

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111418\
 Data File : VN052318.D
 Acq On : 14 Nov 2018 17:35
 Operator : MD\SY
 Sample : J5164-09 2.5ppb
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Quant Time: Nov 15 04:34:07 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

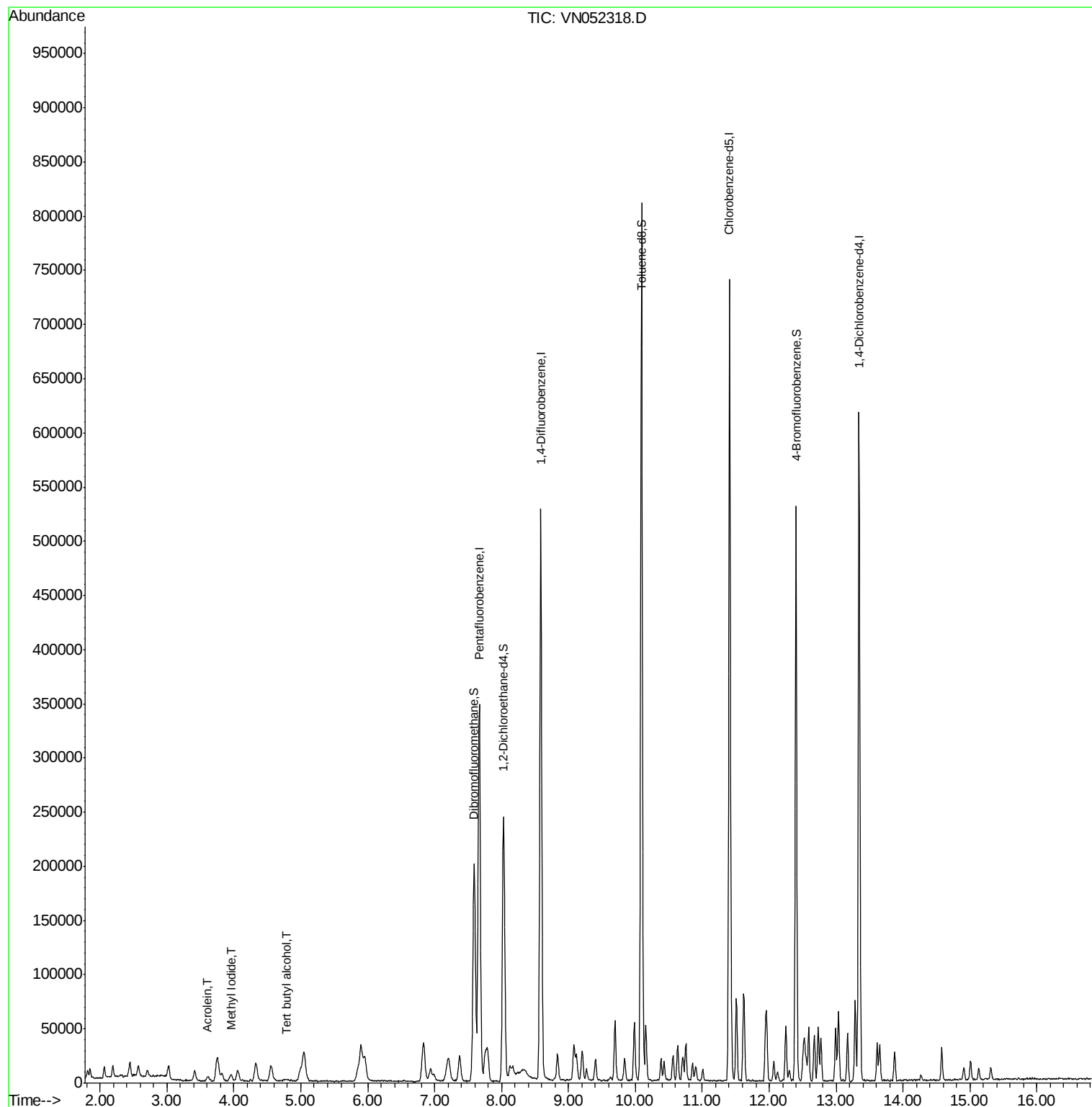
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	246807	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	435975	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	374788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	146966	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	186573	53.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.04%	
35) Dibromofluoromethane	7.59	113	142953	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
50) Toluene-d8	10.09	98	541094	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
62) 4-Bromofluorobenzene	12.40	95	164795	45.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.56%	
Target Compounds						
10) Methyl Iodide	3.96	142	8385	2.275	ug/l #	91
11) Tert butyl alcohol	4.79	59	2048	11.125	ug/l #	72
13) Acrolein	3.61	56	3819	34.327	ug/l	88

