

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071218\
 Data File : VN049783.D
 Acq On : 12 Jul 2018 21:28
 Operator : MD\SY
 Sample : J3762-08 LOO 10ppb
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

Quant Time: Jul 13 05:03:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 12 15:51:38 2018
 Response via : Initial Calibration

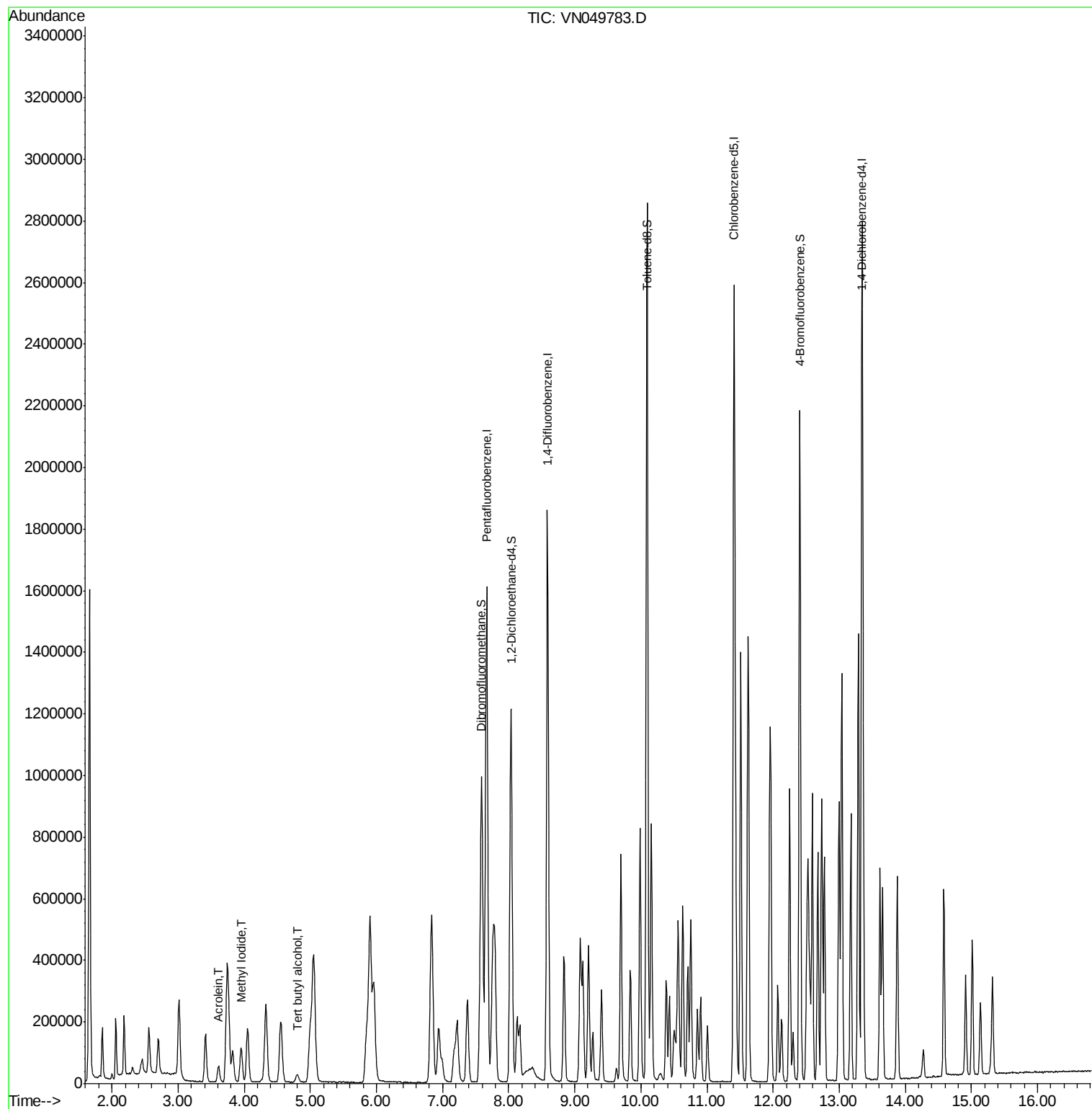
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1152506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1729561	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1564186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	748110	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	665590	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
35) Dibromofluoromethane	7.59	113	638054	48.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.88%	
50) Toluene-d8	10.09	98	2079683	46.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.20%	
62) 4-Bromofluorobenzene	12.40	95	713093	44.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.48%	
Target Compounds						
10) Methyl Iodide	3.95	142	179686	9.97	ug/l	98
11) Tert butyl alcohol	4.81	59	43348	48.31	ug/l #	90
13) Acrolein	3.61	56	59707	75.76	ug/l	98

