

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070722\
 Data File : VN073369.D
 Acq On : 07 Jul 2022 14:18
 Operator : JC\MD
 Sample : N3574-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Jul 08 03:01:30 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	281816	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	474957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	437633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	198587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	187098	45.989	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.980%
35) Dibromofluoromethane	7.957	113	156891	49.650	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.300%
50) Toluene-d8	10.381	98	507070	45.181	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.360%
62) 4-Bromofluorobenzene	12.669	95	212453	49.259	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.520%

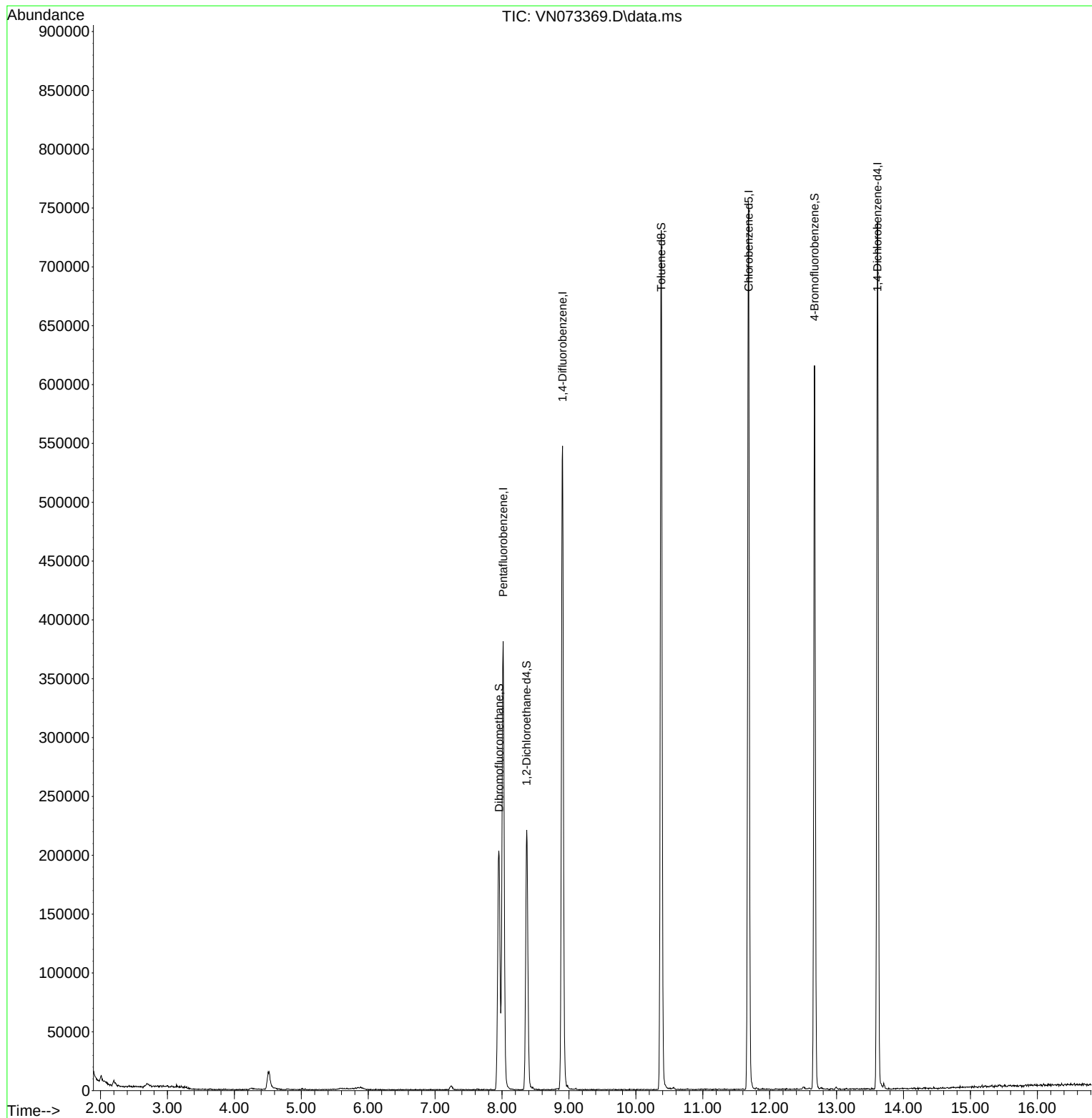
Target Compounds	Qvalue

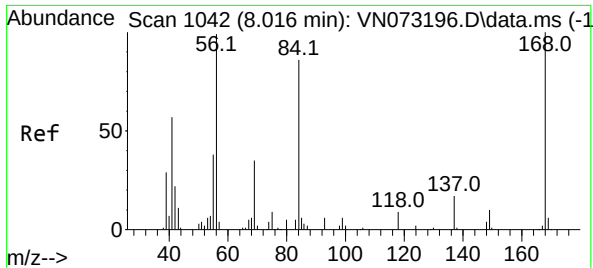
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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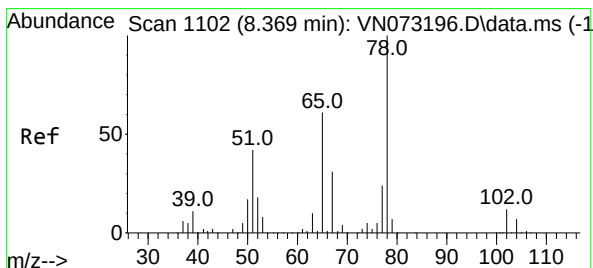
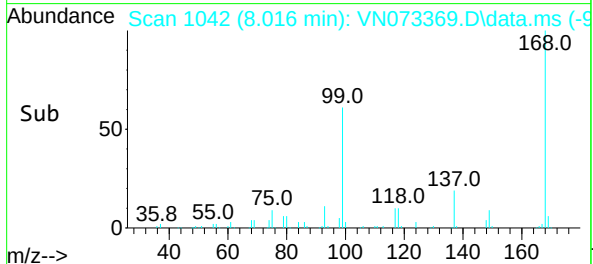
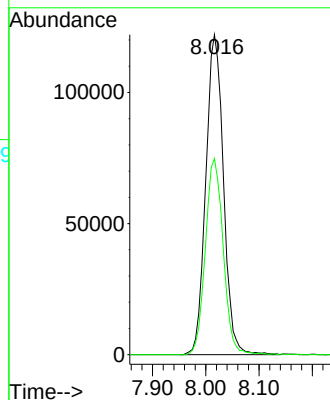
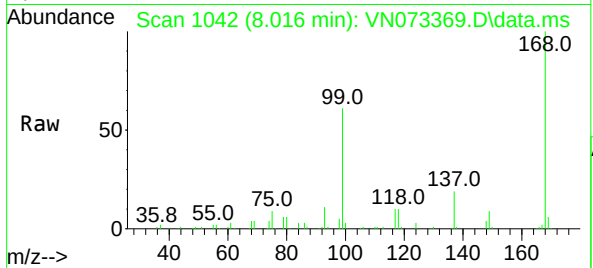




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VN073369.D
Acq: 07 Jul 2022 14:18

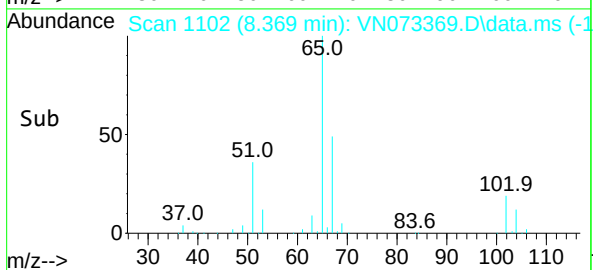
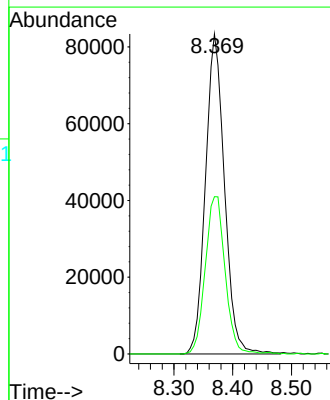
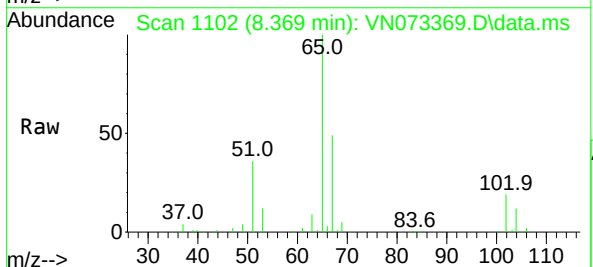
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