(#) = 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: VN052318.D

Acq: 14 Nov 2018 17:35

Instrument :

MSVOA_N

ClientSampleId :

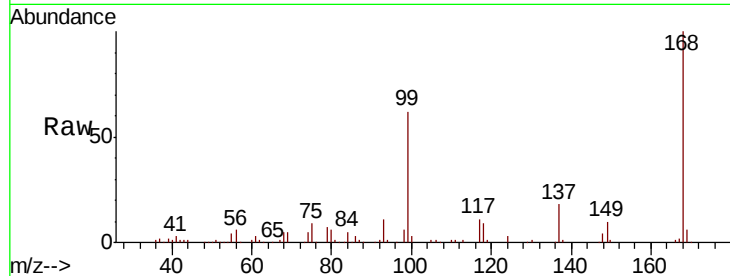
MDL-WATER-03-QT4-2018

Tot Ion:168 Resp: 246807

Ion Ratio Lower Upper

168 100

99 62.3 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

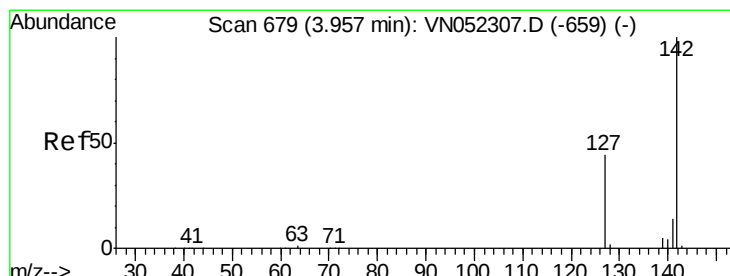
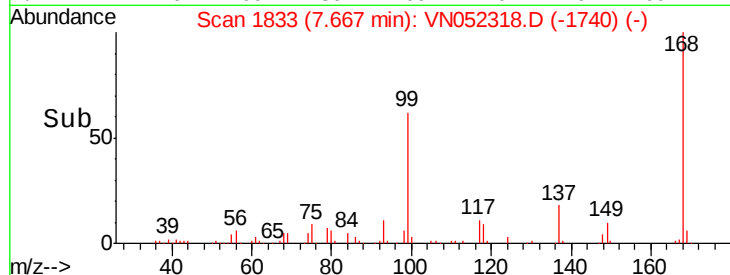
40000

