

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070122\
 Data File : VN073291.D
 Acq On : 01 Jul 2022 12:44
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Quant Time: Jul 04 05:03:58 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)

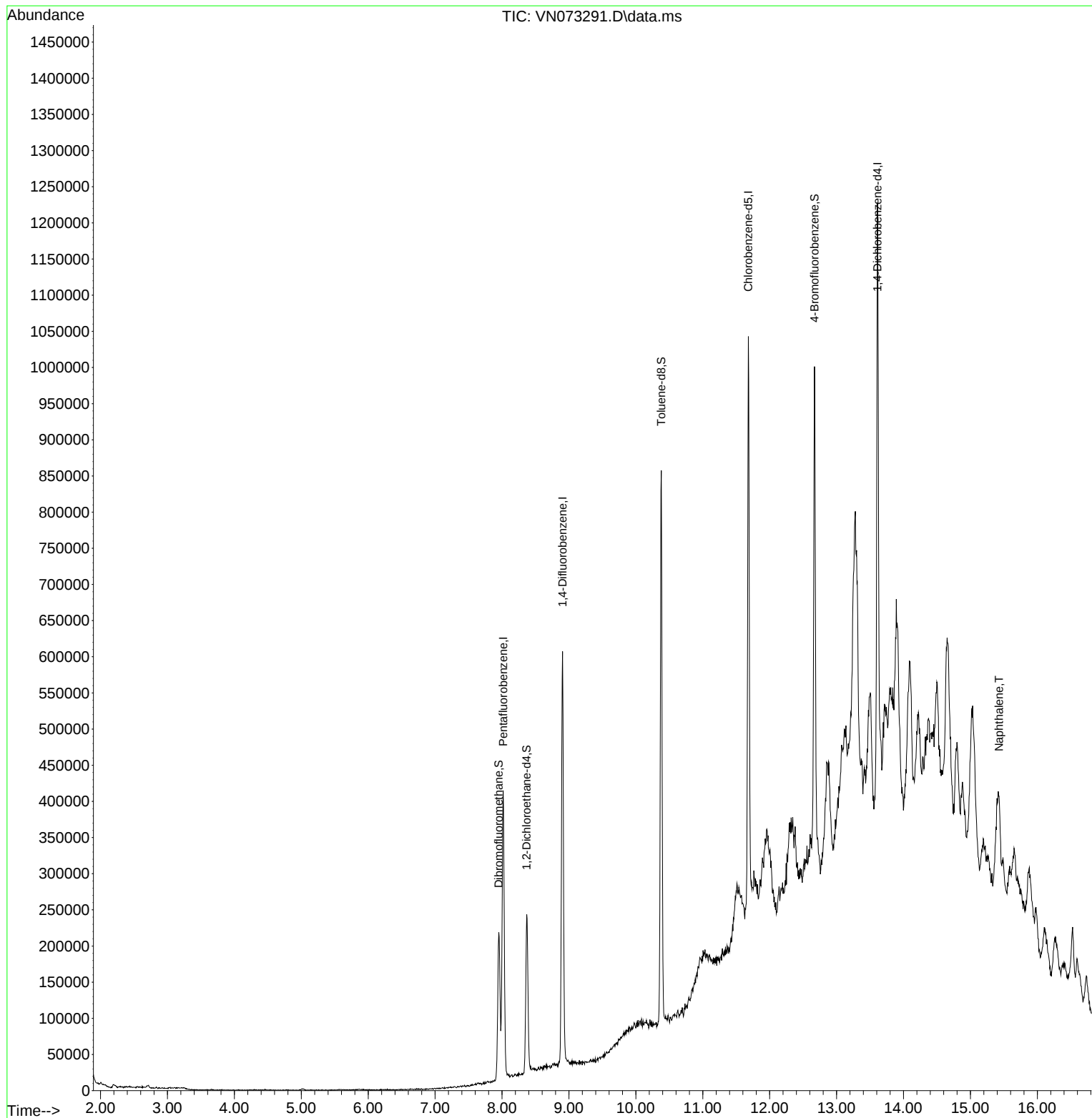
Internal Standards						
1) Pentafluorobenzene	8.016	168	297001	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	496503	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	447231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	205265	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	186416	43.479	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.960%
35) Dibromofluoromethane	7.951	113	152907	46.289	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.580%
50) Toluene-d8	10.381	98	521471	44.448	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	88.900%
62) 4-Bromofluorobenzene	12.669	95	220808	48.974	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.940%
Target Compounds						
95) Naphthalene	15.427	128	107035	6.766	ug/l	Qvalue # 68