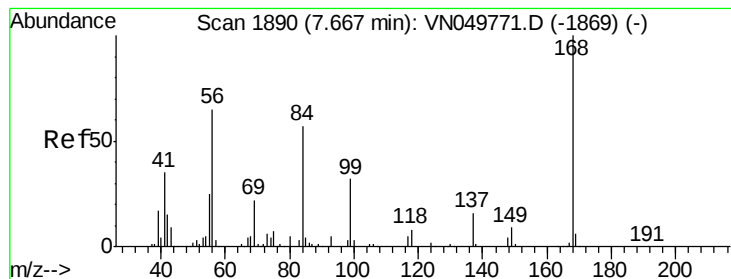
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN071218\
Data File : VN049783.D
Acq On : 12 Jul 2018 21:28
Operator : MD\SY
Sample : J3762-08 L00 10ppb
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2018

Quant Time: Jul 13 05:03:55 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N071218W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 12 15:51:38 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049783.D

Acq: 12 Jul 2018 21:28

Instrument :

MSVOA_N

ClientSampleId :

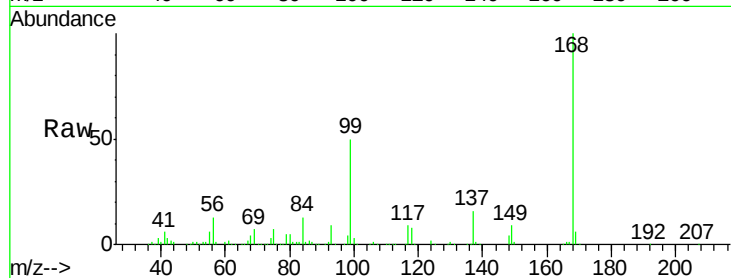
LOQ-WATER-02-QT3-2018

Tot Ion:168 Resp: 1152506

Ion Ratio Lower Upper

168 100

99 50.0 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

500000

400000

300000

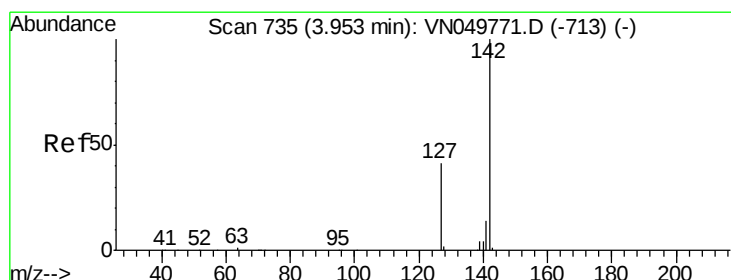
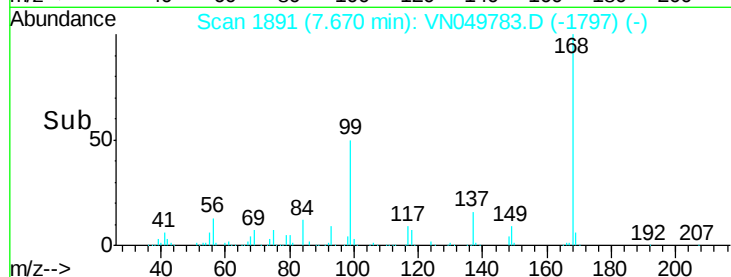
200000

