

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071318\
 Data File : VN049795.D
 Acq On : 13 Jul 2018 14:23
 Operator : MD\SY
 Sample : J3762-08 LOO 10ppb
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jul 16 04:12:21 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

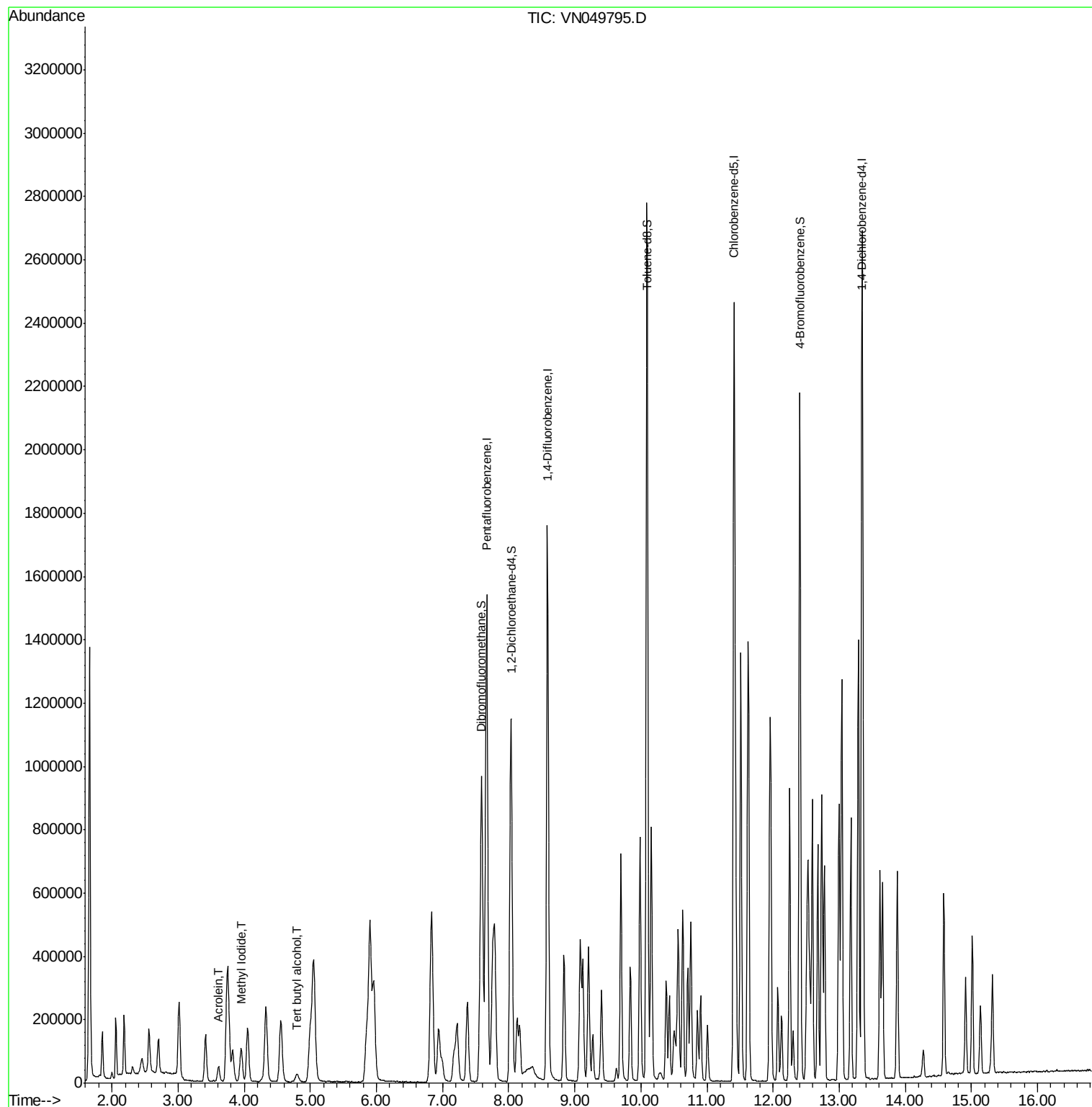
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1104172	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1636124	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1489785	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	724402	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	649563	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.14%	
35) Dibromofluoromethane	7.59	113	618434	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
50) Toluene-d8	10.09	98	2027158	48.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.04%	
62) 4-Bromofluorobenzene	12.40	95	702527	46.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.18%	
Target Compounds						
10) Methyl Iodide	3.95	142	174195	10.09	ug/l	98
11) Tert butyl alcohol	4.80	59	44570	51.85	ug/l	100
13) Acrolein	3.61	56	53884	71.36	ug/l	97

