

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051222\
 Data File : VN072448.D
 Acq On : 12 May 2022 13:19
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 13 02:43:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	184703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	339950	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	390994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	181489	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	147505	52.140	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	104.280%
35) Dibromofluoromethane	8.022	113	110298	48.768	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.540%
50) Toluene-d8	10.439	98	433265	50.300	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.600%
62) 4-Bromofluorobenzene	12.727	95	193094	67.501	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	135.000%

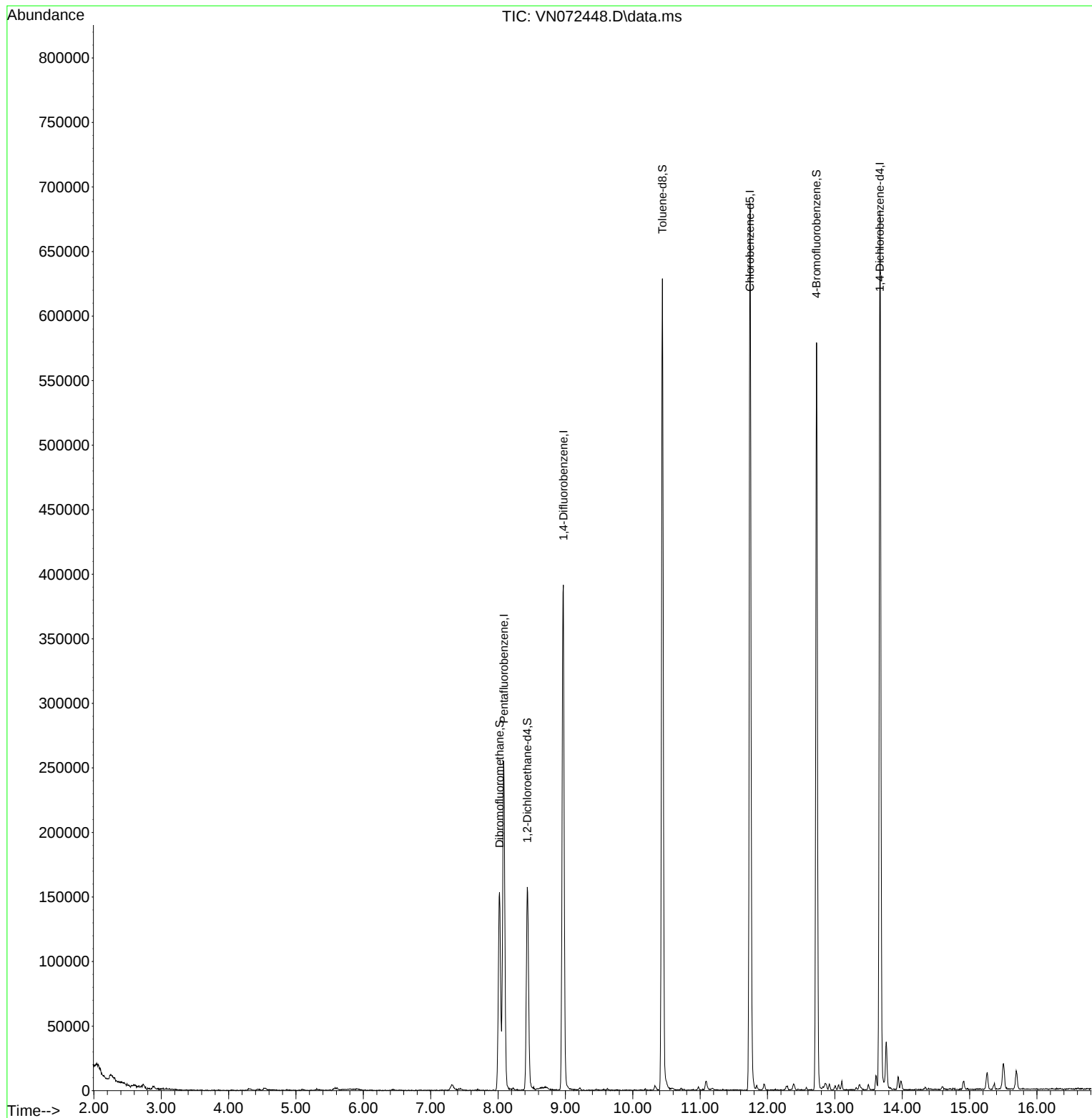
Target Compounds	Qvalue

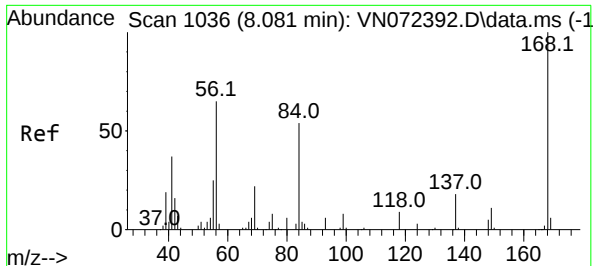
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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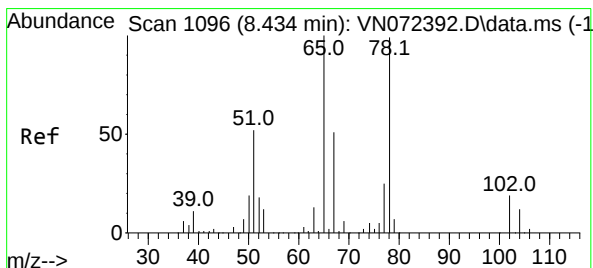
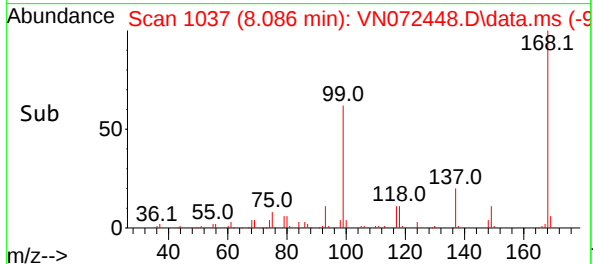
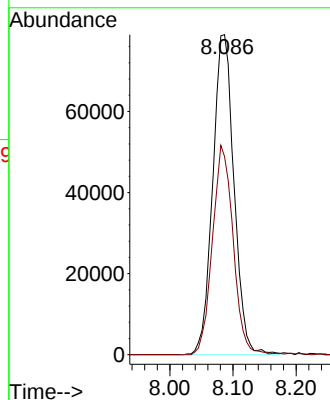
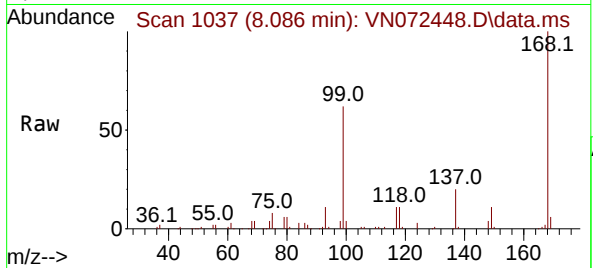




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
Lab File: VN072448.D
Acq: 12 May 2022 13:19

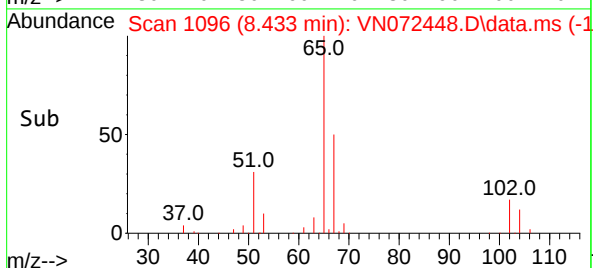
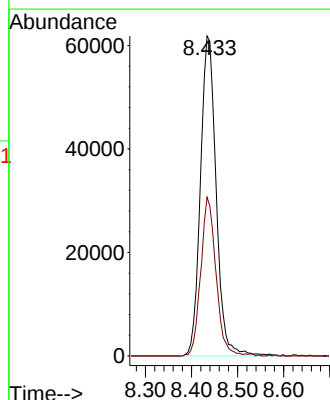
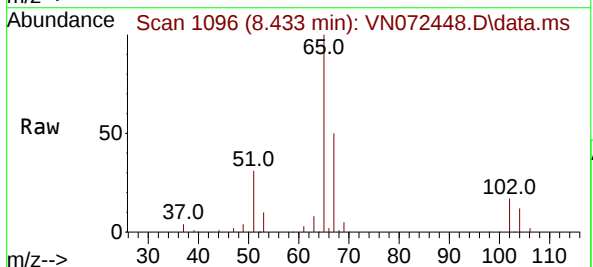
Instrument :
MSVOA_N
ClientSampleId :
IBLK