100000

0

7.60 7.70 7.80

Time-->



#10

Methyl Iodide

Concen: 9.97 ug/l

RT: 3.95 min Scan# 735

Delta R.T. -0.00 min

Lab File: VN049783.D

Acq: 12 Jul 2018 21:28

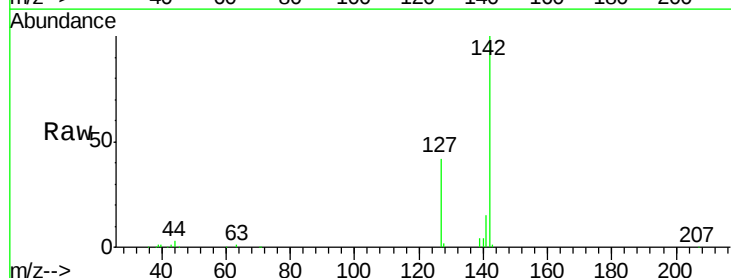
Tgt Ion:142 Resp: 179686

Ion Ratio Lower Upper

142 100

127 42.1 32.5 48.7

141 14.2 11.1 16.7



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

3.95

80000

60000

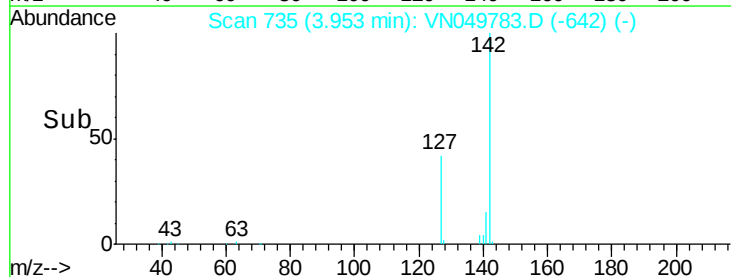
40000

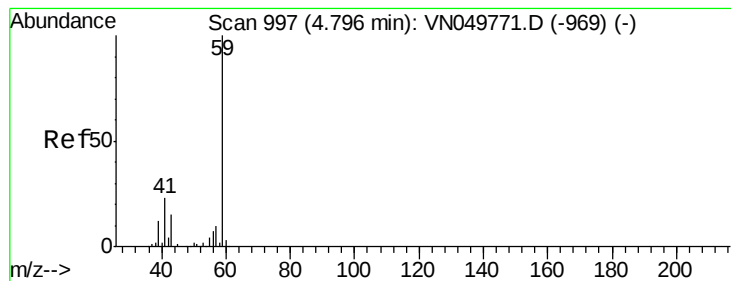
20000

0

3.90 4.00

Time-->





#11

Tert butyl alcohol

Concen: 48.31 ug/l

RT: 4.81 min Scan# 1000

Delta R.T. 0.01 min

Lab File: VN049783.D

Acq: 12 Jul 2018 21:28

Instrument :

MSVOA_N

ClientSampleId :

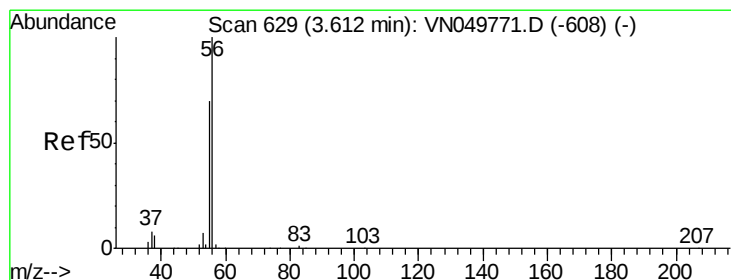
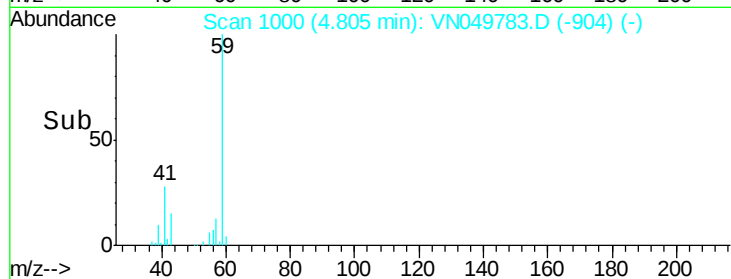
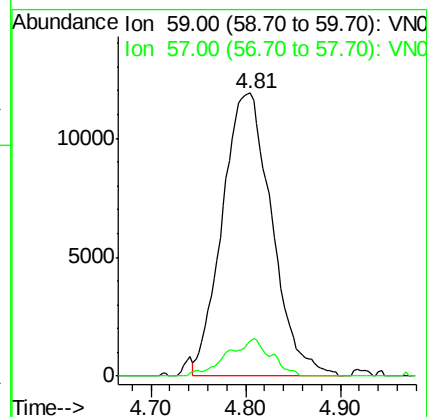
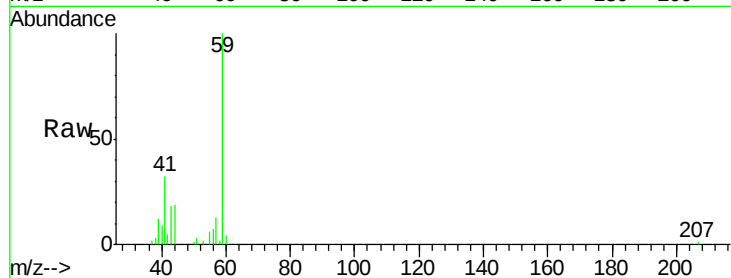
LOQ-WATER-02-QT3-2018

