

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062322\
 Data File : VN073047.D
 Acq On : 23 Jun 2022 14:38
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jun 24 01:18:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	323031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	525200	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	486223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	278010	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	195858	44.846	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.700%
35) Dibromofluoromethane	7.951	113	165864	51.095	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.180%
50) Toluene-d8	10.375	98	551321	45.642	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.280%
62) 4-Bromofluorobenzene	12.669	95	254029	58.485	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	116.960%

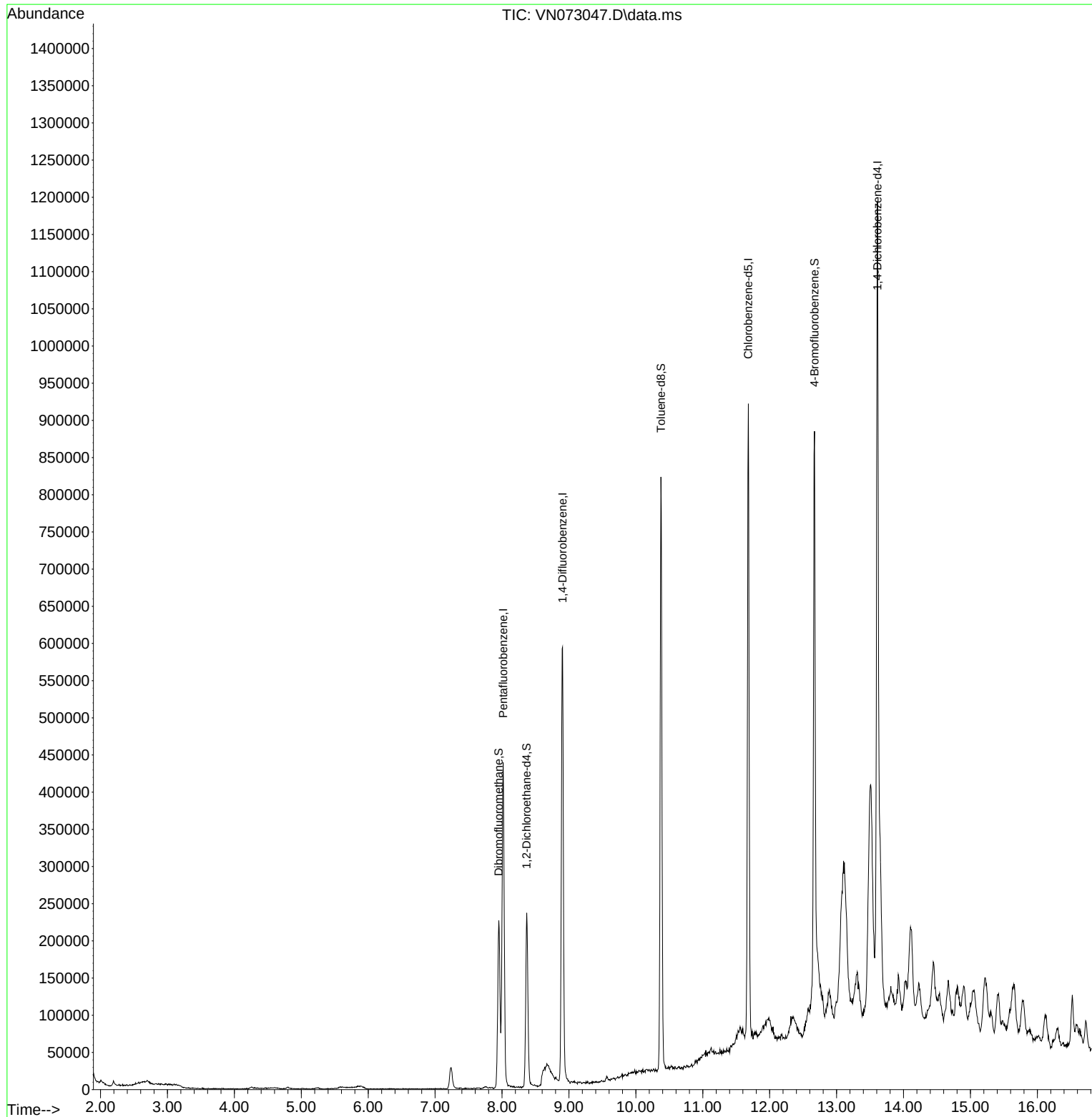
Target Compounds	Qvalue

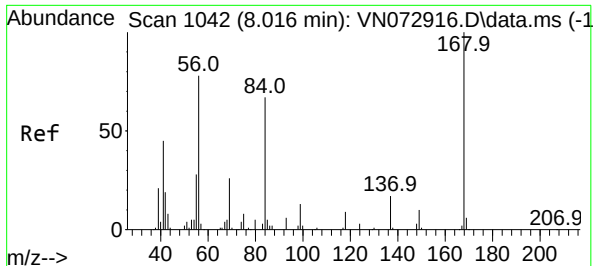
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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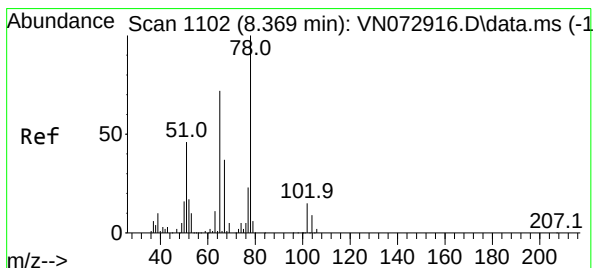
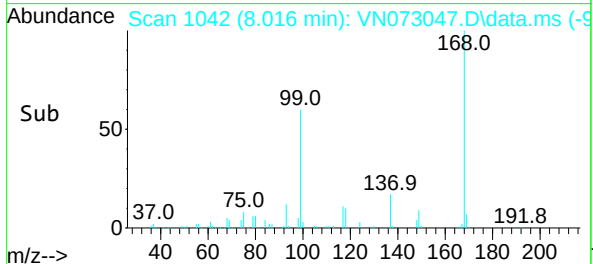
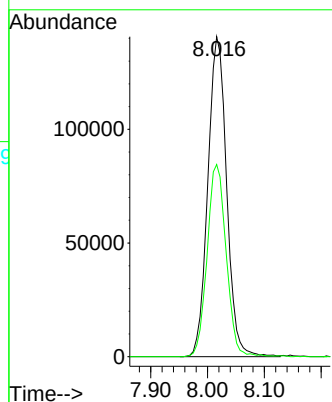
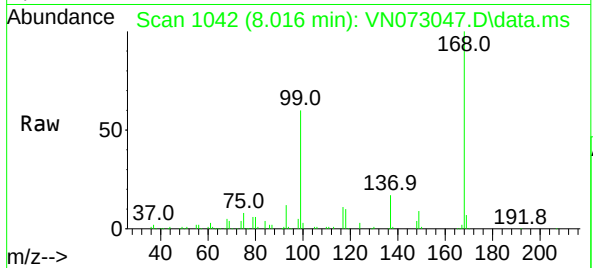




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073047.D
Acq: 23 Jun 2022 14:38

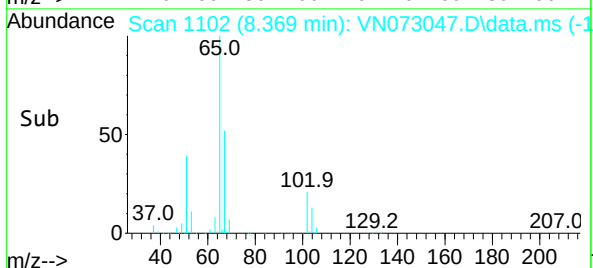
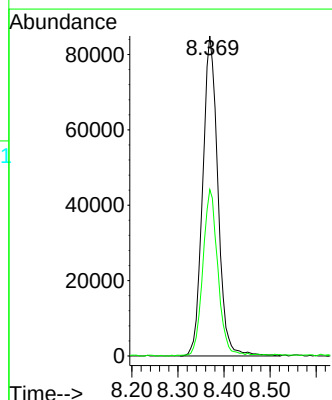
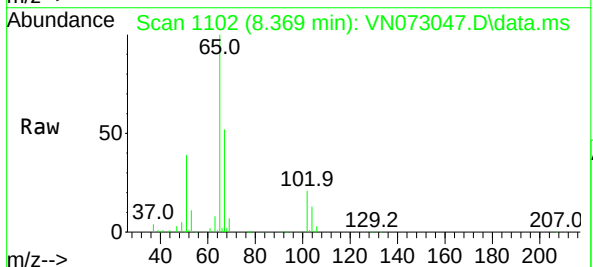
Instrument :
MSVOA_N
ClientSampleId :
IBLK

