

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080522\
 Data File : VN073760.D
 Acq On : 05 Aug 2022 14:16
 Operator : JC\MD
 Sample : N4071-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Aug 07 20:50:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	383680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	604789	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	567536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	267135	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.375	65	224512	48.016	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.040%
35) Dibromofluoromethane	7.951	113	208829	54.988	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.980%
50) Toluene-d8	10.380	98	680740	45.552	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.100%
62) 4-Bromofluorobenzene	12.674	95	249952	50.052	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.100%

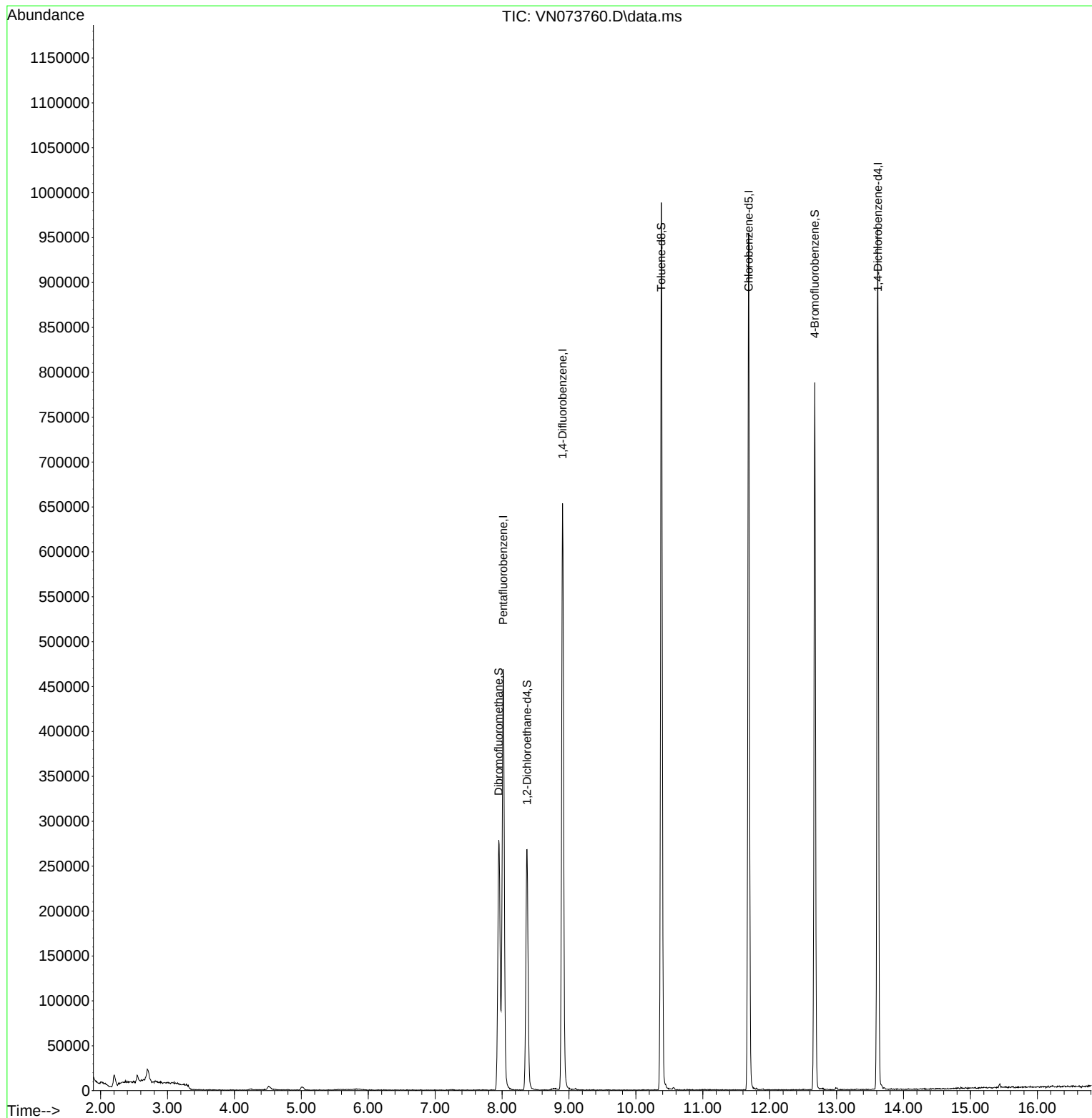
Target Compounds	Qvalue

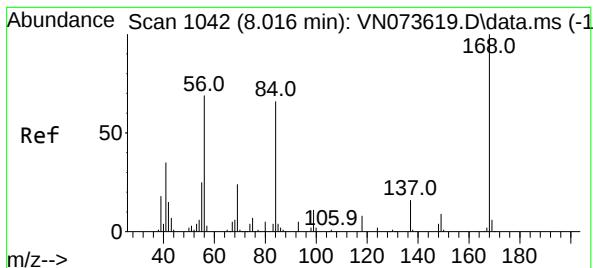
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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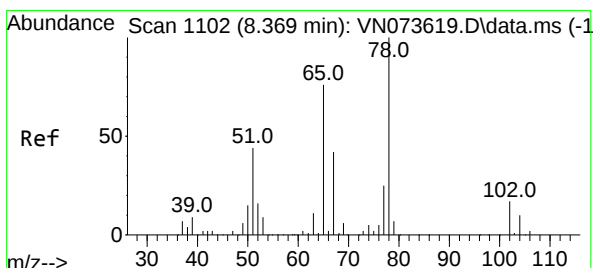
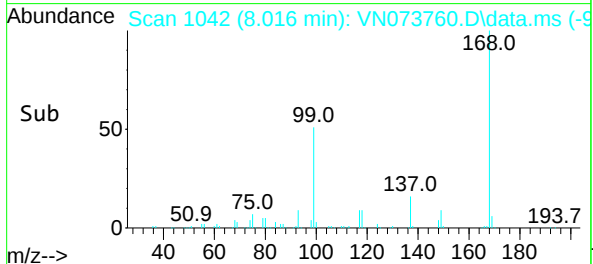
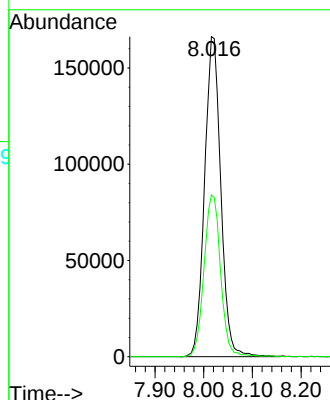
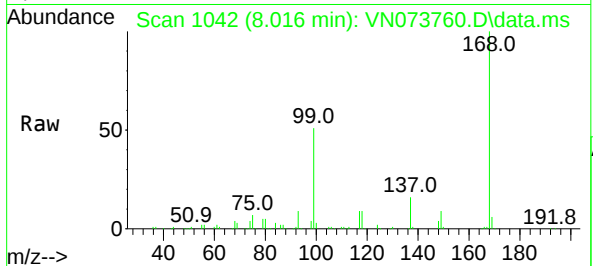




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1103
Delta R.T. -0.000 min
Lab File: VN073760.D
Acq: 05 Aug 2022 14:16

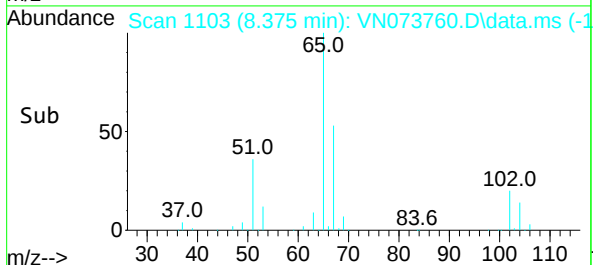
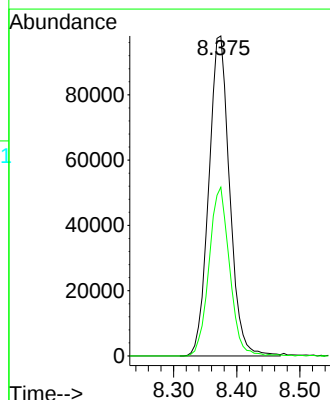
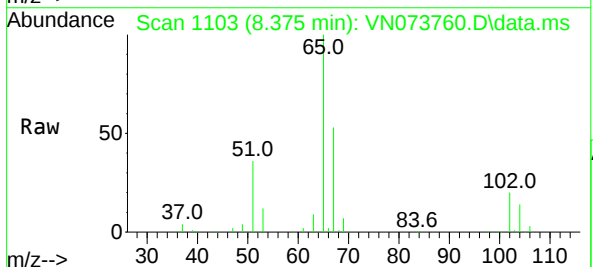
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