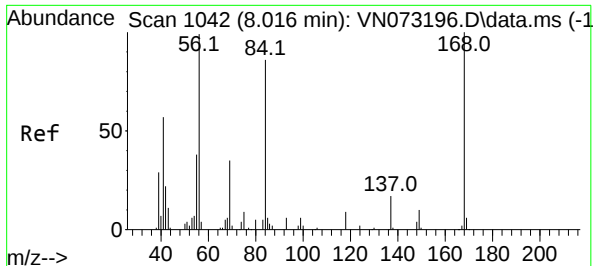
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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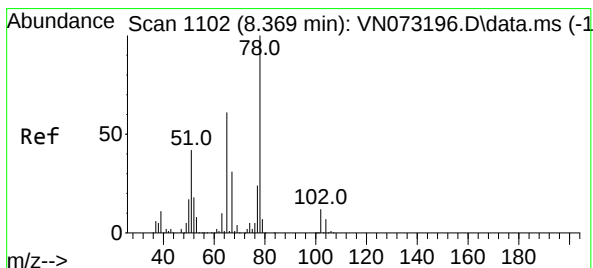
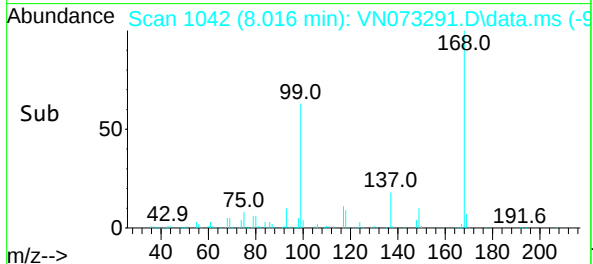
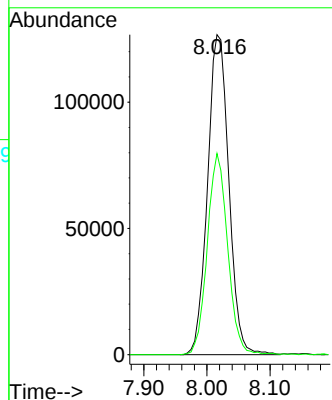
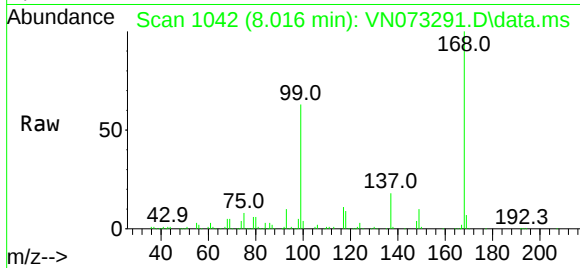




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN073291.D
Acq: 01 Jul 2022 12:44

