

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011923\
 Data File : VN076322.D
 Acq On : 19 Jan 2023 14:55
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jan 20 00:57:01 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)

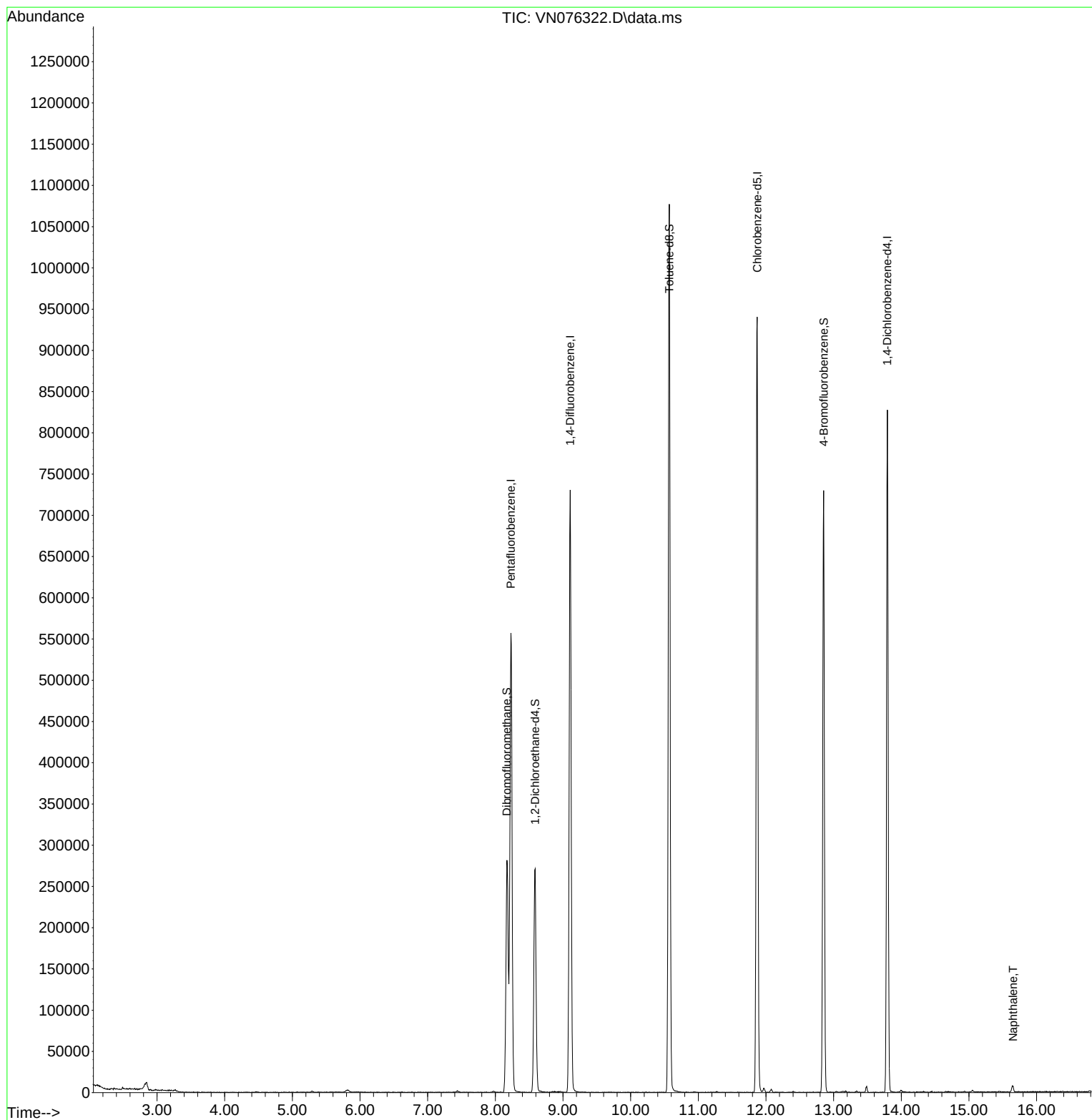
Internal Standards						
1) Pentafluorobenzene	8.230	168	435817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	676281	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	584886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	232272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	221999	45.494	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.980%
35) Dibromofluoromethane	8.171	113	200601	47.419	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.840%
50) Toluene-d8	10.571	98	770008	49.285	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.580%
62) 4-Bromofluorobenzene	12.853	95	239915	47.039	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.080%
Target Compounds						
95) Naphthalene	15.653	128	8345	2.505	ug/l	Qvalue # 95