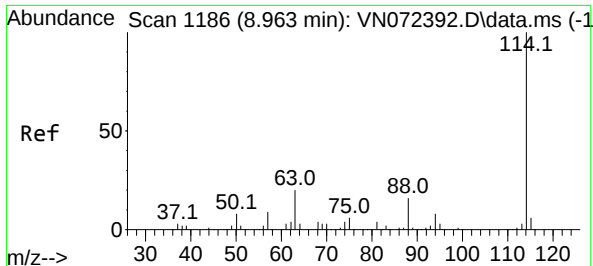
Tgt Ion:168 Resp: 184703
Ion Ratio Lower Upper
168 100
99 62.0 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 52.140 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072448.D
Acq: 12 May 2022 13:19

Tgt Ion: 65 Resp: 147505
Ion Ratio Lower Upper
65 100
67 47.9 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.969 min Scan# 1186

Delta R.T. 0.006 min

Lab File: VN072448.D

Acq: 12 May 2022 13:19

Instrument :

MSVOA_N

ClientSampleId :

IBLK

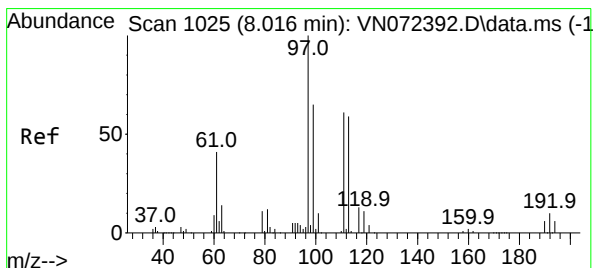
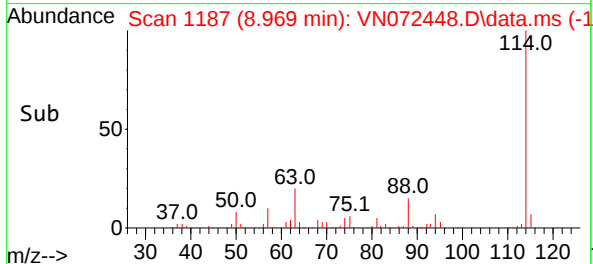
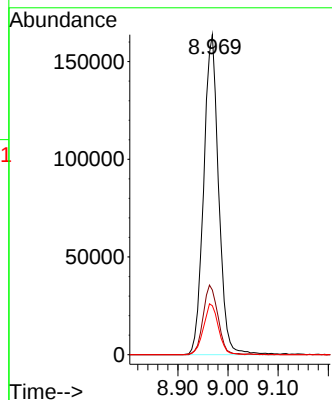
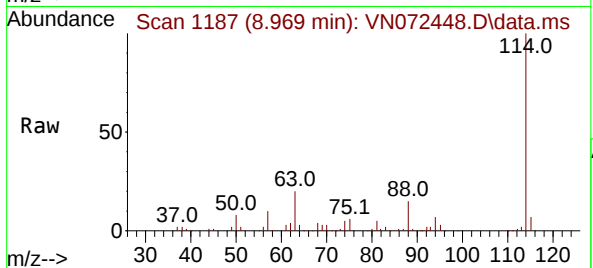
Tgt Ion:114 Resp: 339950

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.0

88 15.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.768 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072448.D

Acq: 12 May 2022 13:19

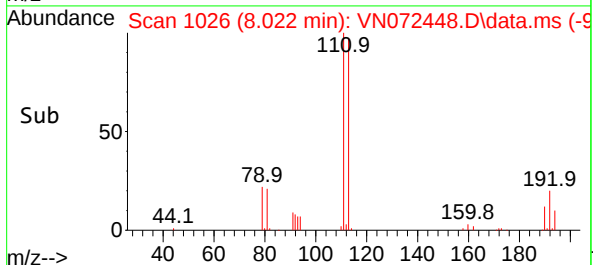
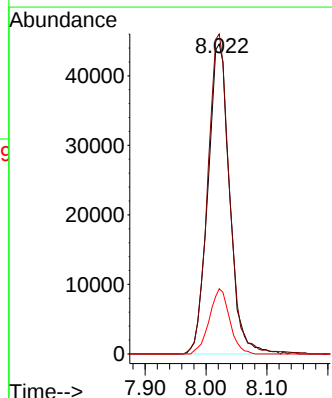
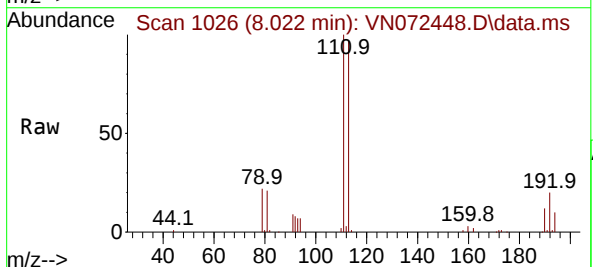
Tgt Ion:113 Resp: 110298