Tot Ion: 59 Resp: 43348

Ion Ratio Lower Upper

59 100

57 6.9 8.5 12.7#



#13

Acrolein

Concen: 75.76 ug/l

RT: 3.61 min Scan# 628

Delta R.T. -0.00 min

Lab File: VN049783.D

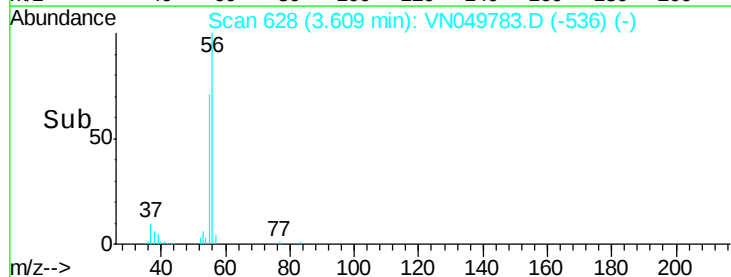
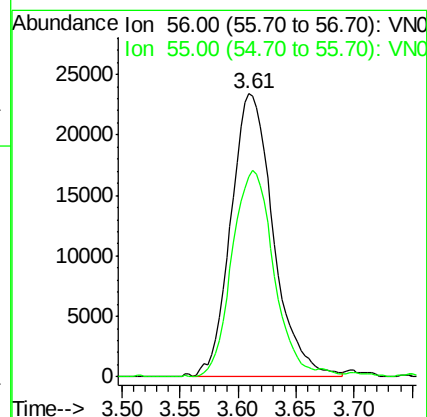
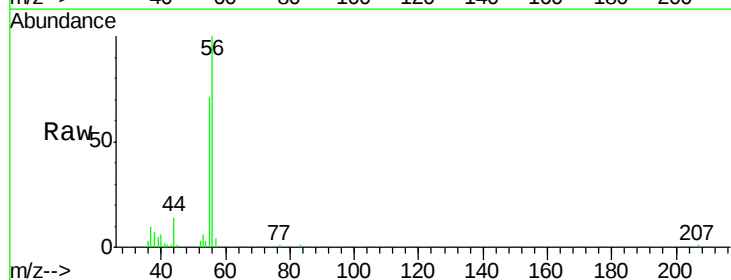
Acq: 12 Jul 2018 21:28

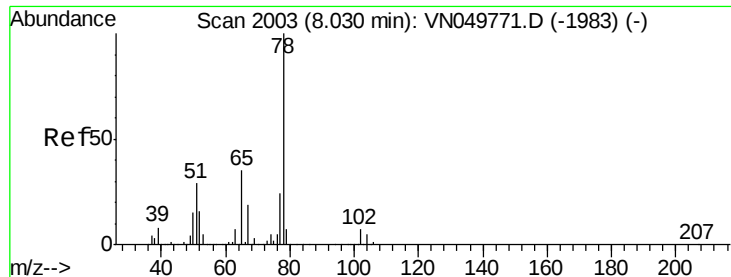
Tgt Ion: 56 Resp: 59707

Ion Ratio Lower Upper

56 100

55 71.3 55.8 83.8





#33

1,2-Dichloroethane-d4

Concen: 49.65 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. -0.00 min

Lab File: VN049783.D

Acq: 12 Jul 2018 21:28

Instrument :

MSVOA_N

ClientSampleId :