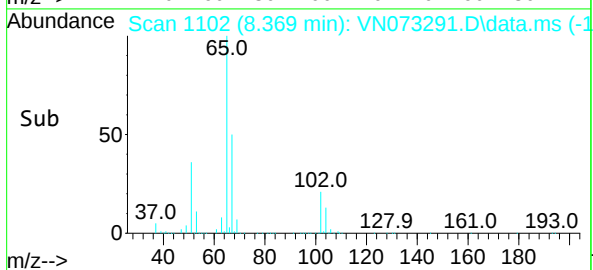
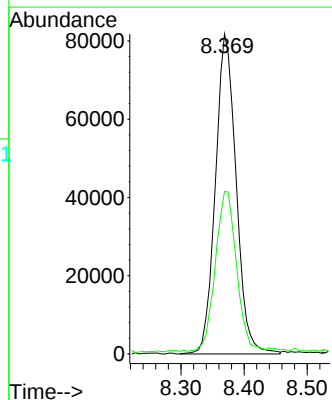
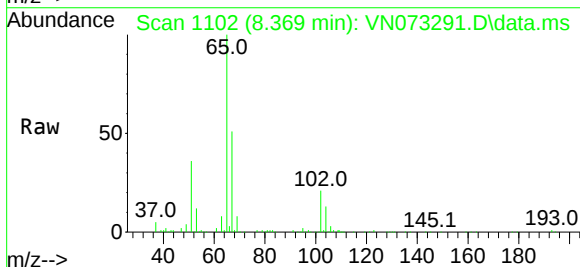
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

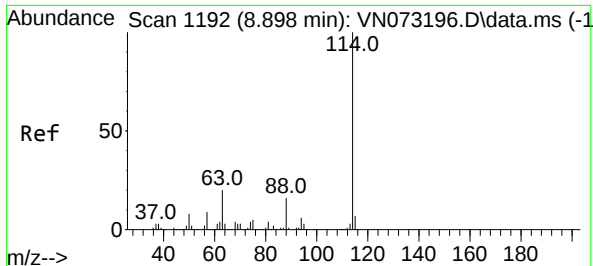
Tgt Ion:168 Resp: 297001
Ion Ratio Lower Upper
168 100
99 62.8 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 43.479 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073291.D
Acq: 01 Jul 2022 12:44

Tgt Ion: 65 Resp: 186416
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1192

Delta R.T. 0.006 min

Lab File: VN073291.D

Acq: 01 Jul 2022 12:44

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

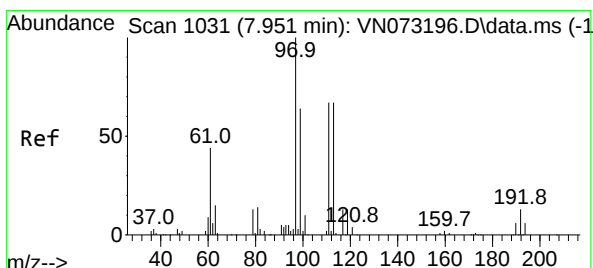
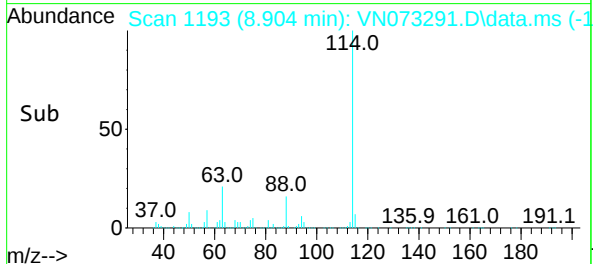
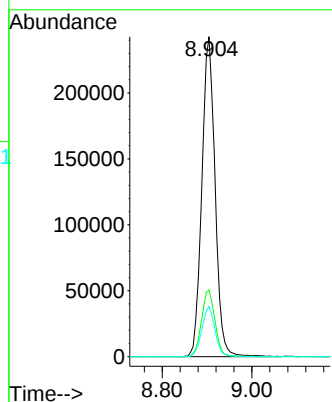
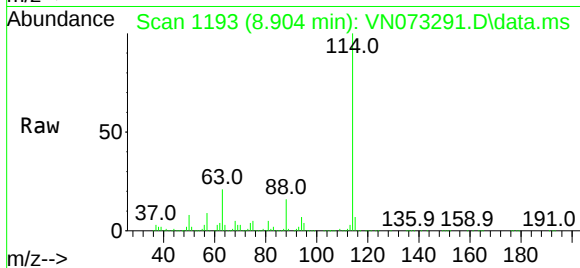
Tgt Ion:114 Resp: 496503

Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.0

88 15.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 46.289 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. 0.000 min

Lab File: VN073291.D

Acq: 01 Jul 2022 12:44

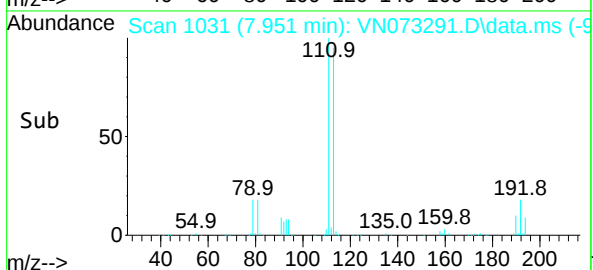
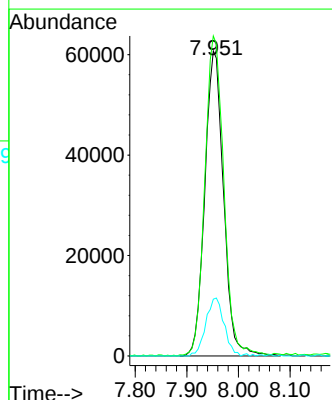
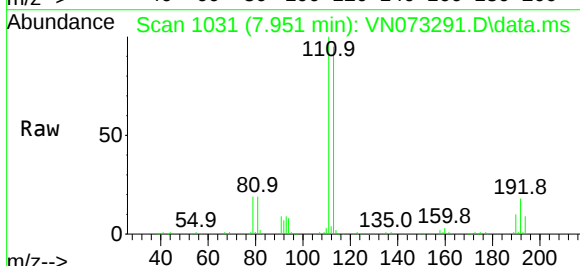
Tgt Ion:113 Resp: 152907

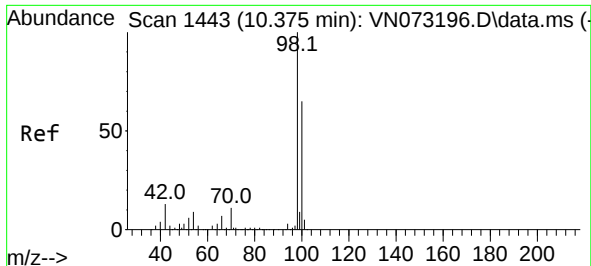
Ion Ratio Lower Upper

113 100

111 106.5 81.4 122.0

192 18.5 17.0 25.6

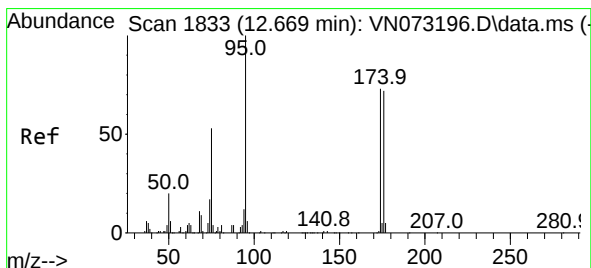
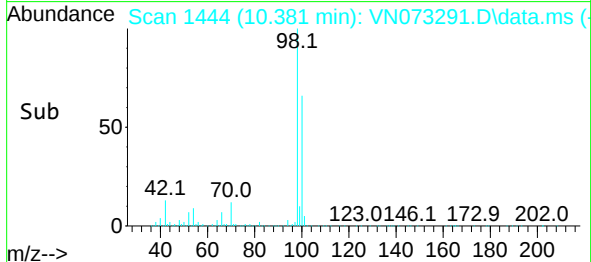
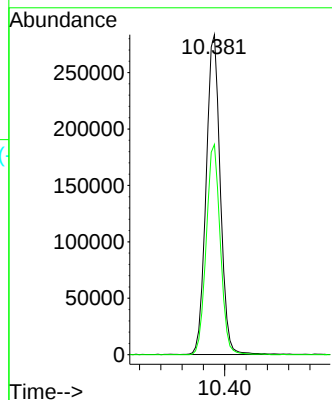
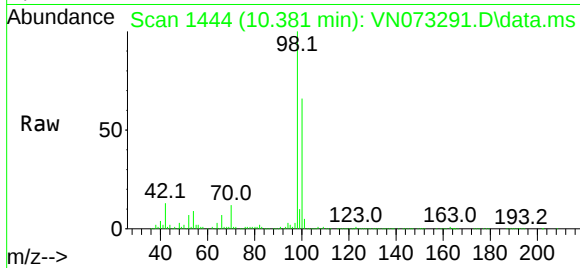




