

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041118\
 Data File : VX000772.D
 Acq On : 11 Apr 2018 12:32
 Operator : JC/MD
 Sample : J2155-06 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Apr 11 14:02:13 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

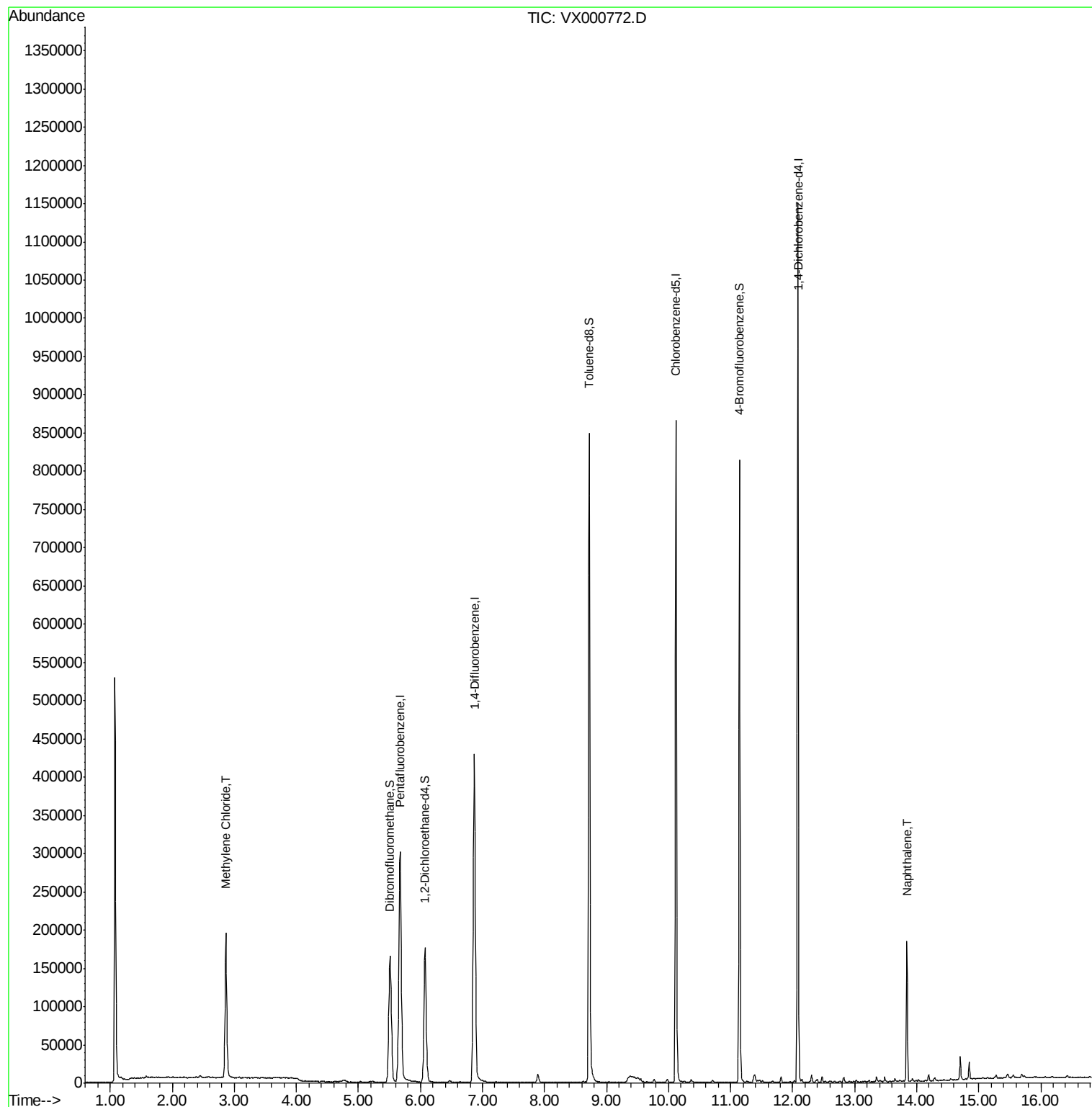
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	324704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	453824	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	425940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	253971	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	165924	40.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.06%	
35) Dibromofluoromethane	5.51	113	139009	39.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.52%	
50) Toluene-d8	8.72	98	524588	40.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.60%	
62) 4-Bromofluorobenzene	11.14	95	214008	39.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.46%	
Target Compounds						
20) Methylene Chloride	2.86	84	89360	27.21	ug/l	99
95) Naphthalene	13.84	128	109991	5.95	ug/l	100