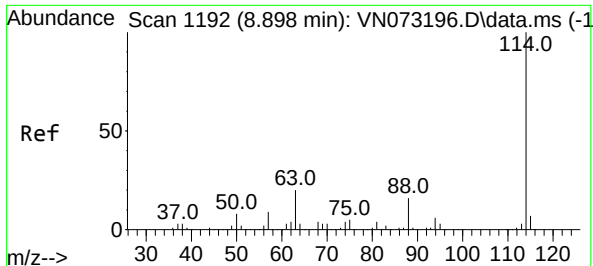
Tgt Ion:168 Resp: 281816
Ion Ratio Lower Upper
168 100
99 61.3 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 45.989 ug/l
RT: 8.369 min Scan# 1102
Delta R.T. -0.000 min
Lab File: VN073369.D
Acq: 07 Jul 2022 14:18

Tgt Ion: 65 Resp: 187098
Ion Ratio Lower Upper
65 100
67 51.3 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: VN073369.D

Acq: 07 Jul 2022 14:18

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

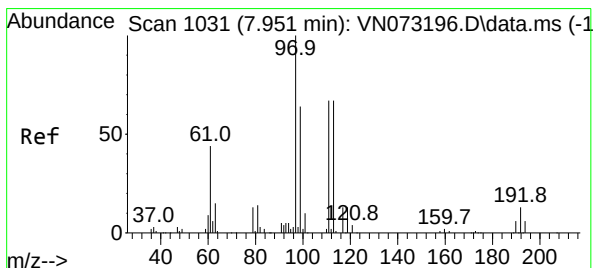
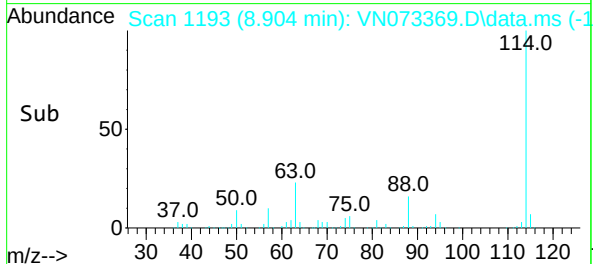
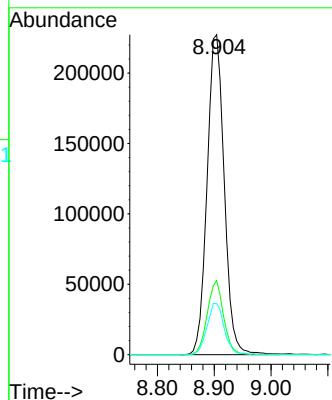
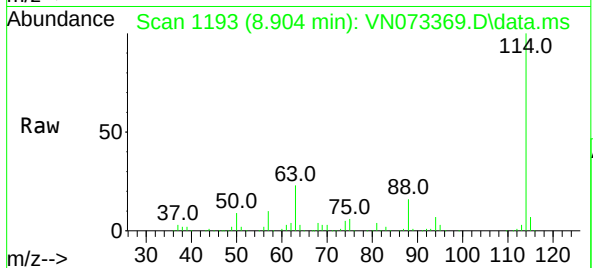
Tgt Ion:114 Resp: 474957

Ion Ratio Lower Upper

114 100

63 23.1 0.0 40.0

88 15.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.650 ug/l

RT: 7.957 min Scan# 1032

Delta R.T. 0.006 min

Lab File: VN073369.D

Acq: 07 Jul 2022 14:18

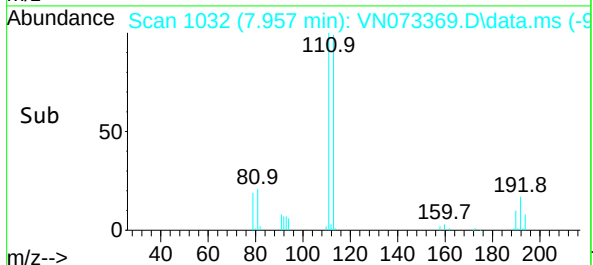
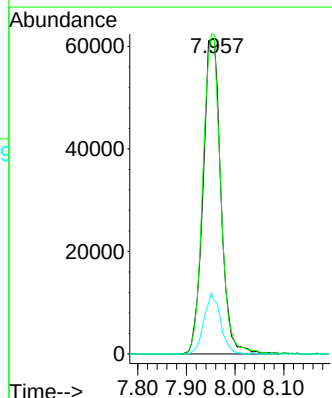
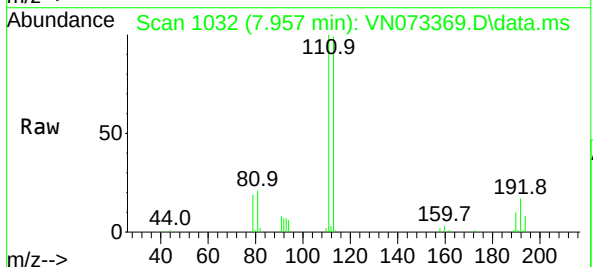
Tgt Ion:113 Resp: 156891

