

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062922\
 Data File : VN073241.D
 Acq On : 29 Jun 2022 14:28
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Quant Time: Jun 29 15:44:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	400195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	643372	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	582971	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	279167	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	224284	38.822	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	77.640%
35) Dibromofluoromethane	7.951	113	199718	46.658	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.320%
50) Toluene-d8	10.375	98	660594	43.452	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	86.900%
62) 4-Bromofluorobenzene	12.669	95	292373	50.044	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.080%

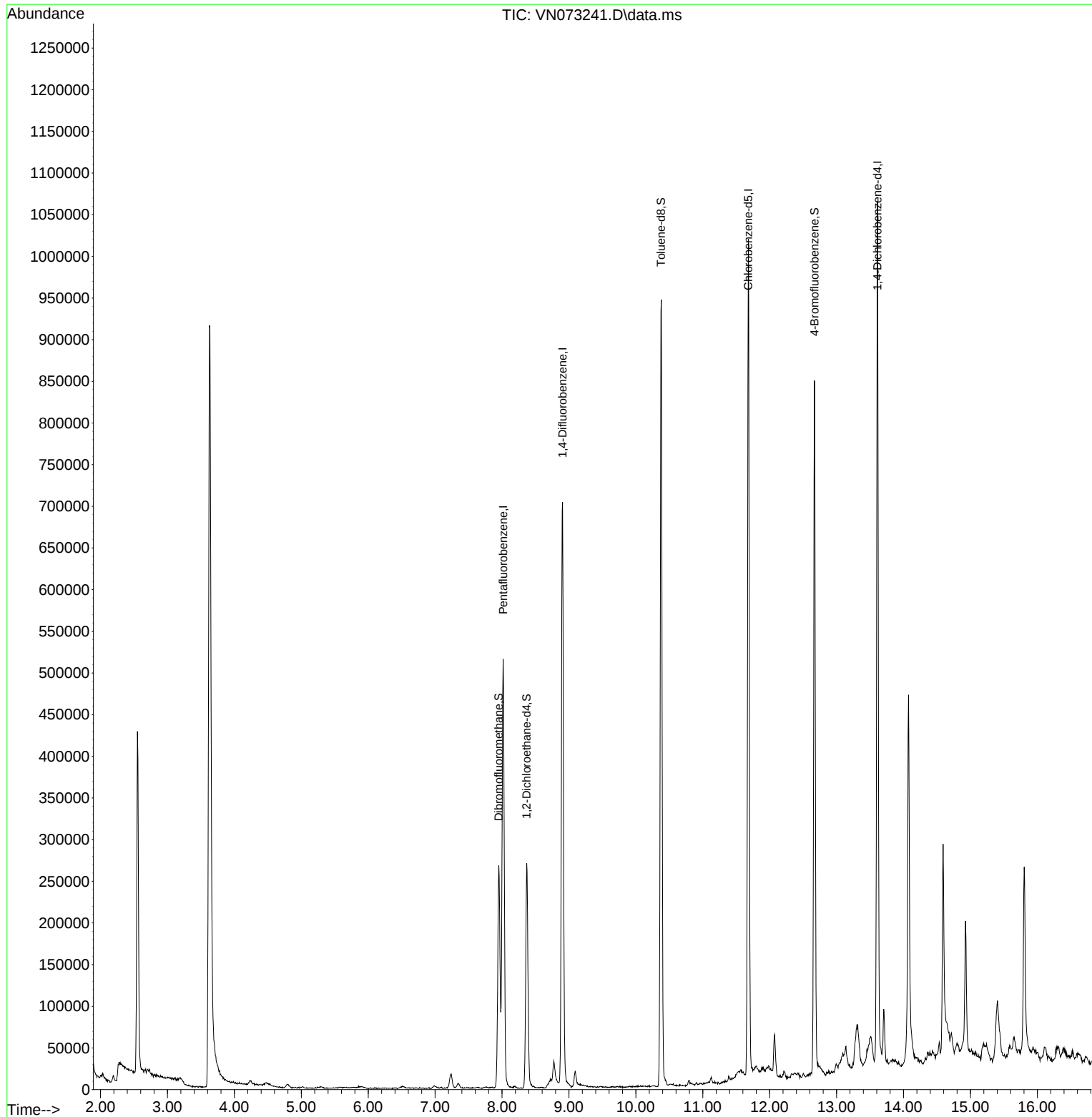
Target Compounds	Qvalue

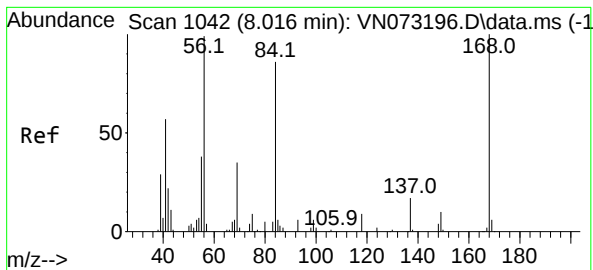
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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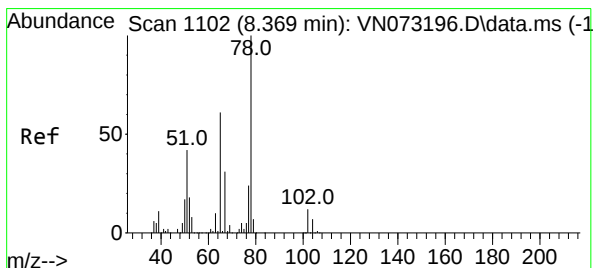
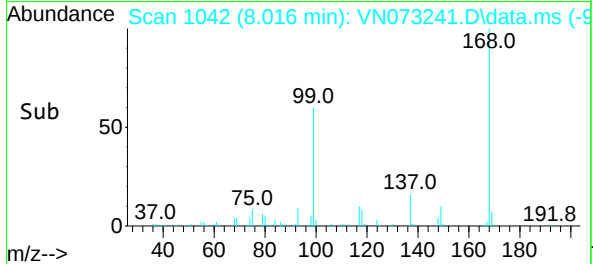
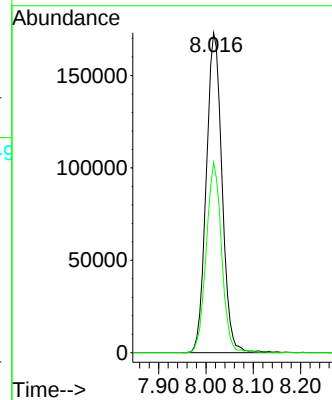
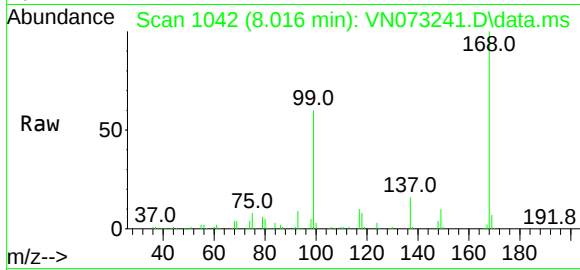




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073241.D
Acq: 29 Jun 2022 14:28

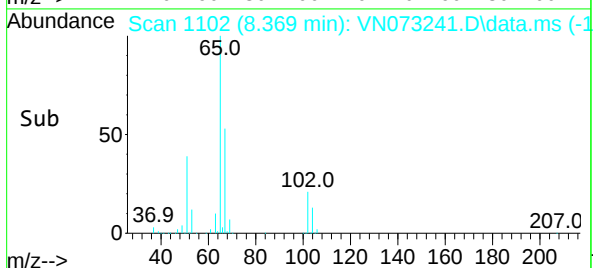
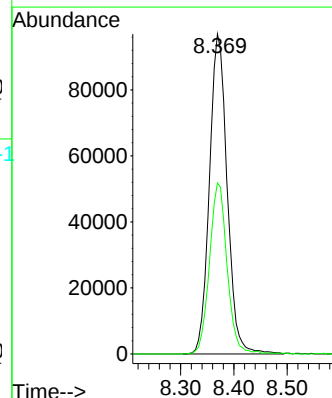
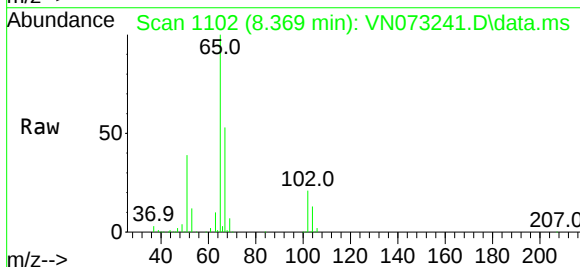
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