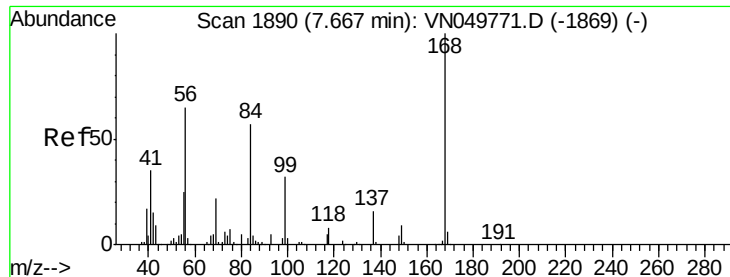
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

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Acq: 13 Jul 2018 14:23

Instrument :

MSVOA_N

ClientSampleId :

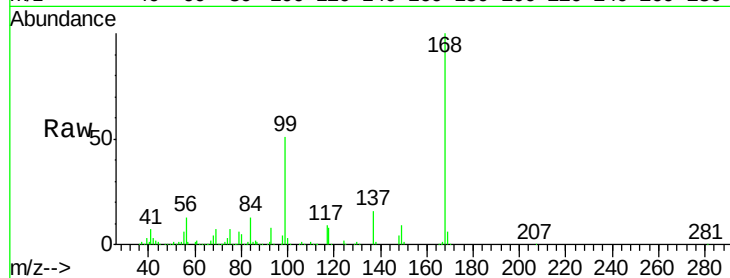
LOQ-WATER-02-QT3-2018

Tot Ion:168 Resp: 1104172

Ion Ratio Lower Upper

168 100

99 50.4 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

400000

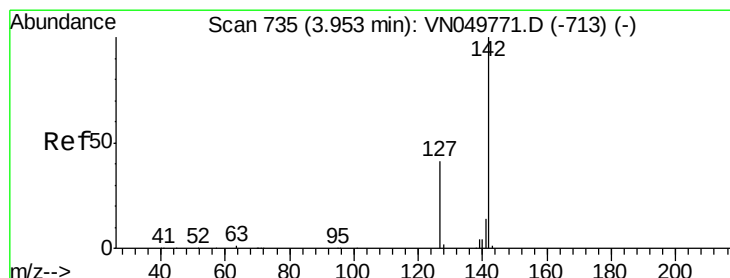
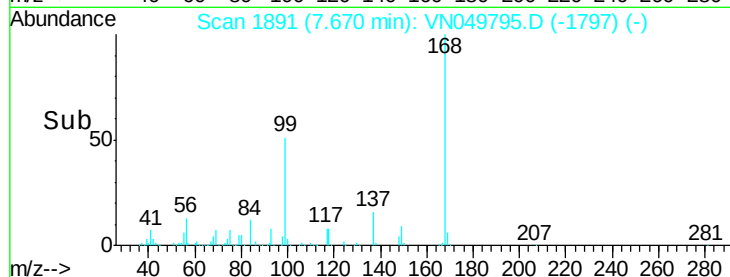
300000

