

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101118\
 Data File : VN051818.D
 Acq On : 11 Oct 2018 17:55
 Operator : MD\SY
 Sample : PB113748TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113748TB

Quant Time: Oct 12 06:56:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101118W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 11 13:17:04 2018
 Response via : Initial Calibration

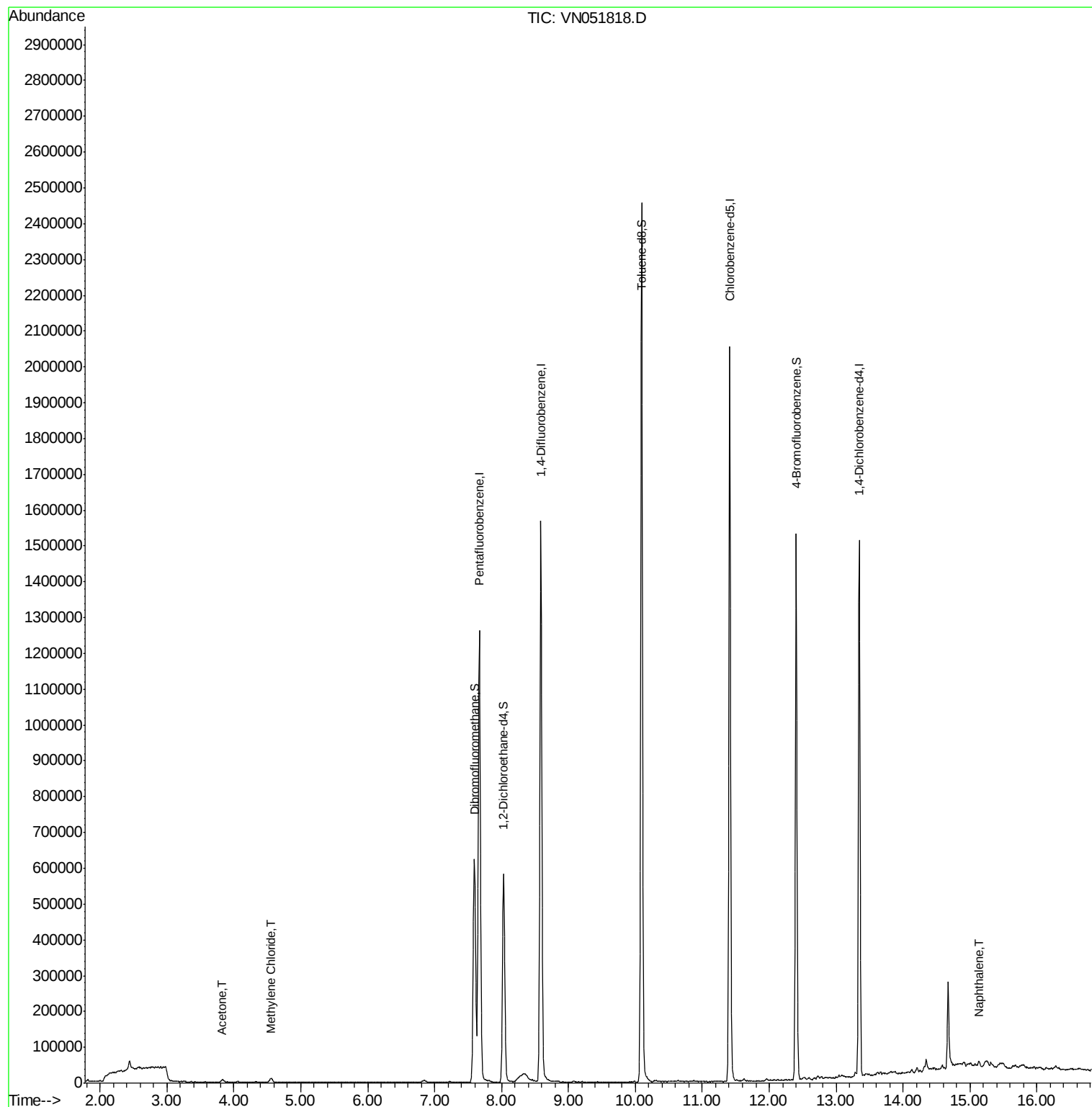
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1103732	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1526964	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1266067	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	430218	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	503031	47.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.36%	
35) Dibromofluoromethane	7.59	113	466197	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
50) Toluene-d8	10.09	98	1828712	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.38%	
62) 4-Bromofluorobenzene	12.40	95	496716	40.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.34%	
Target Compounds						
16) Acetone	3.83	43	6942	3.05	ug/l	98
20) Methylene Chloride	4.54	84	9534	1.01	ug/l #	79
95) Naphthalene	15.13	128	12133	5.09	ug/l #	91