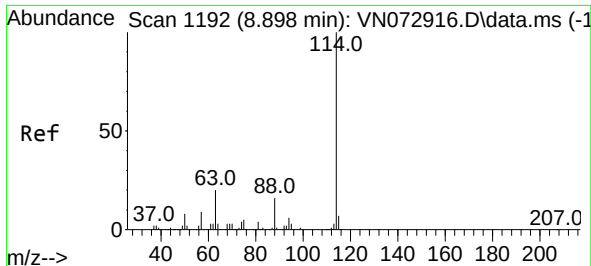
Tgt Ion:168 Resp: 323031
Ion Ratio Lower Upper
168 100
99 60.0 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 44.846 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VN073047.D
Acq: 23 Jun 2022 14:38

Tgt Ion: 65 Resp: 195858
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN073047.D

Acq: 23 Jun 2022 14:38

Instrument :

MSVOA_N

ClientSampleId :

IBLK

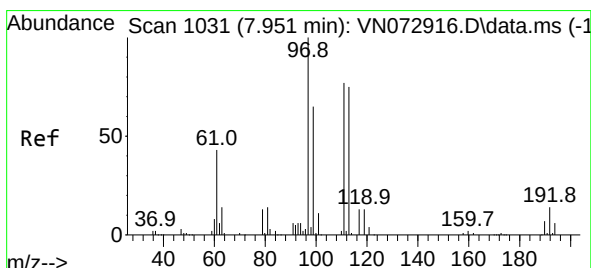
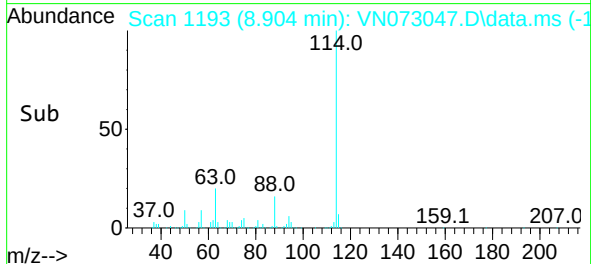
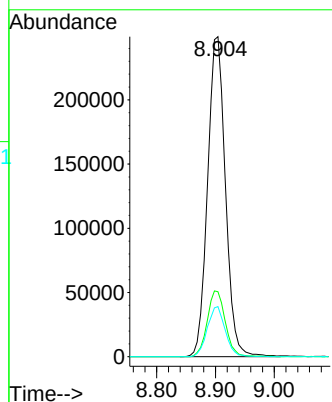
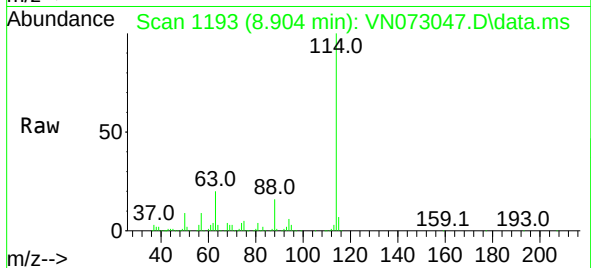
Tgt Ion:114 Resp: 525200

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.0

88 15.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.095 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073047.D

Acq: 23 Jun 2022 14:38

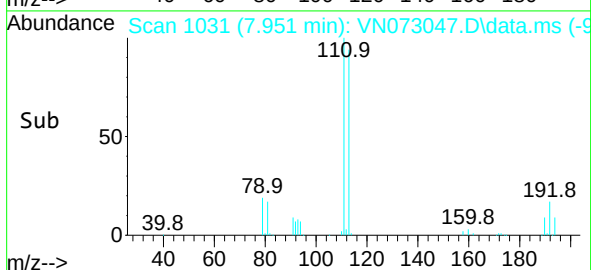
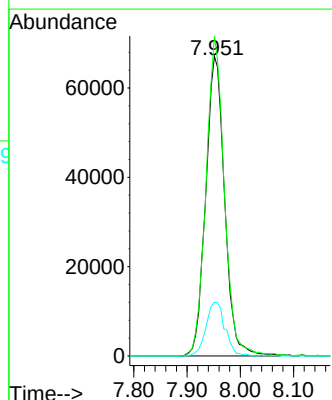
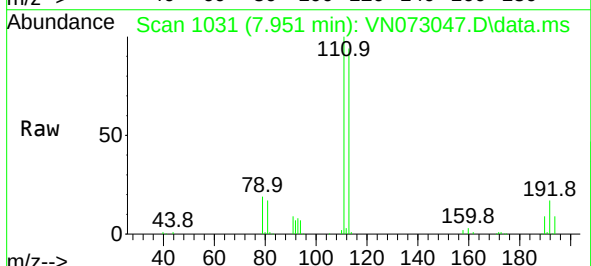
Tgt Ion:113 Resp: 165864

