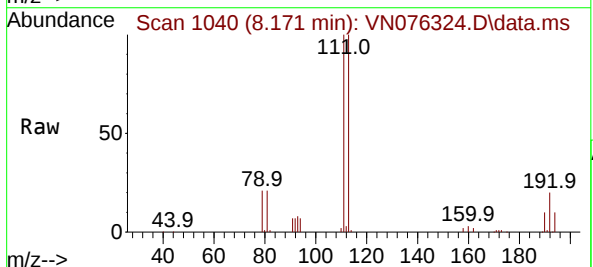
Tgt Ion:113 Resp: 187890

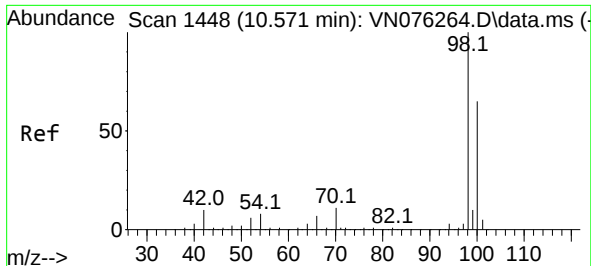
Ion Ratio Lower Upper

113 100

111 101.6 82.7 124.1

192 19.9 15.6 23.4

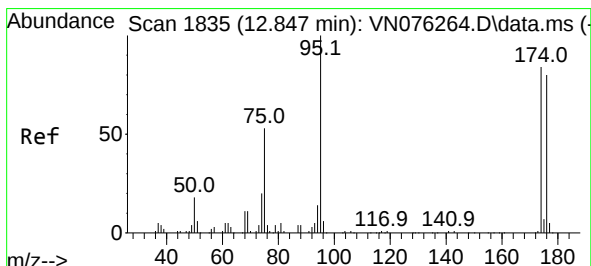
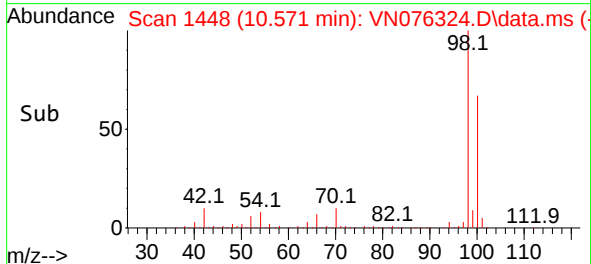
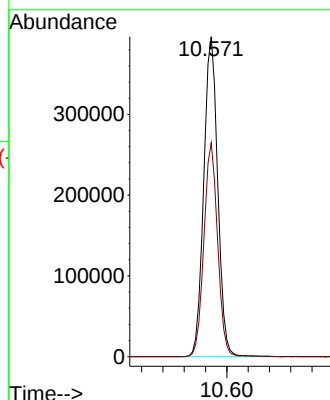
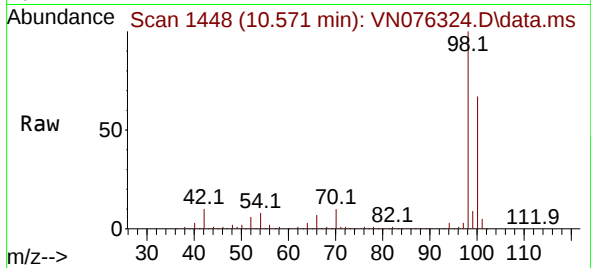




#50
Toluene-d8
Concen: 49.620 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076324.D
Acq: 19 Jan 2023 15:43