#50
Toluene-d8
Concen: 44.448 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073291.D
Acq: 01 Jul 2022 12:44

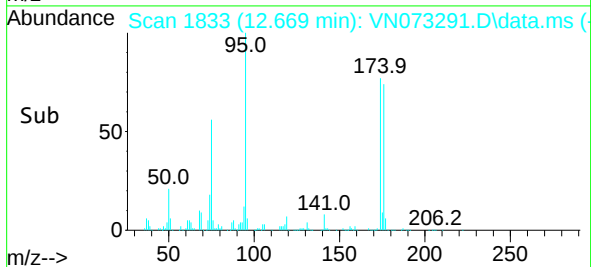
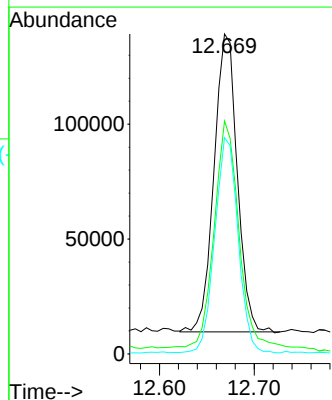
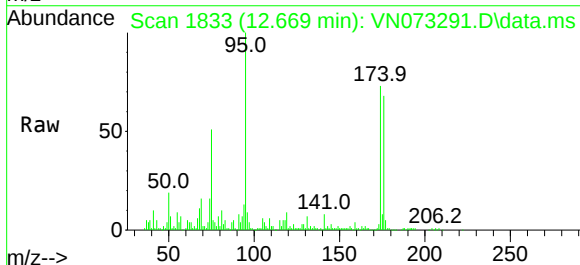
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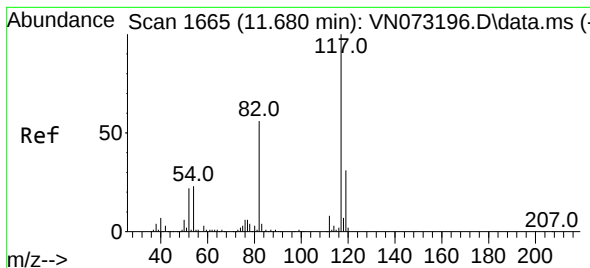
Tgt Ion: 98 Resp: 521471
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 48.974 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073291.D
Acq: 01 Jul 2022 12:44

Tgt Ion: 95 Resp: 220808
Ion Ratio Lower Upper
95 100
174 88.4 0.0 167.6
176 72.3 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: VN073291.D