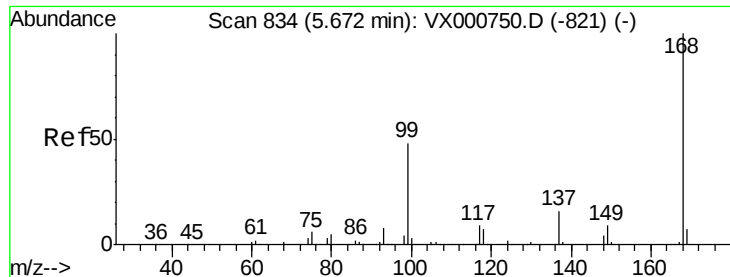
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX000772.D

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ClientSampleId :

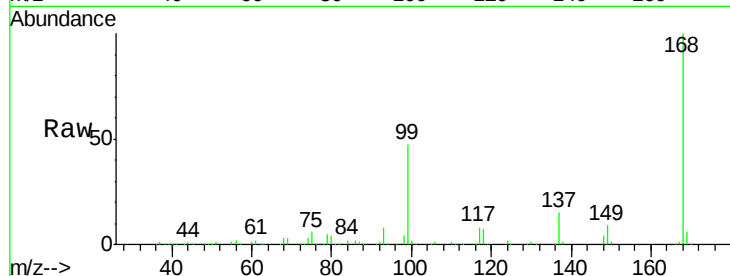
NB-01-040618-C

Tot Ion:168 Resp: 324704

Ion Ratio Lower Upper

168 100

99 47.4 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

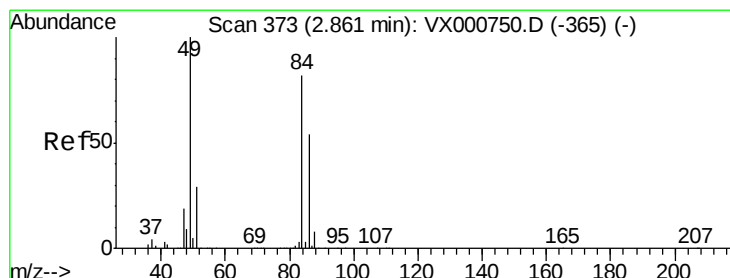
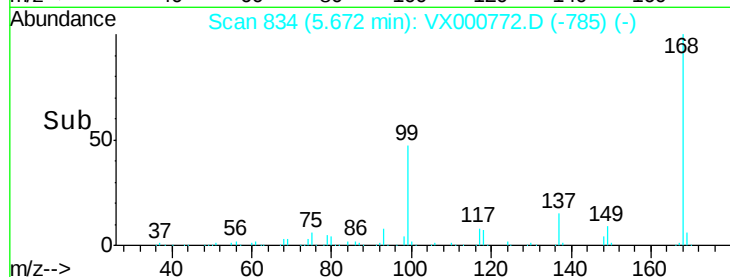
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#20