200000

100000

0

Time-->



#10

Methyl Iodide

Concen: 10.09 ug/l

RT: 3.95 min Scan# 735

Delta R.T. 0.00 min

Lab File: VN049795.D

Acq: 13 Jul 2018 14:23

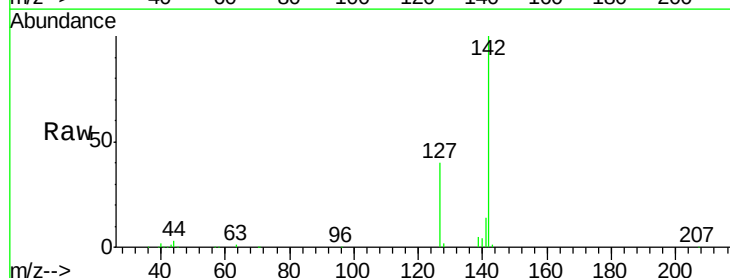
Tgt Ion:142 Resp: 174195

Ion Ratio Lower Upper

142 100

127 42.0 32.5 48.7

141 14.6 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

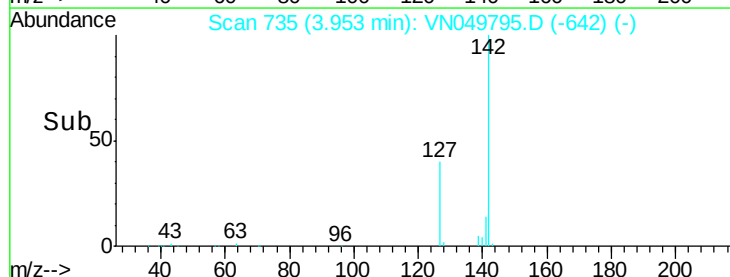
60000

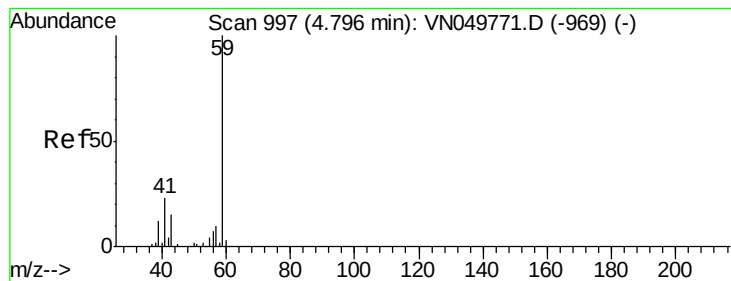
40000

20000

0

Time-->





#11

Tert butyl alcohol

Concen: 51.85 ug/l

RT: 4.80 min Scan# 998

Delta R.T. 0.00 min

Lab File: VN049795.D

Acq: 13 Jul 2018 14:23

Instrument :

MSVOA_N

ClientSampleId :

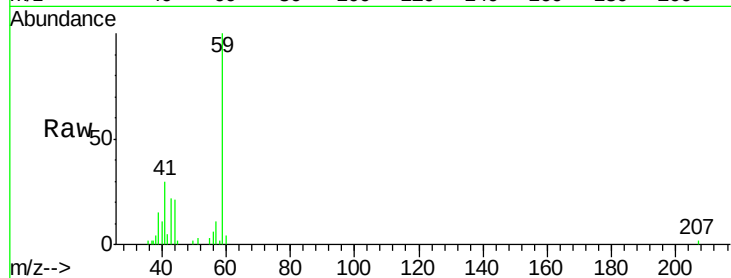
LOQ-WATER-02-QT3-2018

Tot Ion: 59 Resp: 44570

Ion Ratio Lower Upper

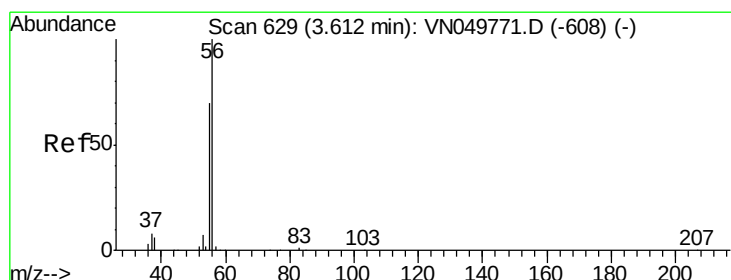
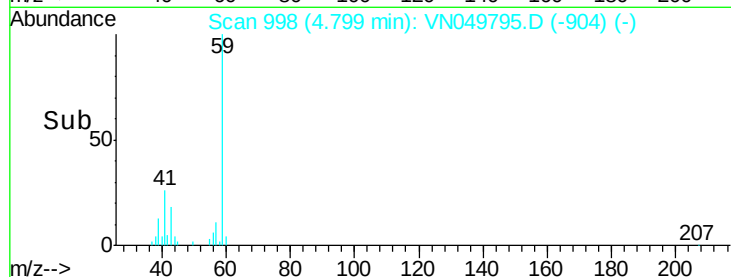
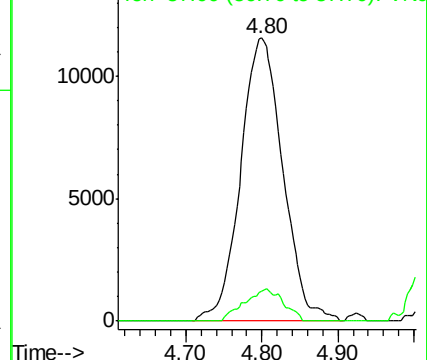
59 100

