

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073018\
 Data File : VN050194.D
 Acq On : 30 Jul 2018 18:02
 Operator : MD\SY
 Sample : J4221-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-A07

Quant Time: Jul 31 02:19:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

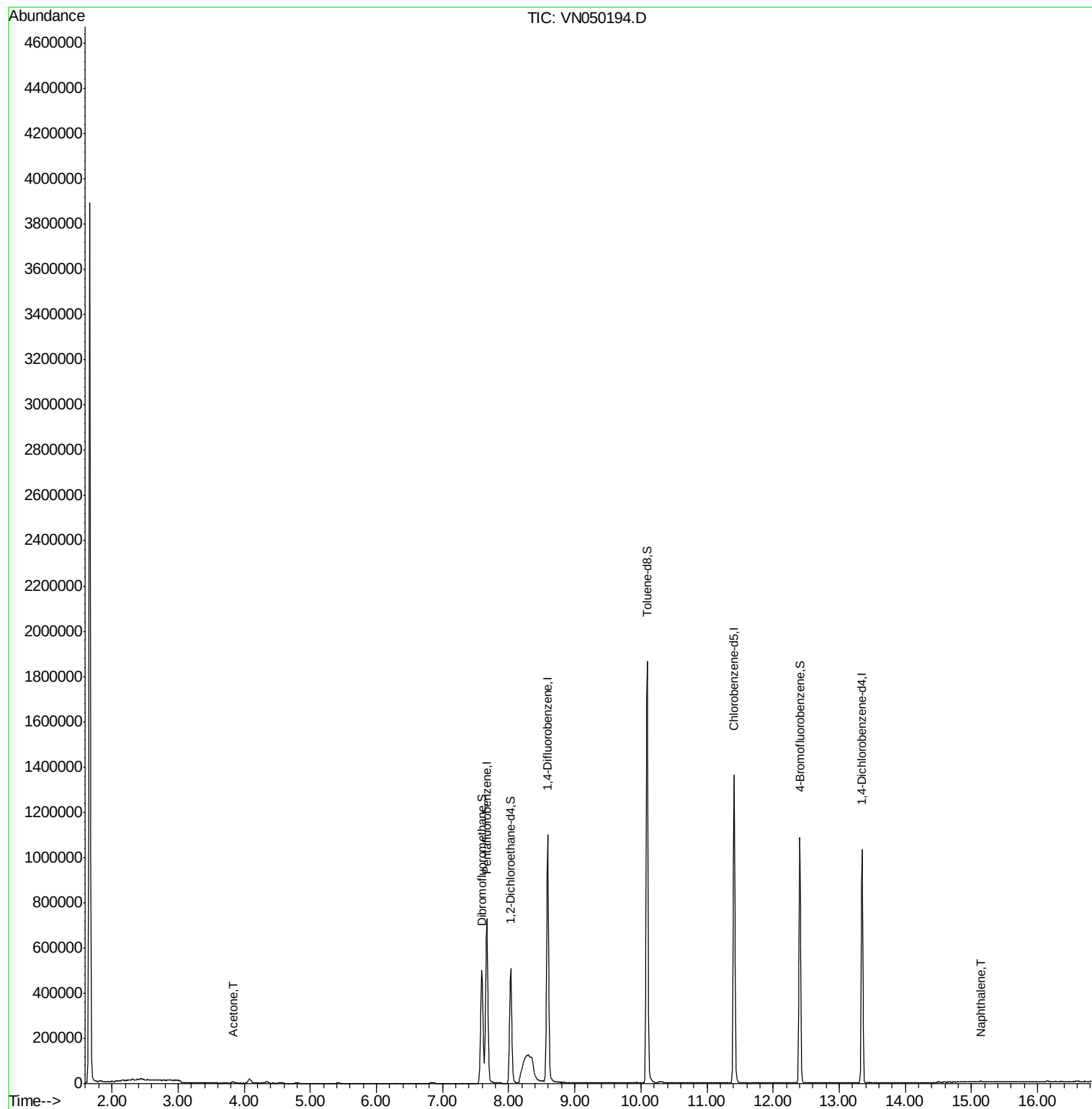
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	620577	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1008411	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	830923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	295961	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	434130	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
35) Dibromofluoromethane	7.59	113	388735	47.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.42%	
50) Toluene-d8	10.09	98	1358570	44.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.76%	
62) 4-Bromofluorobenzene	12.40	95	367623	36.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.76%	
Target Compounds						
16) Acetone	3.83	43	12071	1.60	ug/l	94
95) Naphthalene	15.14	128	3882	4.68	ug/l #	87