20000

0

Time-->

7.60 7.70 7.80



#10

Methyl Iodide

Concen: 2.275 ug/l

RT: 3.96 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN052318.D

Acq: 14 Nov 2018 17:35

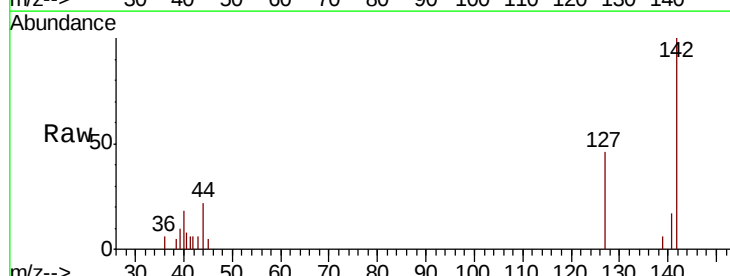
Tgt Ion:142 Resp: 8385

Ion Ratio Lower Upper

142 100

127 51.7 36.3 54.5

141 10.7 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

4000

3000

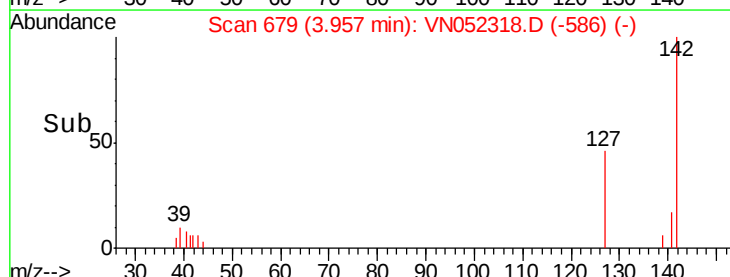
2000

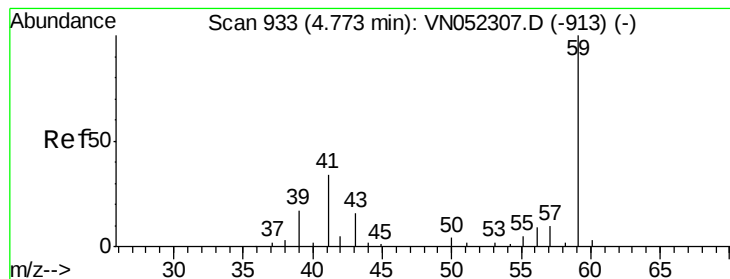
1000

0

Time-->

3.90 3.95 4.00 4.05



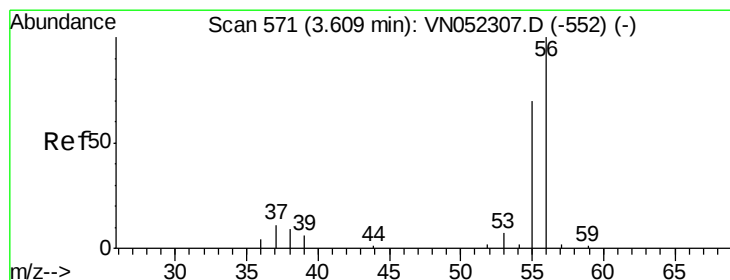
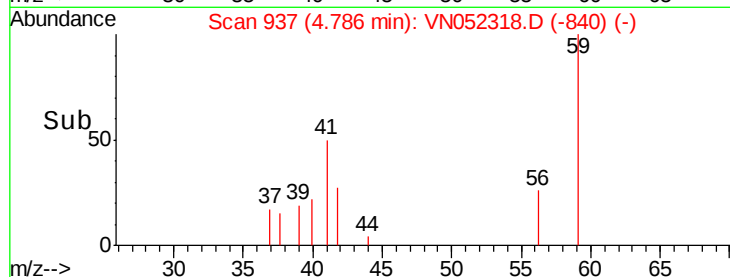
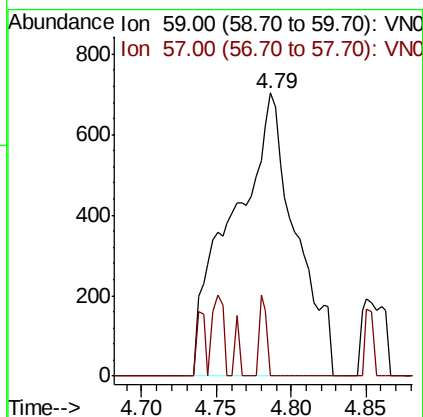
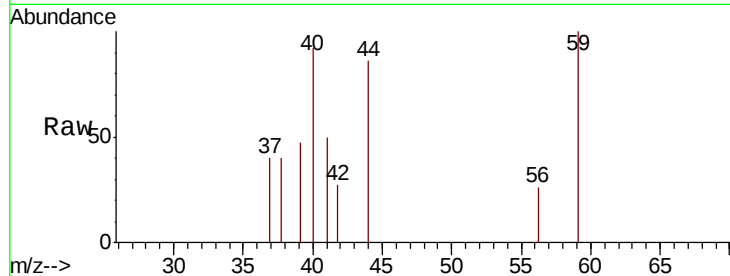


#11

Tert butyl alcohol
 Concen: 11.125 ug/l
 RT: 4.79 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VN052318.D
 Acq: 14 Nov 2018 17:35

