

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111418\
 Data File : VN052320.D
 Acq On : 14 Nov 2018 18:28
 Operator : MD\SY
 Sample : J5164-08 10ppb
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2018

Quant Time: Nov 15 04:12:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

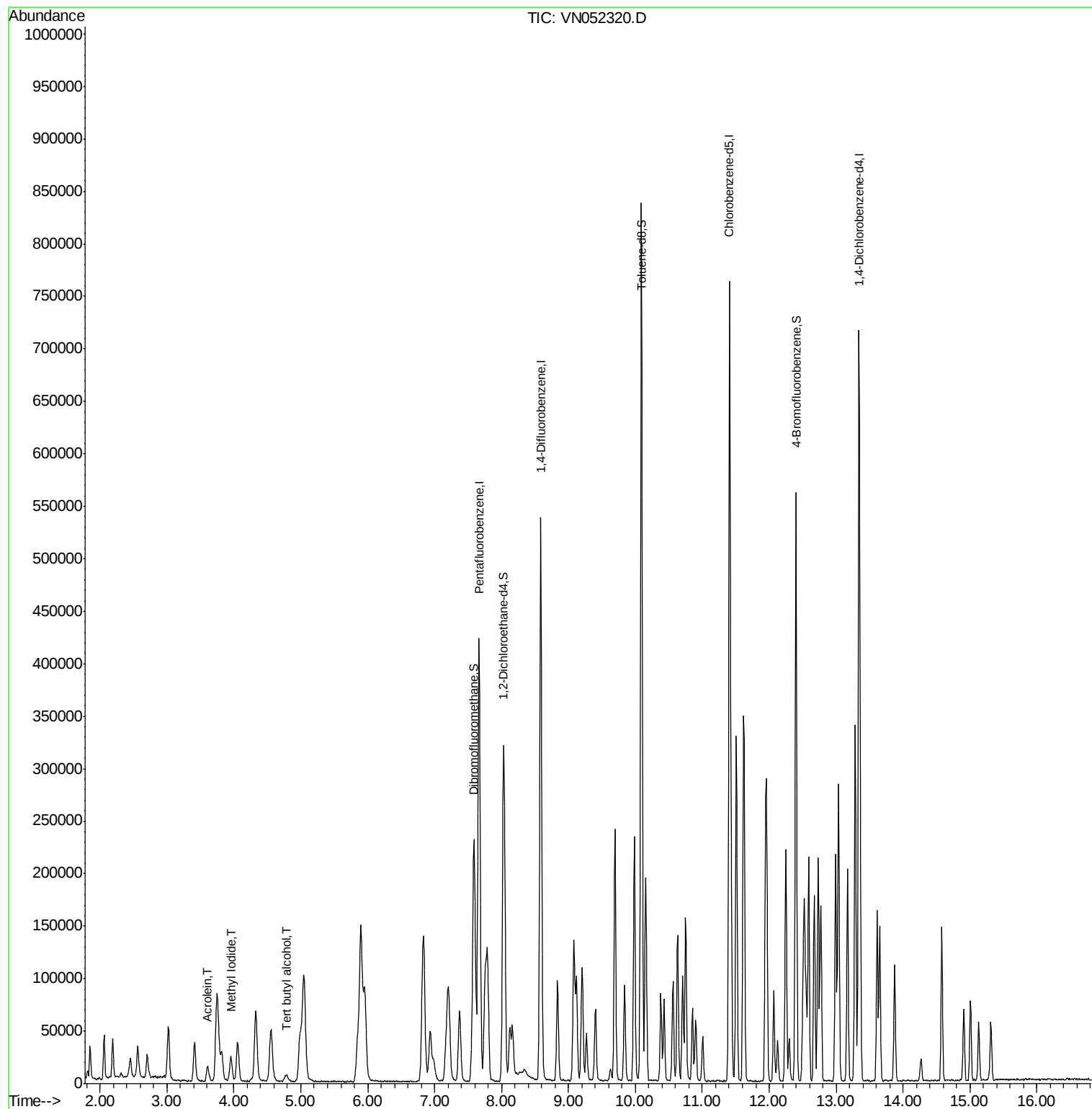
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	259091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	445521	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	393300	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	165410	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	186003	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
35) Dibromofluoromethane	7.59	113	144150	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	
50) Toluene-d8	10.09	98	558006	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
62) 4-Bromofluorobenzene	12.40	95	176326	47.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.82%	
Target Compounds						
10) Methyl Iodide	3.96	142	36113	9.332	ug/l	100
11) Tert butyl alcohol	4.78	59	10367	53.645	ug/l	99
13) Acrolein	3.61	56	15874	71.487	ug/l	98

