

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011623\
 Data File : VN076266.D
 Acq On : 16 Jan 2023 12:53
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jan 16 13:24:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 16 12:54:16 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	300166	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	475223	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	398671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	156787	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	160681	47.809	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.620%
35) Dibromofluoromethane	8.171	113	142136	47.813	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.620%
50) Toluene-d8	10.571	98	532592	48.512	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.020%
62) 4-Bromofluorobenzene	12.853	95	161714	45.121	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.240%

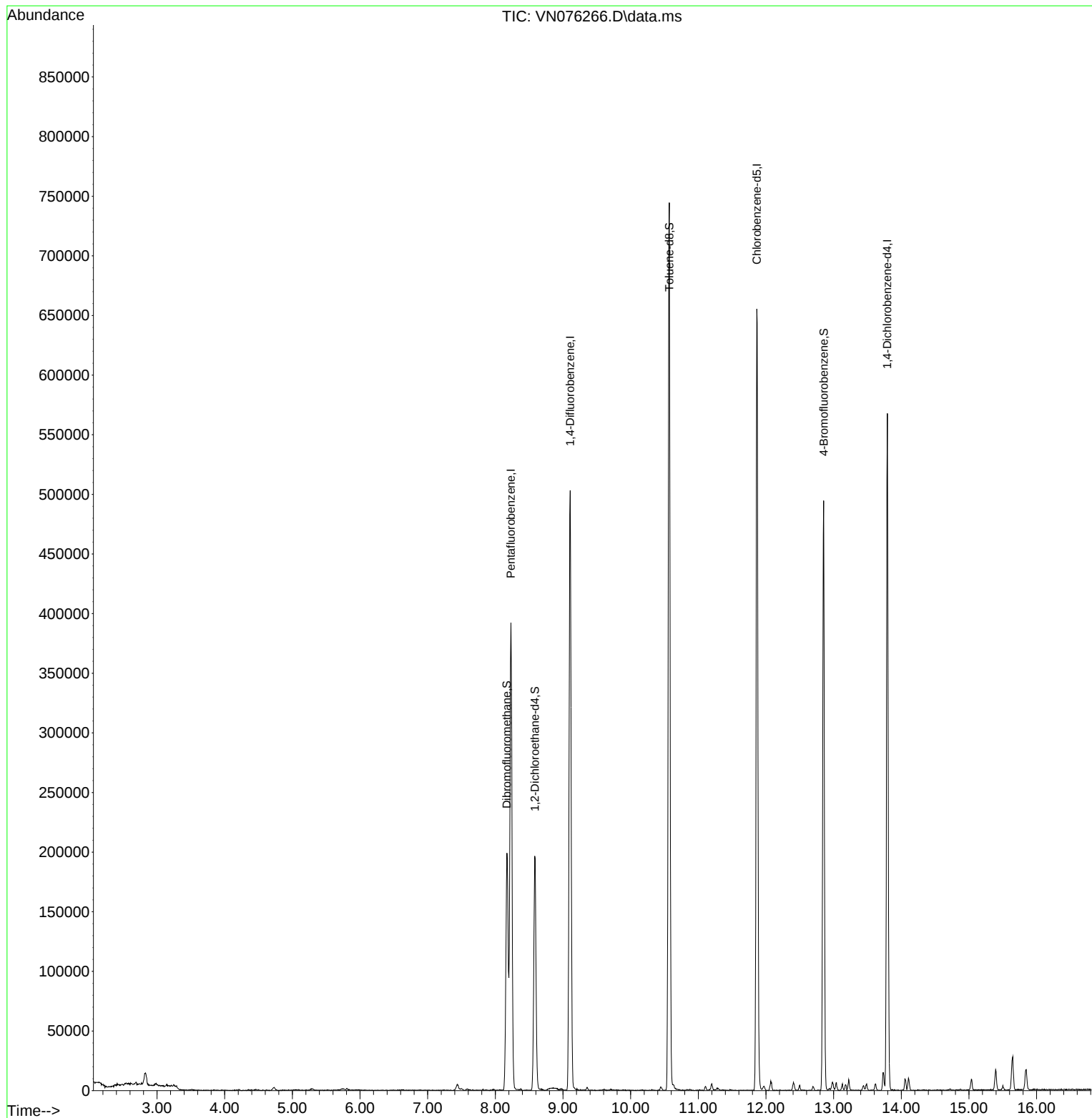
Target Compounds	Qvalue

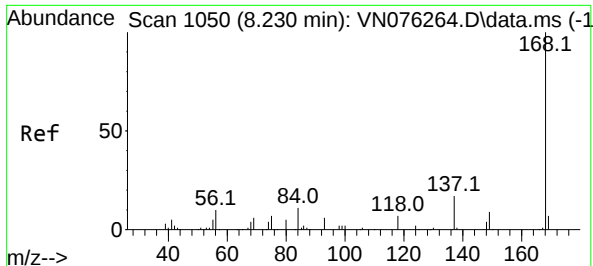
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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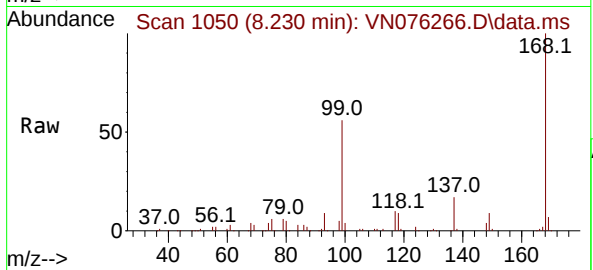
Quant Time: Jan 16 13:24:15 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 16 12:54:16 2023
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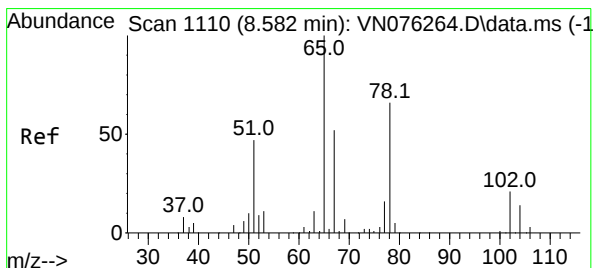
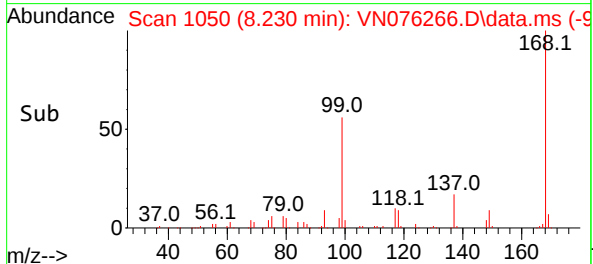
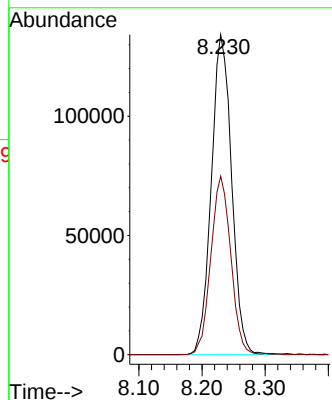


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076266.D
Acq: 16 Jan 2023 12:53

Instrument :
MSVOA_N
ClientSampleId :
IBLK

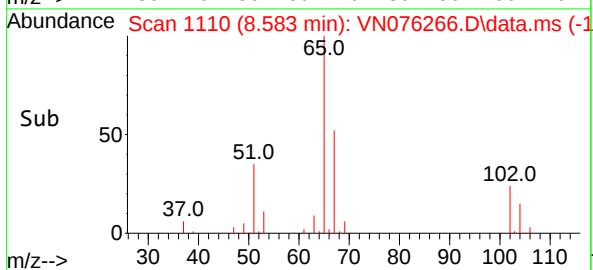
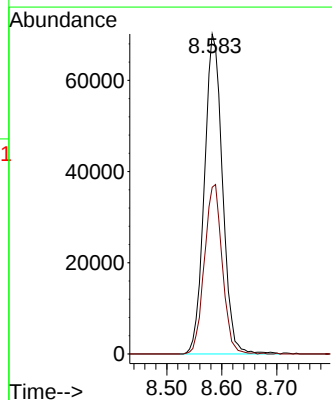
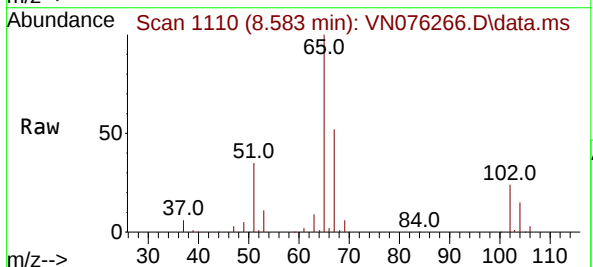