Methylene Chloride

Concen: 27.21 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX000772.D

Acq: 11 Apr 2018 12:32

Tgt Ion: 84 Resp: 89360

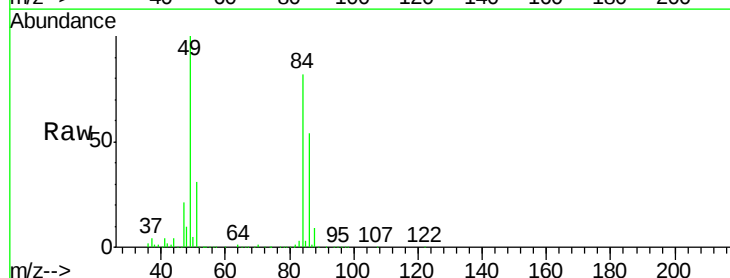
Ion Ratio Lower Upper

84 100

49 122.4 98.1 147.1

51 37.6 28.9 43.3

86 65.7 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

80000

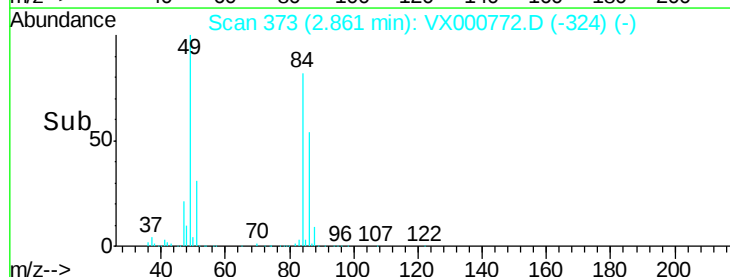
60000

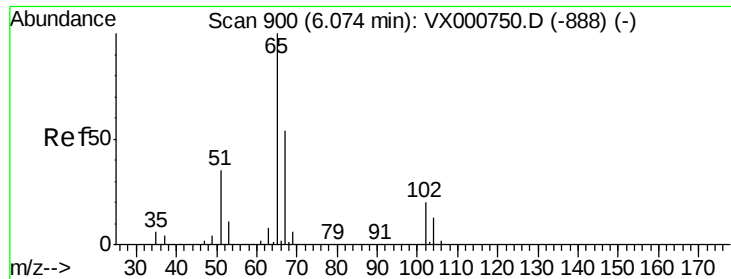
40000

20000

0

Time--> 2.80 2.90 3.00

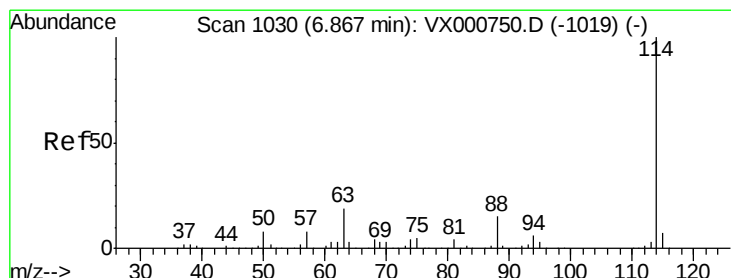
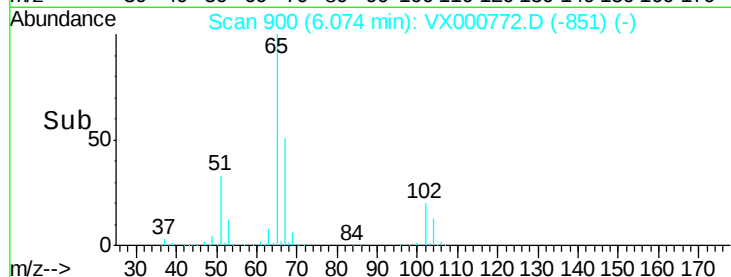
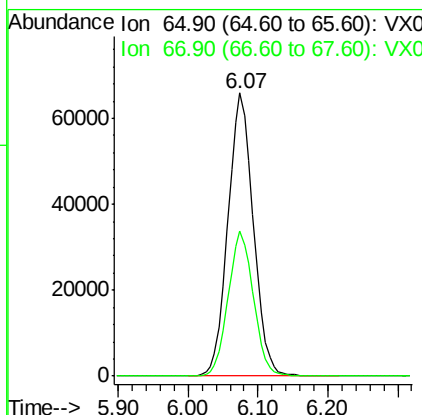
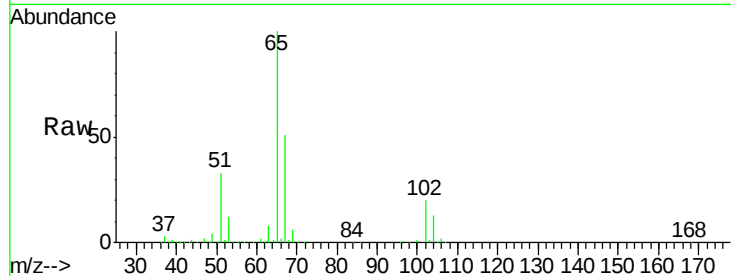