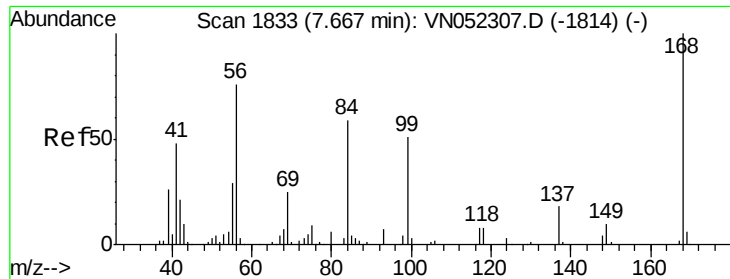
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN111418\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052320.D

Acq: 14 Nov 2018 18:28

Instrument :

MSVOA_N

ClientSampleId :

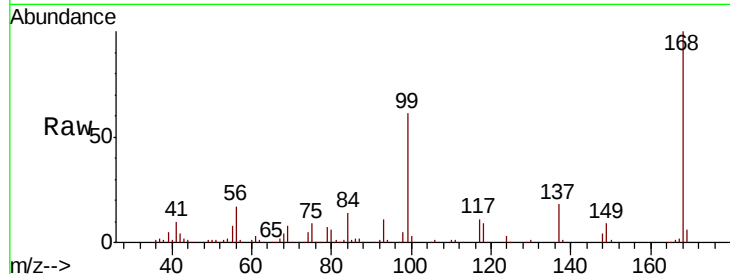
LOQ-WATER-02-QT4-2018

Tot Ion:168 Resp: 259091

Ion Ratio Lower Upper

168 100

99 60.7 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

120000

100000

80000

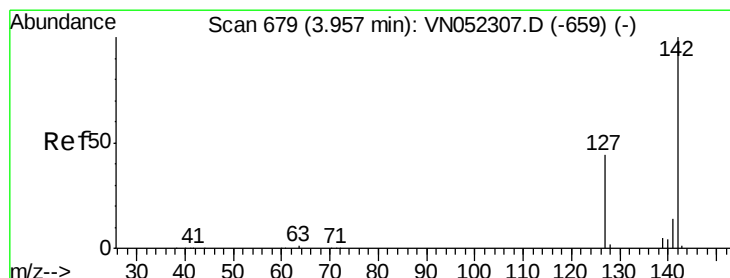
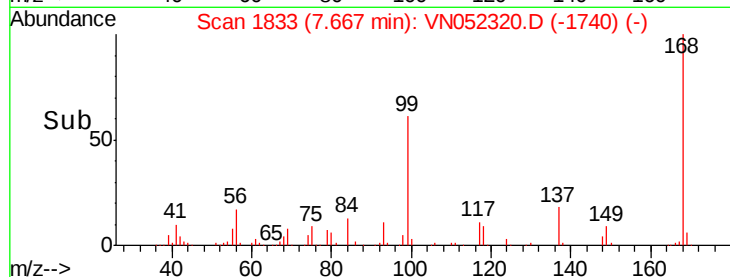
60000