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT4-2018

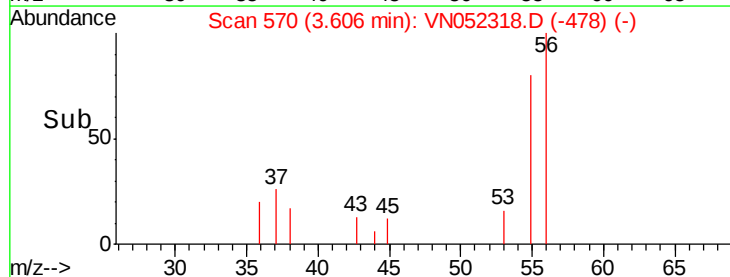
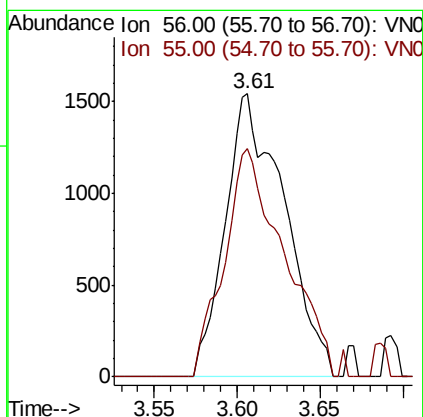
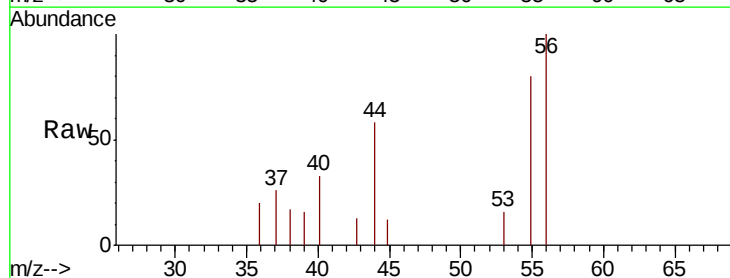
Tot Ion: 59 Resp: 2048
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.5 12.7#

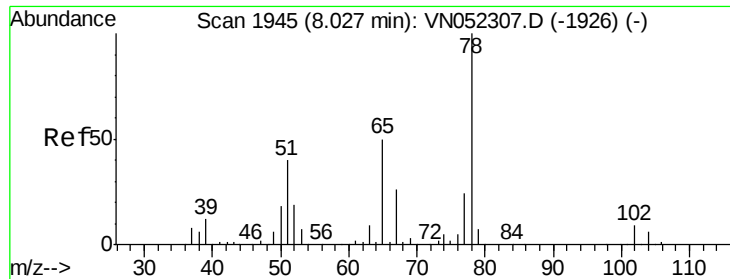


#13

Acrolein
 Concen: 34.327 ug/l
 RT: 3.61 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VN052318.D
 Acq: 14 Nov 2018 17:35