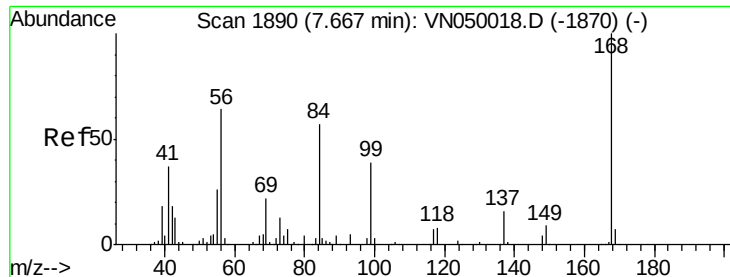
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

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ClientSampleId :

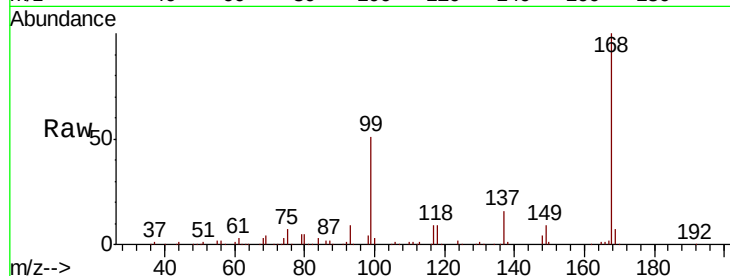
MW-A07

Tot Ion:168 Resp: 620577

Ion Ratio Lower Upper

168 100

99 51.3 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050018.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050018.D (-1870) (-)

7.67

250000

200000

150000

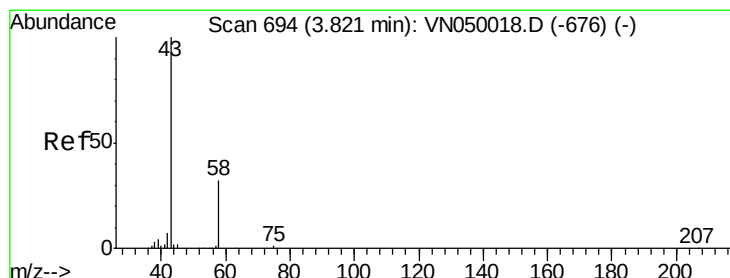
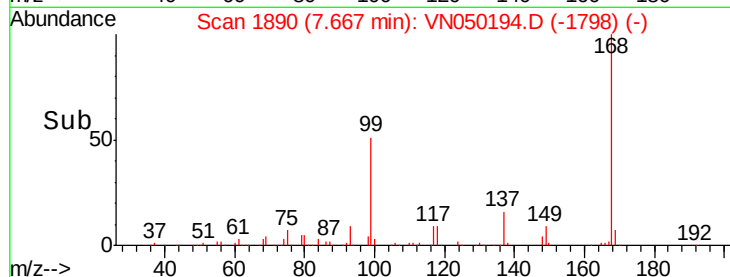
100000

50000

0

Time-->

7.60 7.70 7.80



#16

Acetone

Concen: 1.60 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050194.D

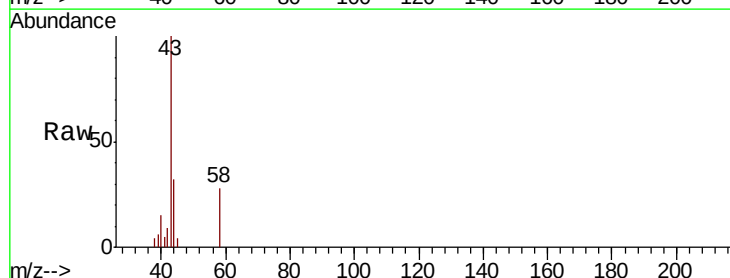
Acq: 30 Jul 2018 18:02

Tgt Ion: 43 Resp: 12071

Ion Ratio Lower Upper

43 100

58 29.1 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-676) (-)

Ion 58.00 (57.70 to 58.70): VN050018.D (-676) (-)