57 10.4 8.5 12.7



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#13

Acrolein

Concen: 71.36 ug/l

RT: 3.61 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN049795.D

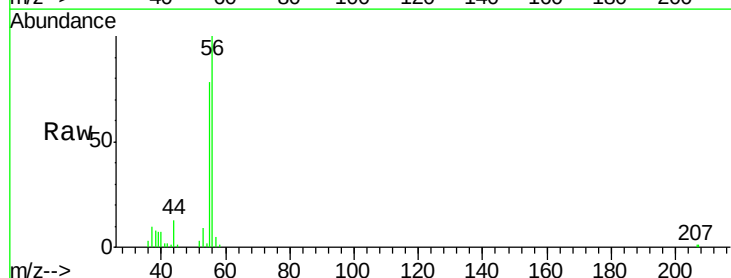
Acq: 13 Jul 2018 14:23

Tgt Ion: 56 Resp: 53884

Ion Ratio Lower Upper

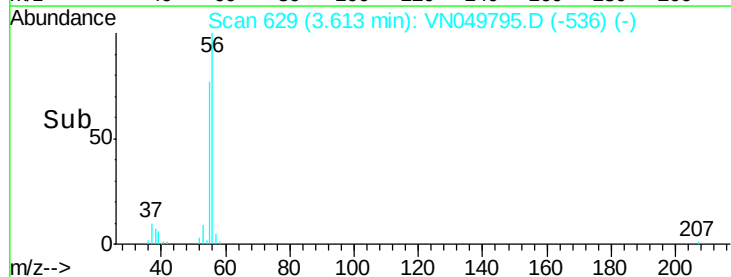
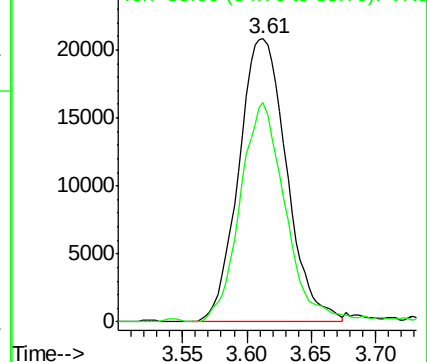
56 100