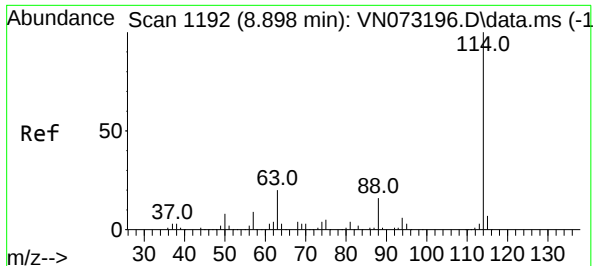
Tgt Ion:168 Resp: 400195
Ion Ratio Lower Upper
168 100
99 59.5 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 38.822 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073241.D
Acq: 29 Jun 2022 14:28

Tgt Ion: 65 Resp: 224284
Ion Ratio Lower Upper
65 100
67 53.0 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. 0.006 min

Lab File: VN073241.D

Acq: 29 Jun 2022 14:28

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

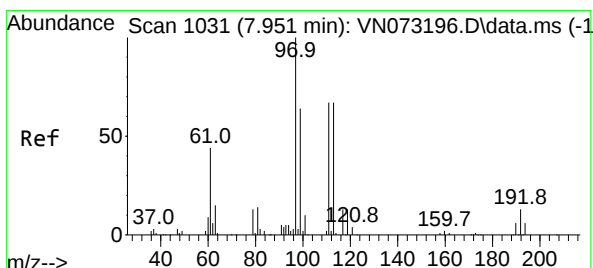
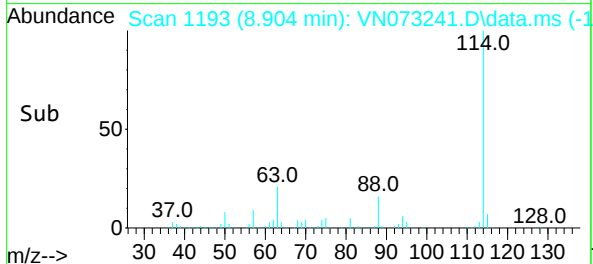
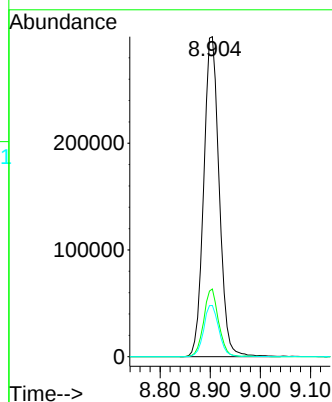
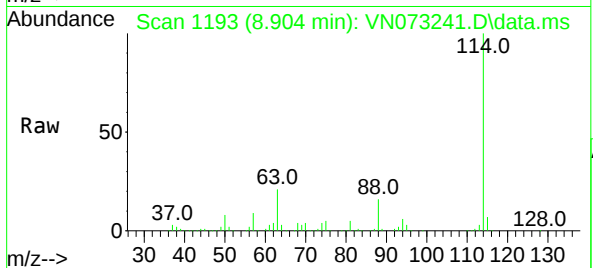
Tgt Ion:114 Resp: 643372

Ion Ratio Lower Upper

114 100

63 21.2 0.0 40.0

88 16.0 0.0 32.6



#35

Dibromofluoromethane

Concen: 46.658 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073241.D

Acq: 29 Jun 2022 14:28

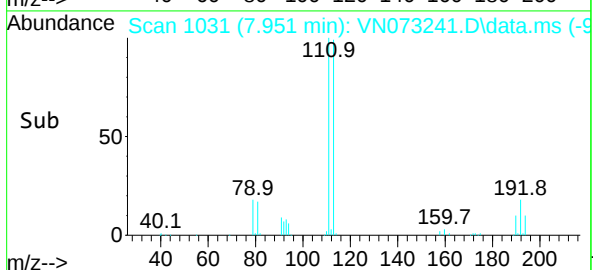
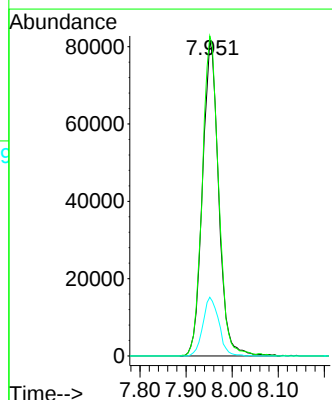
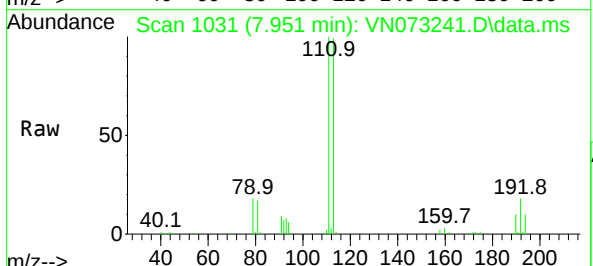
Tgt Ion:113 Resp: 199718