40000

20000

0

Time-->



#10

Methyl Iodide

Concen: 9.332 ug/l

RT: 3.96 min Scan# 680

Delta R.T. 0.00 min

Lab File: VN052320.D

Acq: 14 Nov 2018 18:28

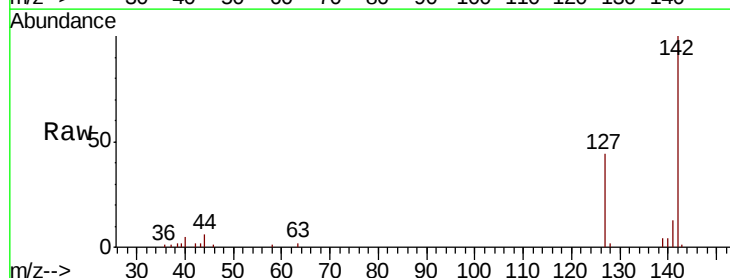
Tgt Ion:142 Resp: 36113

Ion Ratio Lower Upper

142 100

127 45.3 36.3 54.5

141 14.8 11.4 17.2



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

3.96

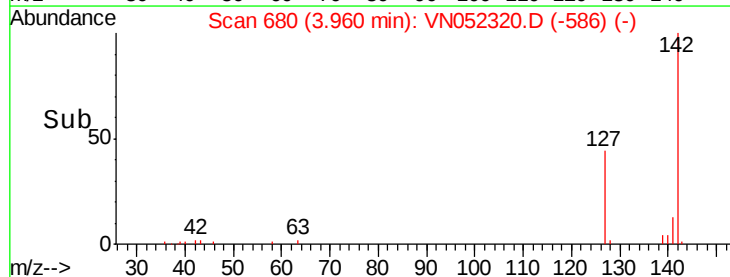
15000

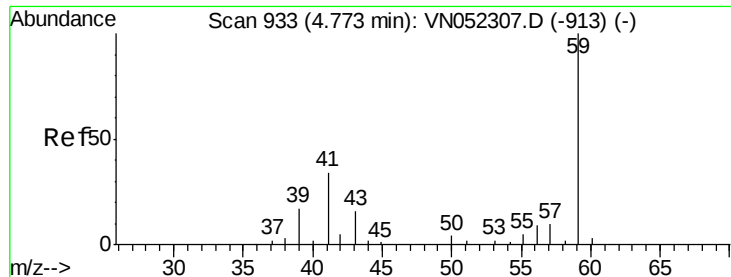
10000

5000

0

Time-->

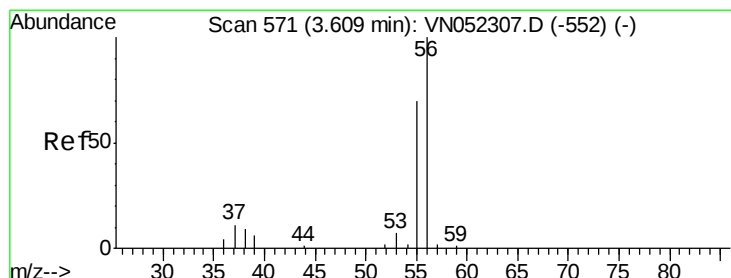
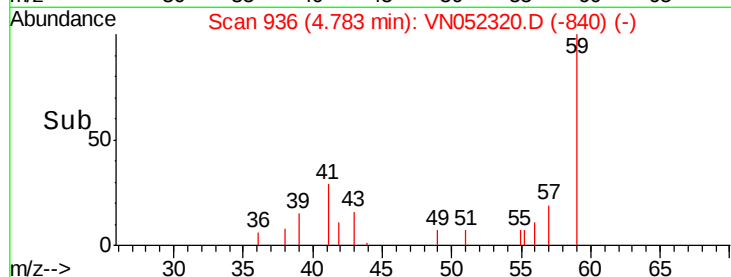
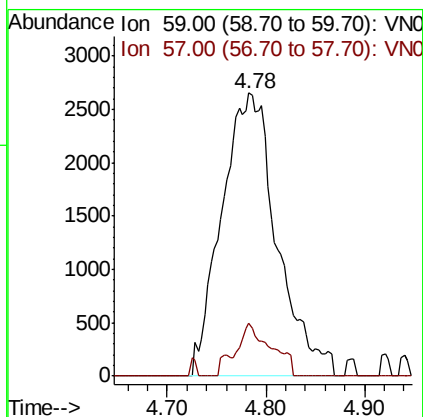
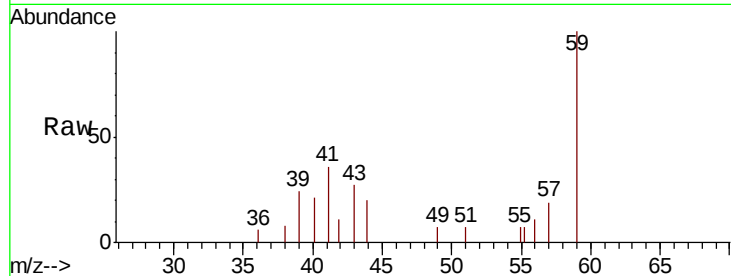