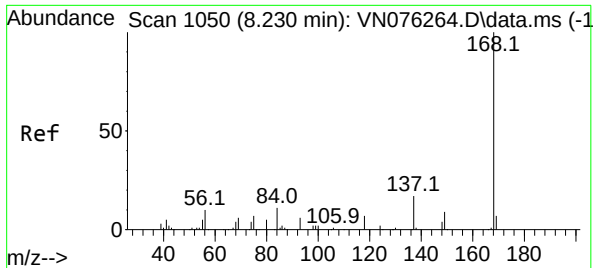
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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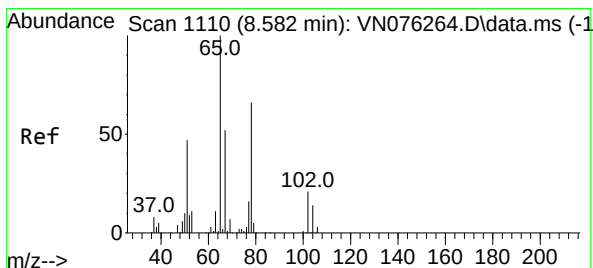
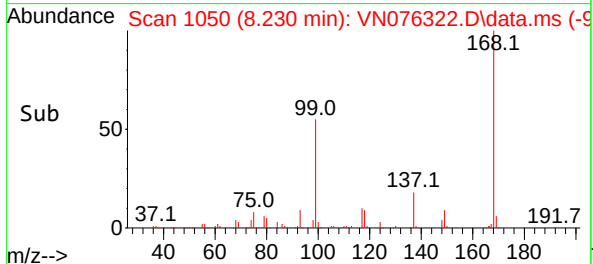
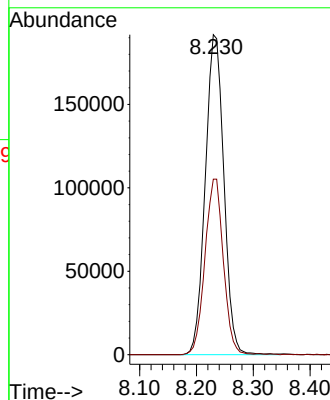
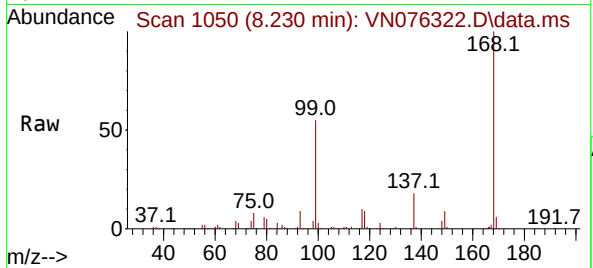




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076322.D
Acq: 19 Jan 2023 14:55

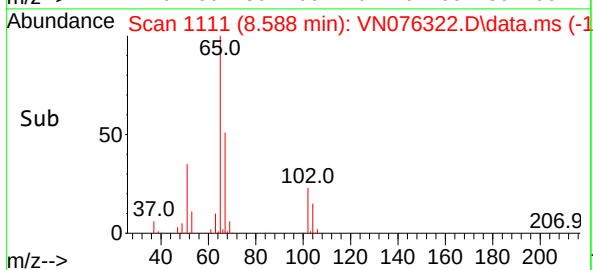
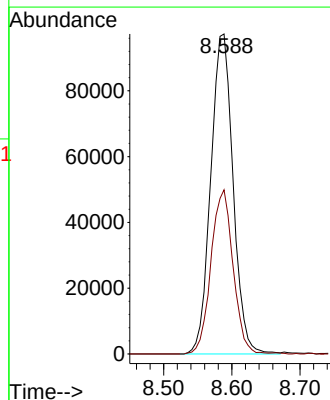
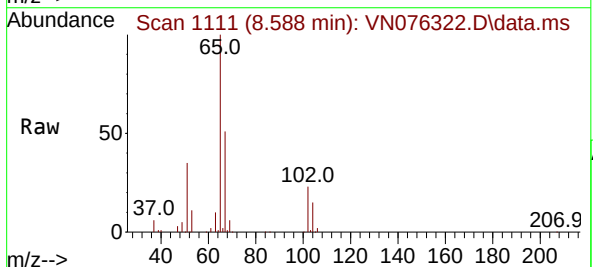
Instrument :
MSVOA_N
ClientSampleId :
IBLK

