

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041018\
 Data File : VX000766.D
 Acq On : 10 Apr 2018 23:19
 Operator : JC/MD
 Sample : J2155-02 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 NB-01-040618-A

Quant Time: Apr 11 09:05:22 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 10 15:49:28 2018
 Response via : Initial Calibration

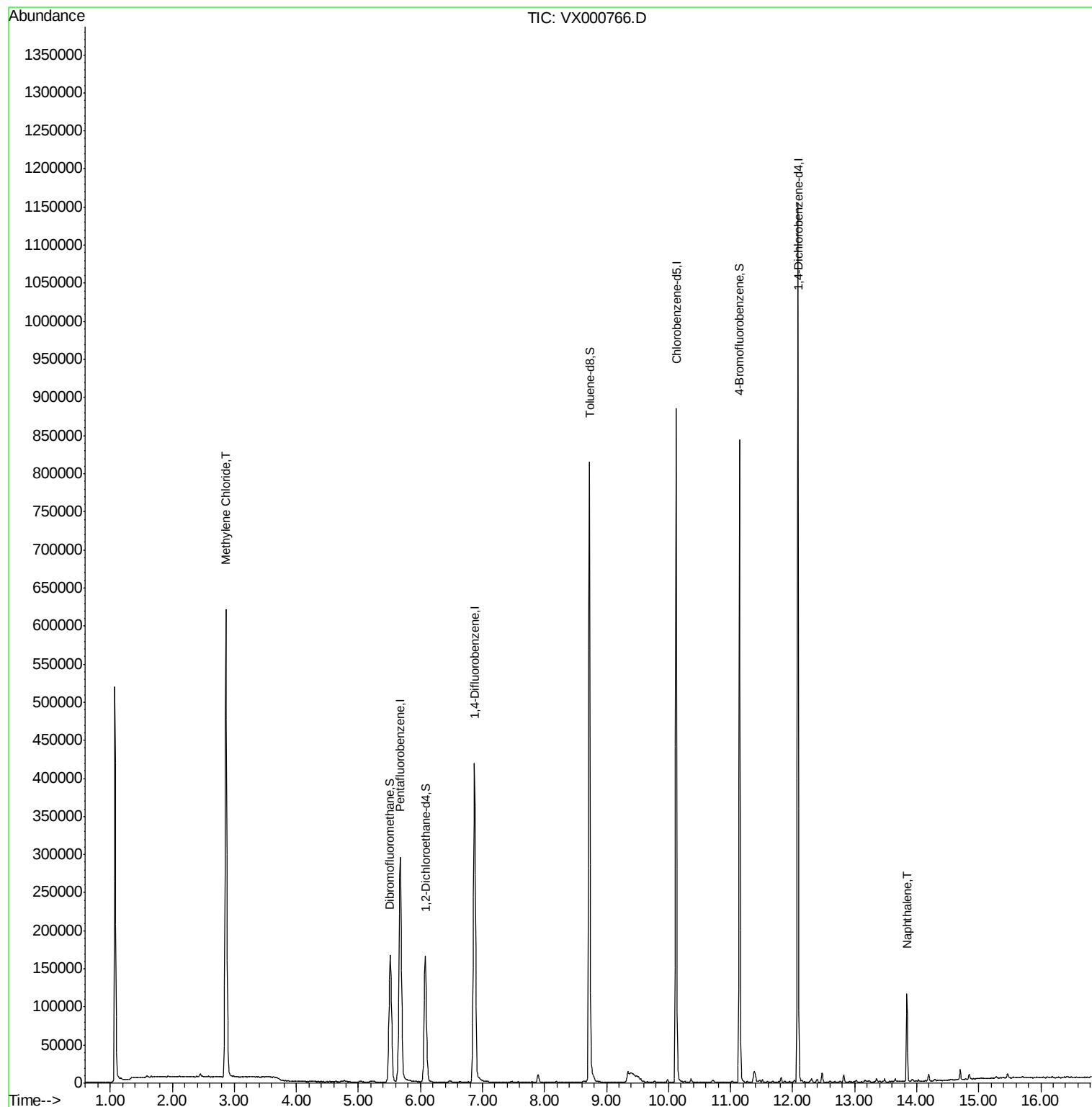
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	321579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	450356	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	423538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	250339	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	163568	40.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.68%	
35) Dibromofluoromethane	5.51	113	139149	40.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.20%	
50) Toluene-d8	8.73	98	517800	40.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.16%	
62) 4-Bromofluorobenzene	11.15	95	210286	39.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.68%	
Target Compounds						
20) Methylene Chloride	2.87	84	294981	90.70	ug/l	98
95) Naphthalene	13.84	128	71011	3.90	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX000766.D