Tgt Ion: 56 Resp: 3819
 Ion Ratio Lower Upper
 56 100
 55 82.0 57.6 86.4

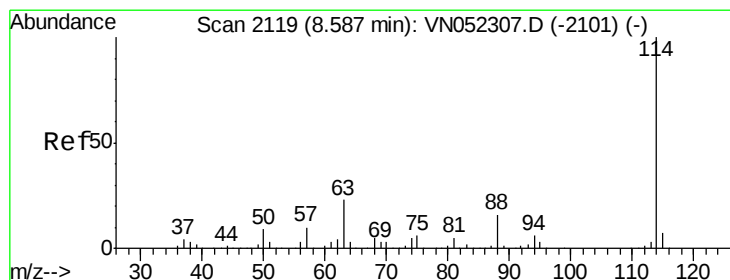
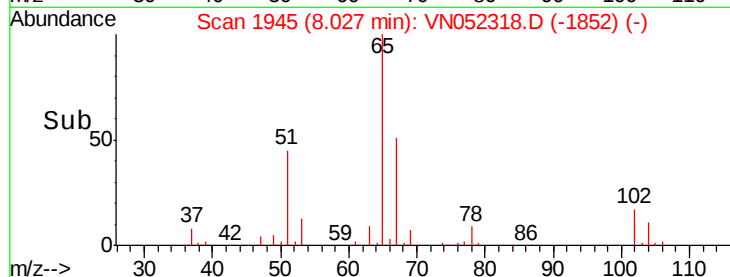
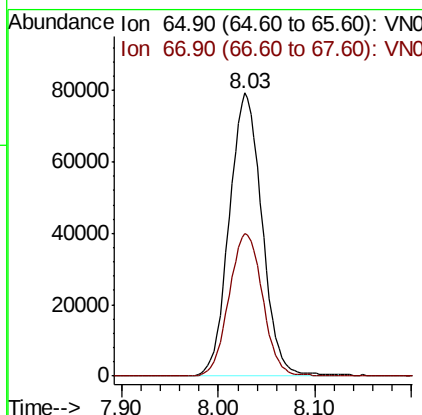
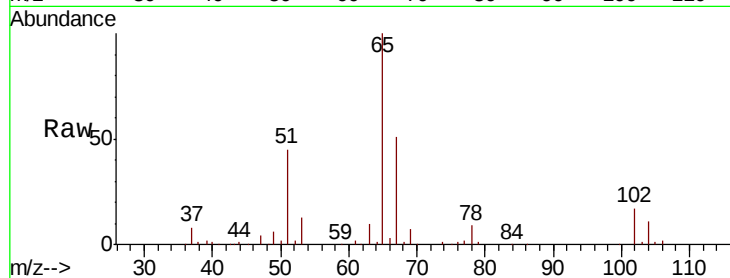




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN052318.D
 Acq: 14 Nov 2018 17:35

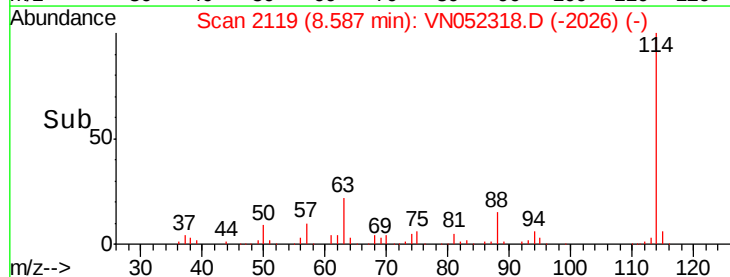
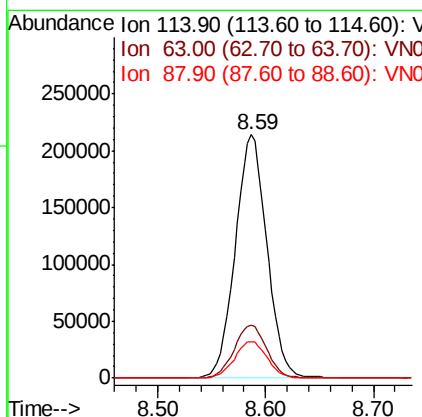
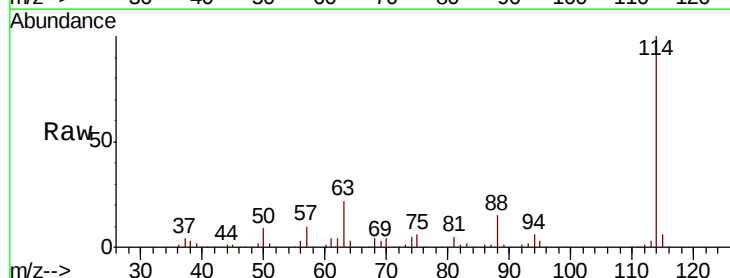
Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT4-2018

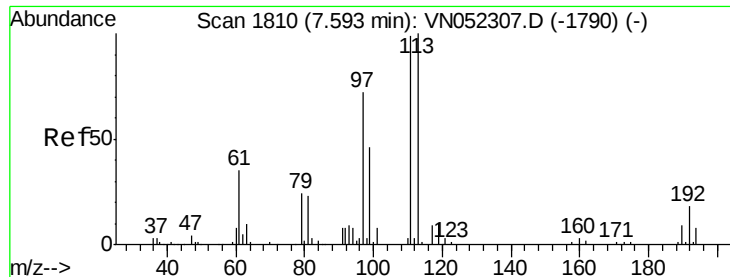
Tot Ion: 65 Resp: 186573
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052318.D
 Acq: 14 Nov 2018 17:35