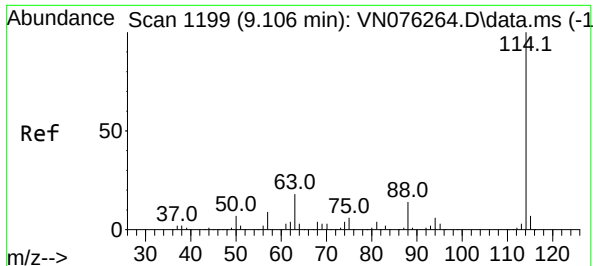
Tgt Ion:168 Resp: 435817
Ion Ratio Lower Upper
168 100
99 54.9 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 45.494 ug/l
RT: 8.588 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VN076322.D
Acq: 19 Jan 2023 14:55

Tgt Ion: 65 Resp: 221999
Ion Ratio Lower Upper
65 100
67 50.5 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: VN076322.D

Acq: 19 Jan 2023 14:55

Instrument :

MSVOA_N

ClientSampleId :

IBLK

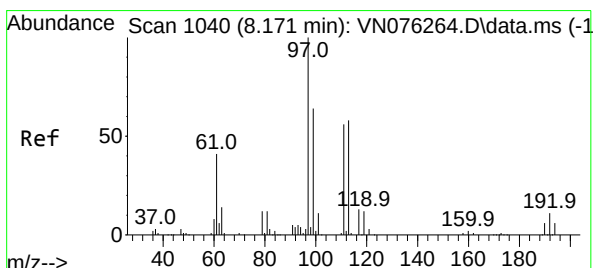
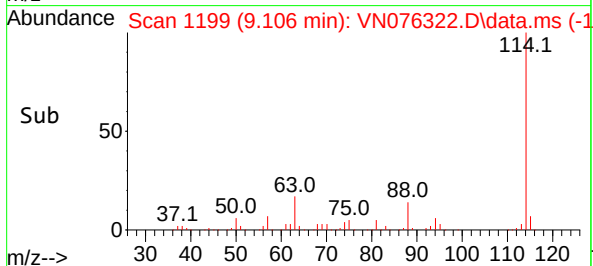
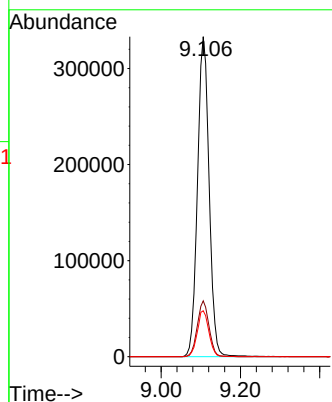
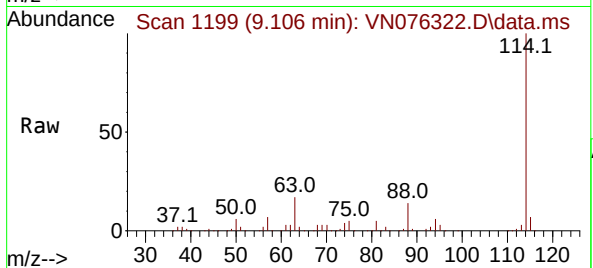
Tgt Ion:114 Resp: 676281