3.83

5000

4000

3000

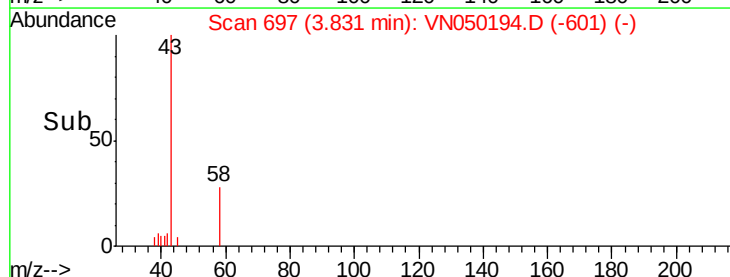
2000

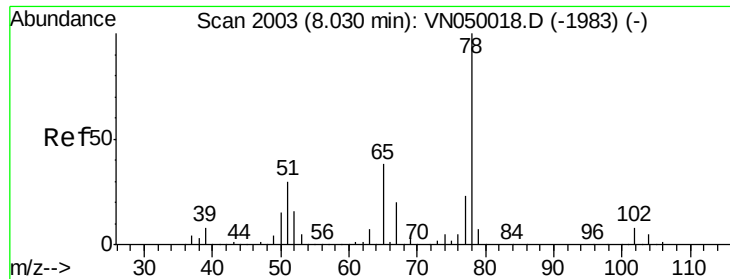
1000

0

Time-->

3.75 3.80 3.85 3.90





#33

1,2-Dichloroethane-d4

Concen: 50.14 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050194.D

Acq: 30 Jul 2018 18:02

Instrument :

MSVOA_N

ClientSampleId :

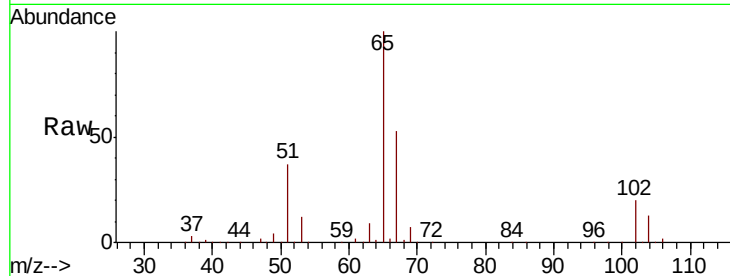
MW-A07

Tot Ion: 65 Resp: 434130

Ion Ratio Lower Upper

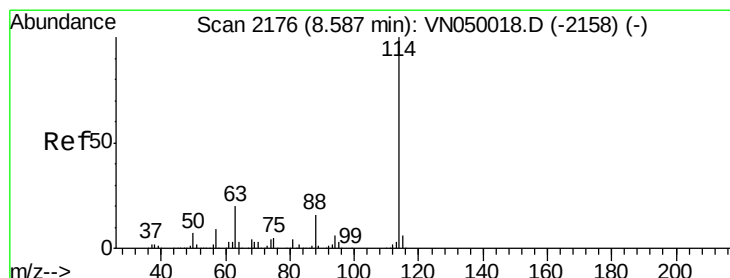
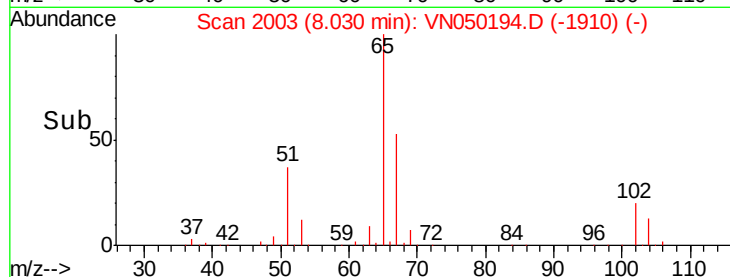
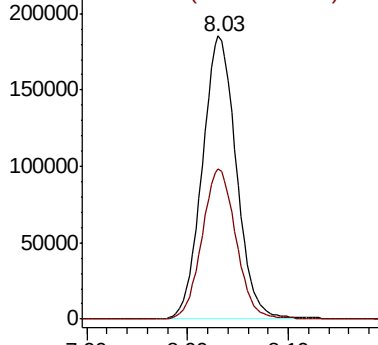
65 100