#33
 1,2-Dichloroethane-d4
 Concen: 40.53 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX000772.D
 Acq: 11 Apr 2018 12:32

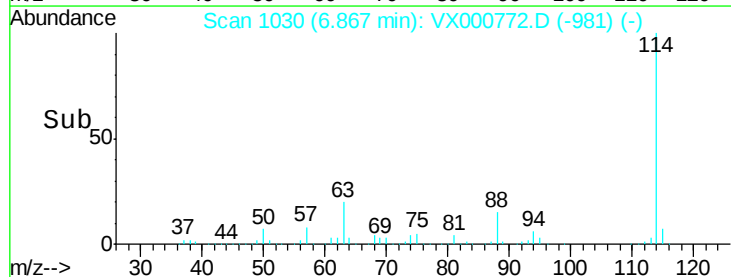
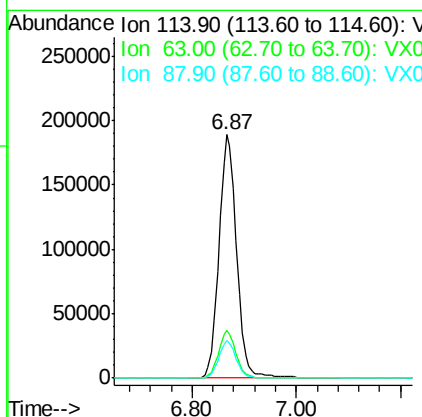
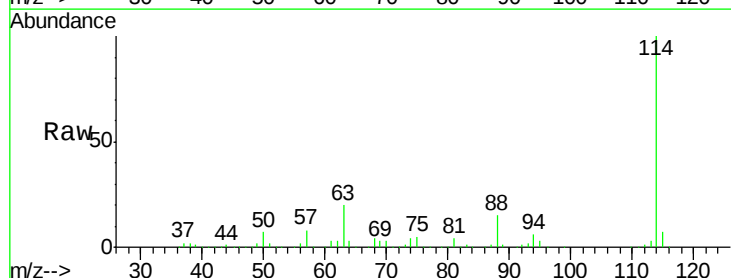
Instrument :
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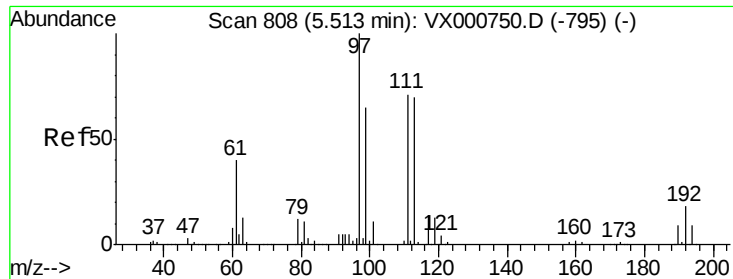
Tot Ion: 65 Resp: 165924
 Ion Ratio Lower Upper
 65 100
 67 51.1 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX000772.D
 Acq: 11 Apr 2018 12:32

Tgt Ion: 114 Resp: 453824
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.4
 88 15.3 0.0 31.0