Tgt Ion: 114 Resp: 435975
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 45.4
 88 15.0 0.0 31.2





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN052318.D

Acq: 14 Nov 2018 17:35

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2018

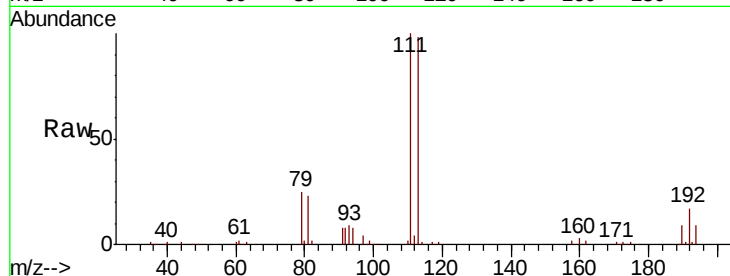
Tot Ion:113 Resp: 142953

Ion Ratio Lower Upper

113 100

111 102.4 81.0 121.6

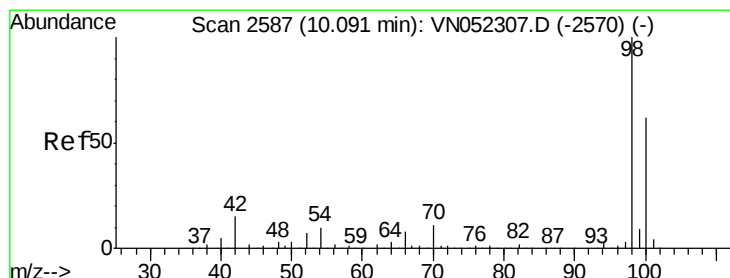
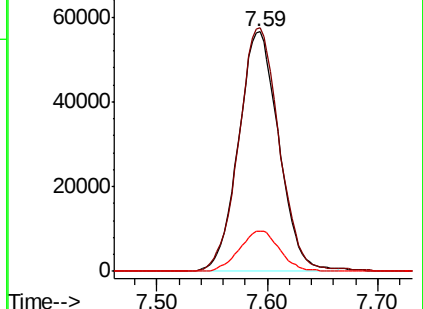
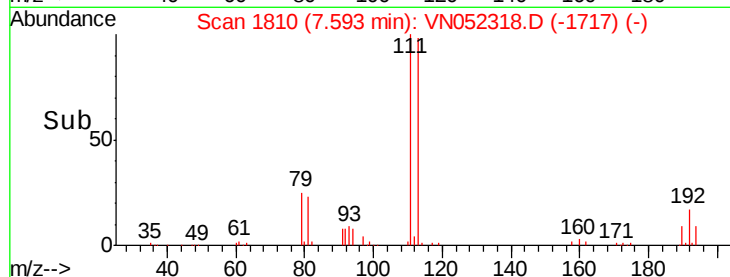
192 16.9 13.8 20.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052318.D