67 53.1 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050194.D

Acq: 30 Jul 2018 18:02

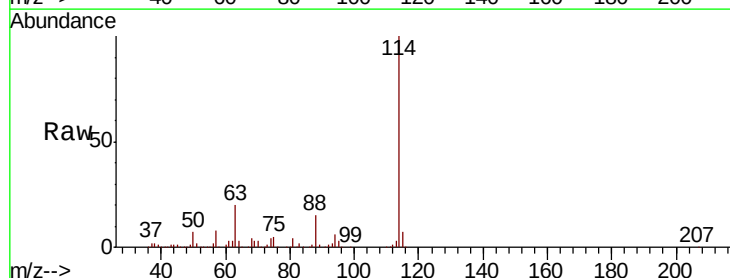
Tgt Ion: 114 Resp: 1008411

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

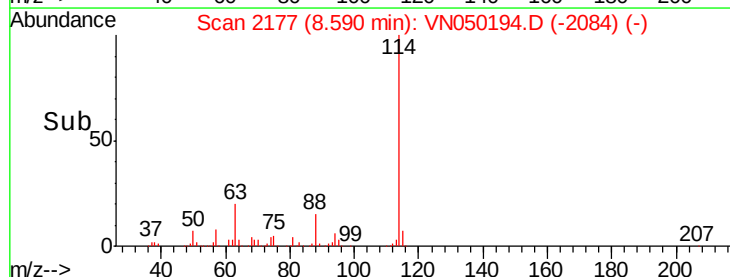
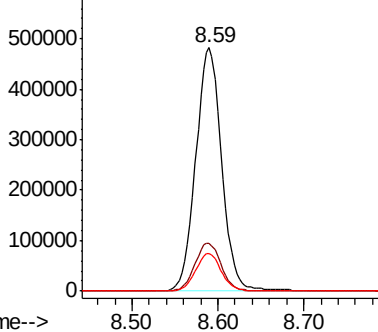
88 15.4 0.0 31.2

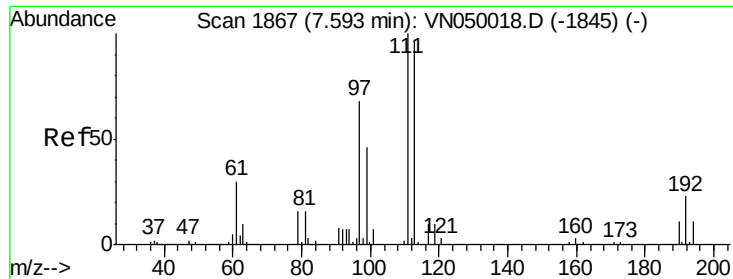


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

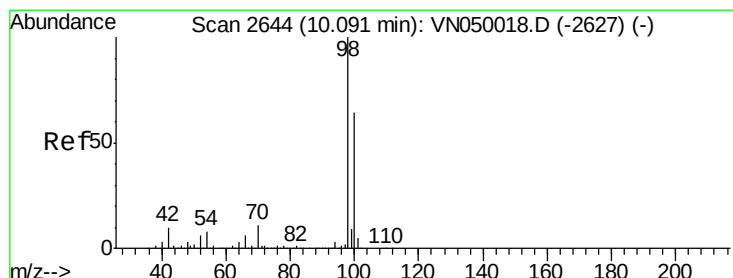
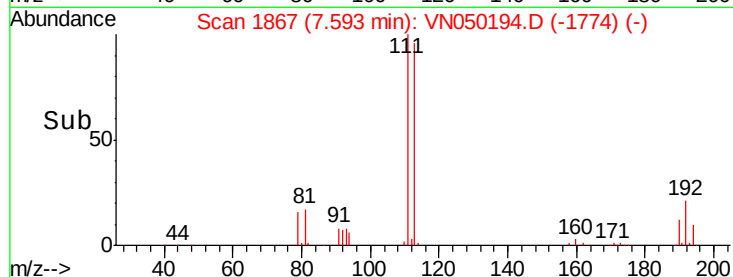
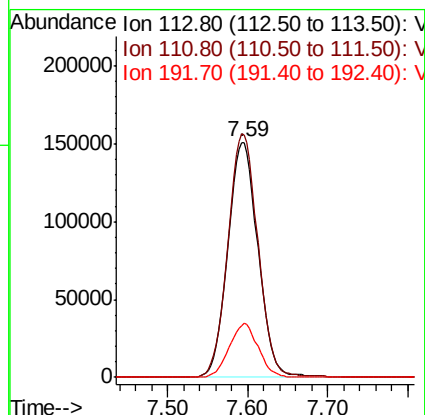
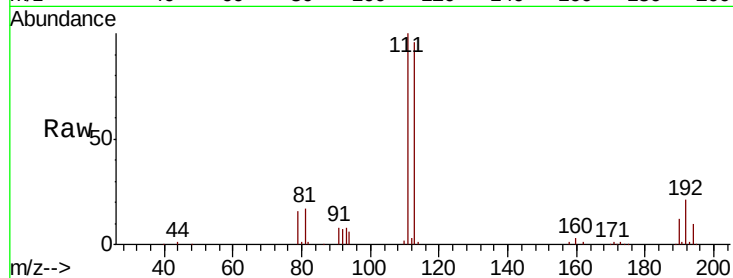