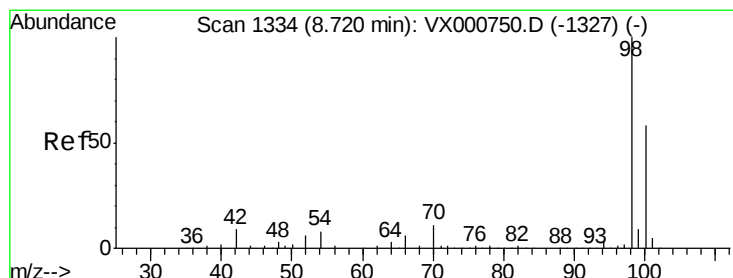
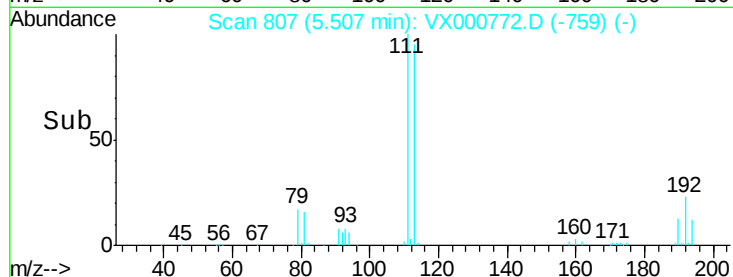
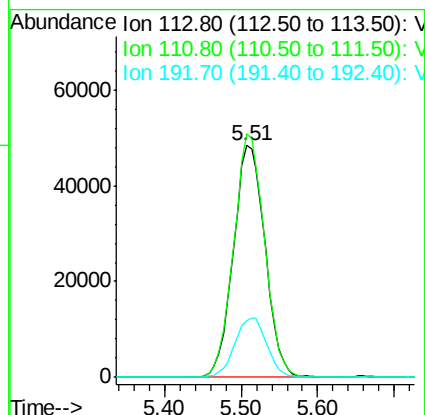
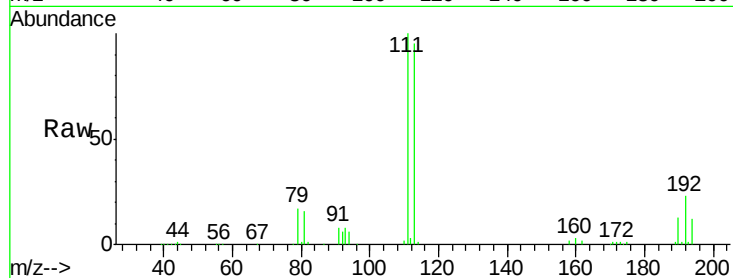




#35
 Dibromofluoromethane
 Concen: 39.76 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. -0.01 min
 Lab File: VX000772.D
 Acq: 11 Apr 2018 12:32

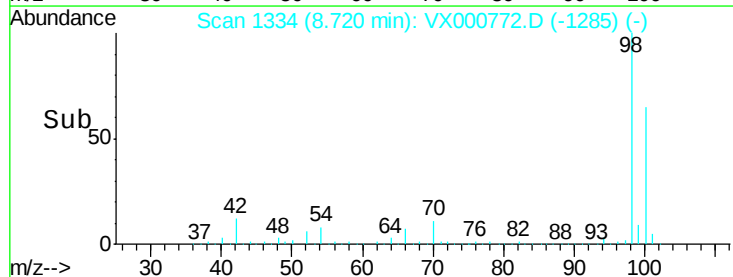
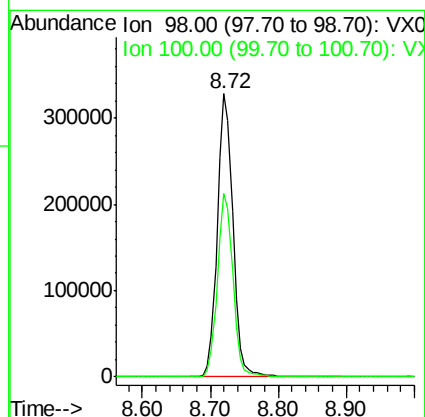
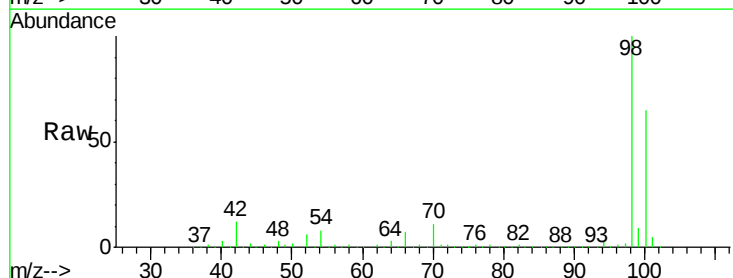
Instrument :
 MSVOA_X
 ClientSampleId :
 NB-01-040618-C