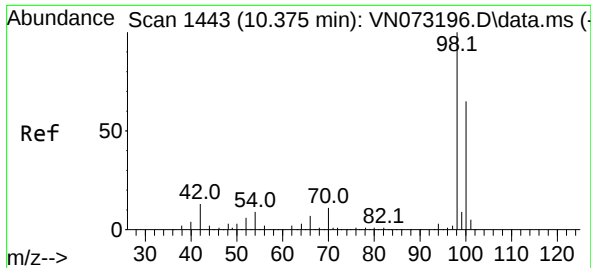
Ion Ratio Lower Upper

113 100

111 102.4 81.4 122.0

192 18.4 17.0 25.6

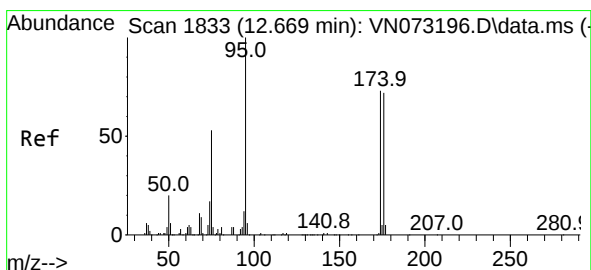
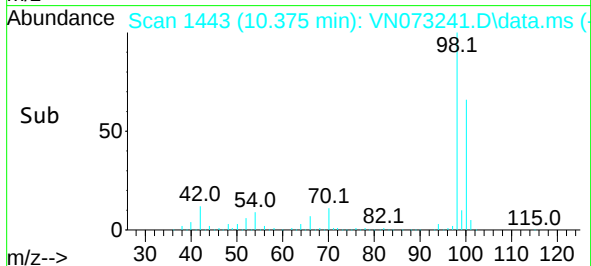
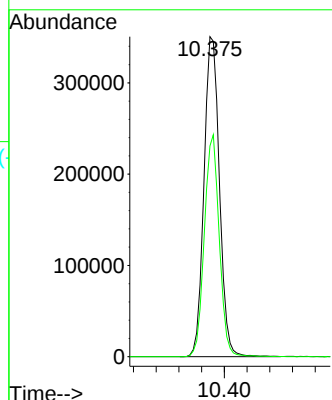
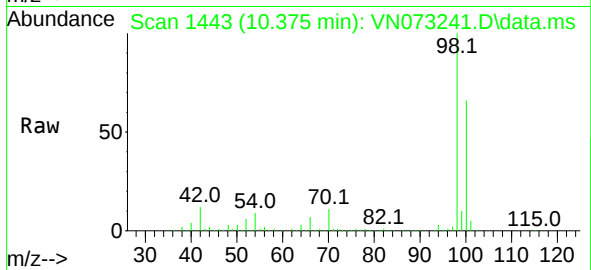




#50
Toluene-d8
Concen: 43.452 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN073241.D
Acq: 29 Jun 2022 14:28