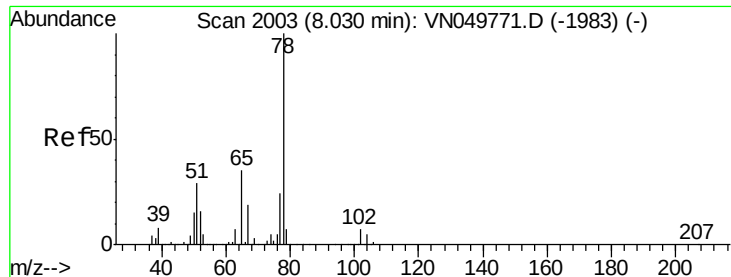
55 72.6 55.8 83.8



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

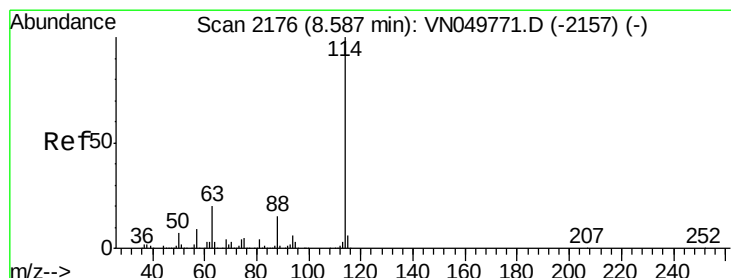
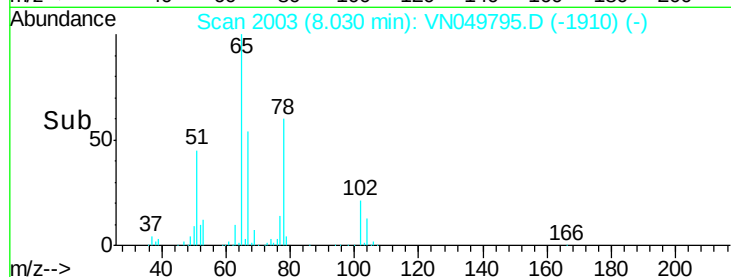
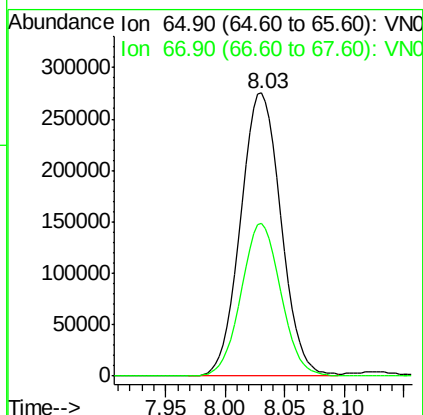
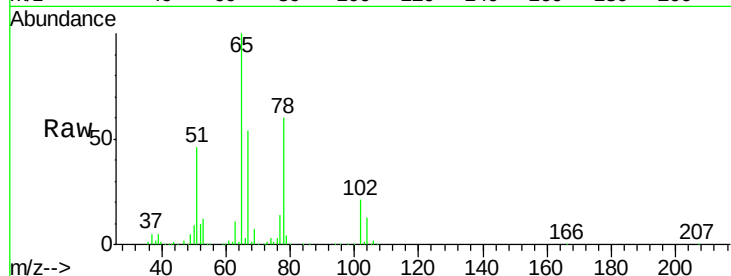




#33
 1,2-Dichloroethane-d4
 Concen: 50.57 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049795.D
 Acq: 13 Jul 2018 14:23

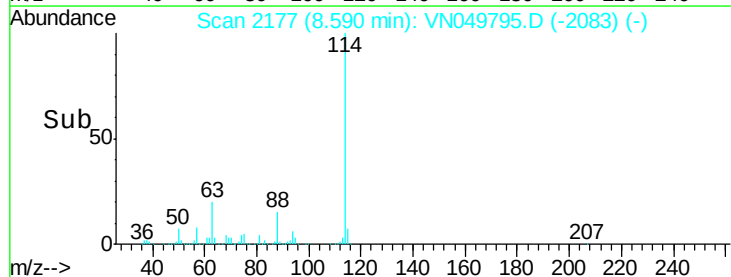
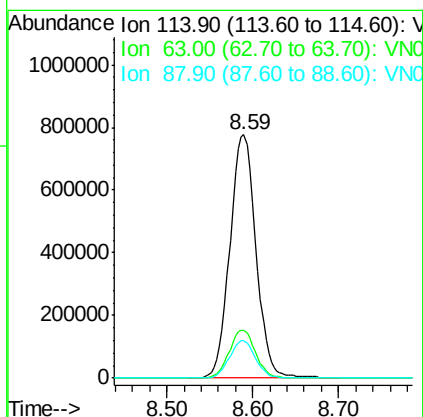
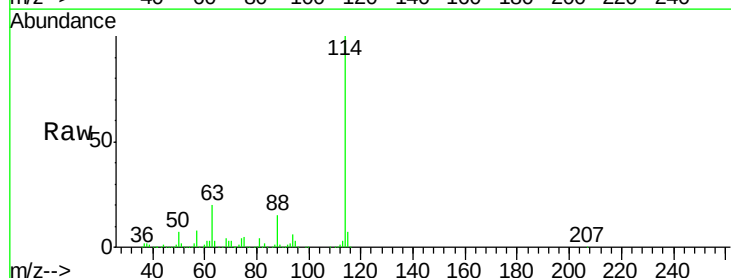
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