#11
Tert butyl alcohol
Concen: 53.645 ug/l
RT: 4.78 min Scan# 936
Delta R.T. 0.01 min
Lab File: VN052320.D
Acq: 14 Nov 2018 18:28

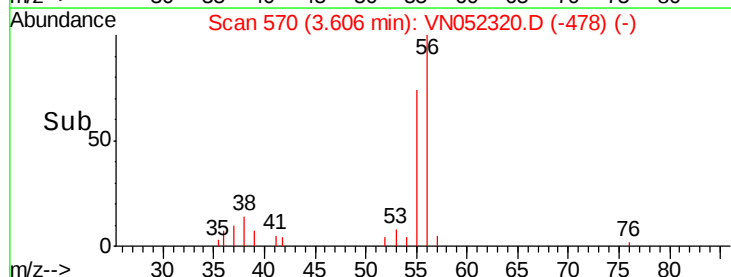
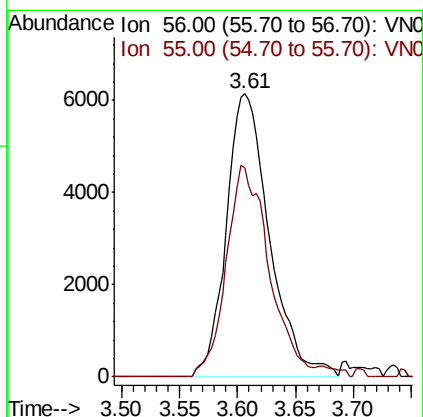
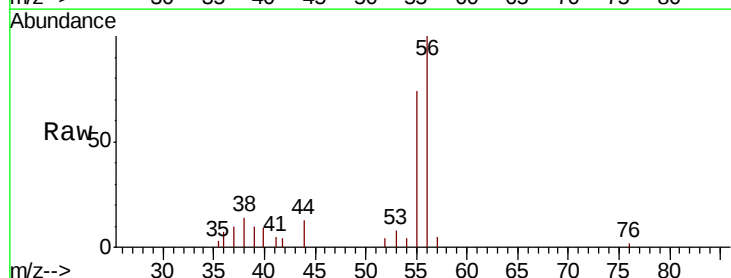
Instrument :
MSVOA_N
ClientSampleId :
LOQ-WATER-02-QT4-2018

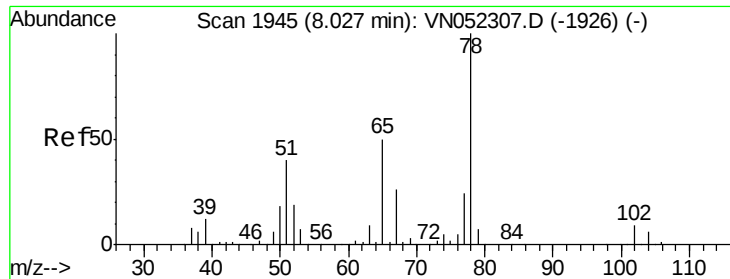
Tot Ion: 59 Resp: 10367
Ion Ratio Lower Upper
59 100
57 10.1 8.5 12.7



#13
Acrolein
Concen: 71.487 ug/l
RT: 3.61 min Scan# 570
Delta R.T. -0.00 min
Lab File: VN052320.D
Acq: 14 Nov 2018 18:28