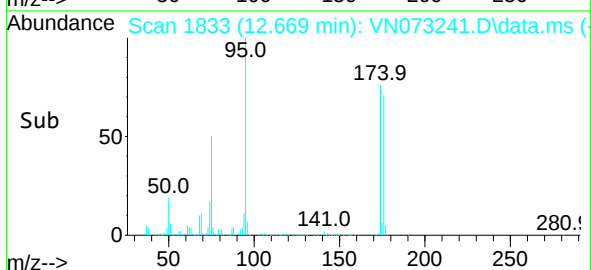
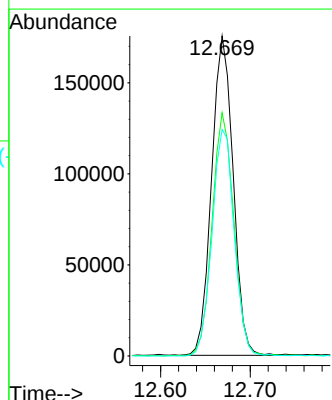
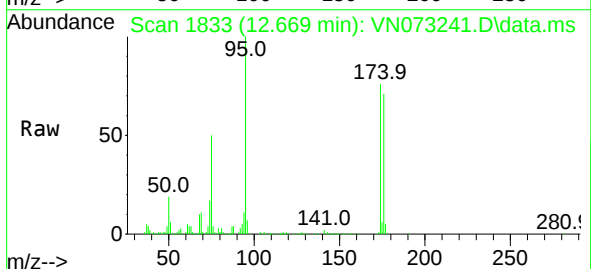
Instrument :
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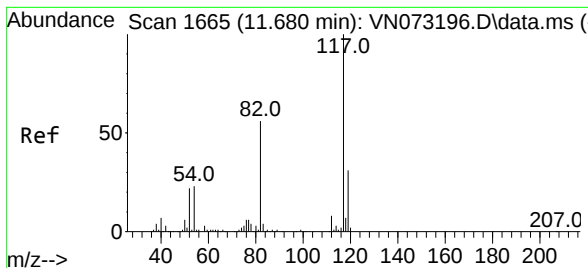
Tgt Ion: 98 Resp: 660594
Ion Ratio Lower Upper
98 100
100 67.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.044 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073241.D
Acq: 29 Jun 2022 14:28

Tgt Ion: 95 Resp: 292373
Ion Ratio Lower Upper
95 100
174 76.9 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: VN073241.D

Acq: 29 Jun 2022 14:28

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

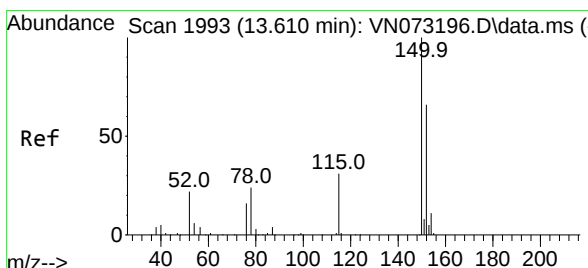
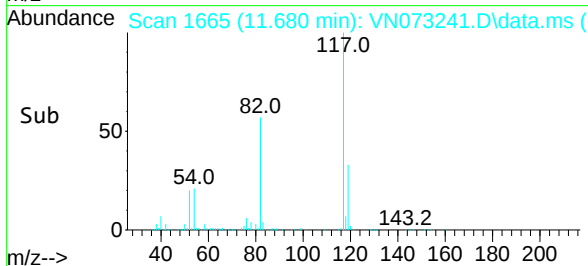
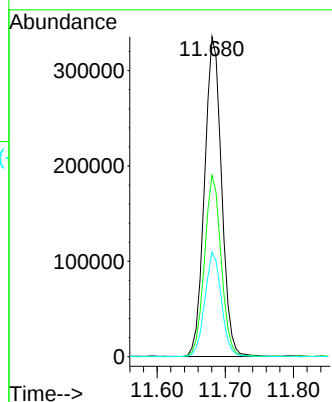
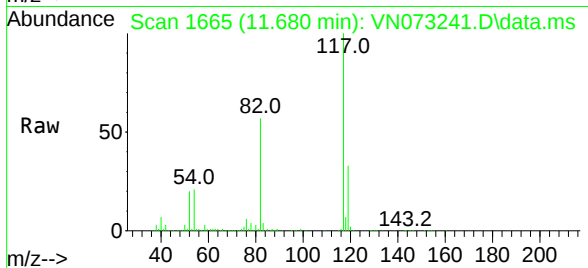
Tgt Ion:117 Resp: 582971

Ion Ratio Lower Upper

117 100

82 56.6 44.2 66.2

119 32.6 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: VN073241.D

Acq: 29 Jun 2022 14:28

Tgt Ion:152 Resp: 279167

Ion Ratio Lower Upper

152 100

115 61.3 28.9 86.7

150 154.1 0.0 356.2