Tgt Ion:168 Resp: 300166
Ion Ratio Lower Upper
168 100
99 55.8 41.6 62.4



#33
1,2-Dichloroethane-d4
Concen: 47.809 ug/l
RT: 8.583 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076266.D
Acq: 16 Jan 2023 12:53

Tgt Ion: 65 Resp: 160681
Ion Ratio Lower Upper
65 100
67 52.1 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: VN076266.D

Acq: 16 Jan 2023 12:53

Instrument :

MSVOA_N

ClientSampleId :

IBLK

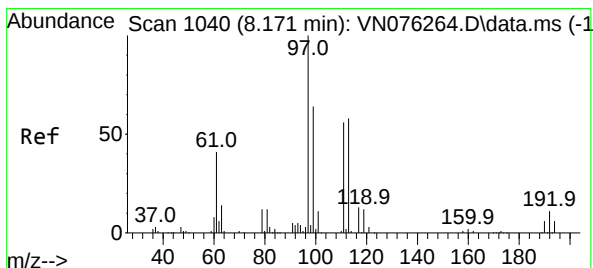
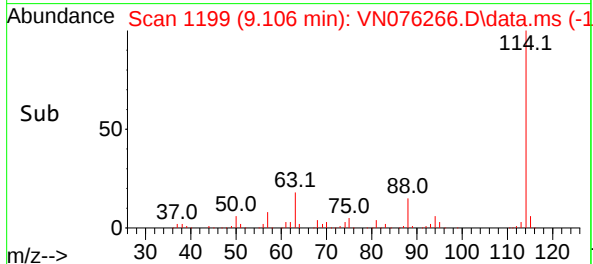
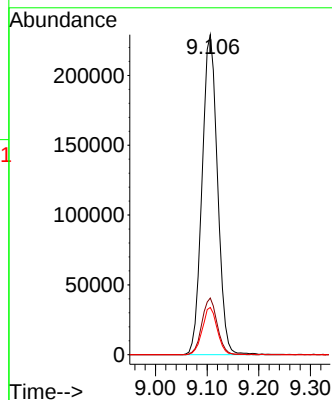
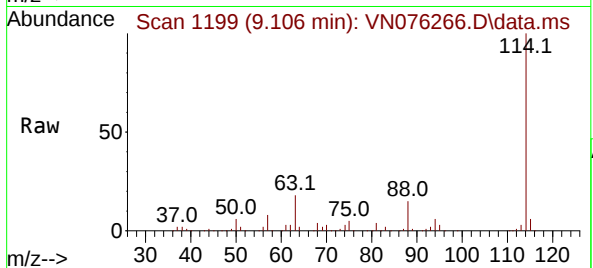
Tgt Ion:114 Resp: 475223

Ion Ratio Lower Upper

114 100

63 17.7 0.0 35.8

88 14.7 0.0 28.0



#35

Dibromofluoromethane

Concen: 47.813 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VN076266.D

Acq: 16 Jan 2023 12:53

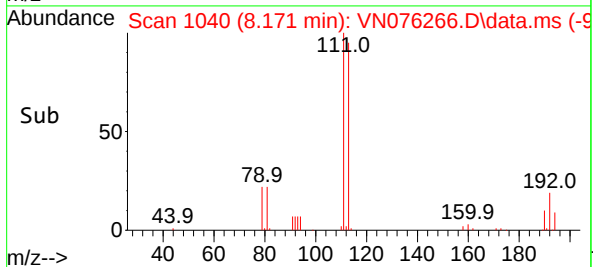
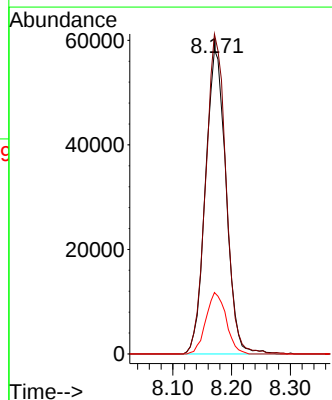
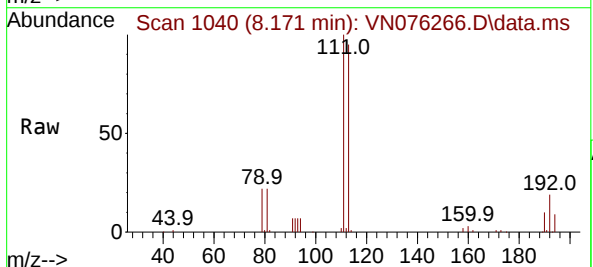
Tgt Ion:113 Resp: 142136