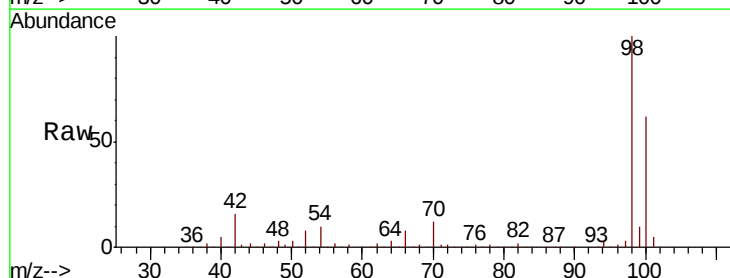
Acq: 14 Nov 2018 17:35

Tgt Ion: 98 Resp: 541094

Ion Ratio Lower Upper

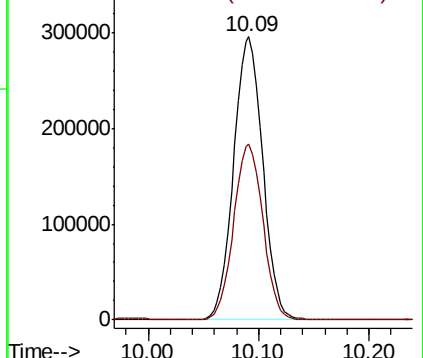
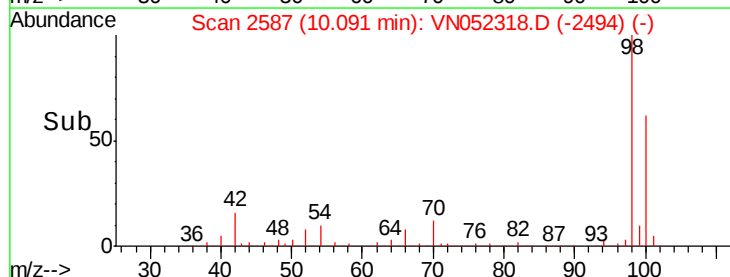
98 100

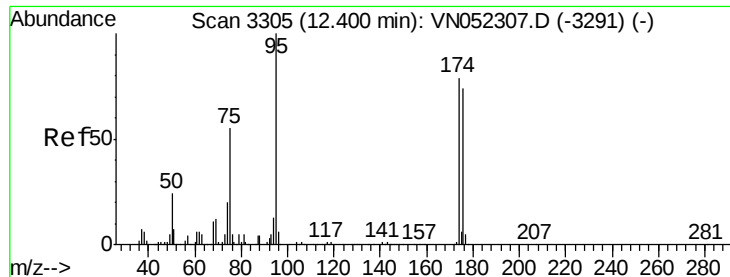
100 62.3 49.5 74.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052318.D

Acq: 14 Nov 2018 17:35

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2018

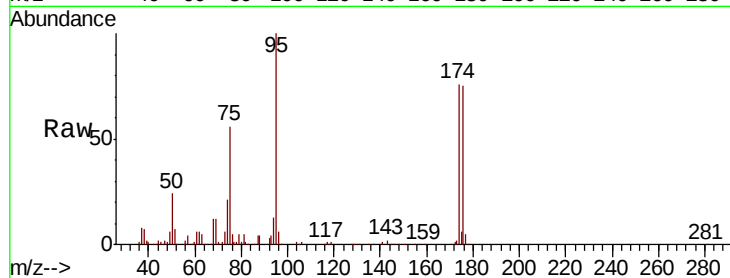
Tot Ion: 95 Resp: 164795

Ion Ratio Lower Upper

95 100

174 77.0 0.0 156.0

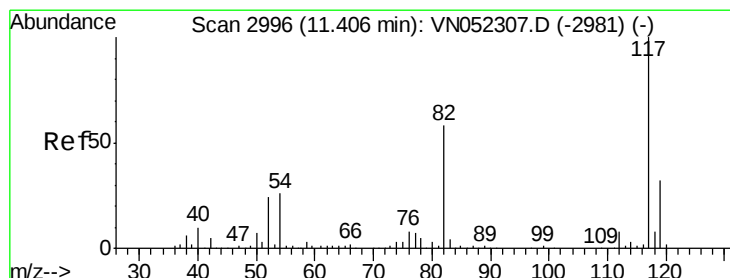
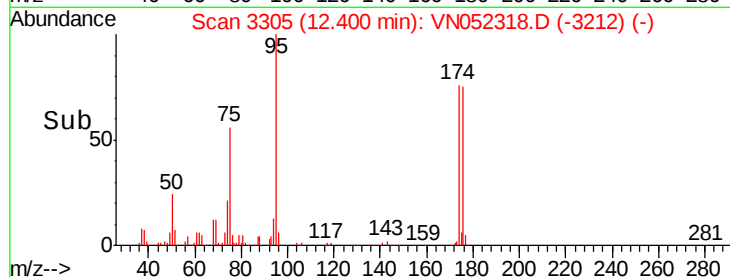
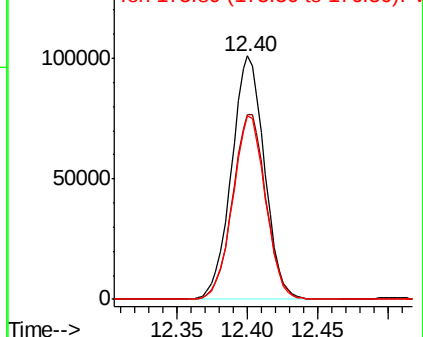
176 75.0 0.0 148.4