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MSVOA_X

ClientSampleId :

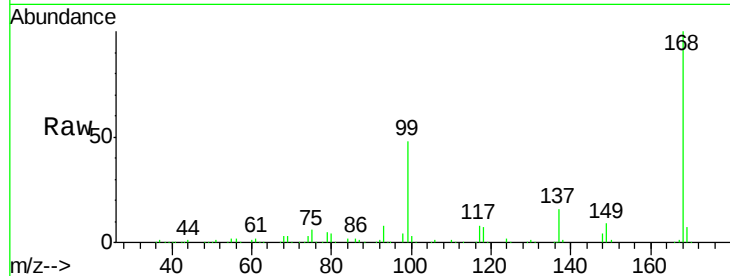
NB-01-040618-A

Tot Ion:168 Resp: 321579

Ion Ratio Lower Upper

168 100

99 47.6 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

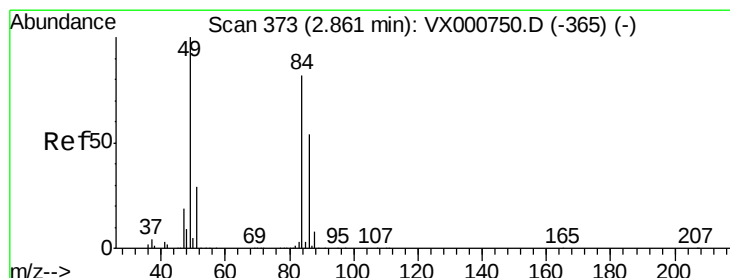
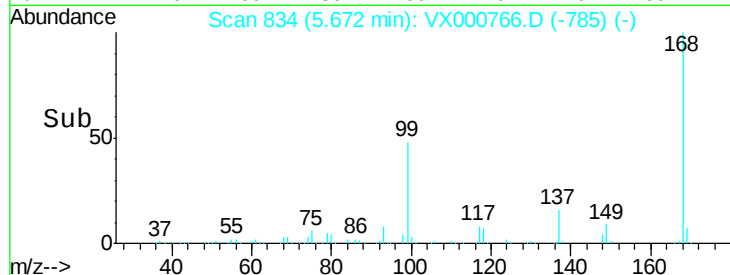
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 90.70 ug/l