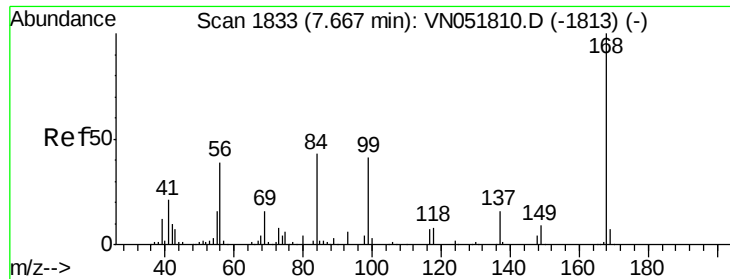
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051818.D

Acq: 11 Oct 2018 17:55

Instrument :

MSVOA_N

ClientSampleId :

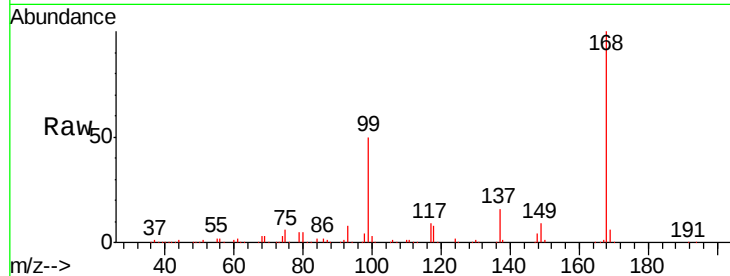
PB113748TB

Tgt Ion:168 Resp: 1103732

Ion Ratio Lower Upper

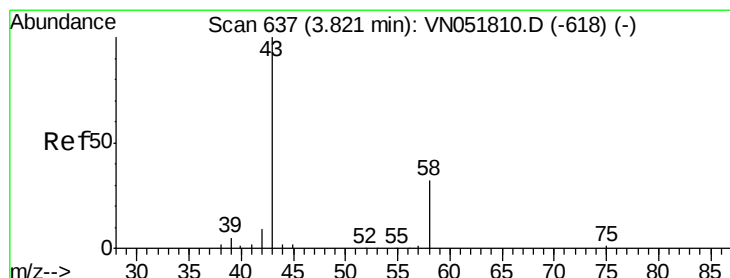
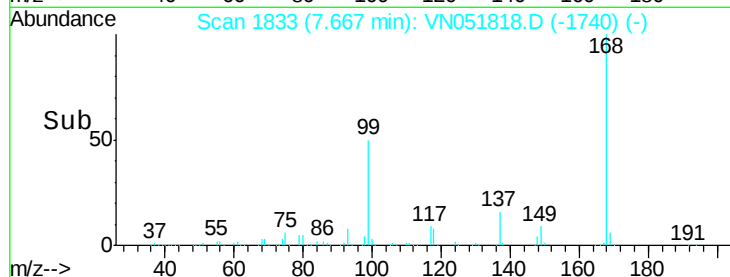
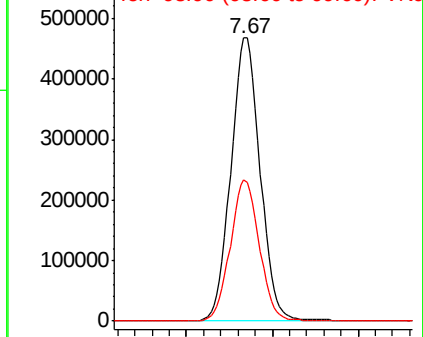
168 100