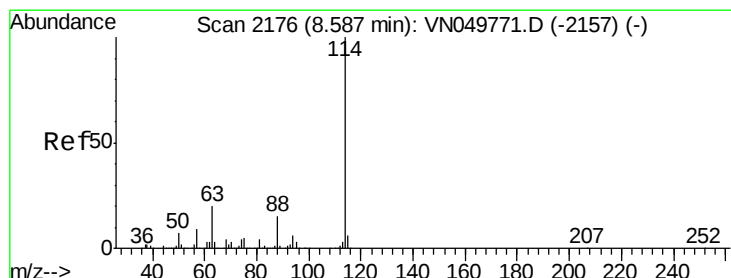
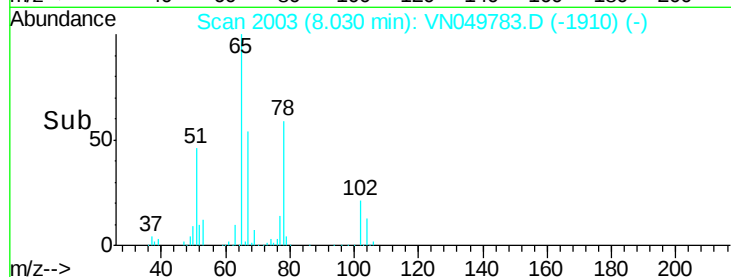
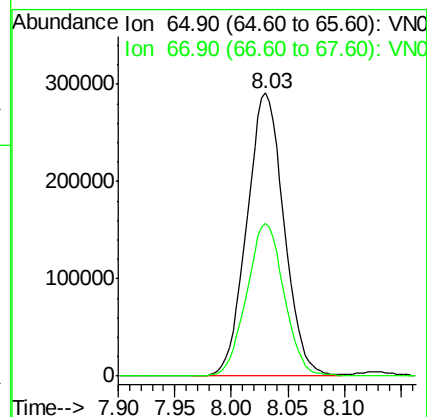
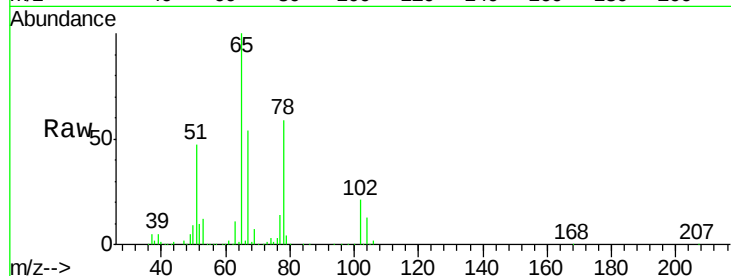
LOQ-WATER-02-QT3-2018

Tot Ion: 65 Resp: 665590

Ion Ratio Lower Upper

65 100

67 54.3 0.0 107.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049783.D

Acq: 12 Jul 2018 21:28

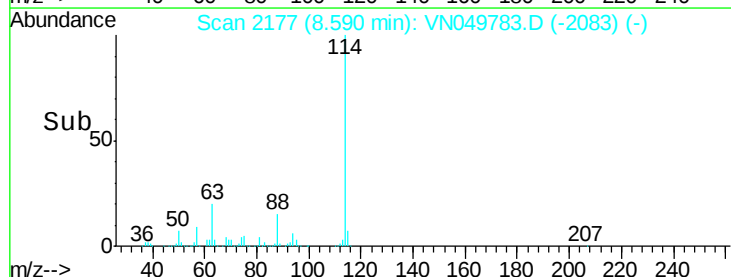
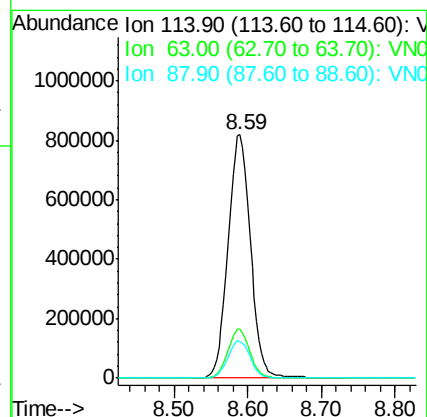
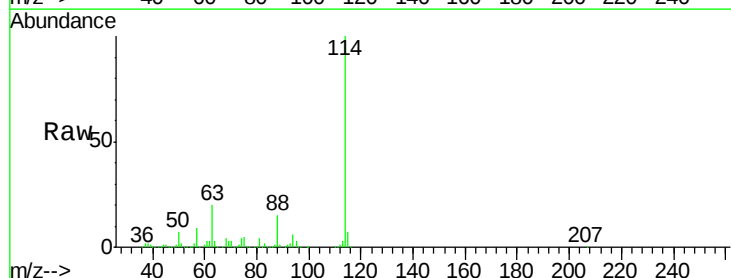
Tgt Ion: 114 Resp: 1729561