Abundance Ion 94.90 (94.60 to 95.60): VN052318.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN052318.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN052318.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN052318.D

Acq: 14 Nov 2018 17:35

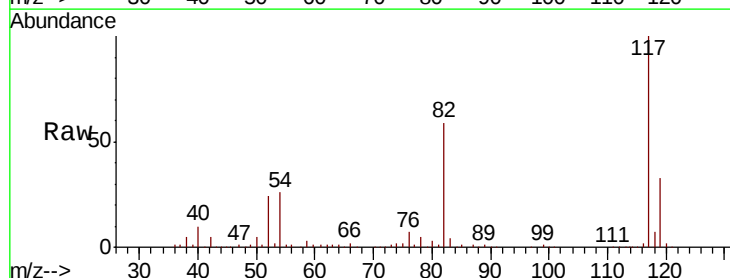
Tgt Ion: 117 Resp: 374788

Ion Ratio Lower Upper

117 100

82 58.7 46.5 69.7

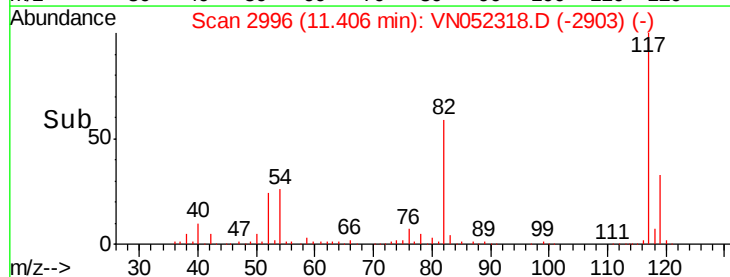
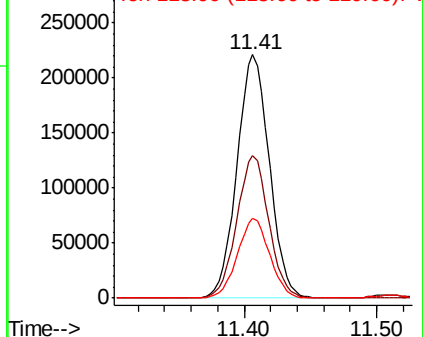
119 32.7 25.7 38.5

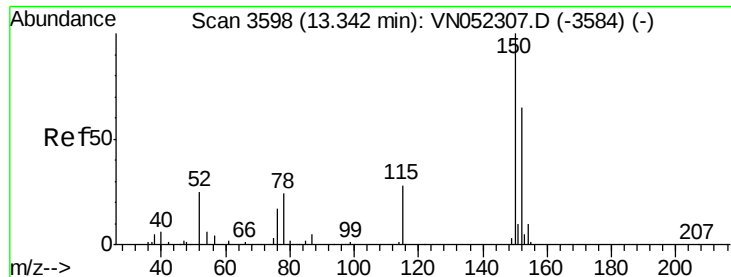


Abundance Ion 116.90 (116.60 to 117.60): VN052318.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN052318.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN052318.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: VN052318.D

Acq: 14 Nov 2018 17:35

Instrument :

MSVOA_N

ClientSampleId :

MDL-WATER-03-QT4-2018

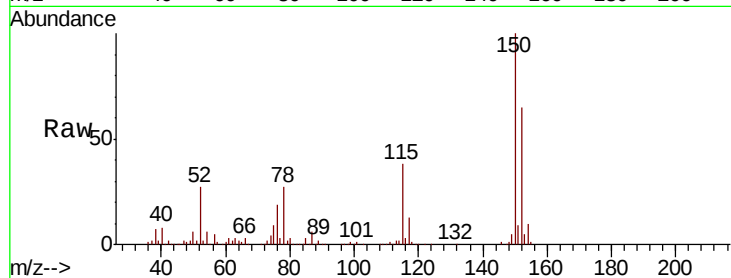
Tot Ion:152 Resp: 146966

Ion Ratio Lower Upper

152 100

115 59.1 30.3 91.0

150 156.7 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