#35
 Dibromofluoromethane
 Concen: 47.21 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050194.D
 Acq: 30 Jul 2018 18:02

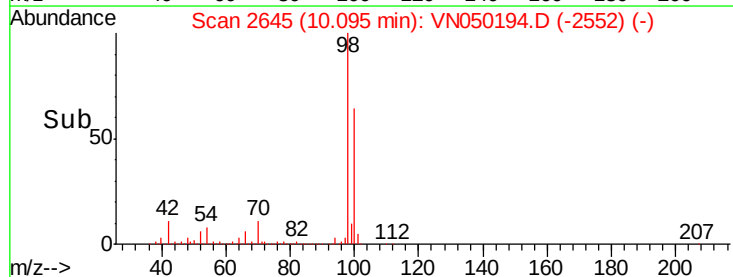
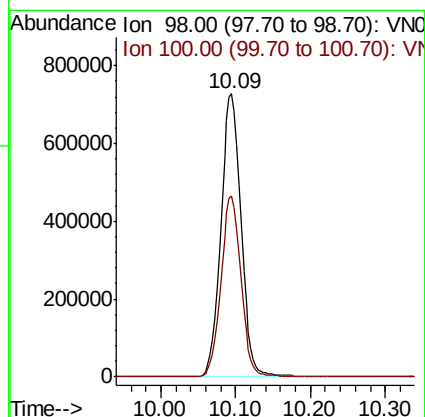
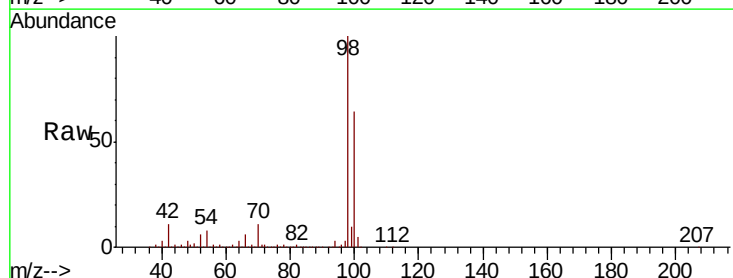
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-A07

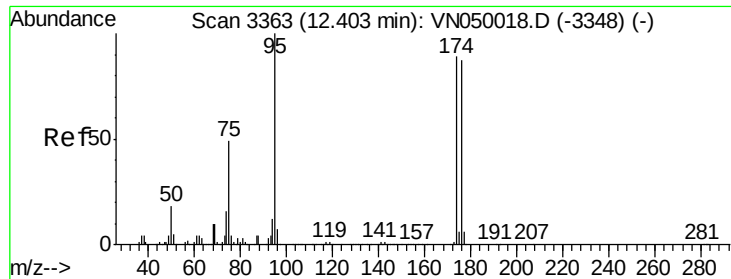
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.7	121.1
192	22.0	17.8	26.6



#50
 Toluene-d8
 Concen: 44.88 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN050194.D
 Acq: 30 Jul 2018 18:02

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	50.7	76.1





#62

4-Bromofluorobenzene

Concen: 36.88 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050194.D

Acq: 30 Jul 2018 18:02

Instrument :

MSVOA_N

ClientSampleId :

