

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081722\
 Data File : VN073972.D
 Acq On : 17 Aug 2022 13:31
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Aug 18 00:43:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 00:45:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	677903	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	996362	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	963720	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	536184	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	318679	48.265	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.520%
35) Dibromofluoromethane	7.951	113	307239	52.142	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.280%
50) Toluene-d8	10.380	98	1068050	46.802	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.600%
62) 4-Bromofluorobenzene	12.669	95	462402	61.053	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	122.100%

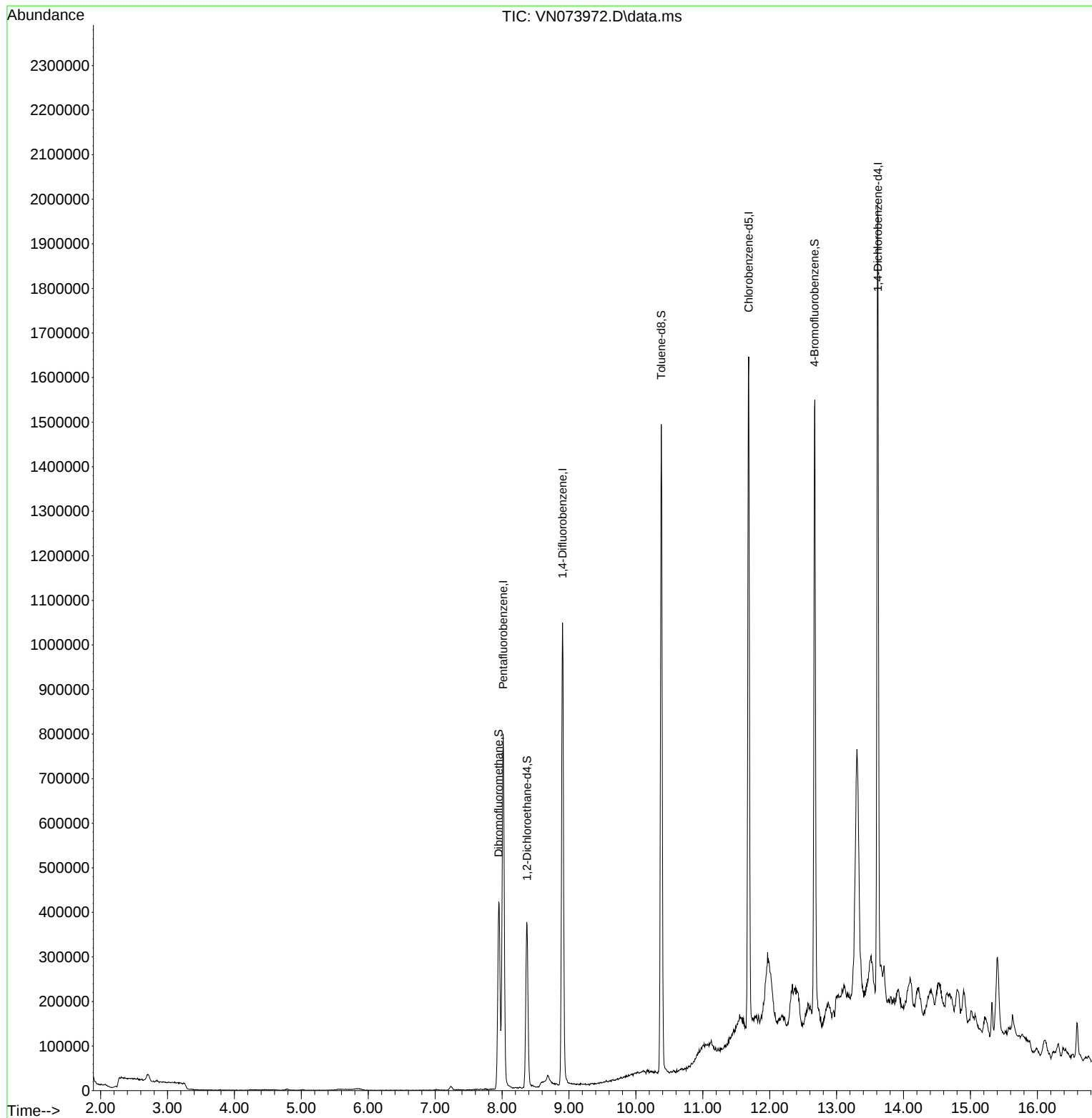
Target Compounds	Qvalue

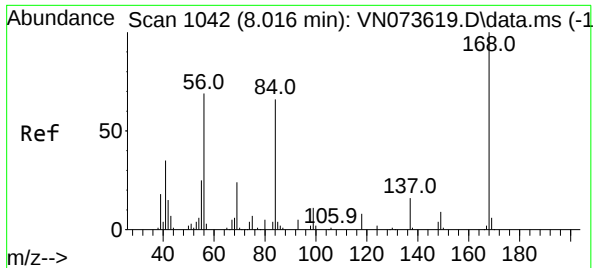
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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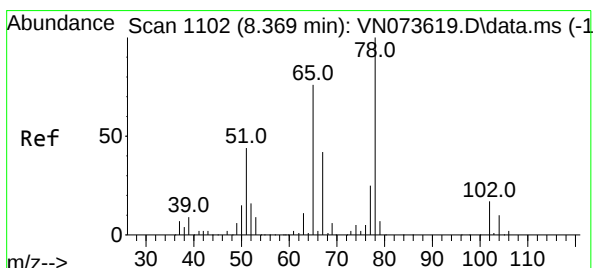
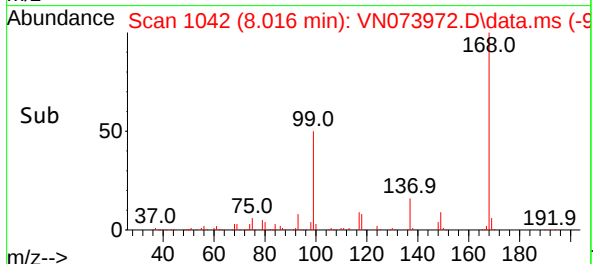
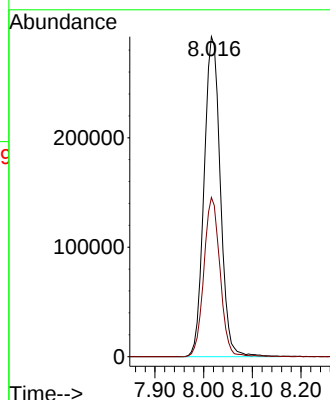
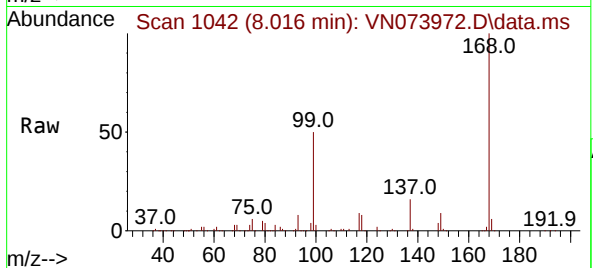




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VN073972.D
Acq: 17 Aug 2022 13:31

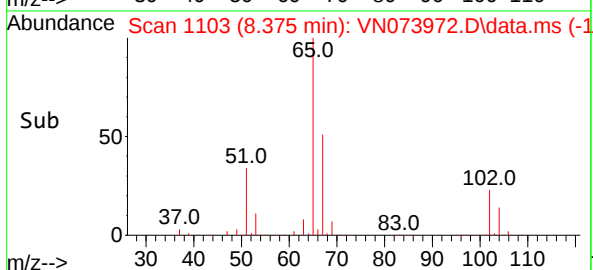
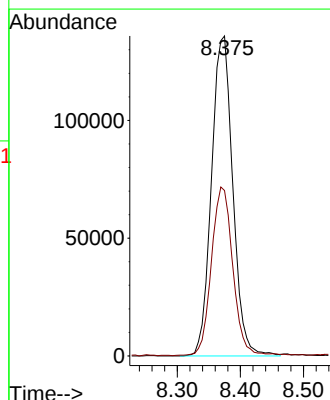
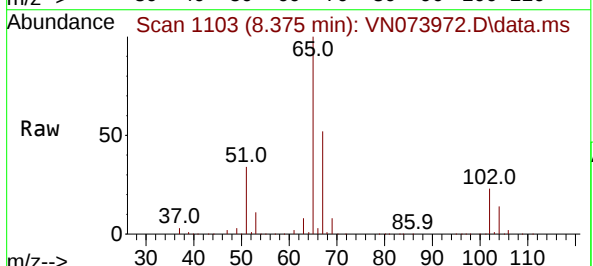
Instrument :
MSVOA_N
ClientSampleId :
IBLK