99 49.9 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 3.05 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN051818.D

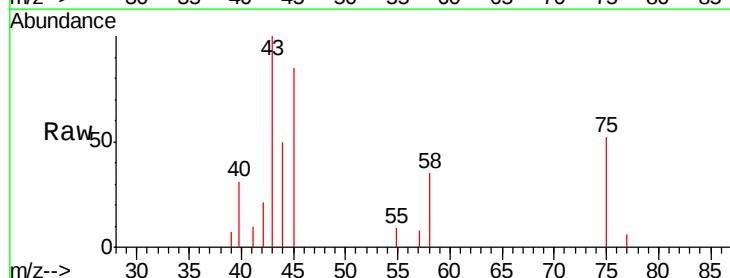
Acq: 11 Oct 2018 17:55

Tgt Ion: 43 Resp: 6942

Ion Ratio Lower Upper

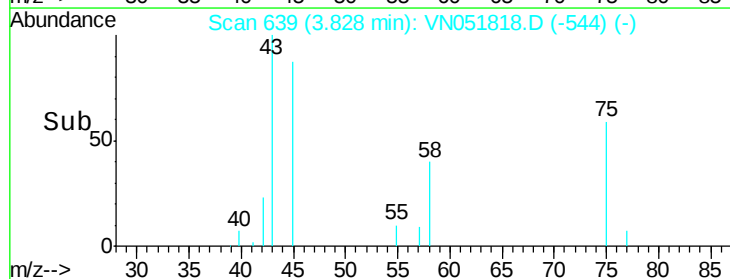
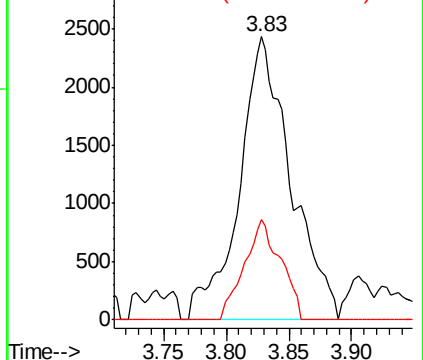
43 100

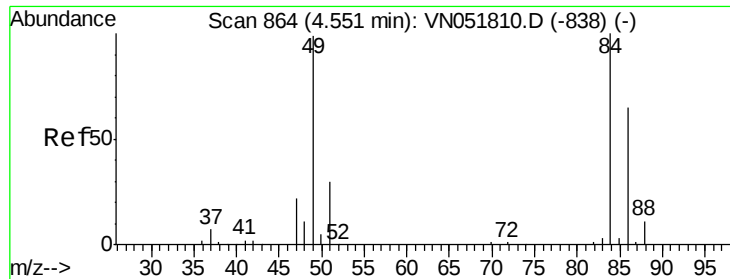
58 35.4 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