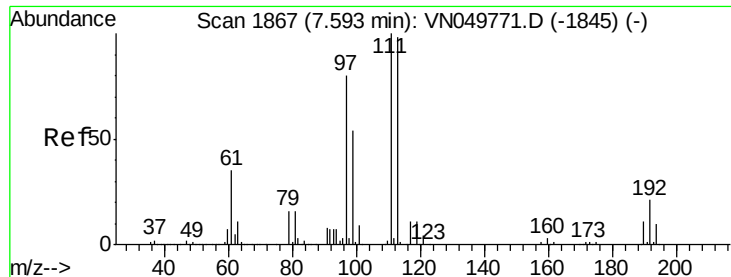
Tot Ion: 65 Resp: 649563
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049795.D
 Acq: 13 Jul 2018 14:23

Tgt Ion: 114 Resp: 1636124
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.8
 88 15.2 0.0 30.6

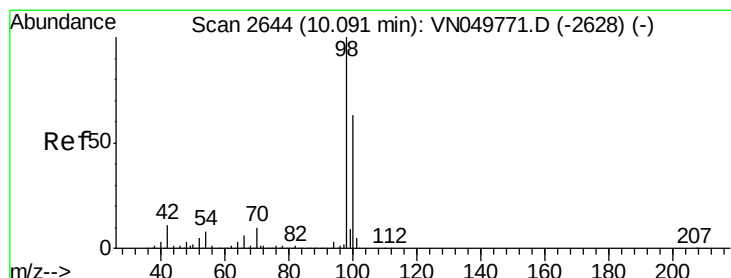
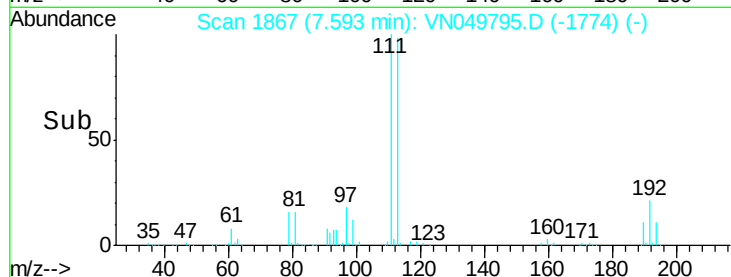
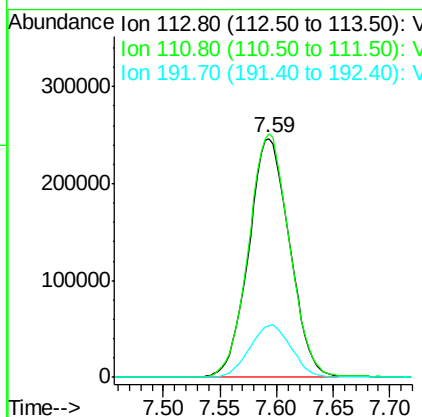
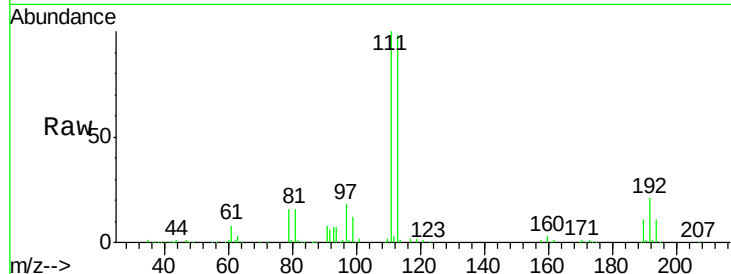




#35
 Dibromofluoromethane
 Concen: 50.15 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049795.D
 Acq: 13 Jul 2018 14:23