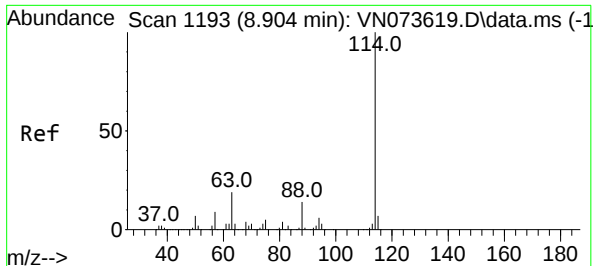
Tgt Ion:168 Resp: 677903
Ion Ratio Lower Upper
168 100
99 49.8 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 48.265 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073972.D
Acq: 17 Aug 2022 13:31

Tgt Ion: 65 Resp: 318679
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.000 min

Lab File: VN073972.D

Acq: 17 Aug 2022 13:31

Instrument :

MSVOA_N

ClientSampleId :

IBLK

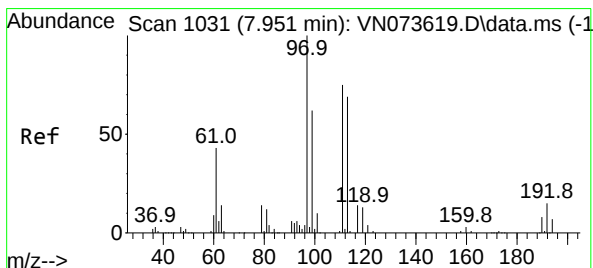
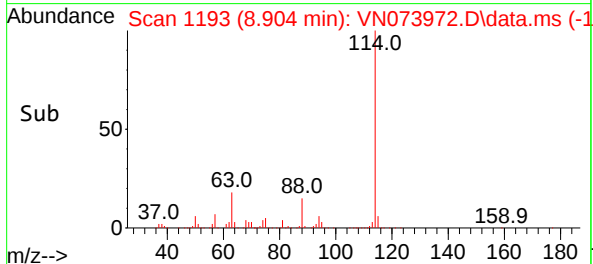
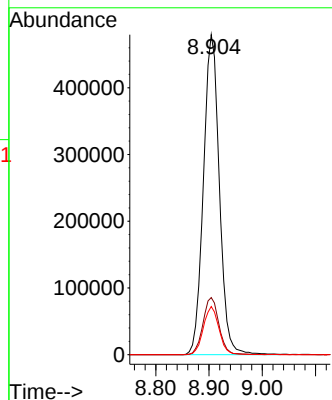
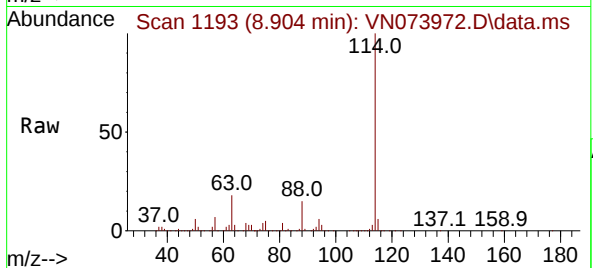
Tgt Ion:114 Resp: 996362

Ion Ratio Lower Upper

114 100

63 17.9 0.0 40.0

88 15.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 52.142 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073972.D

Acq: 17 Aug 2022 13:31

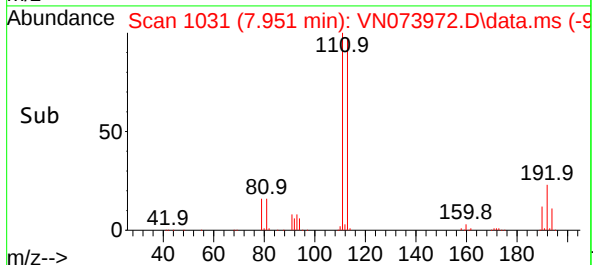
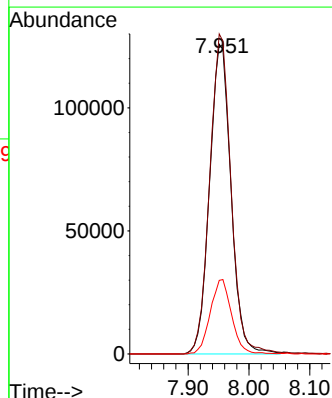
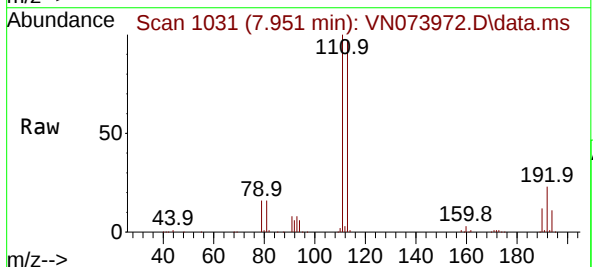
Tgt Ion:113 Resp: 307239