Tgt Ion: 56 Resp: 15874
Ion Ratio Lower Upper
56 100
55 73.9 57.6 86.4

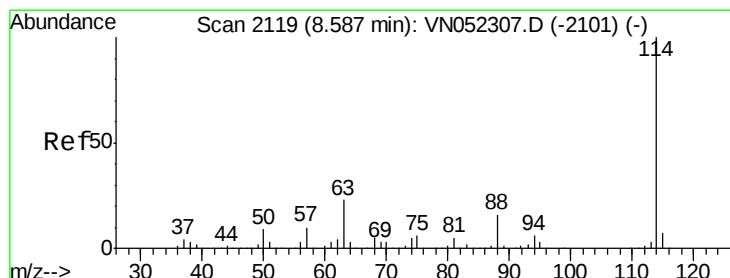
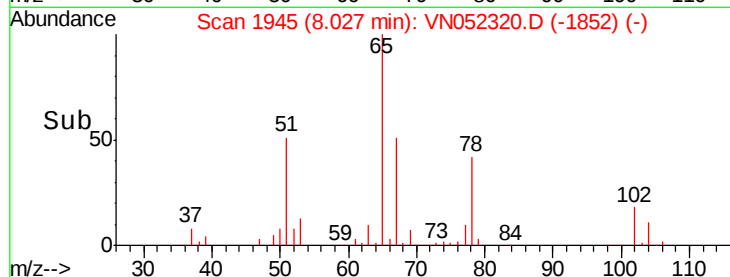
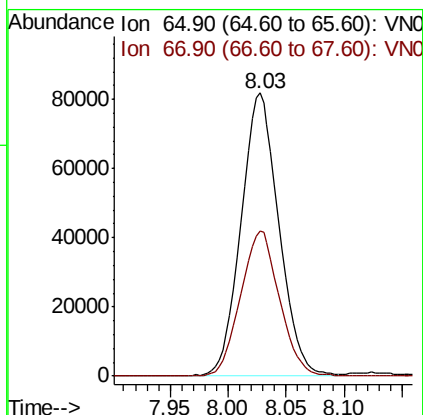
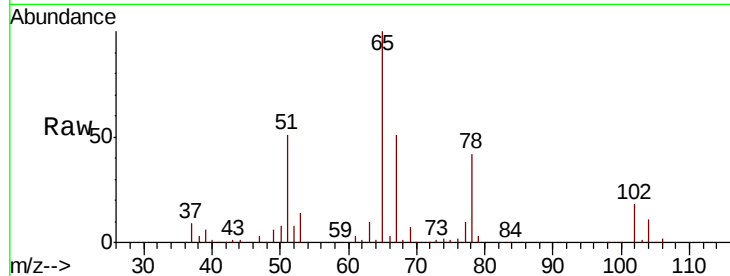




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052320.D
 Acq: 14 Nov 2018 18:28

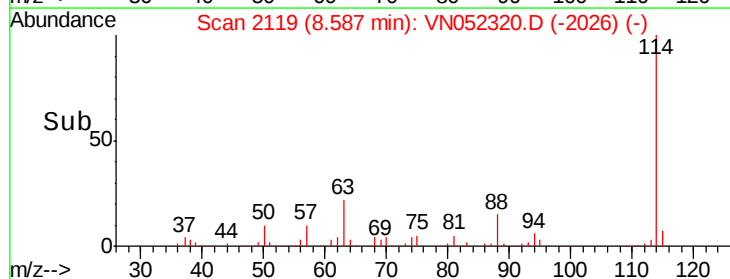
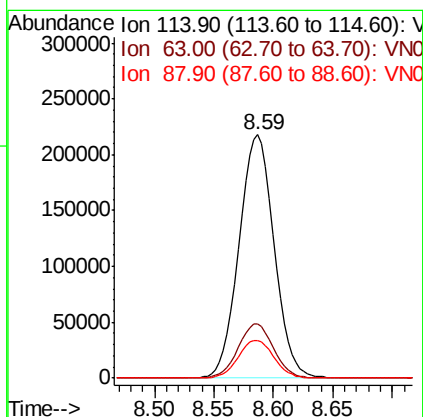
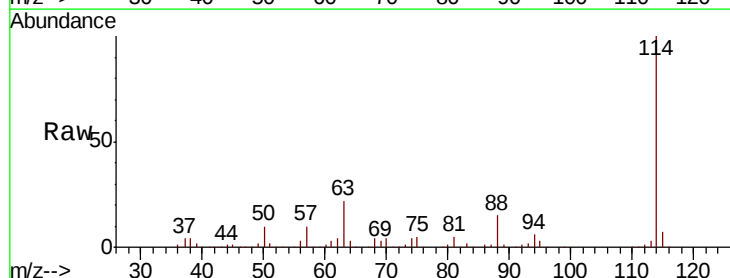
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2018

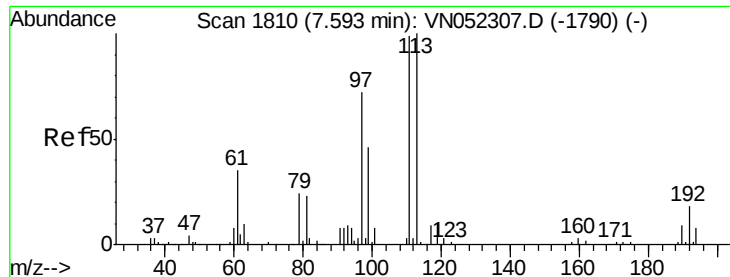
Tot Ion: 65 Resp: 186003
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052320.D
 Acq: 14 Nov 2018 18:28