Acq: 01 Jul 2022 12:44

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

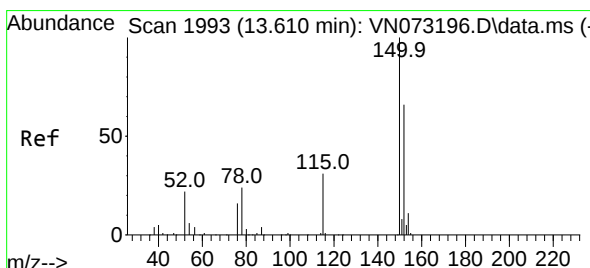
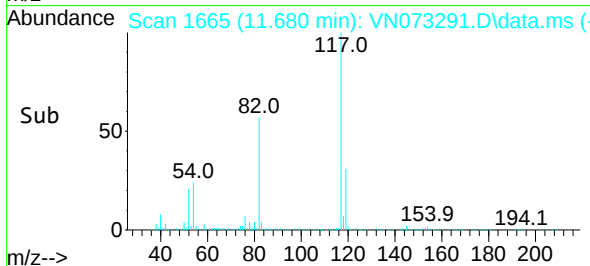
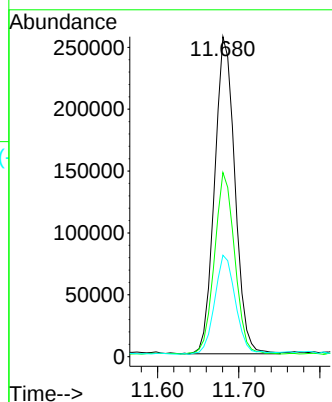
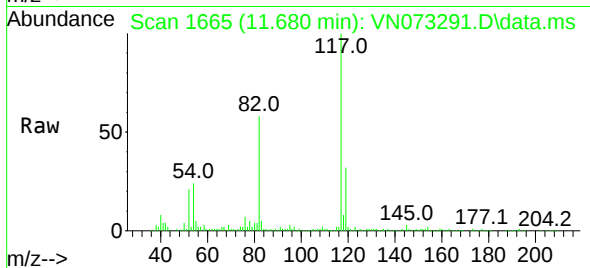
Tgt Ion:117 Resp: 447231

Ion Ratio Lower Upper

117 100

82 57.2 44.2 66.2

119 31.2 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: VN073291.D

Acq: 01 Jul 2022 12:44

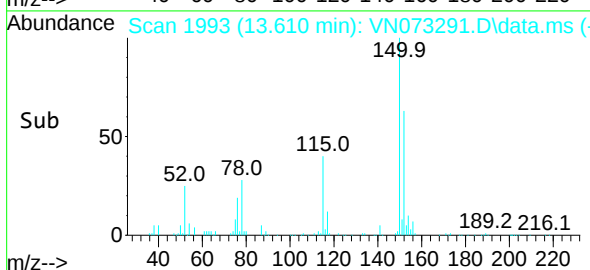
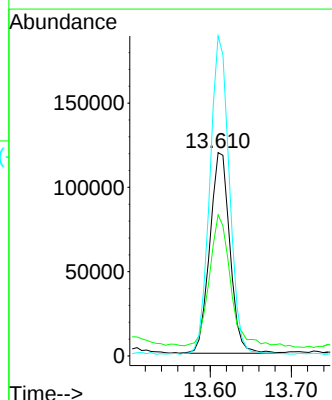
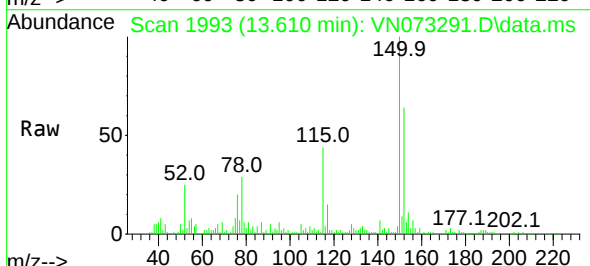
Tgt Ion:152 Resp: 205265

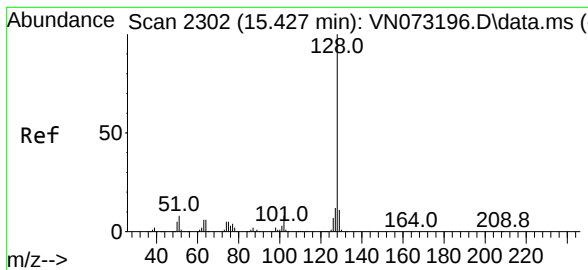
Ion Ratio Lower Upper

152 100

115 70.8 28.9 86.7

150 153.6 0.0 356.2





#95
Naphthalene
Concen: 6.766 ug/l
RT: 15.427 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN073291.D
Acq: 01 Jul 2022 12:44

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion:128 Resp: 107035
Ion Ratio Lower Upper
128 100
127 16.4 10.3 15.5#
129 33.4 8.6 13.0#

