

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070822\
 Data File : VN073398.D
 Acq On : 08 Jul 2022 17:19
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 09 05:28:32 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	329593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	548569	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	514341	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	252378	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	207544	43.620	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.240%
35) Dibromofluoromethane	7.957	113	178216	48.830	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.660%
50) Toluene-d8	10.380	98	580793	44.806	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.620%
62) 4-Bromofluorobenzene	12.668	95	257754	51.743	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.480%

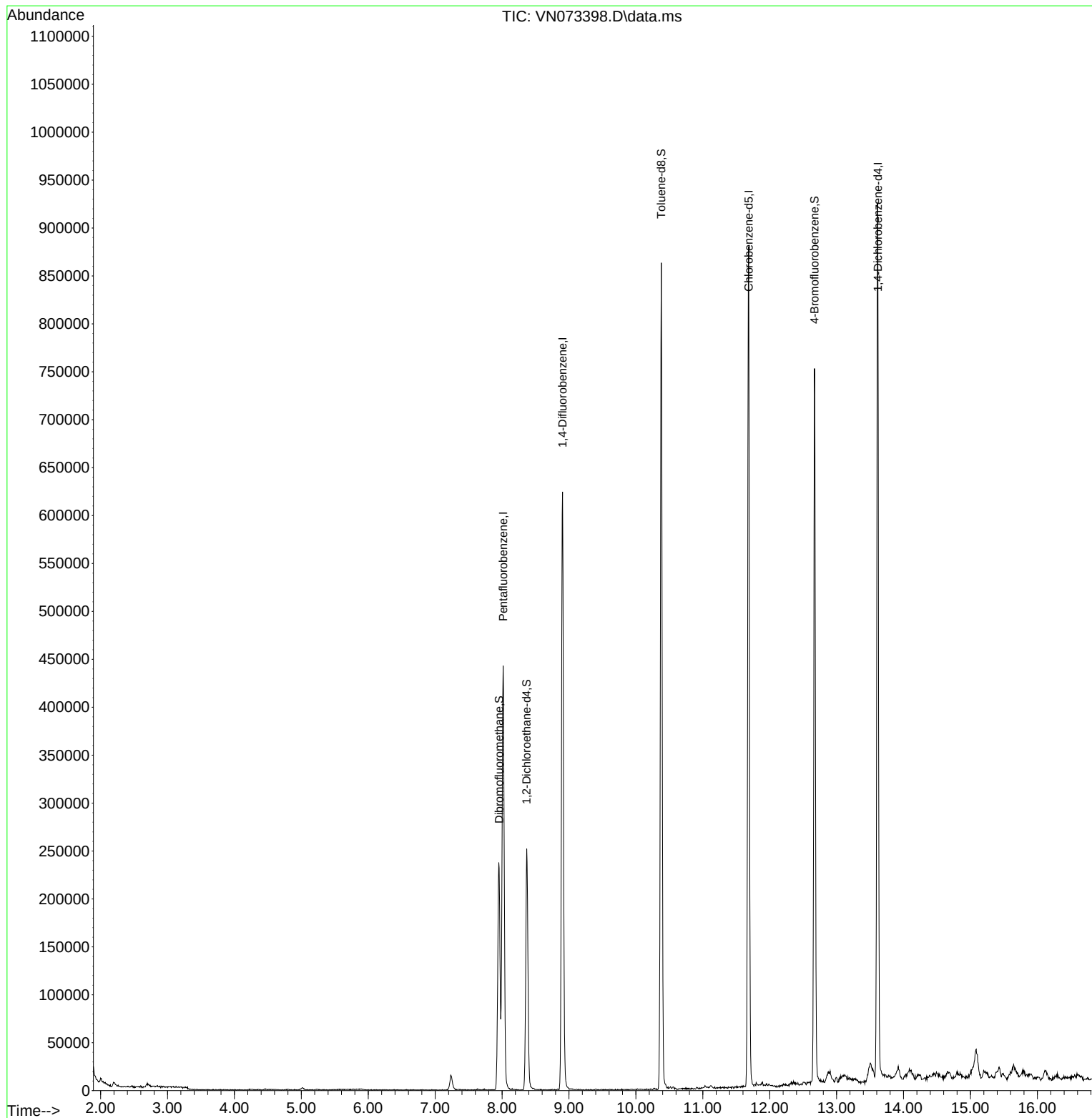
Target Compounds	Qvalue

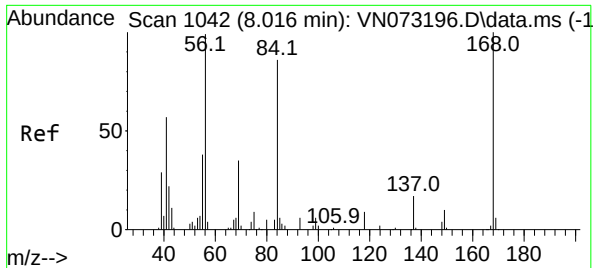
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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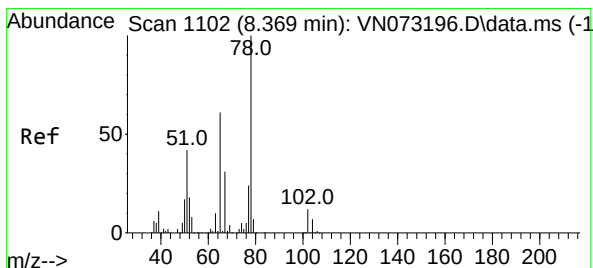
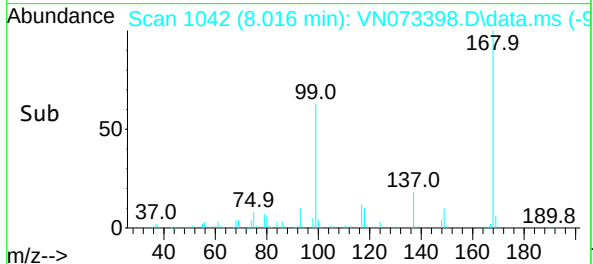
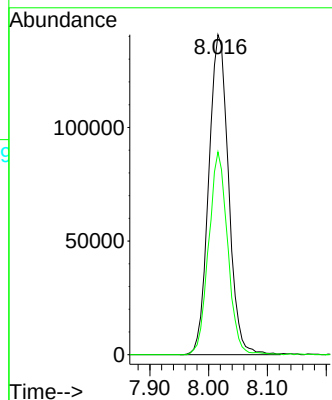
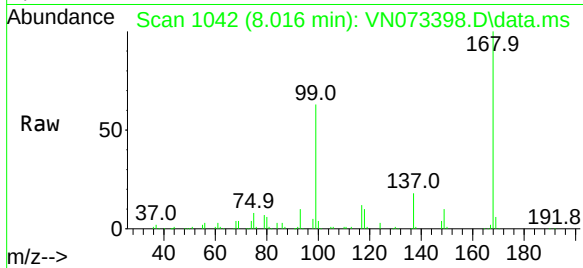




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073398.D
Acq: 08 Jul 2022 17:19

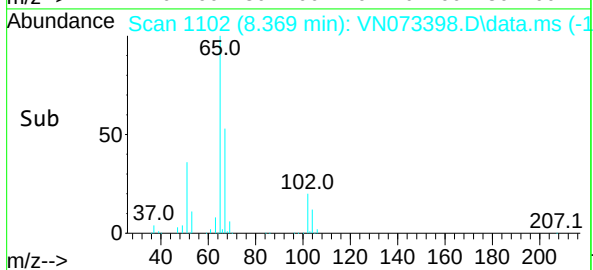
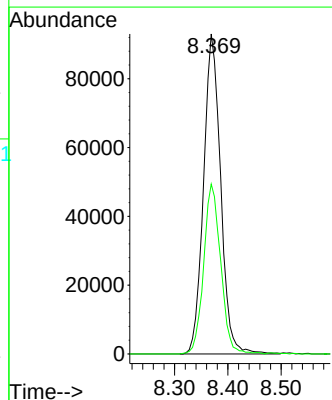
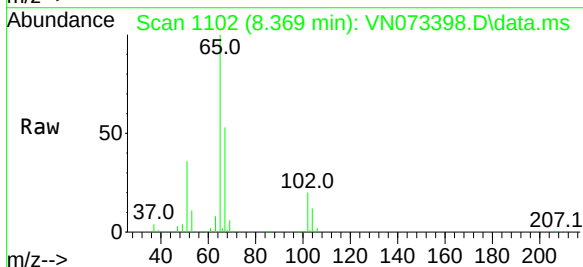
Instrument :
MSVOA_N
ClientSampleId :
IBLK