MW-A07

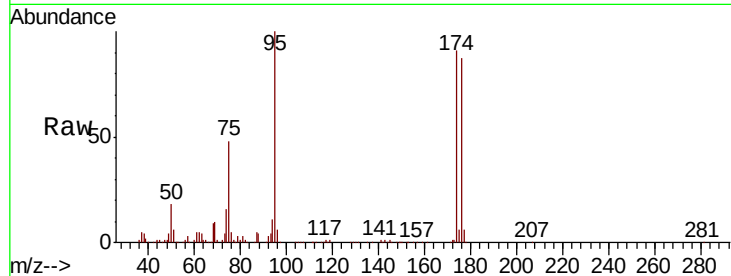
Tot Ion: 95 Resp: 367623

Ion Ratio Lower Upper

95 100

174 92.0 0.0 178.2

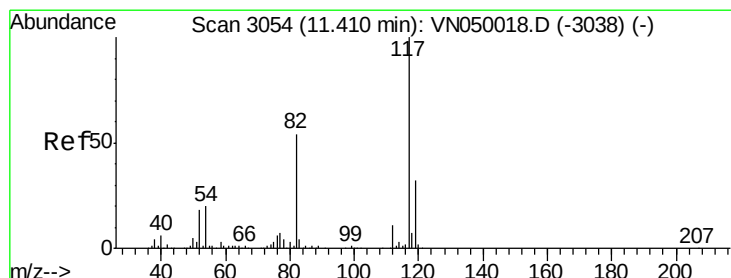
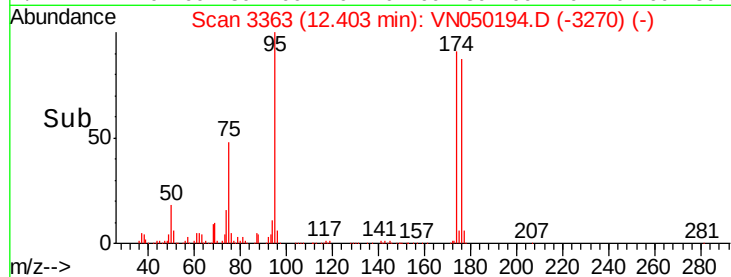
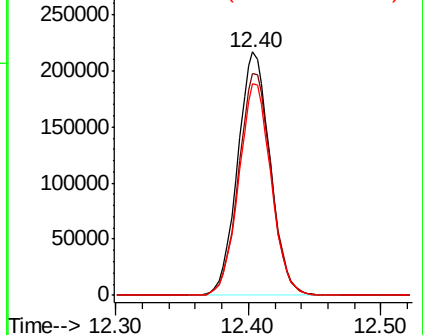
176 86.6 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN050018.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050018.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050018.D (-3348) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050194.D

Acq: 30 Jul 2018 18:02

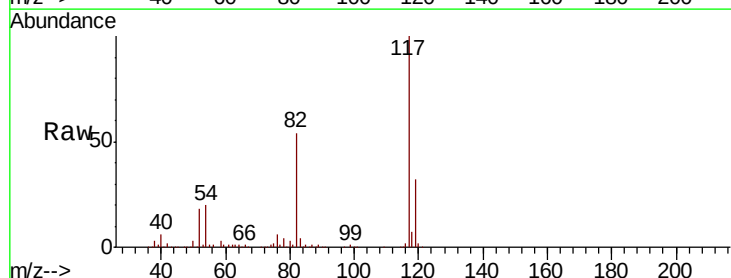
Tgt Ion: 117 Resp: 830923

Ion Ratio Lower Upper

117 100

82 53.6 43.7 65.5

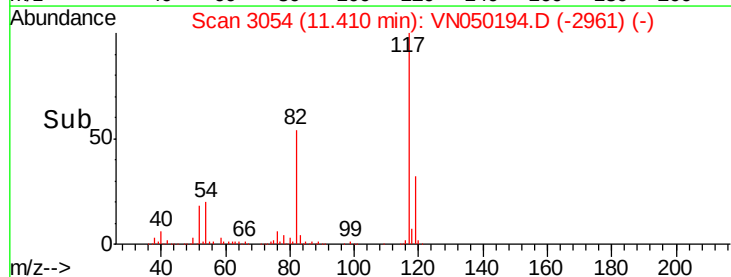
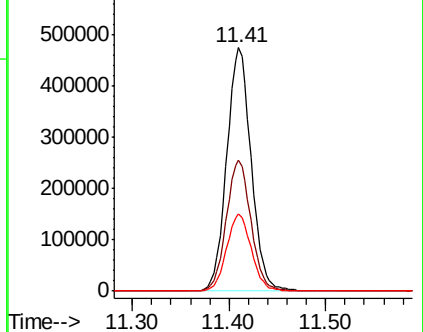
119 31.6 26.1 39.1