Tgt Ion: 114 Resp: 445521
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 45.4
 88 15.3 0.0 31.2

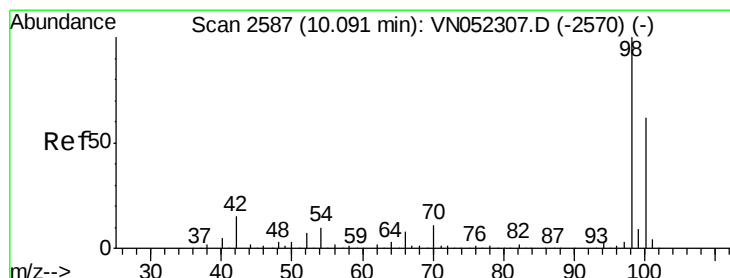
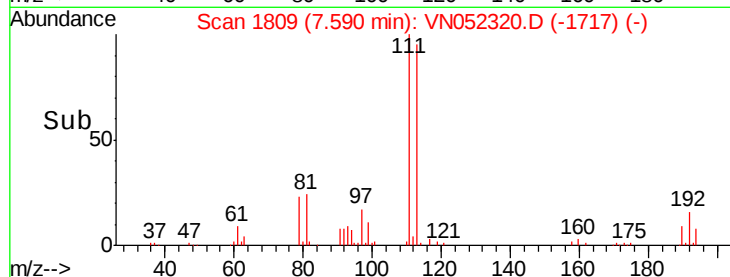
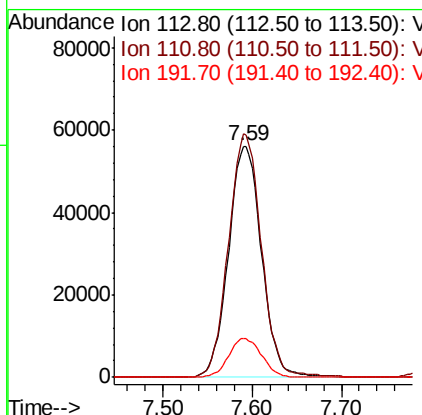
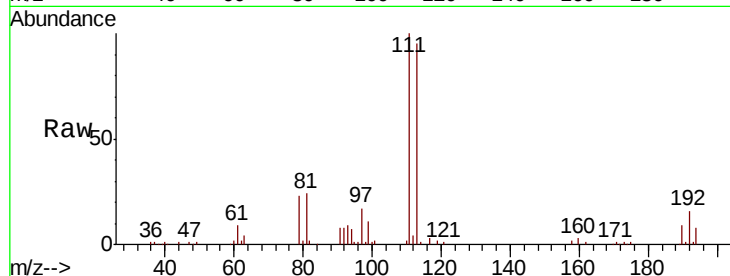




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN052320.D
 Acq: 14 Nov 2018 18:28

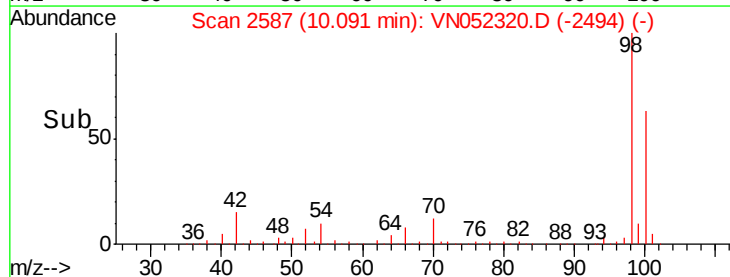
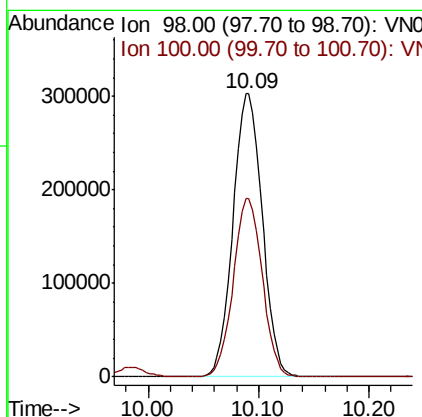
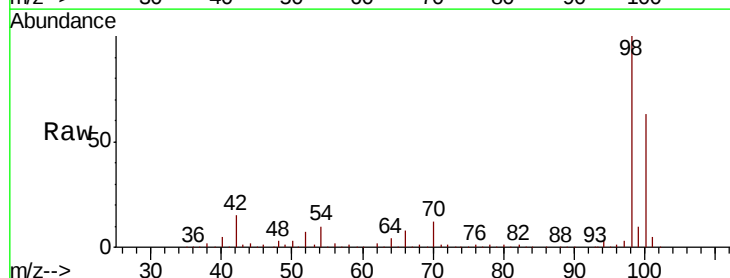
Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT4-2018