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.8

88 14.3 0.0 28.0



#35

Dibromofluoromethane

Concen: 47.419 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076322.D

Acq: 19 Jan 2023 14:55

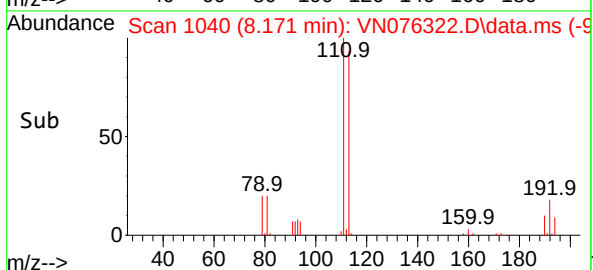
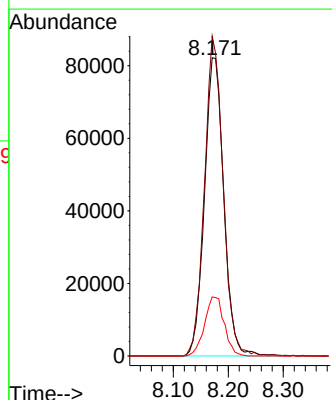
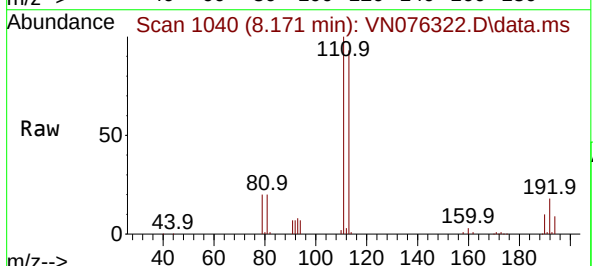
Tgt Ion:113 Resp: 200601

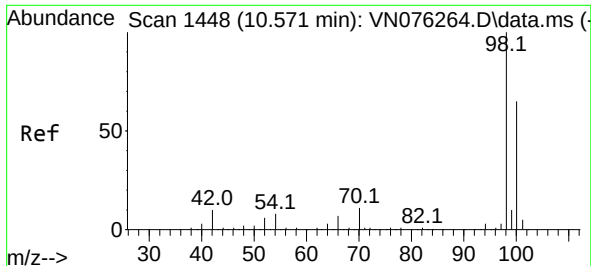
Ion Ratio Lower Upper

113 100

111 103.9 82.7 124.1

192 20.1 15.6 23.4

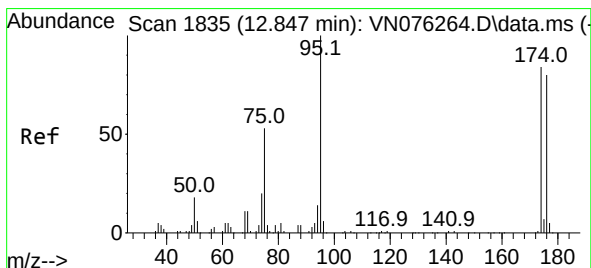
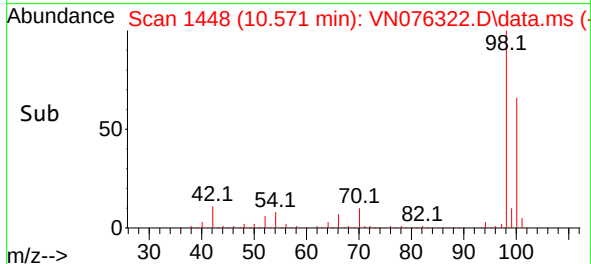
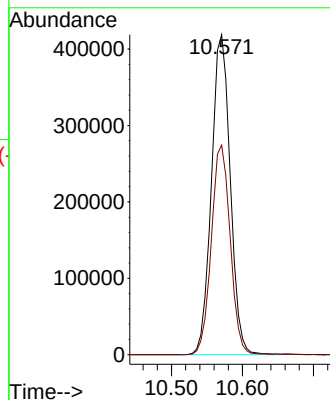
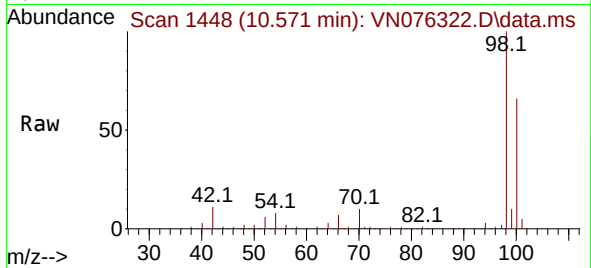