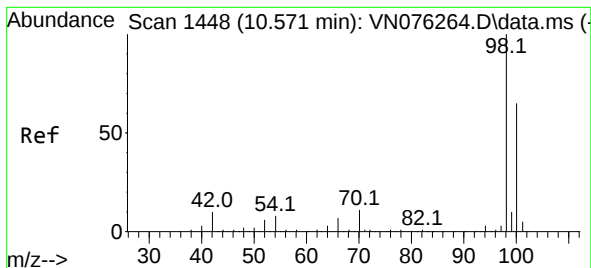
Ion Ratio Lower Upper

113 100

111 103.3 82.7 124.1

192 19.8 15.6 23.4





#50

Toluene-d8

Concen: 48.512 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VN076266.D

Acq: 16 Jan 2023 12:53

Instrument :

MSVOA_N

ClientSampleId :

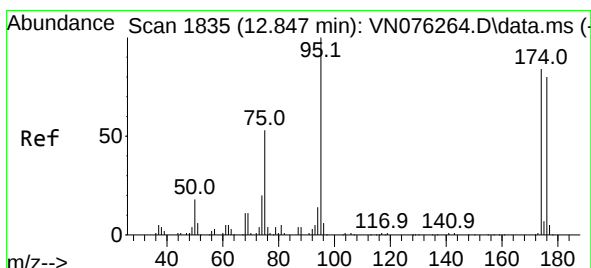
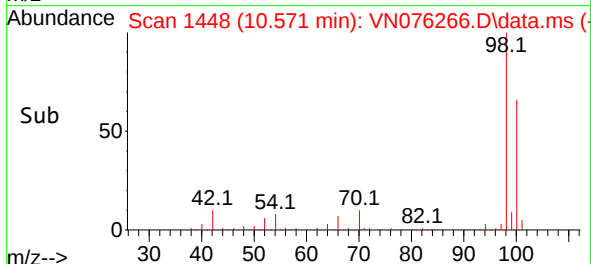
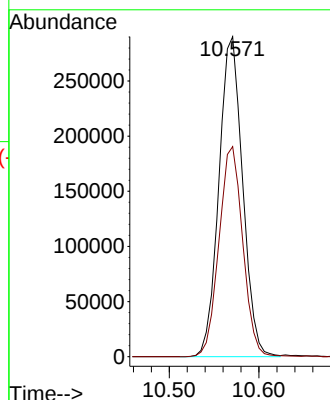
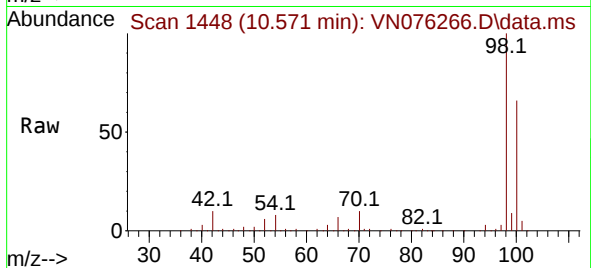
IBLK