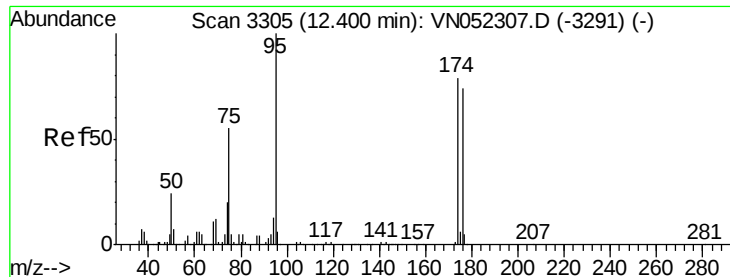
Tot Ion:113 Resp: 144150
 Ion Ratio Lower Upper
 113 100
 111 103.9 81.0 121.6
 192 16.8 13.8 20.6



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN052320.D
 Acq: 14 Nov 2018 18:28

Tgt Ion: 98 Resp: 558006
 Ion Ratio Lower Upper
 98 100
 100 62.4 49.5 74.3





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052320.D

Acq: 14 Nov 2018 18:28

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2018

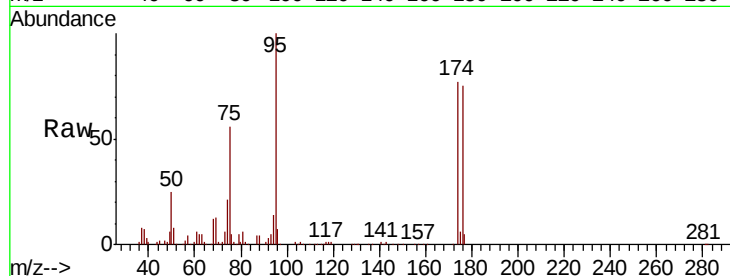
Tot Ion: 95 Resp: 176326

Ion Ratio Lower Upper

95 100

174 77.5 0.0 156.0

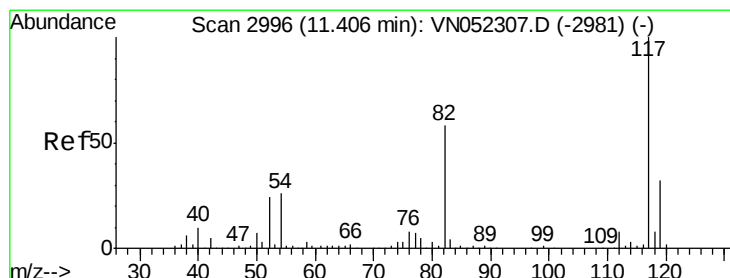
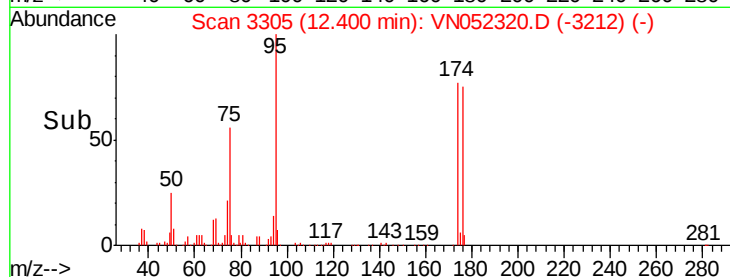
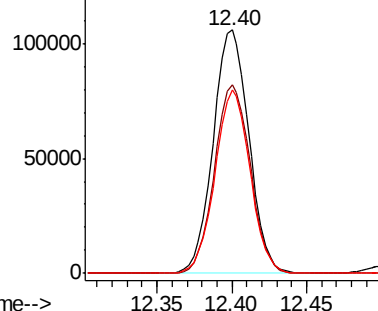
176 74.0 0.0 148.4