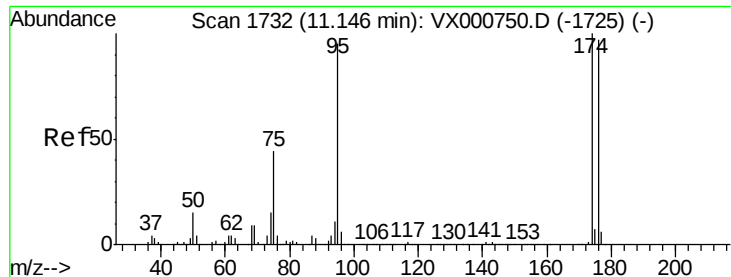
Tot Ion:113 Resp: 139009
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.5 122.3
 192 25.8 20.4 30.6



#50
 Toluene-d8
 Concen: 40.30 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX000772.D
 Acq: 11 Apr 2018 12:32

Tgt Ion: 98 Resp: 524588
 Ion Ratio Lower Upper
 98 100
 100 64.5 52.6 79.0





#62

4-Bromofluorobenzene

Concen: 39.73 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.01 min

Lab File: VX000772.D

Acq: 11 Apr 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

NB-01-040618-C

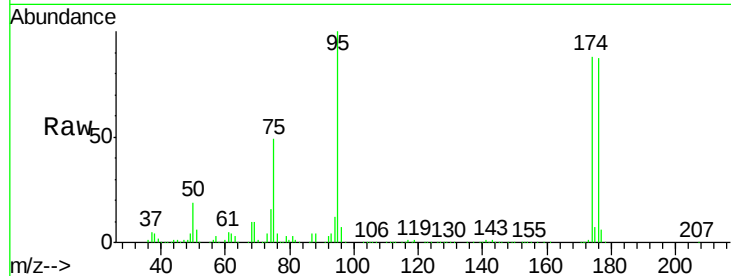
Tot Ion: 95 Resp: 214008

Ion Ratio Lower Upper