RT: 2.87 min Scan# 374

Delta R.T. 0.01 min

Lab File: VX000766.D

Acq: 10 Apr 2018 23:19

Tgt Ion: 84 Resp: 294981

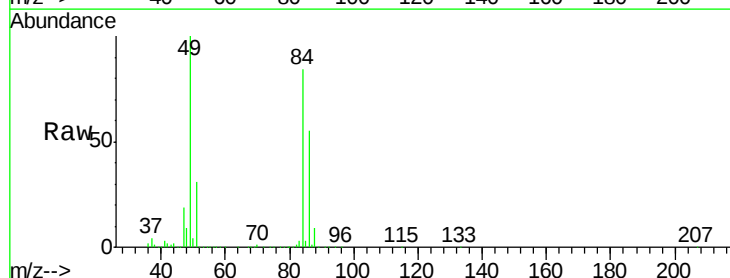
Ion Ratio Lower Upper

84 100

49 119.5 98.1 147.1

51 36.9 28.9 43.3

86 65.4 52.7 79.1



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

250000

200000

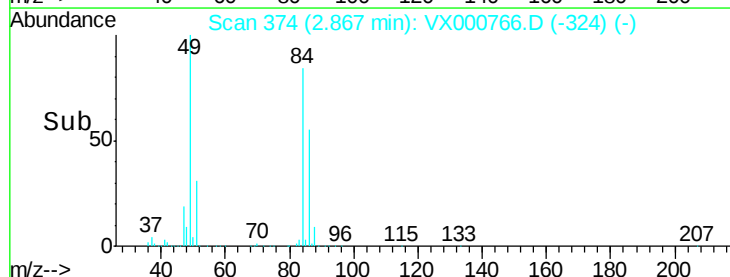
150000

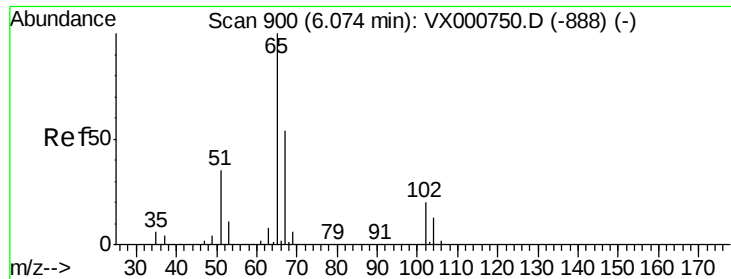
100000

50000

0

Time--> 2.80 2.90 3.00

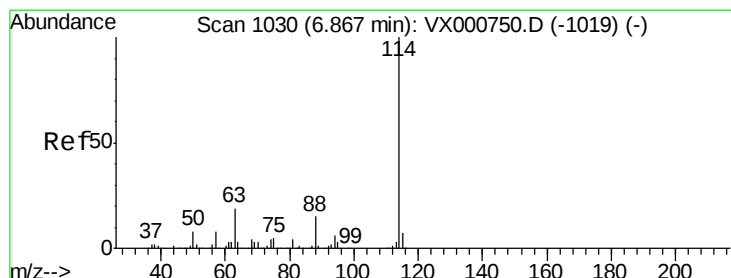
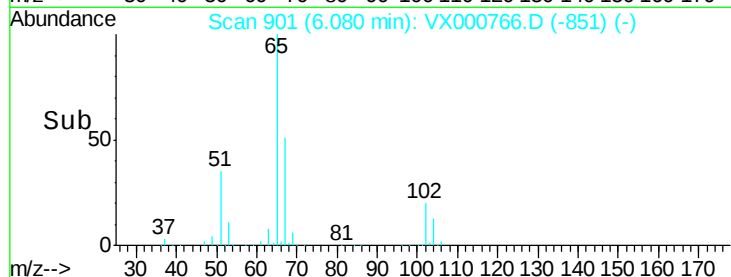
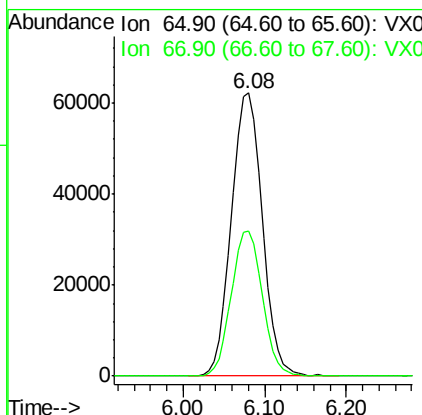
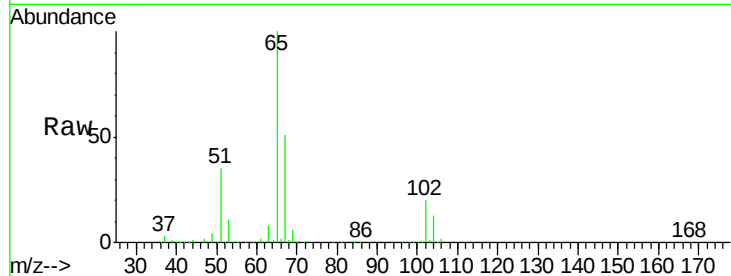




#33
 1,2-Dichloroethane-d4
 Concen: 40.34 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. 0.01 min
 Lab File: VX000766.D
 Acq: 10 Apr 2018 23:19