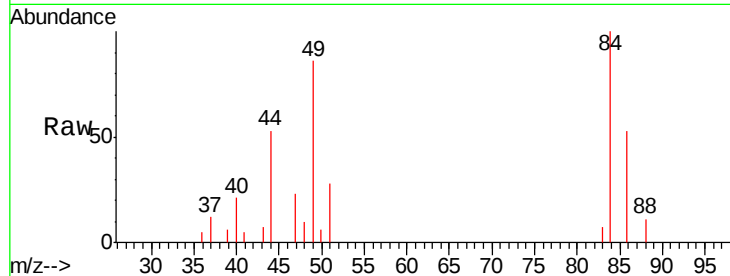




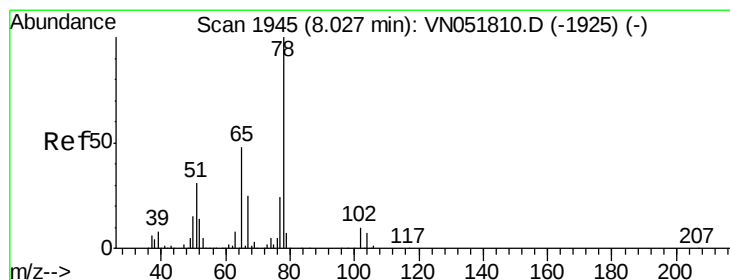
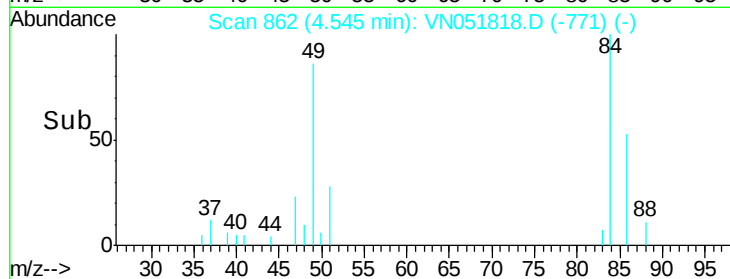
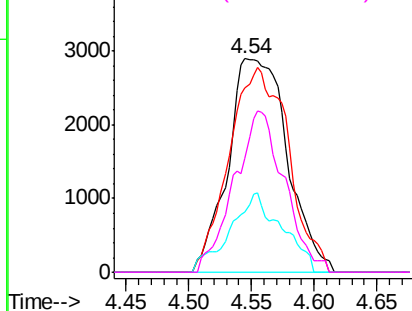
#20
Methylene Chloride
Concen: 1.01 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.01 min
Lab File: VN051818.D
Acq: 11 Oct 2018 17:55

Instrument :
MSVOA_N
ClientSampled :
PB113748TB

Tgt Ion: 84 Resp: 9534
Ion Ratio Lower Upper
84 100
49 86.2 93.2 139.8#
51 28.2 29.0 43.6#
86 53.3 49.8 74.8

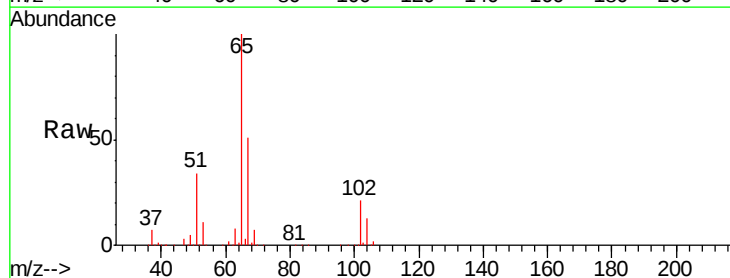


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

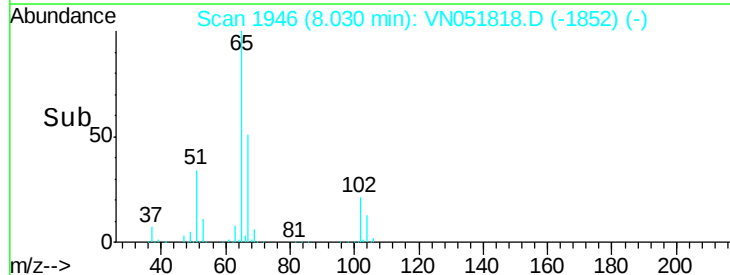
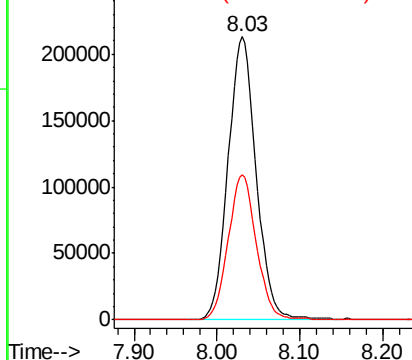