95 100

174 97.3 0.0 198.4

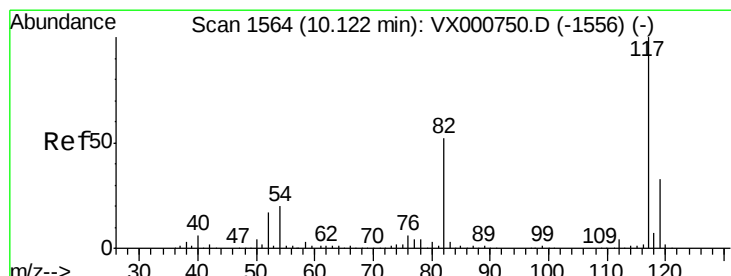
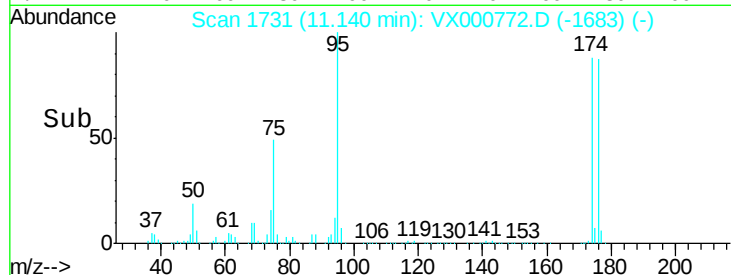
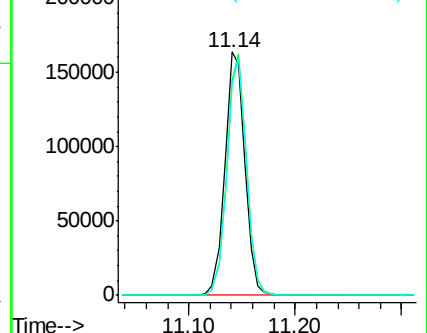
176 95.4 0.0 194.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VX000772.D

Acq: 11 Apr 2018 12:32

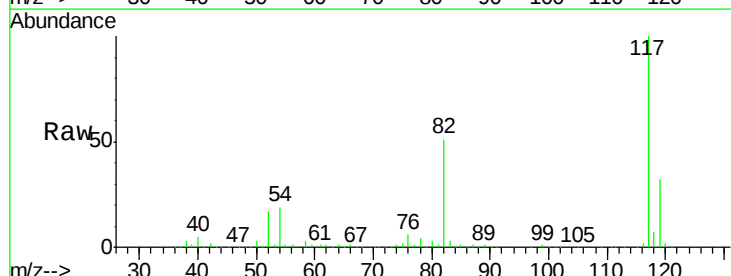
Tgt Ion: 117 Resp: 425940

Ion Ratio Lower Upper

117 100

82 51.0 41.9 62.9

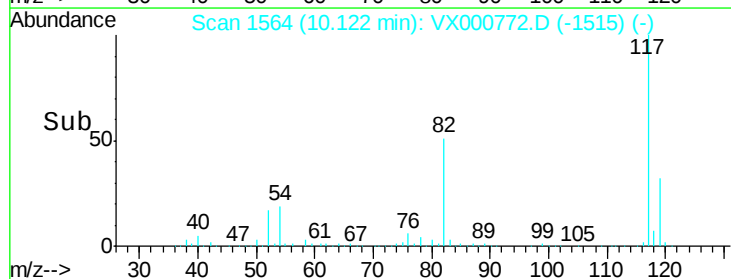
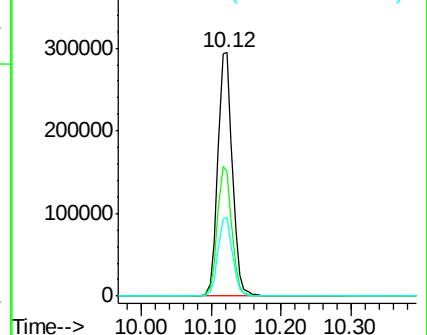
119 32.1 26.0 39.0

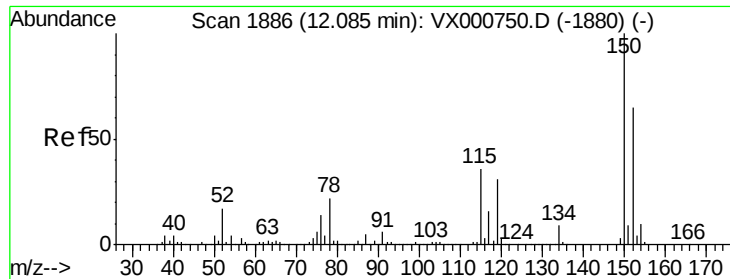


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX000772.D

Acq: 11 Apr 2018 12:32

Instrument :

MSVOA_X

ClientSampleId :