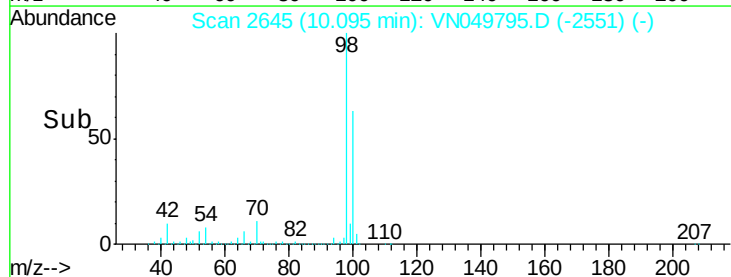
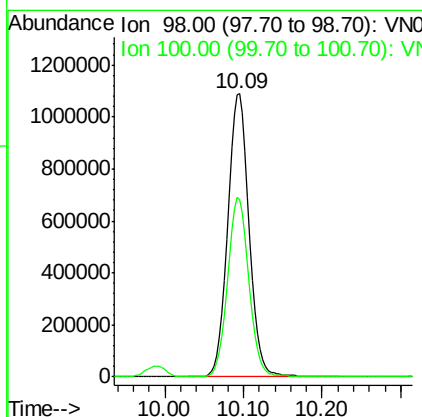
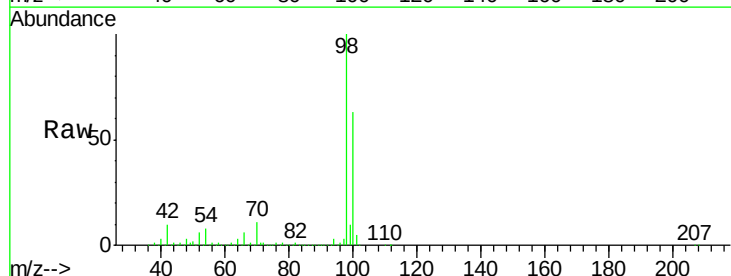
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

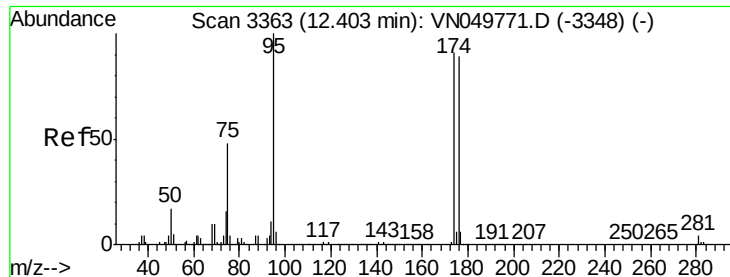
Tot Ion:113 Resp: 618434
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.8 122.8
 192 22.3 17.8 26.6



#50
 Toluene-d8
 Concen: 48.02 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN049795.D
 Acq: 13 Jul 2018 14:23

Tgt Ion: 98 Resp: 2027158
 Ion Ratio Lower Upper
 98 100
 100 63.0 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 46.59 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049795.D

Acq: 13 Jul 2018 14:23

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2018

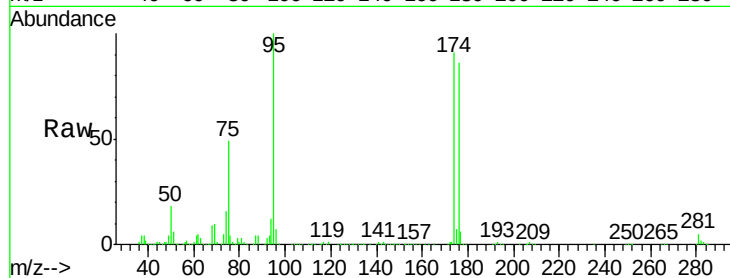
Tot Ion: 95 Resp: 702527

Ion Ratio Lower Upper

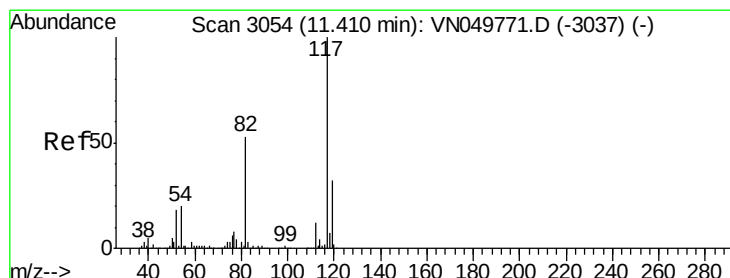
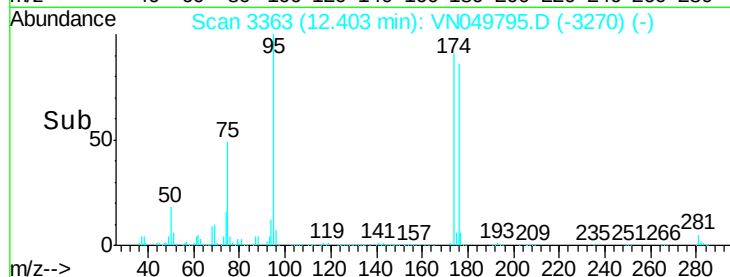
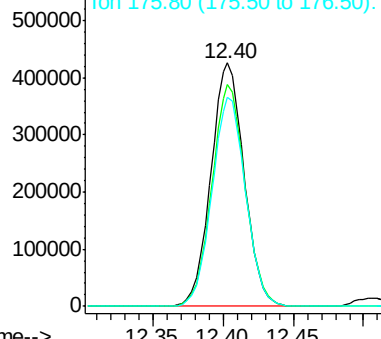
95 100