#50
Toluene-d8
Concen: 49.285 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076322.D
Acq: 19 Jan 2023 14:55

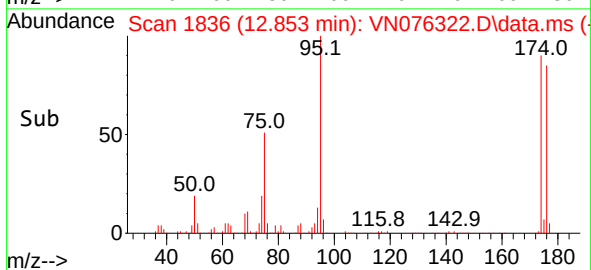
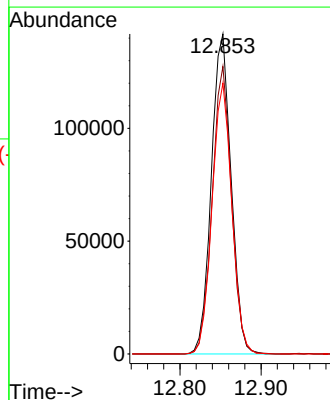
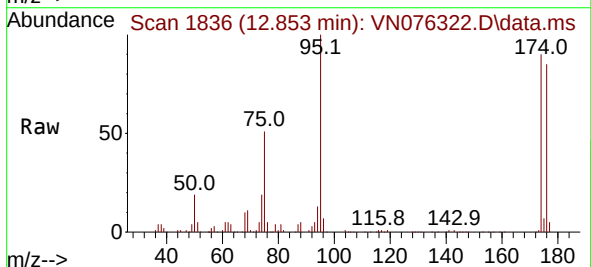
Instrument :
MSVOA_N
ClientSampleId :
IBLK

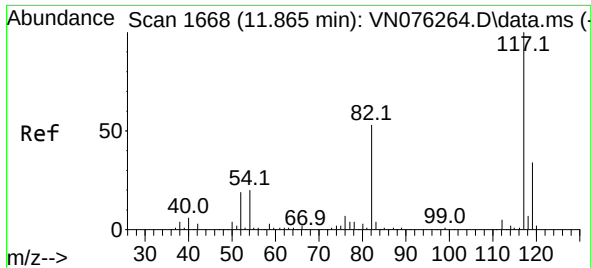
Tgt Ion: 98 Resp: 770008
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 47.039 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076322.D
Acq: 19 Jan 2023 14:55

Tgt Ion: 95 Resp: 239915
Ion Ratio Lower Upper
95 100
174 87.7 0.0 174.6
176 84.6 0.0 167.8

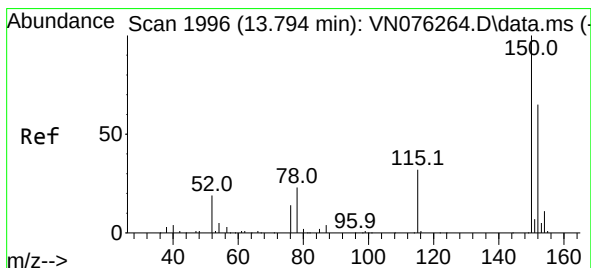
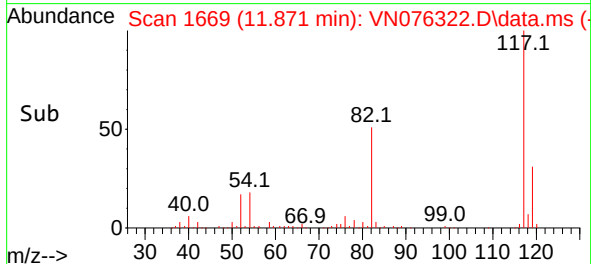
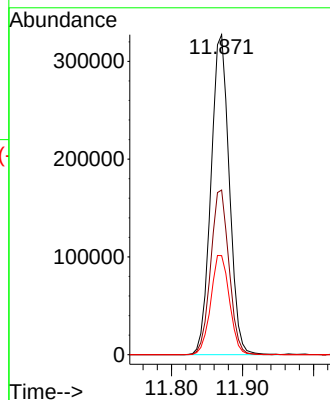
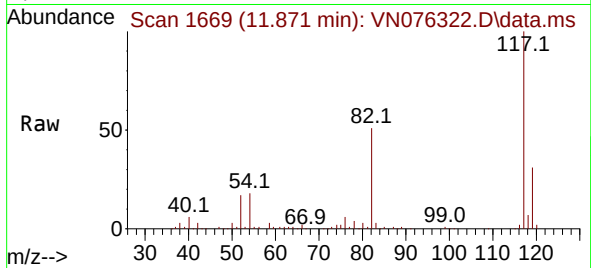