NB-01-040618-C

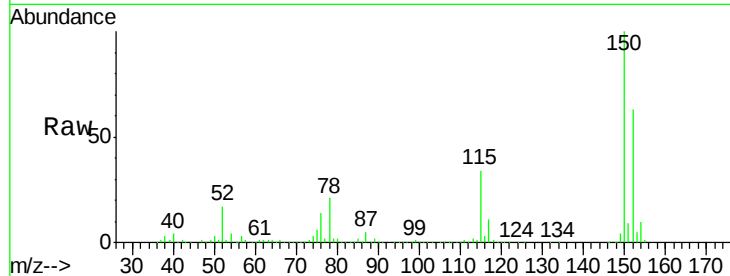
Tot Ion:152 Resp: 253971

Ion Ratio Lower Upper

152 100

115 53.7 37.9 113.7

150 156.2 0.0 348.0

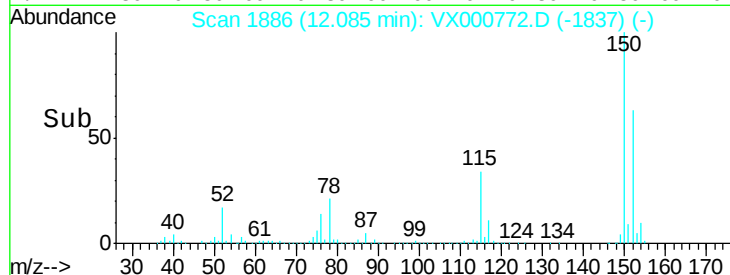


Abundance Ion 151.90 (151.60 to 152.60): V

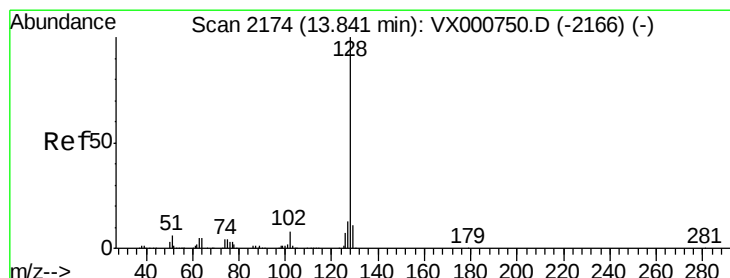
Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

Time--> 12.00 12.10



Time--> 12.00 12.10



#95

Naphthalene

Concen: 5.95 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX000772.D

Acq: 11 Apr 2018 12:32

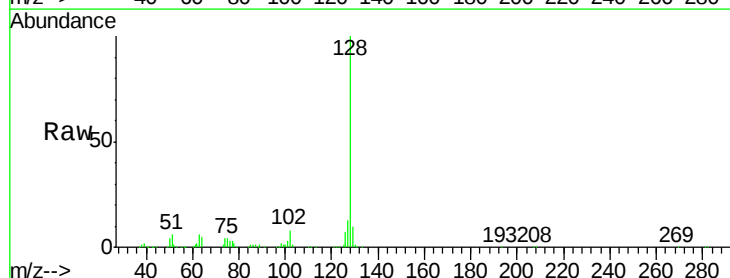
Tgt Ion:128 Resp: 109991

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 10.6 8.7 13.1

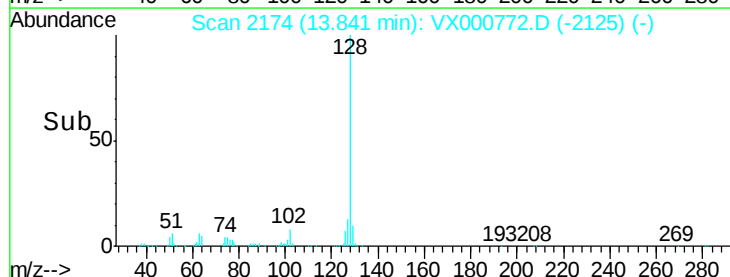


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

Time--> 13.75 13.85 13.90



Time--> 13.75 13.85 13.90