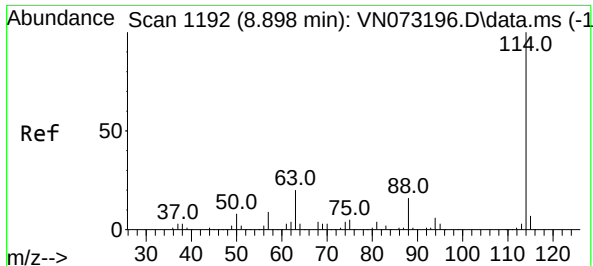
Tgt Ion:168 Resp: 329593
Ion Ratio Lower Upper
168 100
99 63.3 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 43.620 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073398.D
Acq: 08 Jul 2022 17:19

Tgt Ion: 65 Resp: 207544
Ion Ratio Lower Upper
65 100
67 52.7 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: VN073398.D

Acq: 08 Jul 2022 17:19

Instrument :

MSVOA_N

ClientSampleId :

IBLK

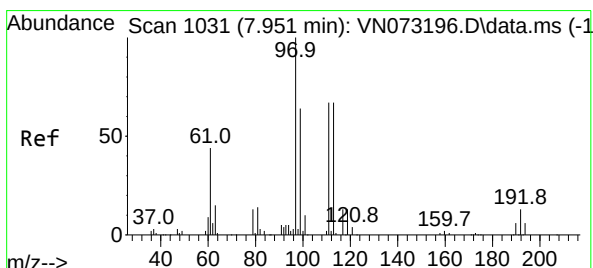
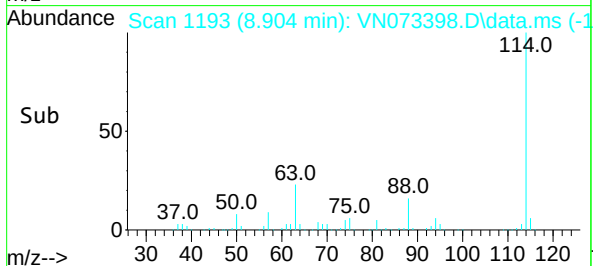
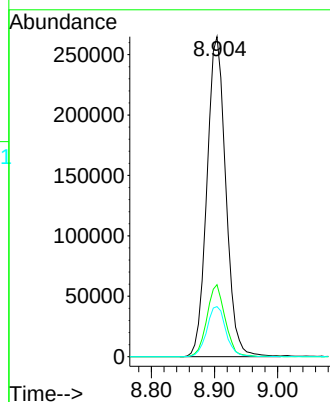
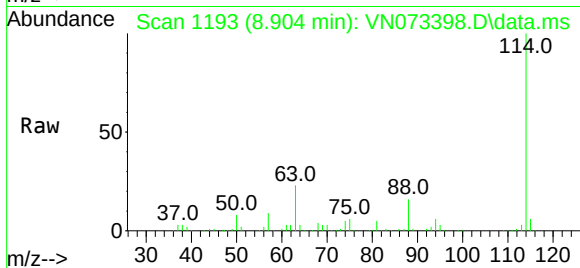
Tgt Ion:114 Resp: 548569

Ion Ratio Lower Upper

114 100

63 22.5 0.0 40.0

88 15.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.830 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN073398.D

Acq: 08 Jul 2022 17:19

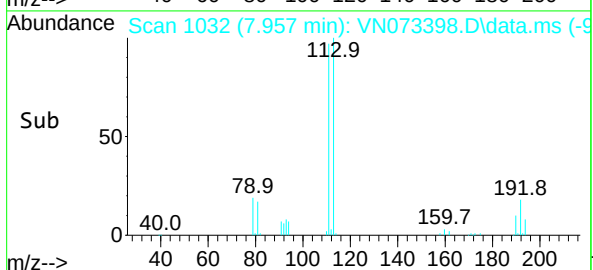
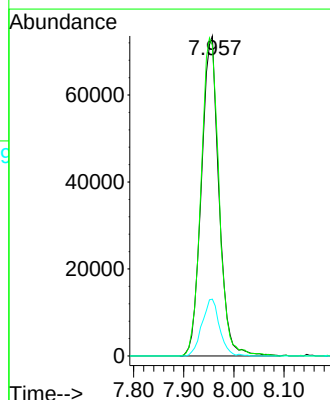
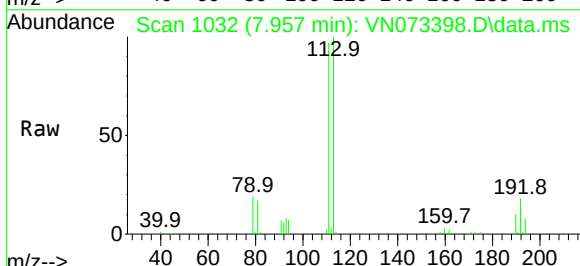
Tgt Ion:113 Resp: 178216