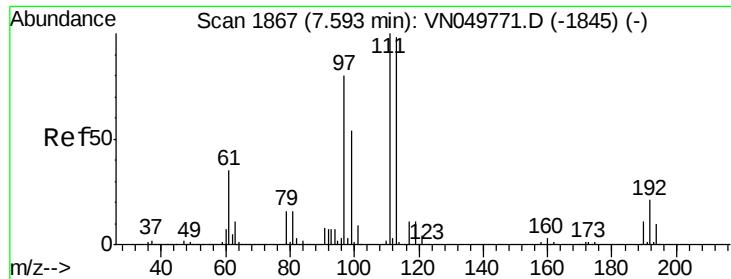
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.8

88 15.0 0.0 30.6

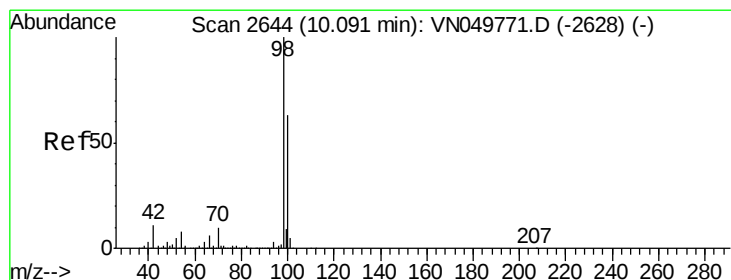
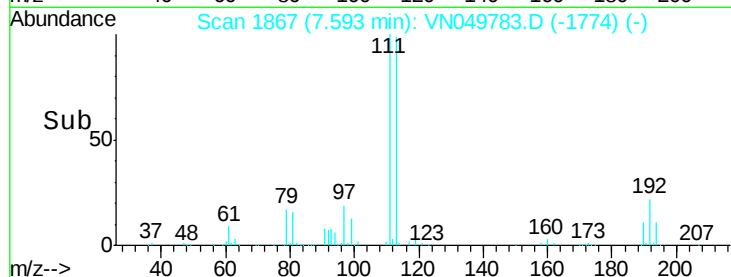
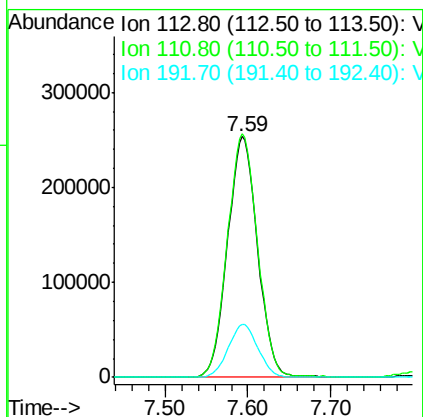
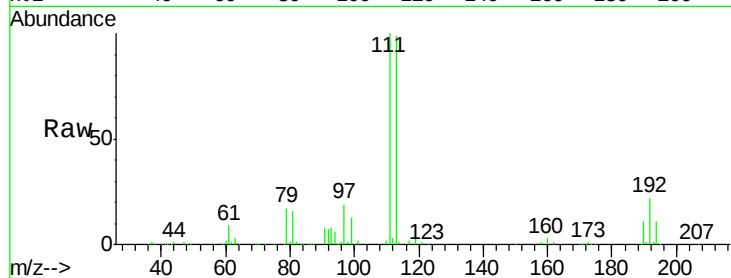




#35
Dibromofluoromethane
Concen: 48.94 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN049783.D
Acq: 12 Jul 2018 21:28