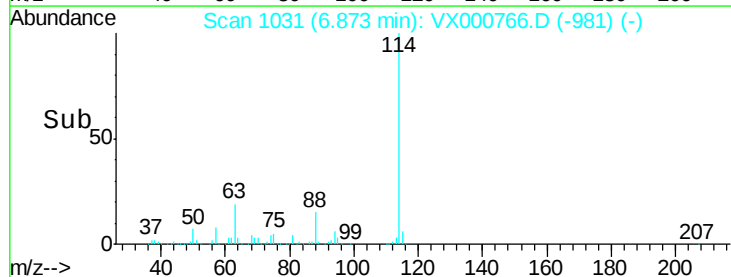
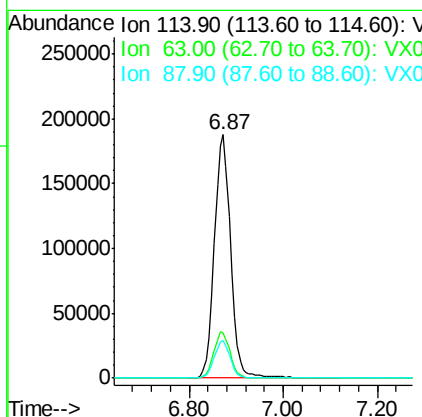
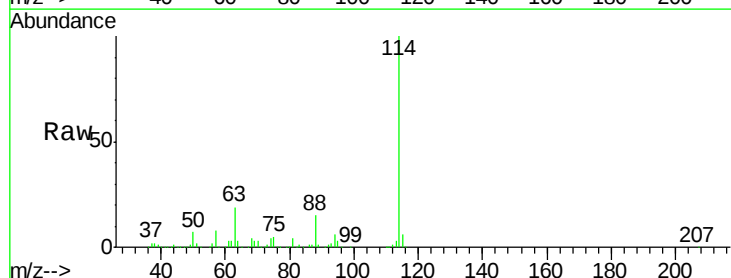
Instrument :
 MSVOA_X
 ClientSampleId :
 NB-01-040618-A

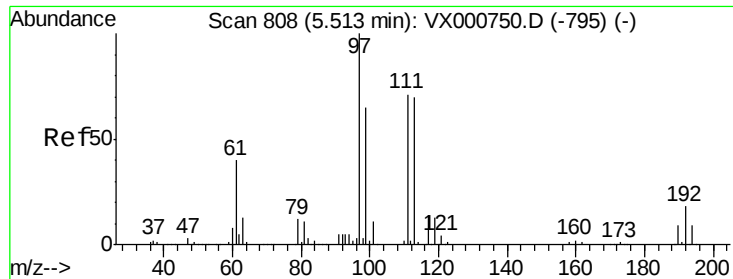
Tot Ion: 65 Resp: 163568
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX000766.D
 Acq: 10 Apr 2018 23:19

Tgt Ion: 114 Resp: 450356
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 38.4
 88 15.2 0.0 31.0





#35

Dibromofluoromethane

Concen: 40.10 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000766.D

Acq: 10 Apr 2018 23:19

Instrument :

MSVOA_X

ClientSampleId :

NB-01-040618-A

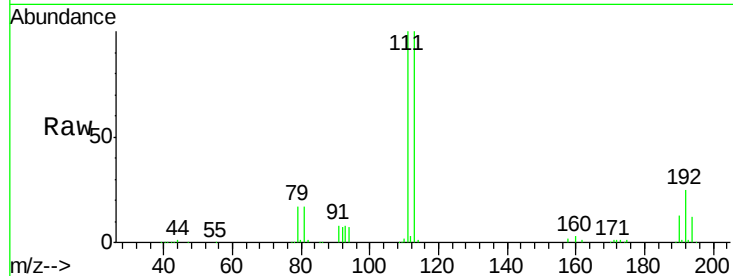
Tot Ion:113 Resp: 139149

Ion Ratio Lower Upper

113 100

111 102.2 81.5 122.3

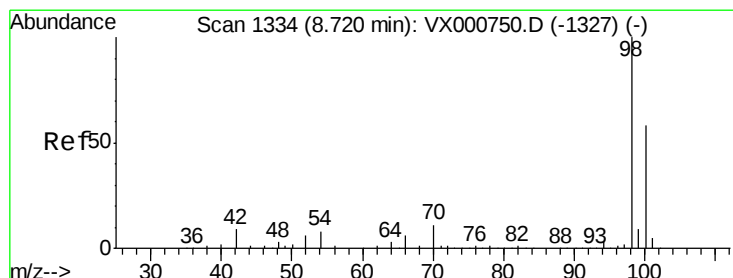
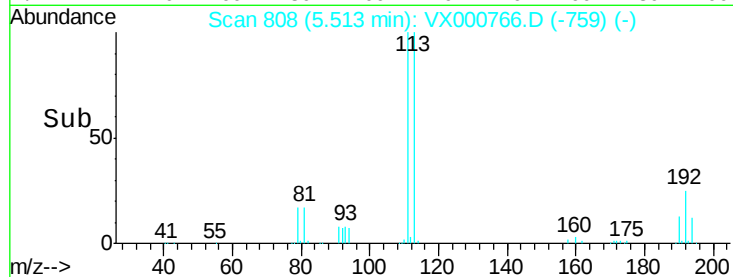
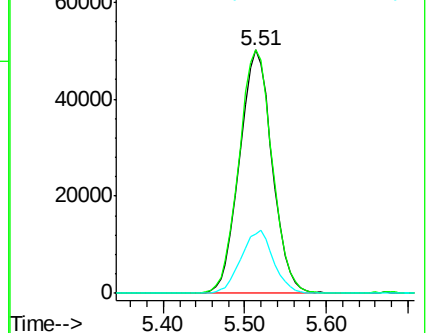
192 25.9 20.4 30.6