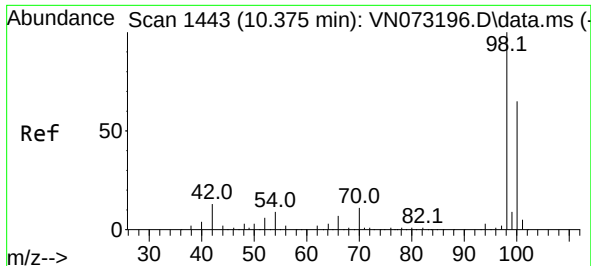
Ion Ratio Lower Upper

113 100

111 100.6 81.4 122.0

192 17.8 17.0 25.6

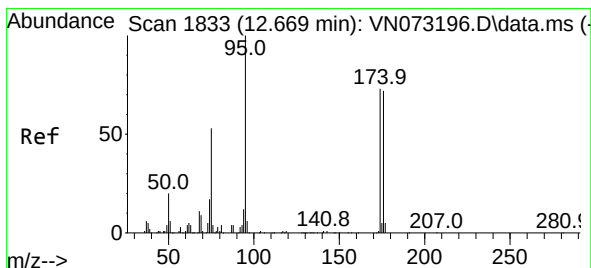
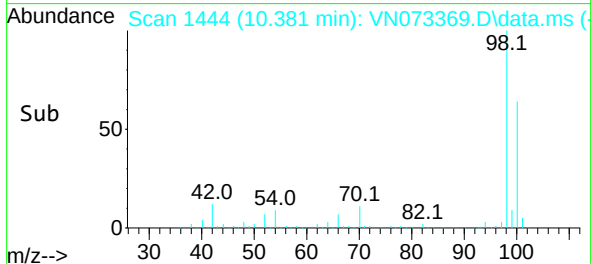
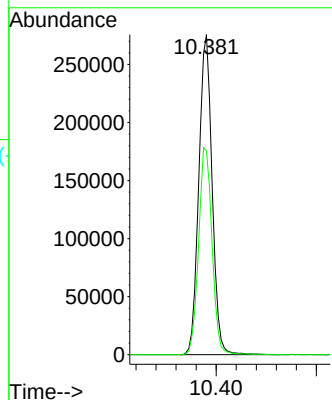
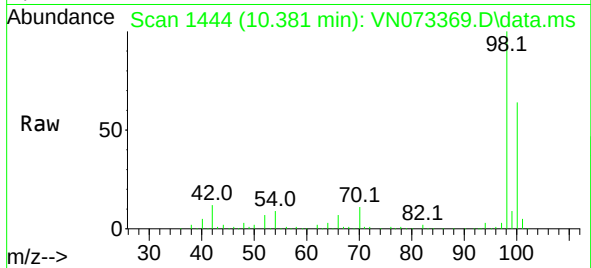




#50
Toluene-d8
Concen: 45.181 ug/l
RT: 10.381 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN073369.D
Acq: 07 Jul 2022 14:18