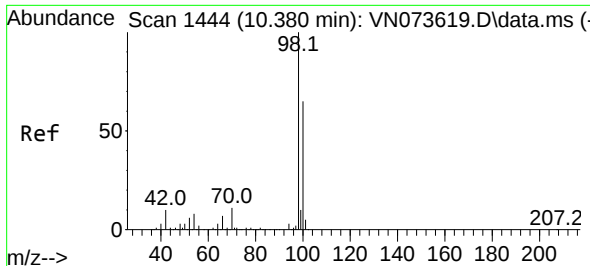
Ion Ratio Lower Upper

113 100

111 103.0 81.4 122.0

192 23.9 17.0 25.6

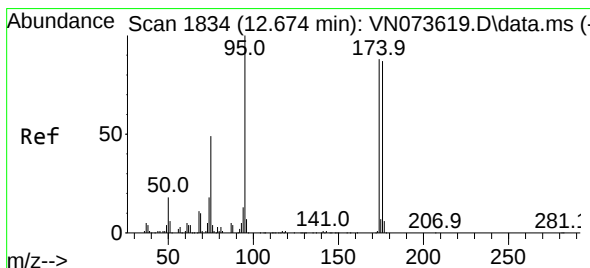
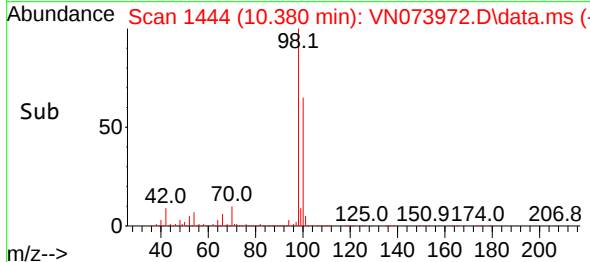
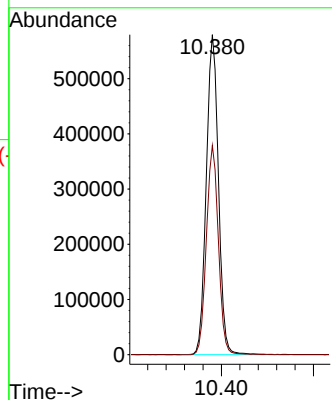
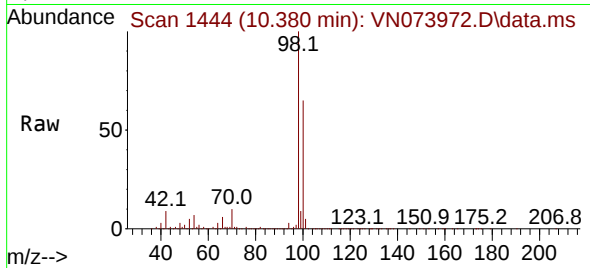




#50
Toluene-d8
Concen: 46.802 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN073972.D
Acq: 17 Aug 2022 13:31