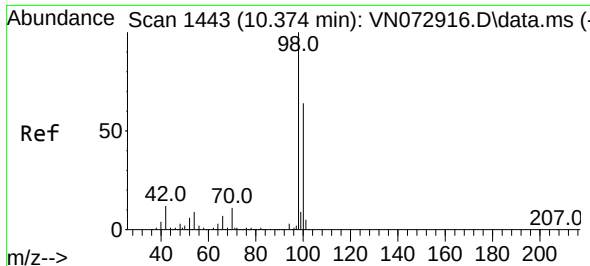
Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.0

192 18.1 17.0 25.6

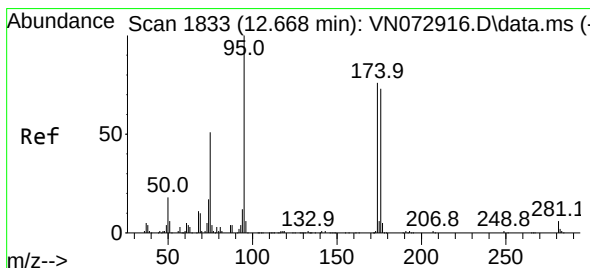
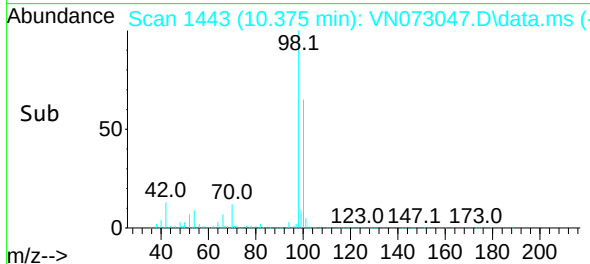
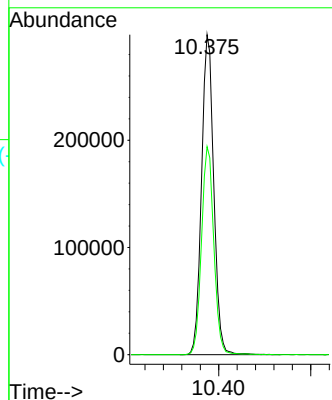
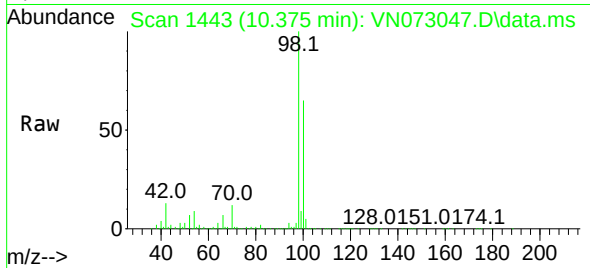




#50
Toluene-d8
Concen: 45.642 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN073047.D
Acq: 23 Jun 2022 14:38