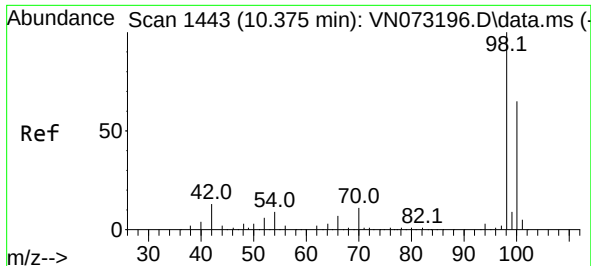
Ion Ratio Lower Upper

113 100

111 102.1 81.4 122.0

192 17.9 17.0 25.6

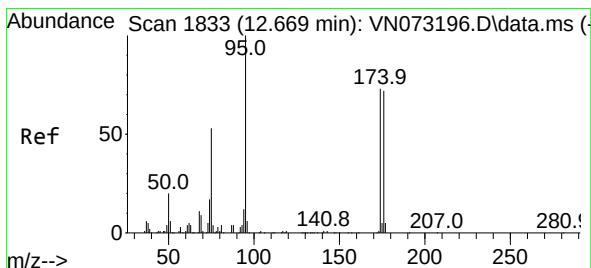
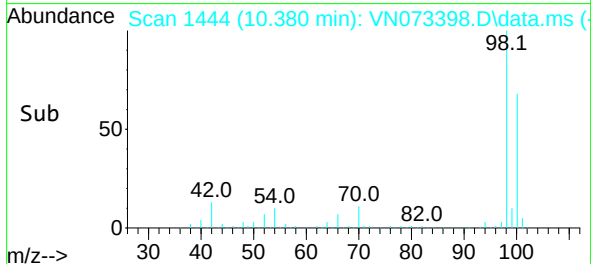
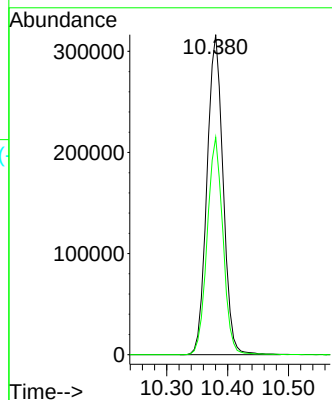
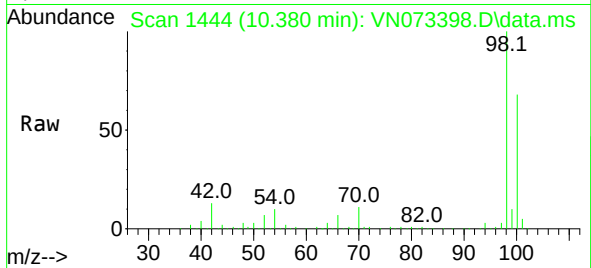




#50
Toluene-d8
Concen: 44.806 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. 0.005 min
Lab File: VN073398.D
Acq: 08 Jul 2022 17:19

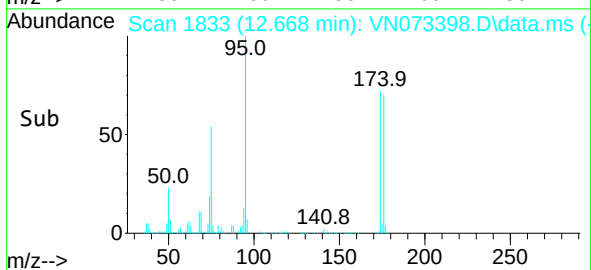
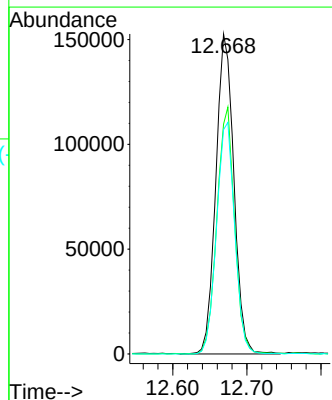
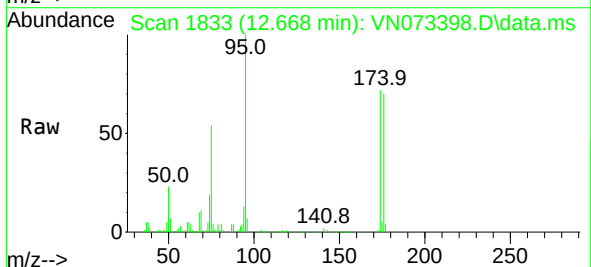
Instrument :
MSVOA_N
ClientSampleId :
IBLK