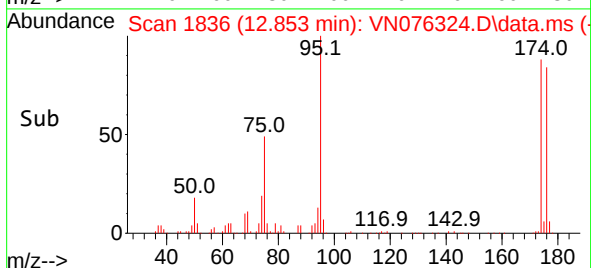
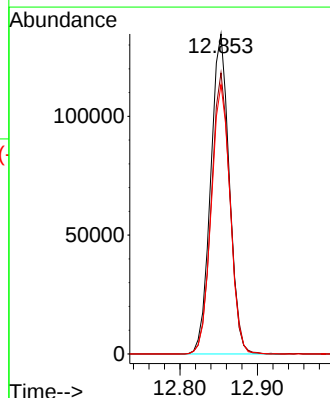
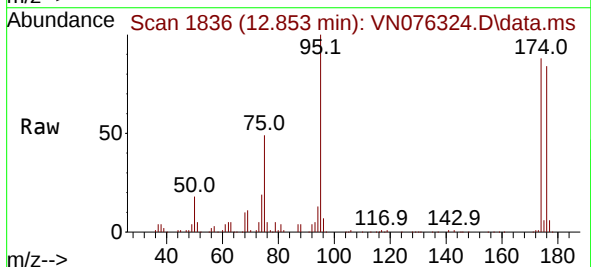
Instrument :
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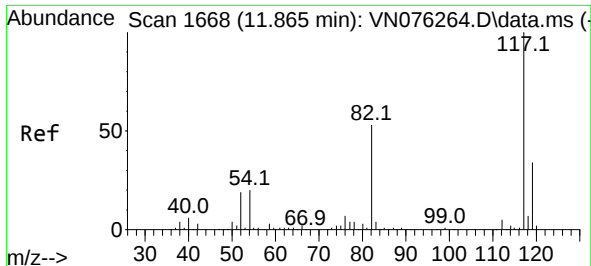
Tgt Ion: 98 Resp: 721659
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 47.278 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076324.D
Acq: 19 Jan 2023 15:43

Tgt Ion: 95 Resp: 224470
Ion Ratio Lower Upper
95 100
174 87.9 0.0 174.6
176 85.2 0.0 167.8

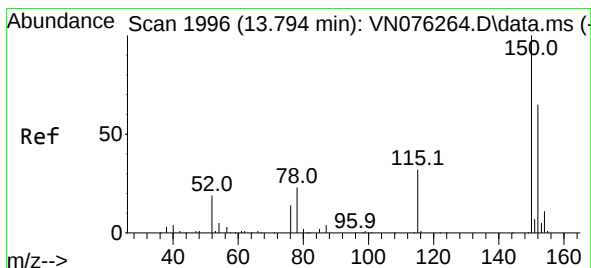
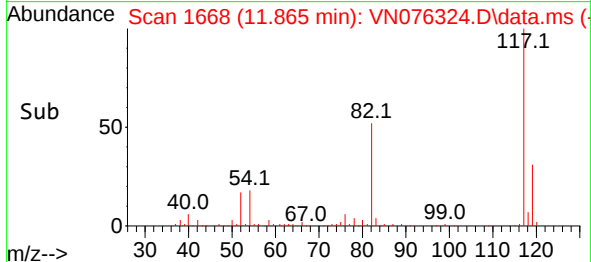
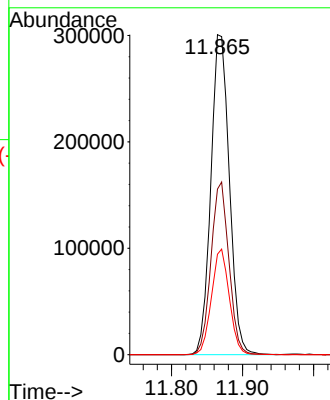
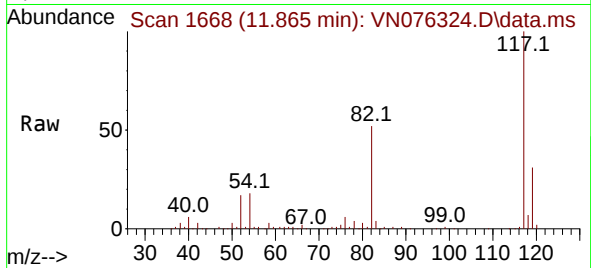