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: 40.08 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.01 min

Lab File: VX000766.D

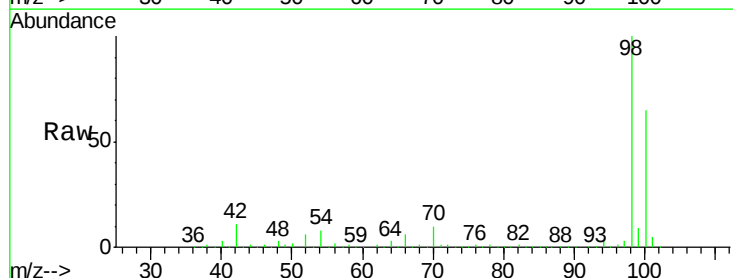
Acq: 10 Apr 2018 23:19

Tgt Ion: 98 Resp: 517800

Ion Ratio Lower Upper

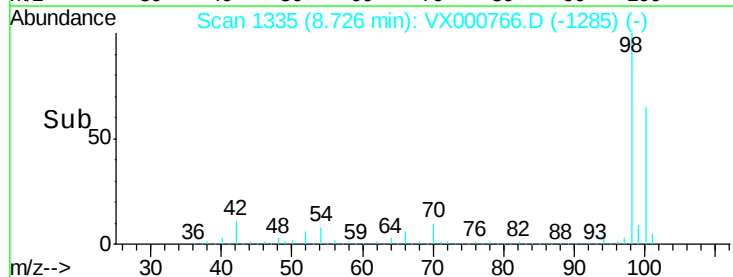
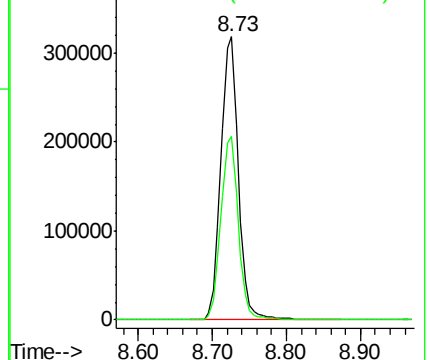
98 100

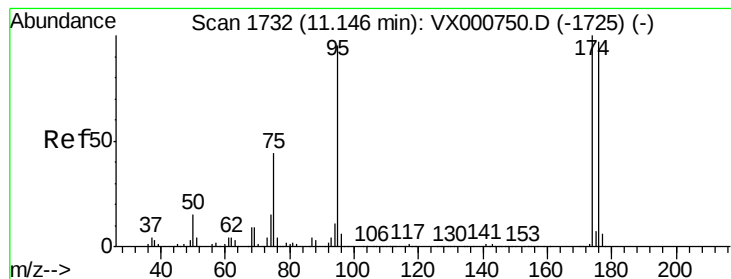
100 64.9 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 39.34 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000766.D

Acq: 10 Apr 2018 23:19

Instrument :

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ClientSampleId :