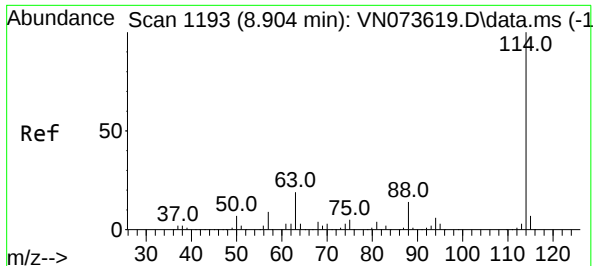
Tgt Ion:168 Resp: 383680
Ion Ratio Lower Upper
168 100
99 50.6 42.3 63.5



#33
1,2-Dichloroethane-d4
Concen: 48.016 ug/l
RT: 8.375 min Scan# 1103
Delta R.T. 0.006 min
Lab File: VN073760.D
Acq: 05 Aug 2022 14:16

Tgt Ion: 65 Resp: 224512
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.904 min Scan# 1193

Delta R.T. -0.000 min

Lab File: VN073760.D

Acq: 05 Aug 2022 14:16

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

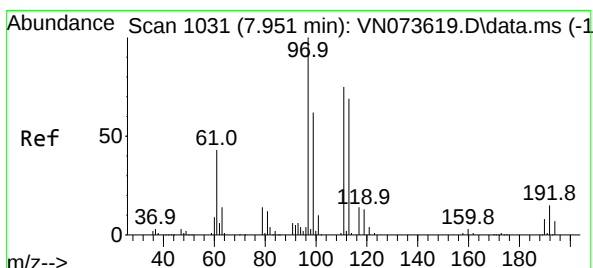
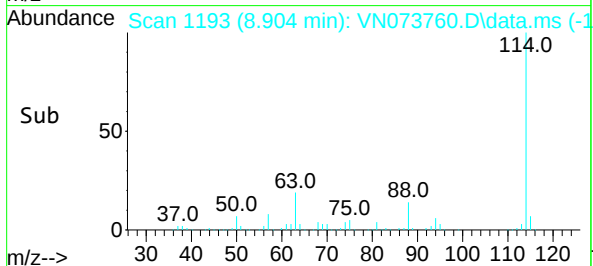
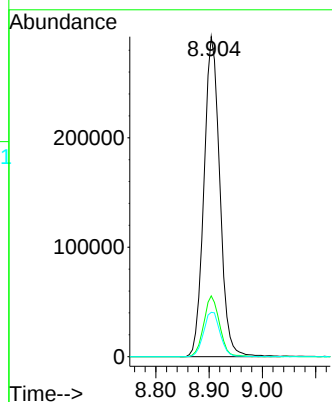
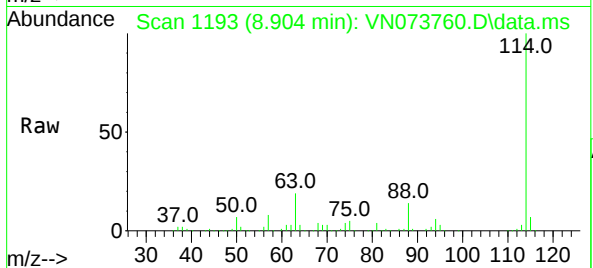
Tgt Ion:114 Resp: 604789

Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.0

88 13.8 0.0 32.6



#35

Dibromofluoromethane

Concen: 54.988 ug/l

RT: 7.951 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VN073760.D

Acq: 05 Aug 2022 14:16

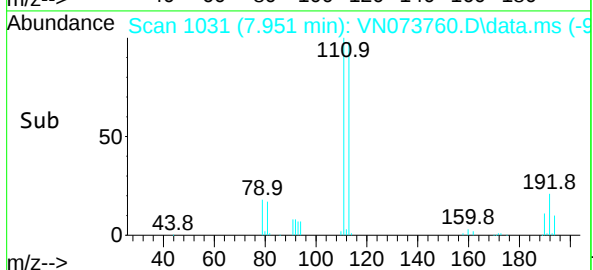
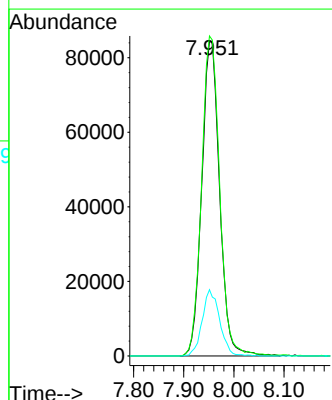
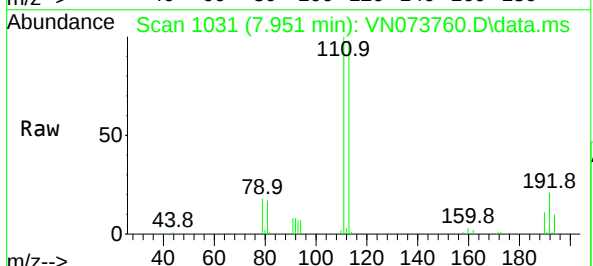
Tgt Ion:113 Resp: 208829