Abundance Ion 94.90 (94.60 to 95.60): VN052320.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN052320.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN052320.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN052320.D

Acq: 14 Nov 2018 18:28

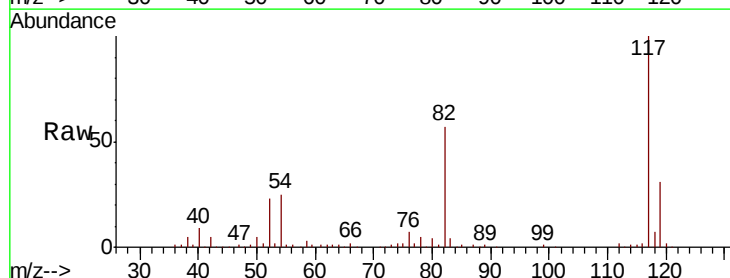
Tgt Ion: 117 Resp: 393300

Ion Ratio Lower Upper

117 100

82 57.1 46.5 69.7

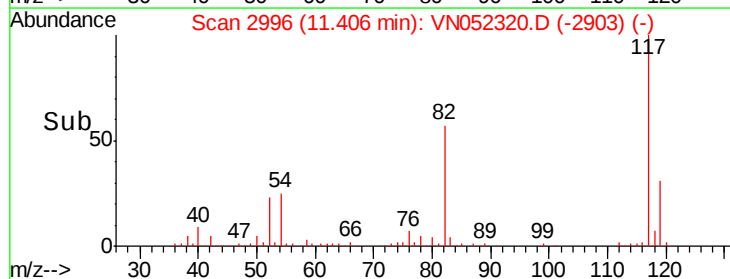
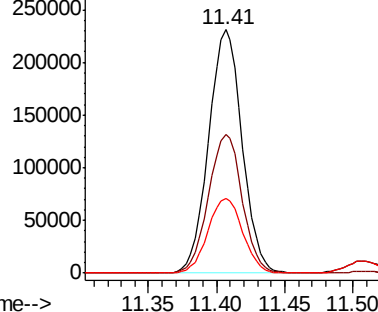
119 30.7 25.7 38.5

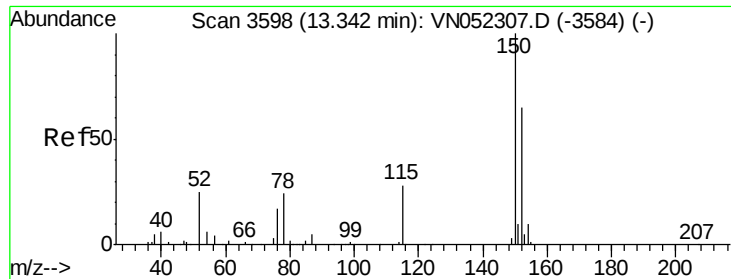


Abundance Ion 116.90 (116.60 to 117.60): VN052320.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN052320.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN052320.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN052320.D

Acq: 14 Nov 2018 18:28

Instrument :

MSVOA_N

ClientSampleId :

LOQ-WATER-02-QT4-2018

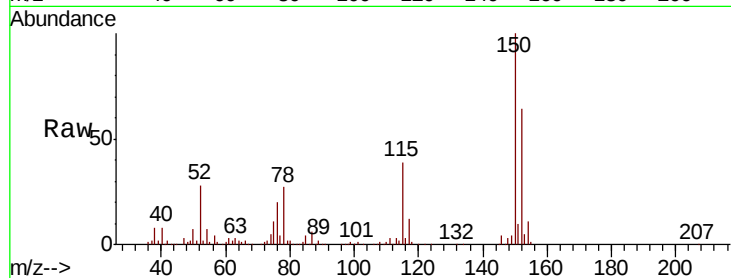
Tot Ion:152 Resp: 165410

Ion Ratio Lower Upper

152 100

115 59.6 30.3 91.0

150 156.9 0.0 348.2



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