NB-01-040618-A

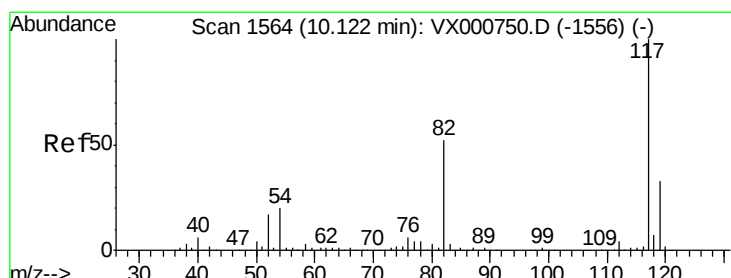
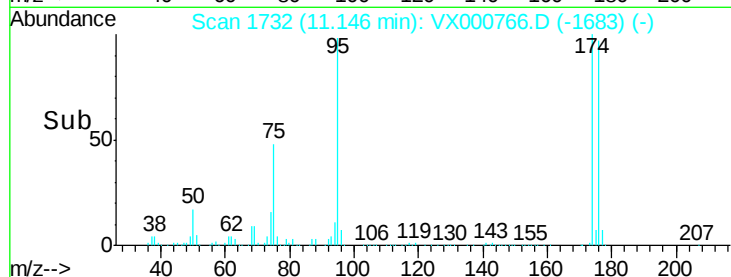
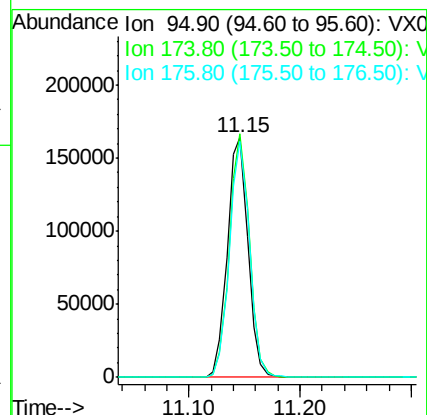
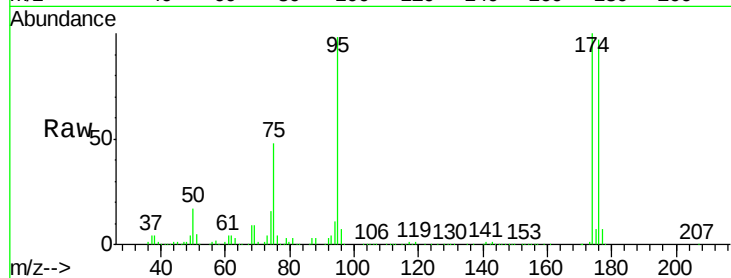
Tot Ion: 95 Resp: 210286

Ion Ratio Lower Upper

95 100

174 98.8 0.0 198.4

176 96.0 0.0 194.4



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000766.D

Acq: 10 Apr 2018 23:19

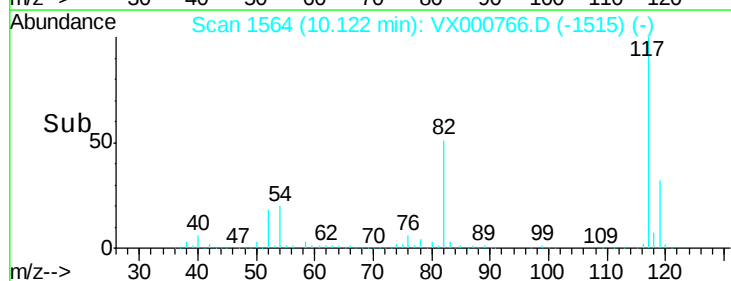
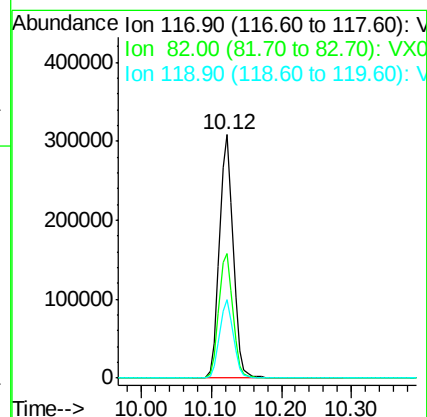
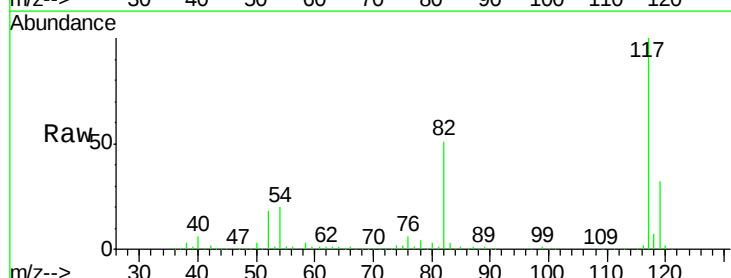
Tgt Ion: 117 Resp: 423538