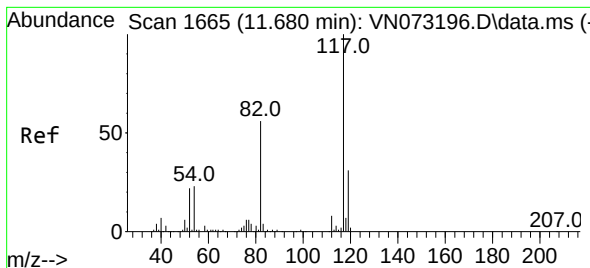
Tgt Ion: 98 Resp: 580793
Ion Ratio Lower Upper
98 100
100 66.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 51.743 ug/l
RT: 12.668 min Scan# 1833
Delta R.T. -0.001 min
Lab File: VN073398.D
Acq: 08 Jul 2022 17:19

Tgt Ion: 95 Resp: 257754
Ion Ratio Lower Upper
95 100
174 75.6 0.0 167.6
176 72.7 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN073398.D

Acq: 08 Jul 2022 17:19

Instrument :

MSVOA_N

ClientSampleId :

IBLK

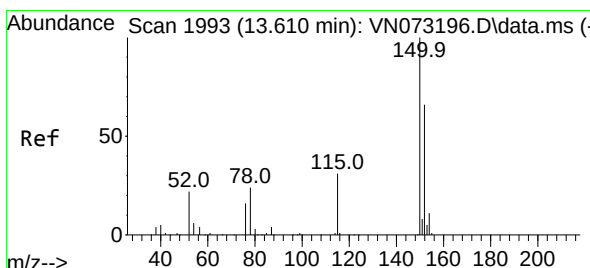
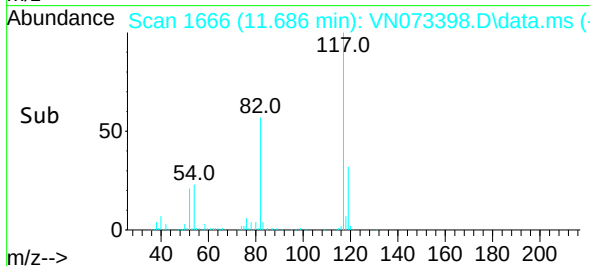
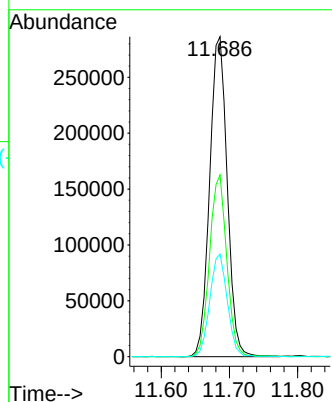
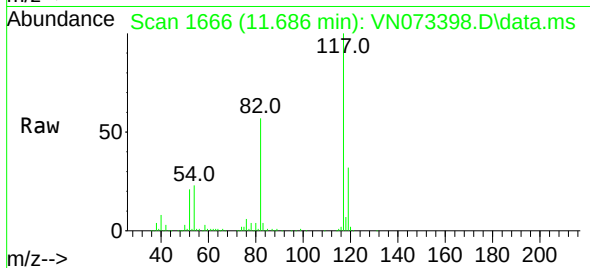
Tgt Ion:117 Resp: 514341

Ion Ratio Lower Upper

117 100

82 56.8 44.2 66.2

119 32.0 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.615 min Scan# 1994

Delta R.T. 0.005 min

Lab File: VN073398.D

Acq: 08 Jul 2022 17:19

Tgt Ion:152 Resp: 252378

Ion Ratio Lower Upper

152 100

115 60.0 28.9 86.7

150 156.5 0.0 356.2