Tgt Ion: 98 Resp: 532592

Ion Ratio Lower Upper

98 100

100 65.9 52.2 78.4



#62

4-Bromofluorobenzene

Concen: 45.121 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.006 min

Lab File: VN076266.D

Acq: 16 Jan 2023 12:53

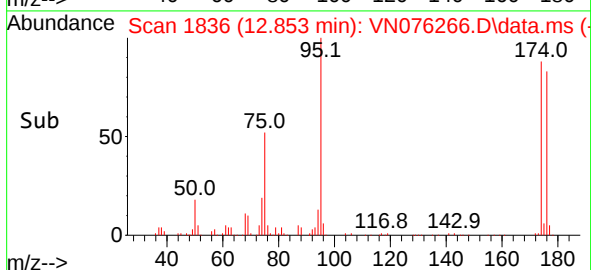
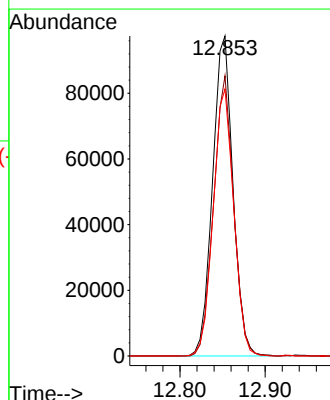
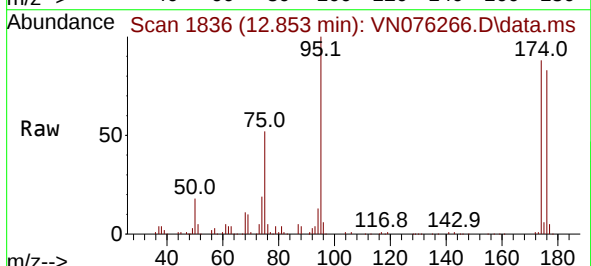
Tgt Ion: 95 Resp: 161714

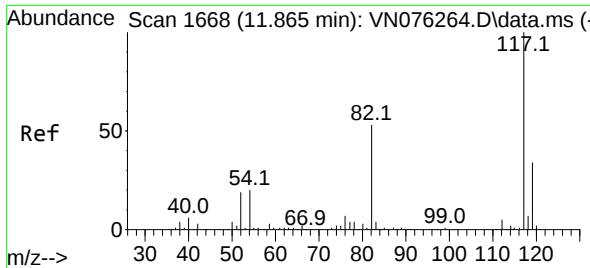
Ion Ratio Lower Upper

95 100

174 86.4 0.0 174.6

176 84.1 0.0 167.8

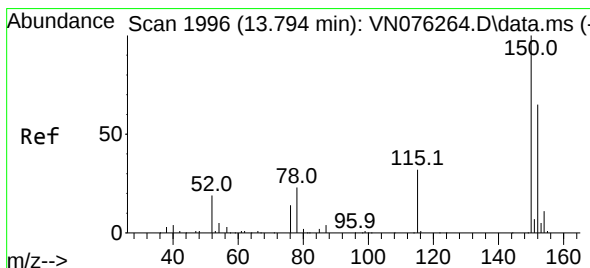
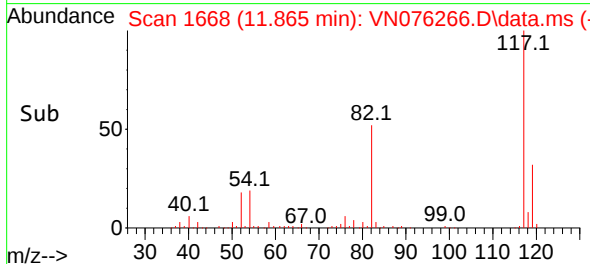
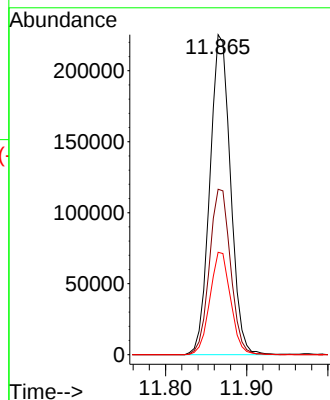
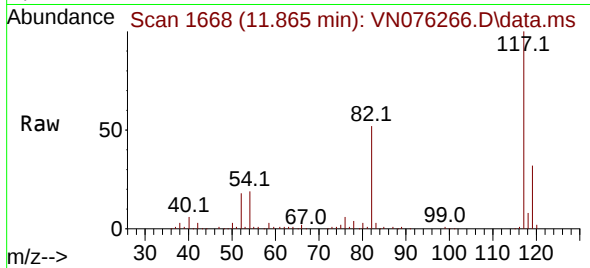




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN076266.D
Acq: 16 Jan 2023 12:53

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 398671
Ion Ratio Lower Upper
117 100
82 51.7 42.2 63.2
119 32.0 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: VN076266.D
Acq: 16 Jan 2023 12:53

Tgt Ion:152 Resp: 156787
Ion Ratio Lower Upper
152 100
115 57.4 29.6 88.9
150 156.1 0.0 351.4