174 91.1 0.0 179.6

176 87.0 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN049771.D (-3348) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049795.D

Acq: 13 Jul 2018 14:23

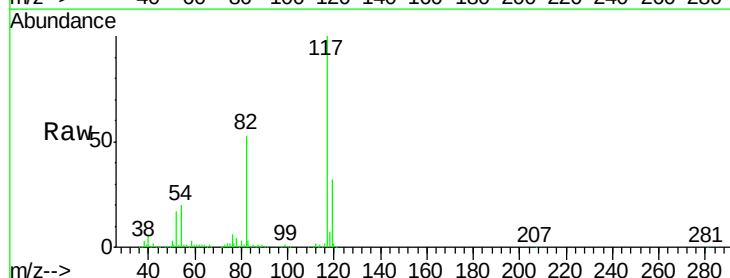
Tgt Ion: 117 Resp: 1489785

Ion Ratio Lower Upper

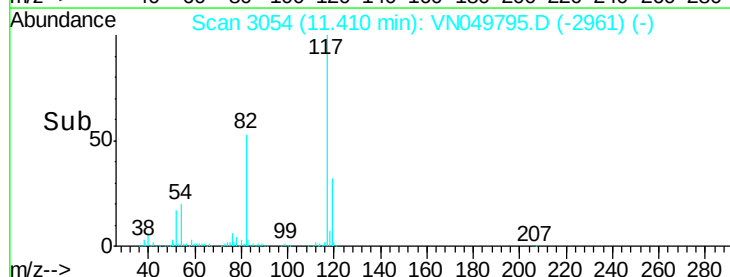
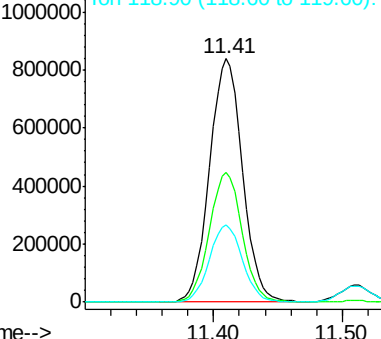
117 100

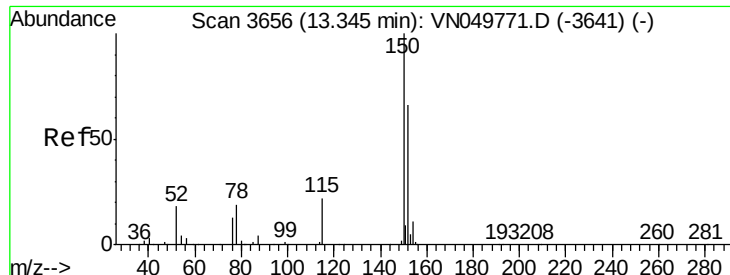
82 53.4 41.9 62.9

119 31.6 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): VN049771.D (-3037) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049795.D

Acq: 13 Jul 2018 14:23

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT3-2018

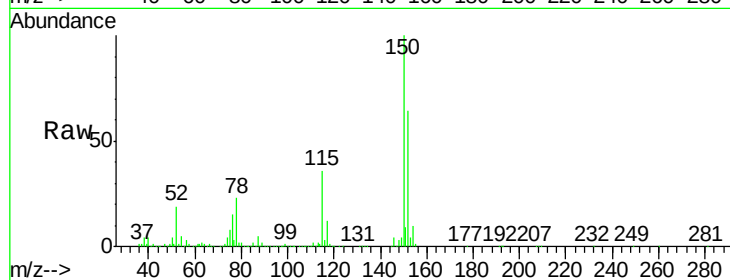
Tot Ion:152 Resp: 724402

Ion Ratio Lower Upper

152 100

115 55.8 28.1 84.2

150 159.6 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