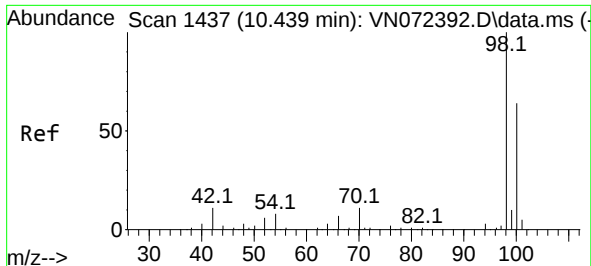
Ion Ratio Lower Upper

113 100

111 102.9 81.4 122.0

192 19.7 17.0 25.6

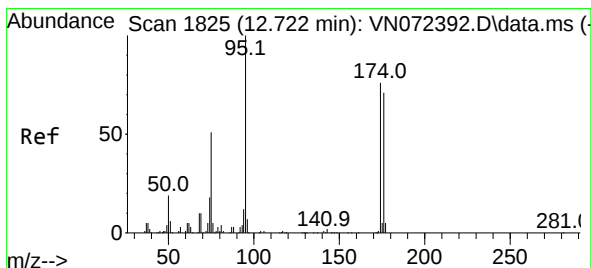
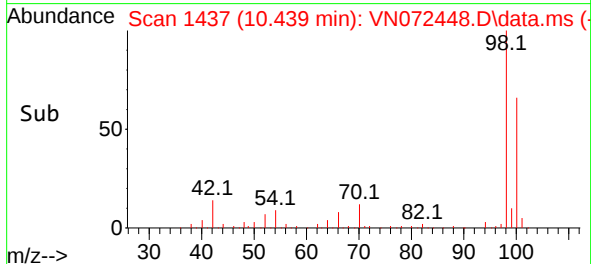
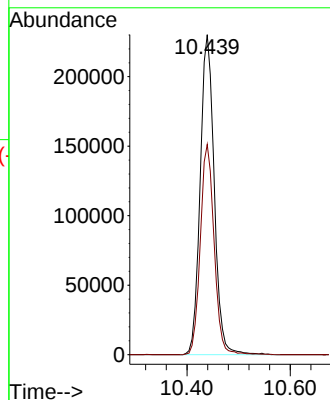
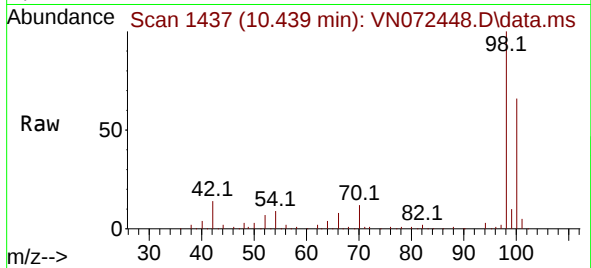




#50
Toluene-d8
Concen: 50.300 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072448.D
Acq: 12 May 2022 13:19