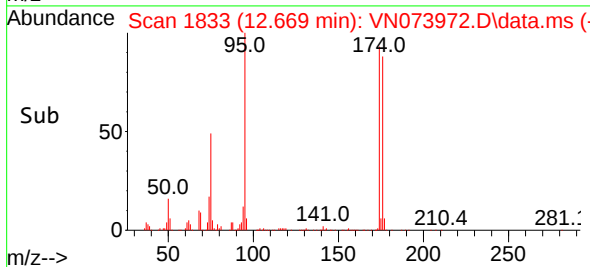
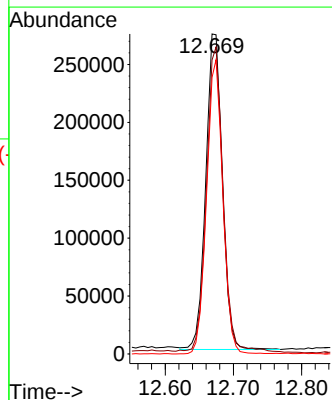
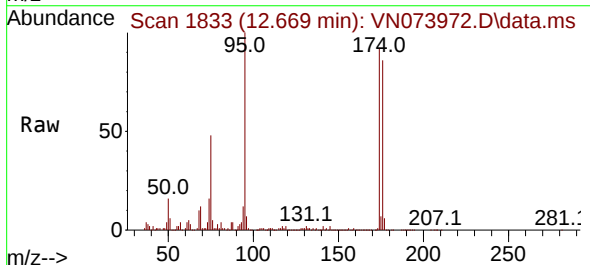
Instrument :
MSVOA_N
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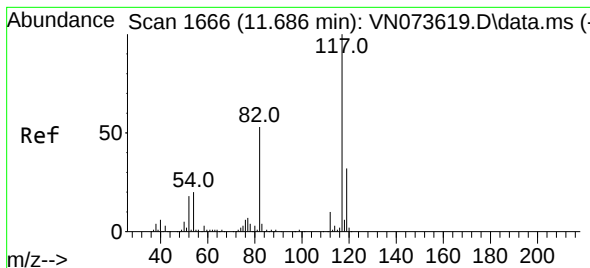
Tgt Ion: 98 Resp: 1068050
Ion Ratio Lower Upper
98 100
100 64.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 61.053 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.005 min
Lab File: VN073972.D
Acq: 17 Aug 2022 13:31

Tgt Ion: 95 Resp: 462402
Ion Ratio Lower Upper
95 100
174 99.1 0.0 167.6
176 90.9 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073972.D

Acq: 17 Aug 2022 13:31

Instrument :

MSVOA_N

ClientSampleId :

IBLK

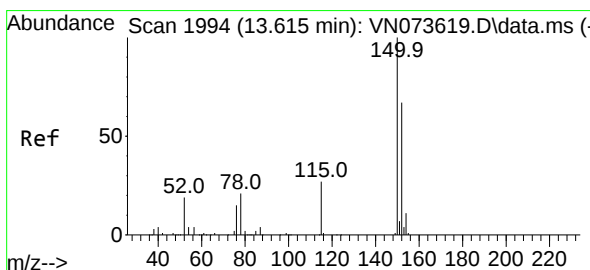
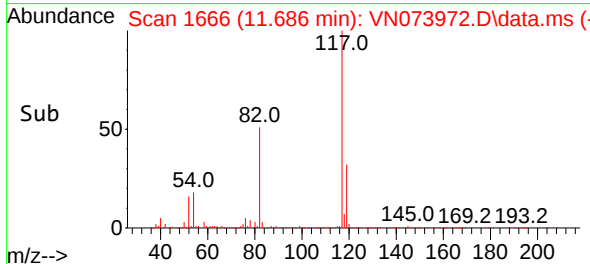
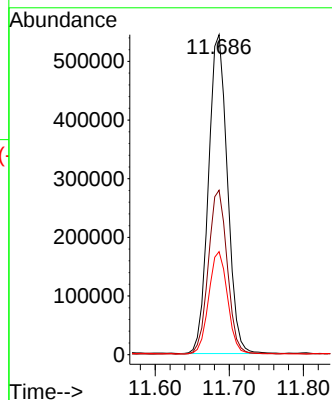
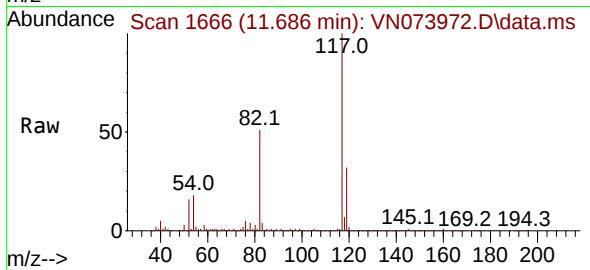
Tgt Ion:117 Resp: 963720

Ion Ratio Lower Upper

117 100

82 51.4 44.2 66.2

119 32.0 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.616 min Scan# 1994

Delta R.T. 0.001 min

Lab File: VN073972.D

Acq: 17 Aug 2022 13:31

Tgt Ion:152 Resp: 536184

Ion Ratio Lower Upper

152 100

115 56.3 28.9 86.7

150 155.6 0.0 356.2