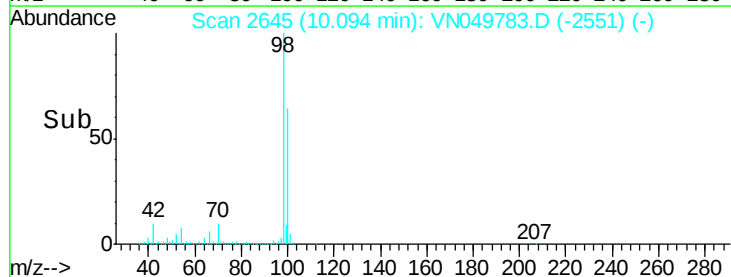
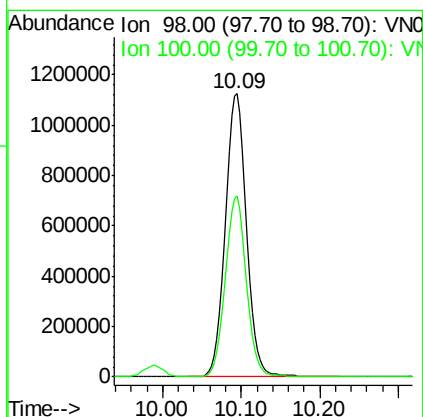
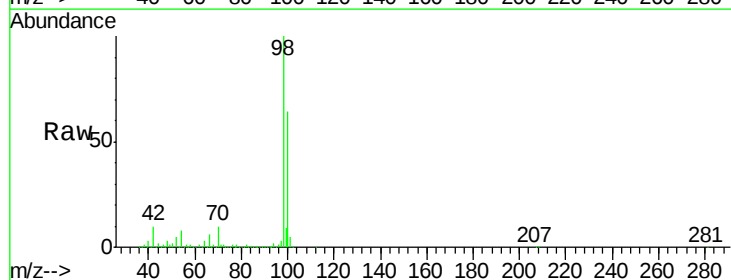
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT3-2018

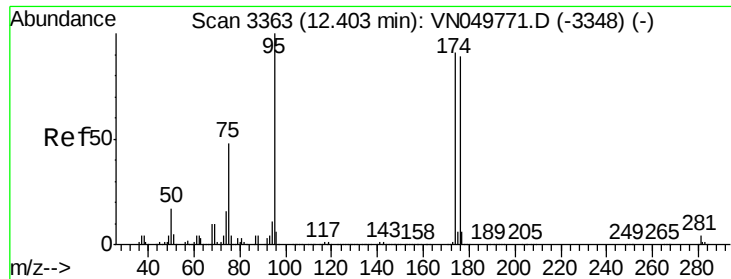
Tot Ion:113 Resp: 638054
Ion Ratio Lower Upper
113 100
111 101.8 81.8 122.8
192 22.0 17.8 26.6



#50
Toluene-d8
Concen: 46.60 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049783.D
Acq: 12 Jul 2018 21:28

Tgt Ion: 98 Resp: 2079683
Ion Ratio Lower Upper
98 100
100 63.6 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 44.74 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049783.D

Acq: 12 Jul 2018 21:28

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2018

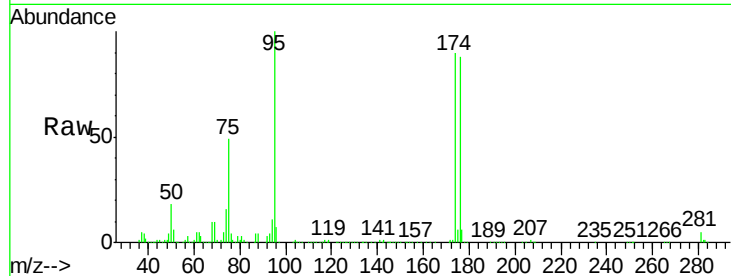
Tot Ion: 95 Resp: 713093

Ion Ratio Lower Upper

95 100

174 91.1 0.0 179.6

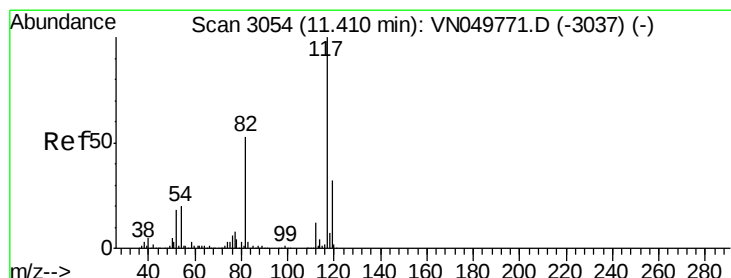
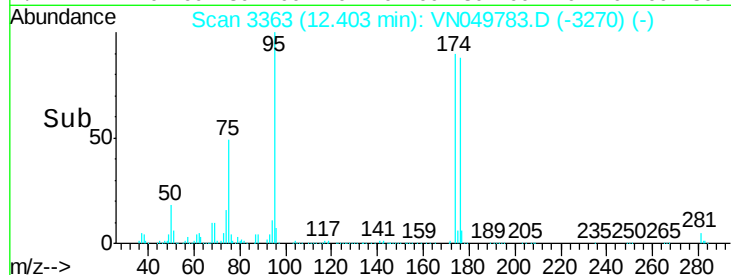
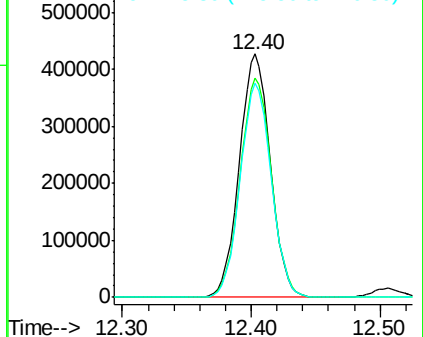
176 87.9 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049783.D