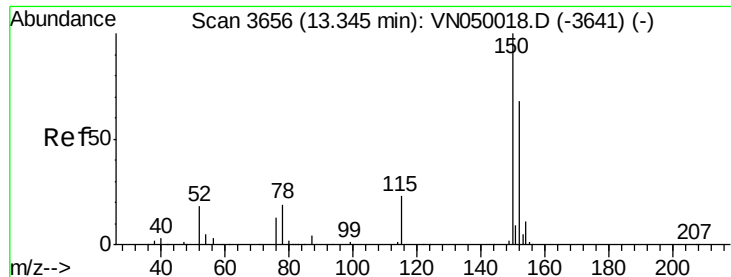


Abundance Ion 116.90 (116.60 to 117.60): VN050018.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050018.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050018.D (-3038) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050194.D

Acq: 30 Jul 2018 18:02

Instrument :

MSVOA_N

ClientSampleId :

MW-A07

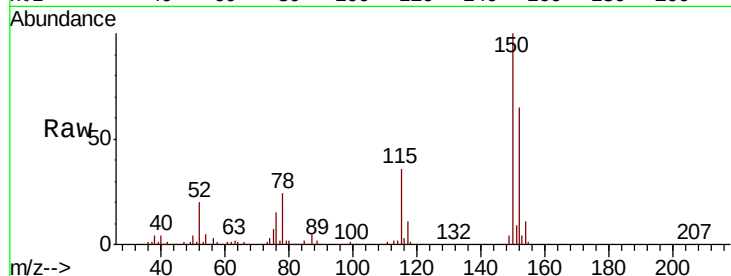
Tot Ion:152 Resp: 295961

Ion Ratio Lower Upper

152 100

115 56.3 27.8 83.3

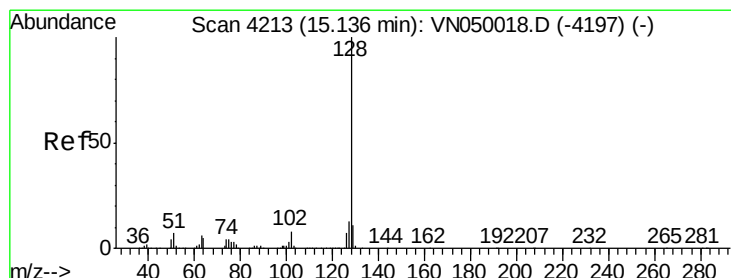
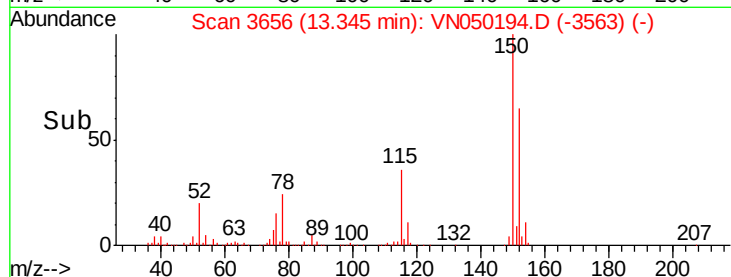
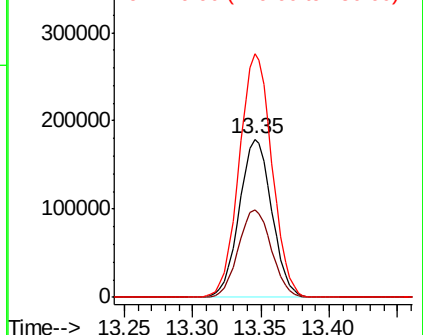
150 155.1 0.0 348.6



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



#95

Naphthalene

Concen: 4.68 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050194.D

Acq: 30 Jul 2018 18:02

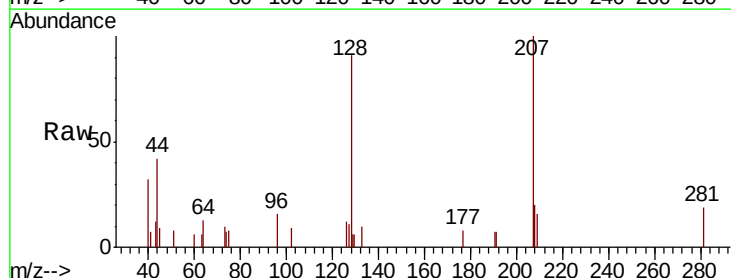
Tgt Ion:128 Resp: 3882

Ion Ratio Lower Upper

128 100

127 9.4 10.4 15.6#

129 4.3 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