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076324.D
Acq: 19 Jan 2023 15:43

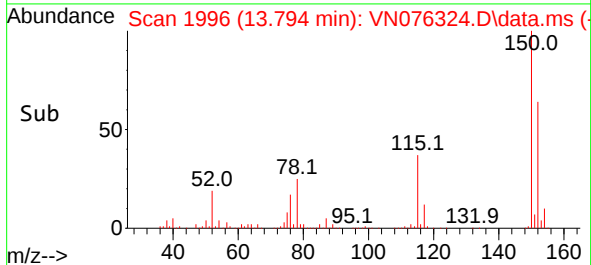
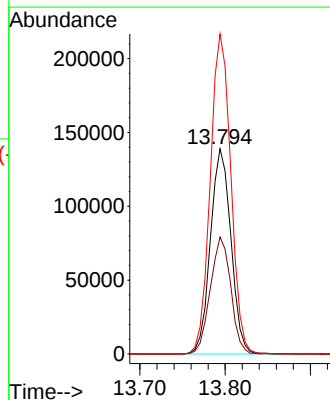
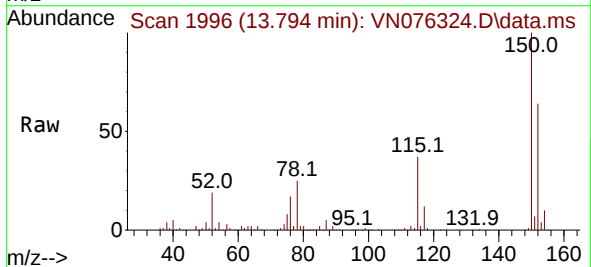
Instrument :
MSVOA_N
ClientSampleId :
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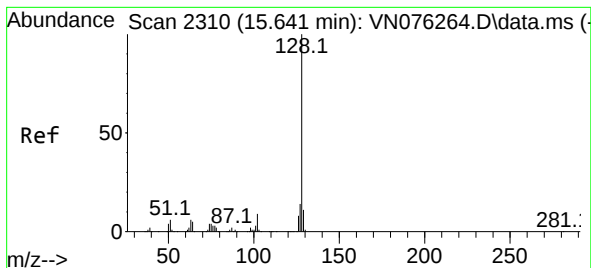
Tgt Ion:117 Resp: 544110
Ion Ratio Lower Upper
117 100
82 51.7 42.2 63.2
119 31.4 26.9 40.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076324.D
Acq: 19 Jan 2023 15:43

Tgt Ion:152 Resp: 231918
Ion Ratio Lower Upper
152 100
115 56.9 29.6 88.9
150 156.4 0.0 351.4





#95

Naphthalene

Concen: 2.125 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN076324.D

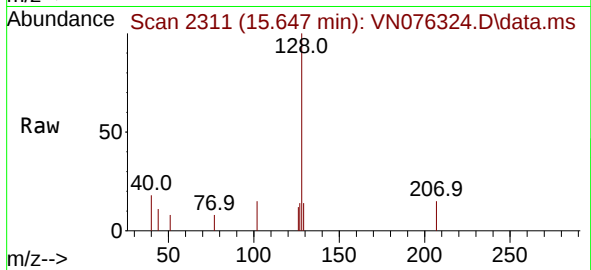
Acq: 19 Jan 2023 15:43

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK



Tgt Ion:128 Resp: 3574

Ion Ratio Lower Upper

128 100

127 7.8 10.3 15.5#

129 9.3 8.6 13.0