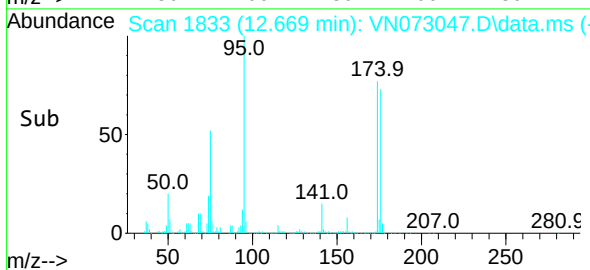
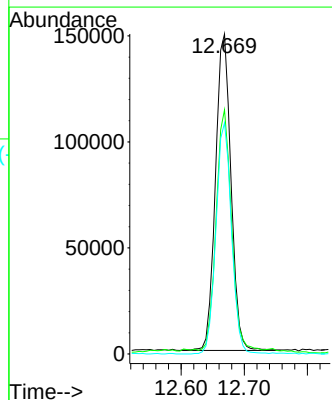
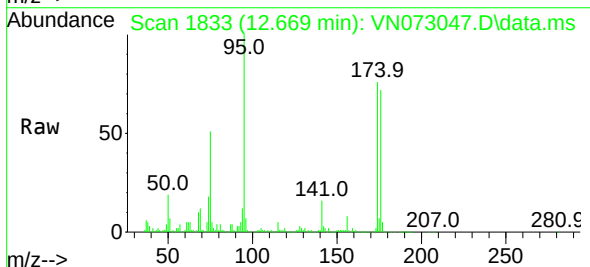
Instrument :
MSVOA_N
ClientSampleId :
IBLK

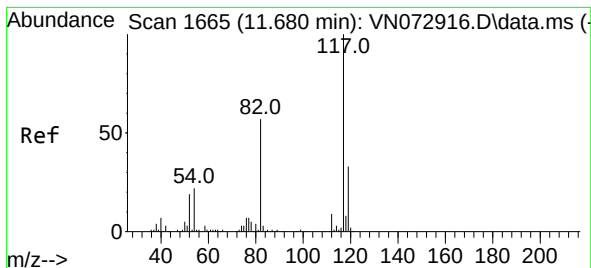
Tgt Ion: 98 Resp: 551321
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 58.485 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN073047.D
Acq: 23 Jun 2022 14:38

Tgt Ion: 95 Resp: 254029
Ion Ratio Lower Upper
95 100
174 75.0 0.0 167.6
176 73.1 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.680 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN073047.D

Acq: 23 Jun 2022 14:38

Instrument :

MSVOA_N

ClientSampleId :

IBLK

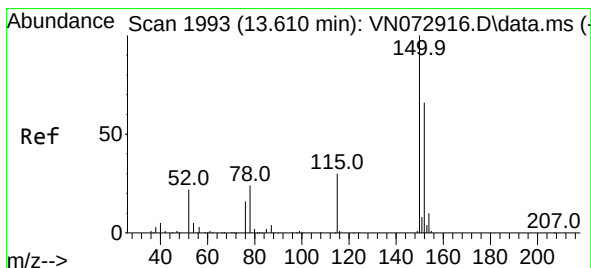
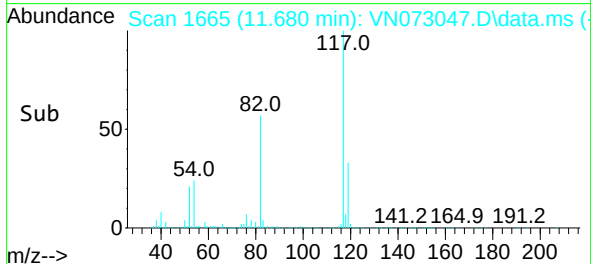
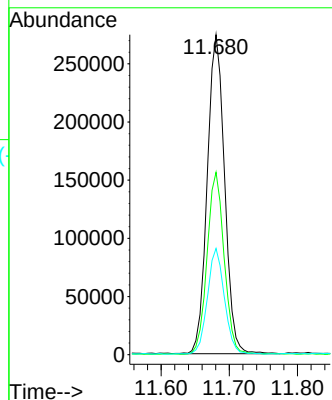
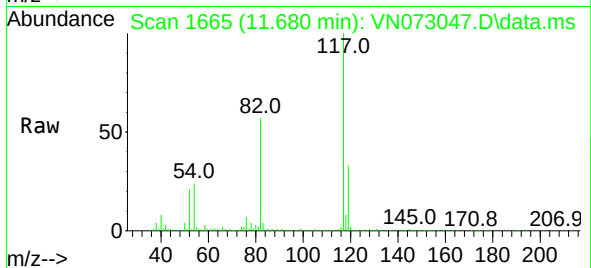
Tgt Ion:117 Resp: 486223

Ion Ratio Lower Upper

117 100

82 57.0 44.2 66.2

119 33.0 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.610 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VN073047.D

Acq: 23 Jun 2022 14:38

Tgt Ion:152 Resp: 278010

Ion Ratio Lower Upper

152 100

115 71.6 28.9 86.7

150 141.3 0.0 356.2