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076322.D
Acq: 19 Jan 2023 14:55

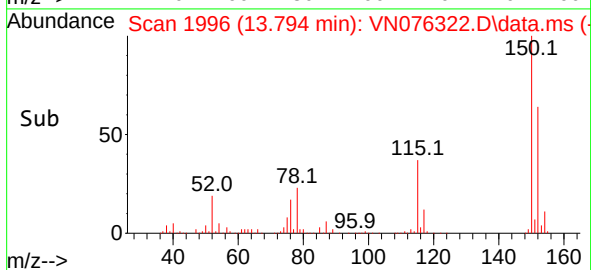
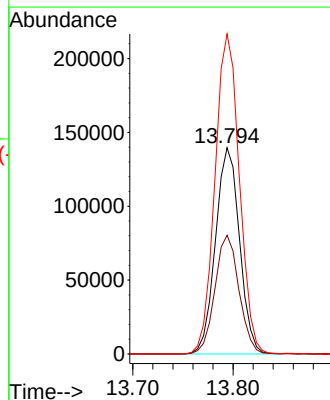
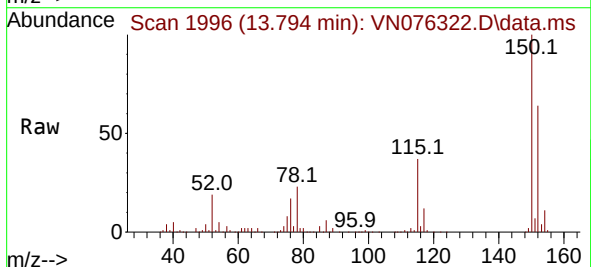
Instrument :
MSVOA_N
ClientSampleId :
IBLK

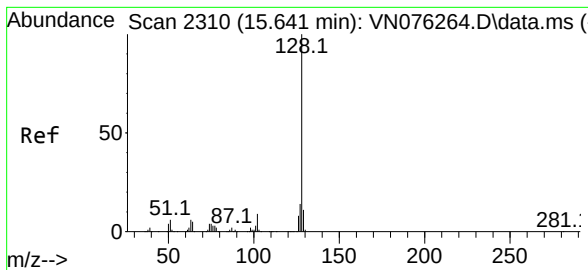
Tgt Ion:117 Resp: 584886
Ion Ratio Lower Upper
117 100
82 51.4 42.2 63.2
119 31.0 26.9 40.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN076322.D
Acq: 19 Jan 2023 14:55

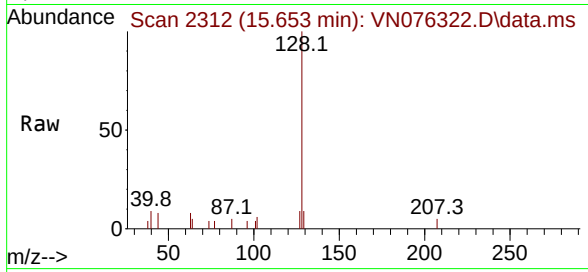
Tgt Ion:152 Resp: 232272
Ion Ratio Lower Upper
152 100
115 57.7 29.6 88.9
150 157.6 0.0 351.4





#95
Naphthalene
Concen: 2.505 ug/l
RT: 15.653 min Scan# 21
Delta R.T. 0.012 min
Lab File: VN076322.D
Acq: 19 Jan 2023 14:55

Instrument :
MSVOA_N
ClientSampleId :
IBLK



Tgt Ion:	128	Resp:	8345
Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.3	15.5
129	8.1	8.6	13.0