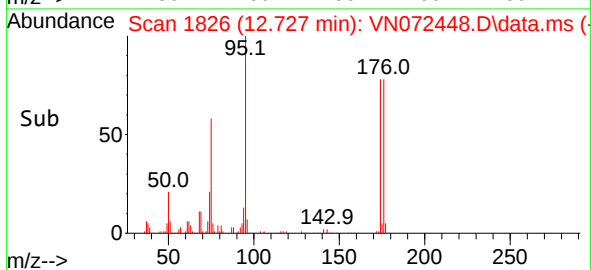
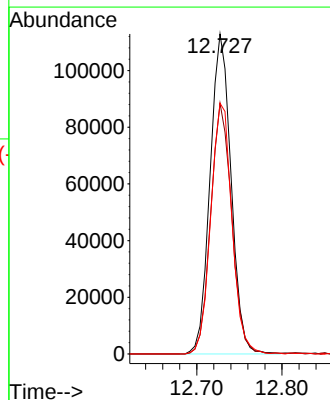
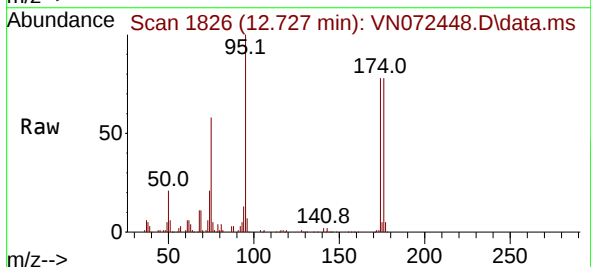
Instrument :
MSVOA_N
ClientSampleId :
IBLK

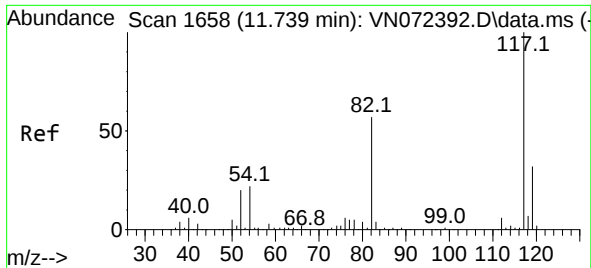
Tgt Ion: 98 Resp: 433265
Ion Ratio Lower Upper
98 100
100 64.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 67.501 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.005 min
Lab File: VN072448.D
Acq: 12 May 2022 13:19

Tgt Ion: 95 Resp: 193094
Ion Ratio Lower Upper
95 100
174 78.5 0.0 167.6
176 79.1 0.0 163.4

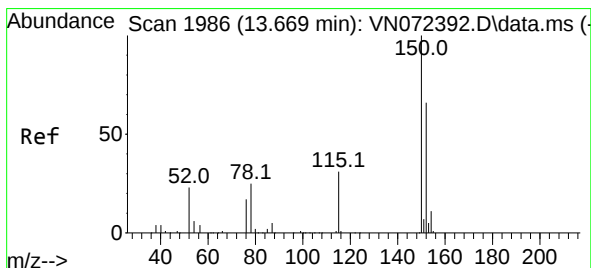
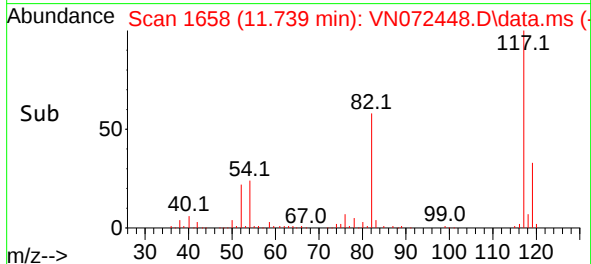
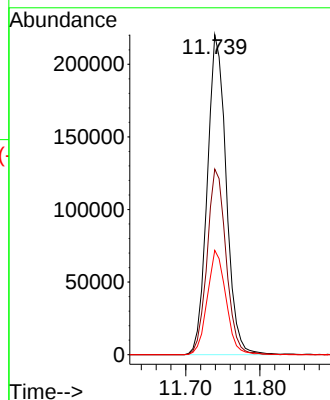
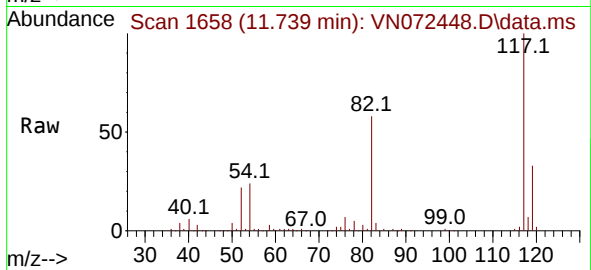




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072448.D
Acq: 12 May 2022 13:19

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 390994
Ion Ratio Lower Upper
117 100
82 58.0 44.2 66.2
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072448.D
Acq: 12 May 2022 13:19

Tgt Ion:152 Resp: 181489
Ion Ratio Lower Upper
152 100
115 59.9 28.9 86.7
150 157.9 0.0 356.2