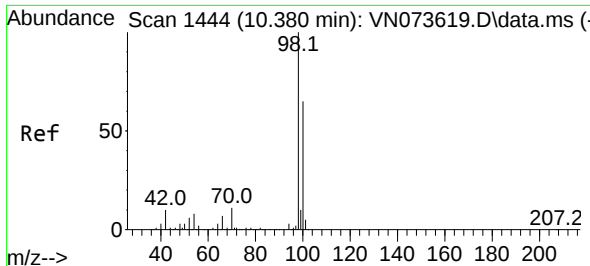
Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

192 20.6 17.0 25.6

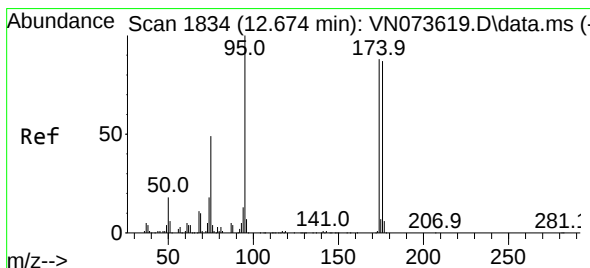
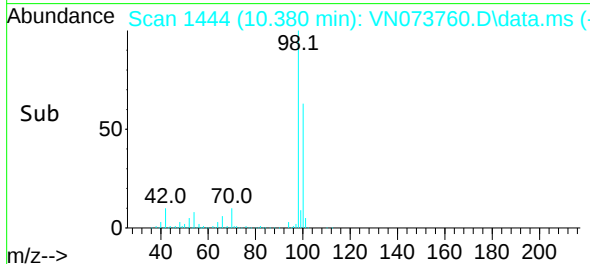
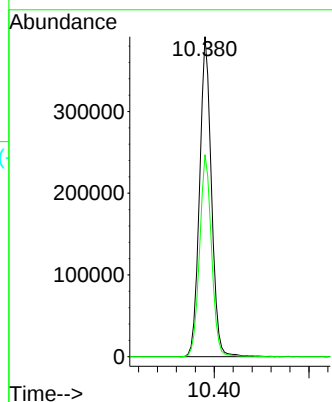
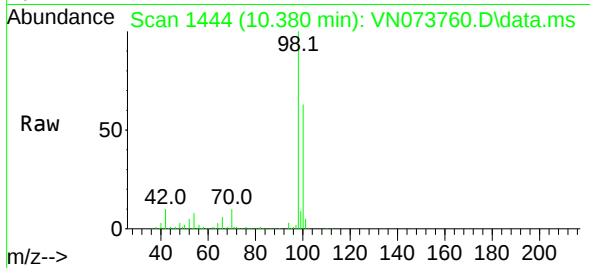




#50
Toluene-d8
Concen: 45.552 ug/l
RT: 10.380 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN073760.D
Acq: 05 Aug 2022 14:16