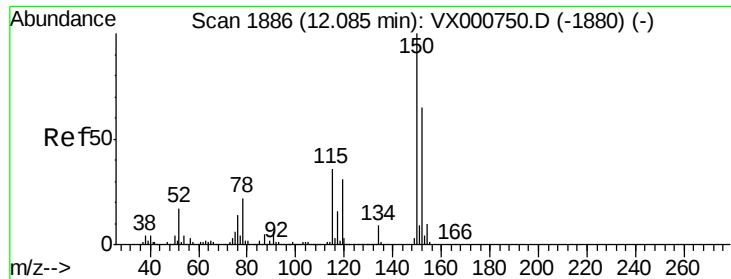
Ion Ratio Lower Upper

117 100

82 51.3 41.9 62.9

119 32.4 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000766.D

Acq: 10 Apr 2018 23:19

Instrument :

MSVOA_X

ClientSampleId :

NB-01-040618-A

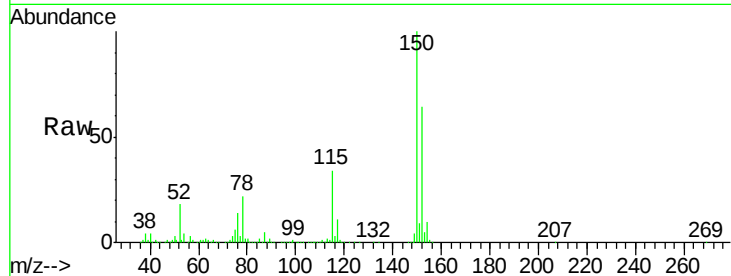
Tot Ion:152 Resp: 250339

Ion Ratio Lower Upper

152 100

115 53.9 37.9 113.7

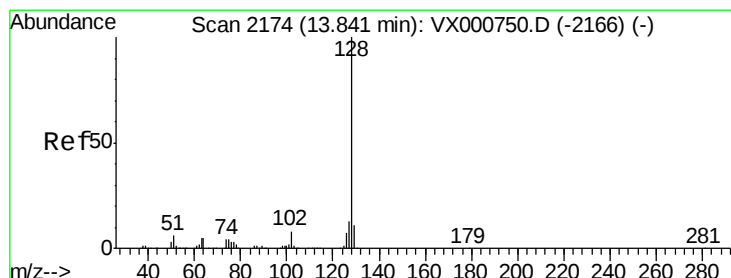
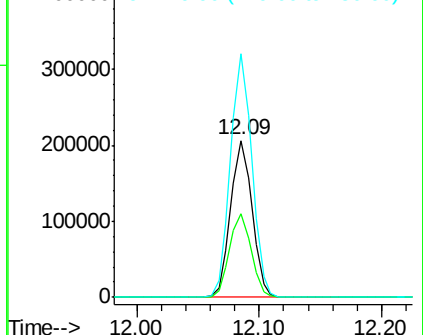
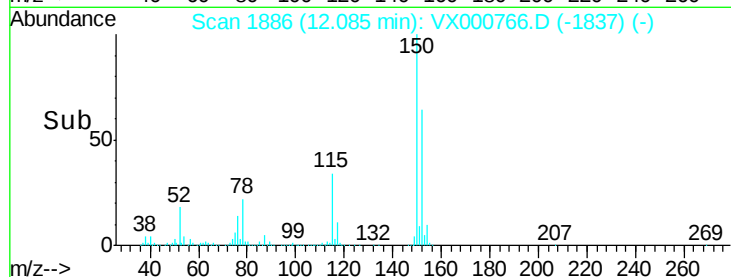
150 154.6 0.0 348.0



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: 3.90 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX000766.D

Acq: 10 Apr 2018 23:19

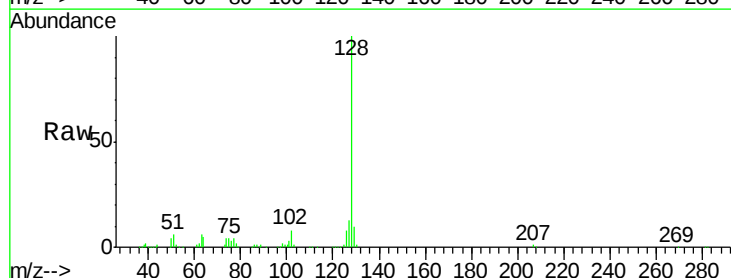
Tgt Ion:128 Resp: 71011

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.8 8.7 13.1



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