Acq: 12 Jul 2018 21:28

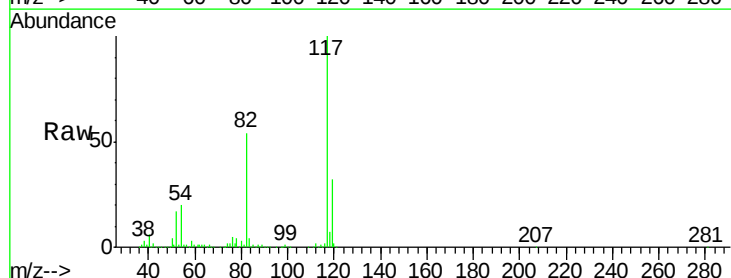
Tgt Ion: 117 Resp: 1564186

Ion Ratio Lower Upper

117 100

82 53.6 41.9 62.9

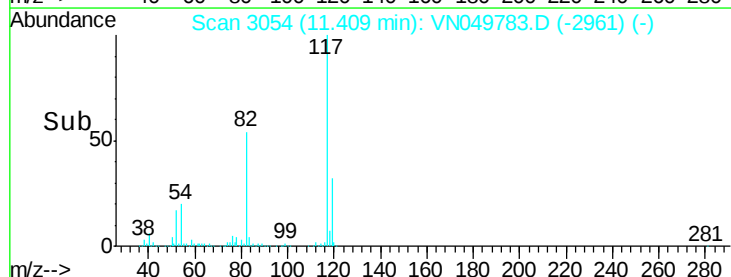
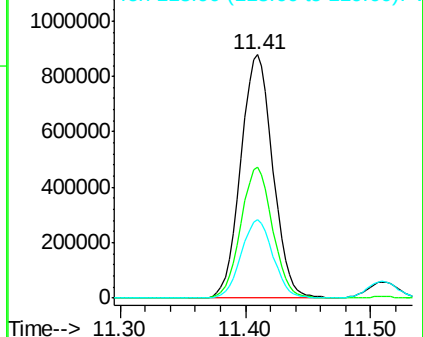
119 32.1 25.4 38.2

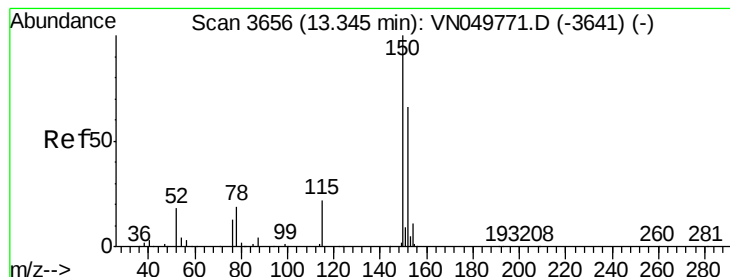


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. -0.00 min

Lab File: VN049783.D

Acq: 12 Jul 2018 21:28

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2018

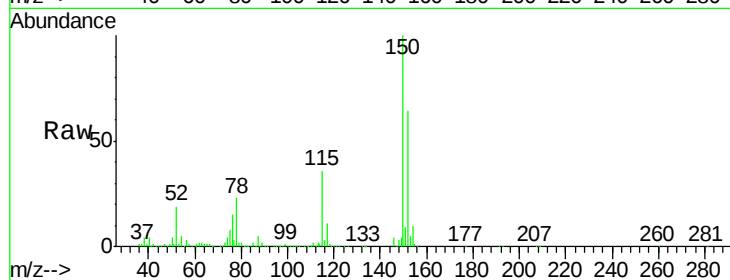
Tot Ion:152 Resp: 748110

Ion Ratio Lower Upper

152 100

115 56.6 28.1 84.2

150 160.6 0.0 347.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