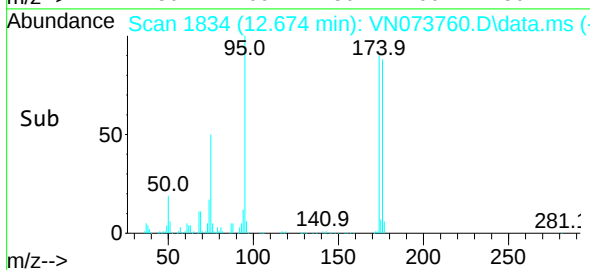
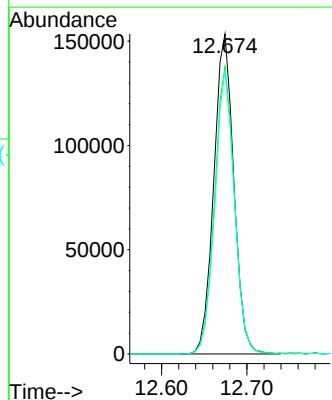
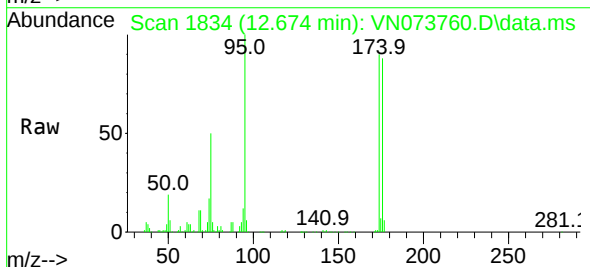
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-WATER-REF-5

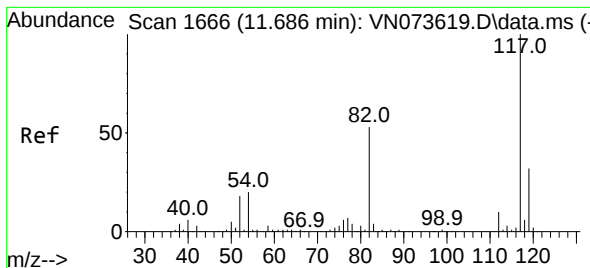
Tgt Ion: 98 Resp: 680740
Ion Ratio Lower Upper
98 100
100 63.6 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.052 ug/l
RT: 12.674 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN073760.D
Acq: 05 Aug 2022 14:16

Tgt Ion: 95 Resp: 249952
Ion Ratio Lower Upper
95 100
174 89.7 0.0 167.6
176 86.4 0.0 163.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.686 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN073760.D

Acq: 05 Aug 2022 14:16

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

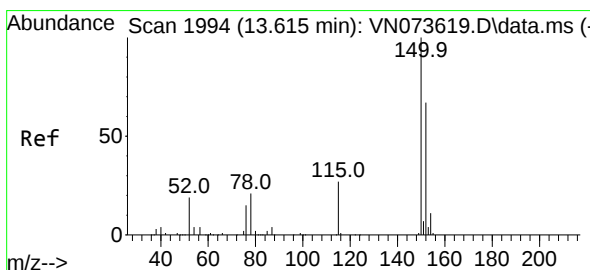
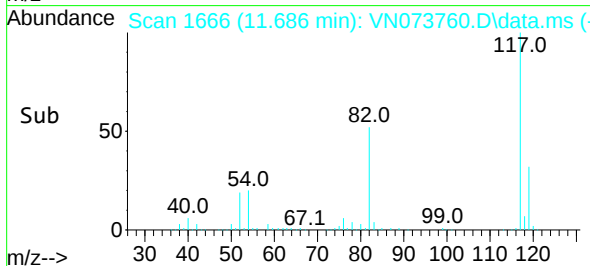
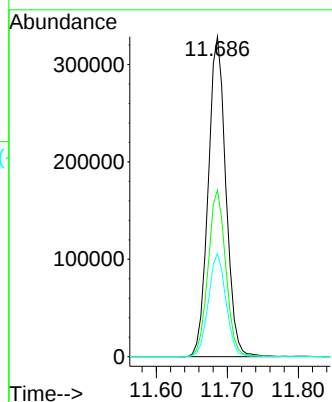
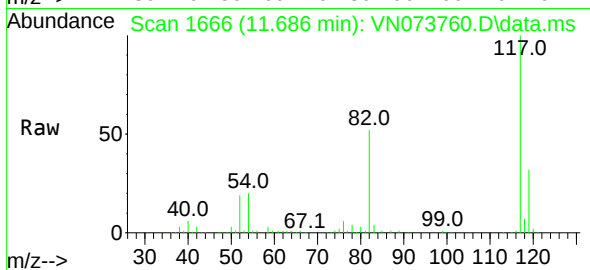
Tgt Ion:117 Resp: 567536

Ion Ratio Lower Upper

117 100

82 52.1 44.2 66.2

119 32.3 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.615 min Scan# 1994

Delta R.T. -0.000 min

Lab File: VN073760.D

Acq: 05 Aug 2022 14:16

Tgt Ion:152 Resp: 267135

Ion Ratio Lower Upper

152 100

115 56.4 28.9 86.7

150 159.5 0.0 356.2