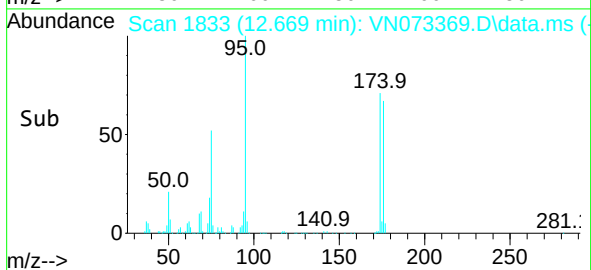
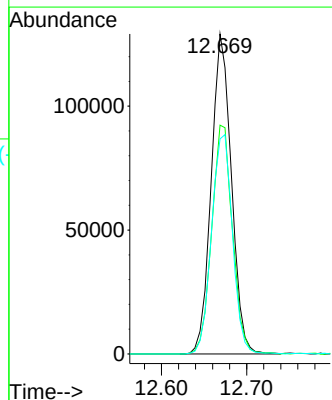
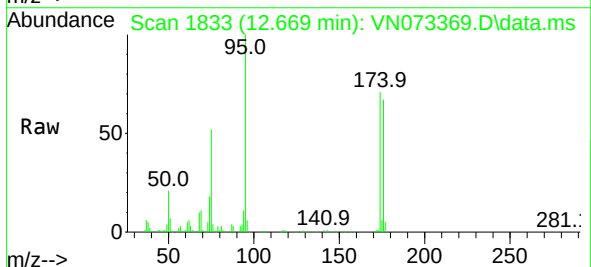
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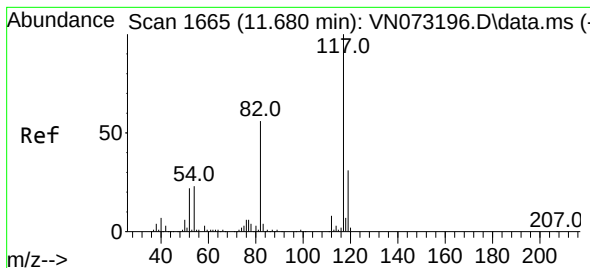
Tgt Ion: 98 Resp: 507070
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.259 ug/l
RT: 12.669 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN073369.D
Acq: 07 Jul 2022 14:18

Tgt Ion: 95 Resp: 212453
Ion Ratio Lower Upper
95 100
174 73.5 0.0 167.6
176 71.1 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: VN073369.D

Acq: 07 Jul 2022 14:18

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

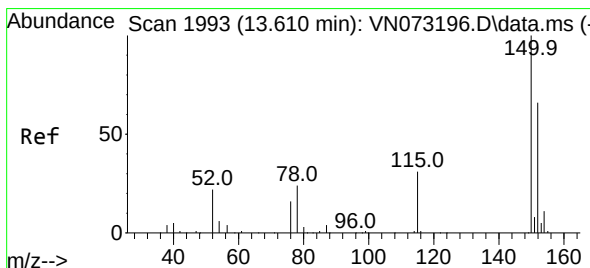
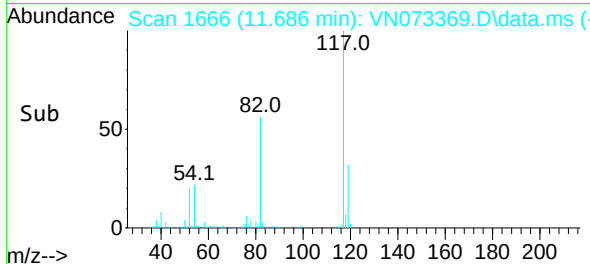
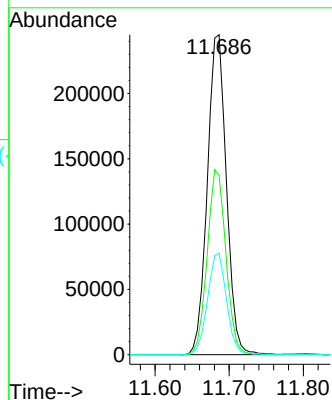
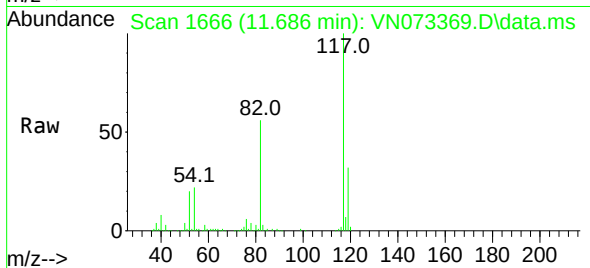
Tgt Ion:117 Resp: 437633

Ion Ratio Lower Upper

117 100

82 56.0 44.2 66.2

119 31.8 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: VN073369.D

Acq: 07 Jul 2022 14:18

Tgt Ion:152 Resp: 198587

Ion Ratio Lower Upper

152 100

115 62.8 28.9 86.7

150 156.5 0.0 356.2