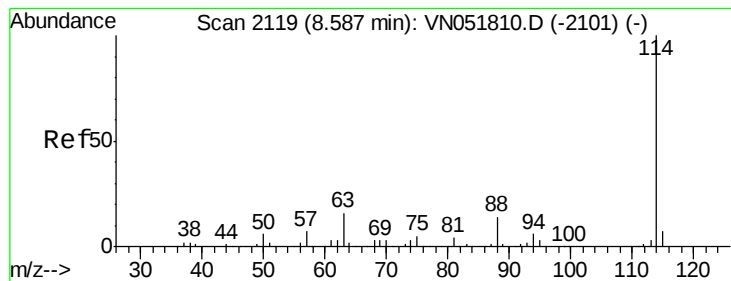
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051818.D
Acq: 11 Oct 2018 17:55

Tgt Ion: 65 Resp: 503031
Ion Ratio Lower Upper
65 100
67 51.3 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN051818.D

Acq: 11 Oct 2018 17:55

Instrument :

MSVOA_N

ClientSampleId :

PB113748TB

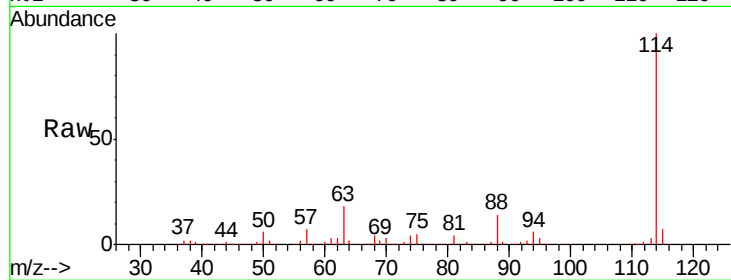
Tgt Ion:114 Resp: 1526964

Ion Ratio Lower Upper

114 100

63 17.7 0.0 38.6

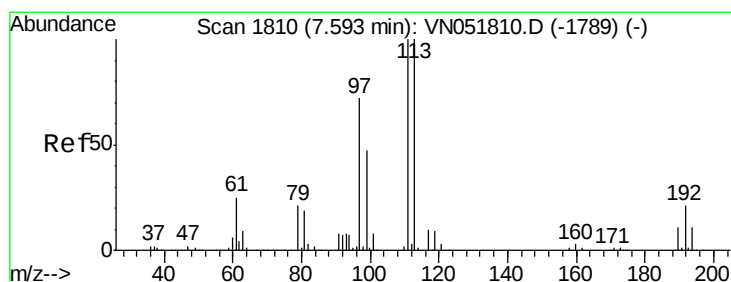
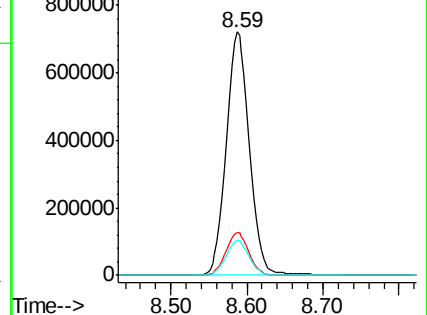
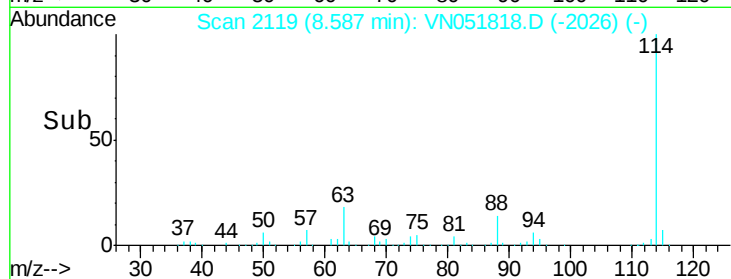
88 14.4 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051818.D

Acq: 11 Oct 2018 17:55

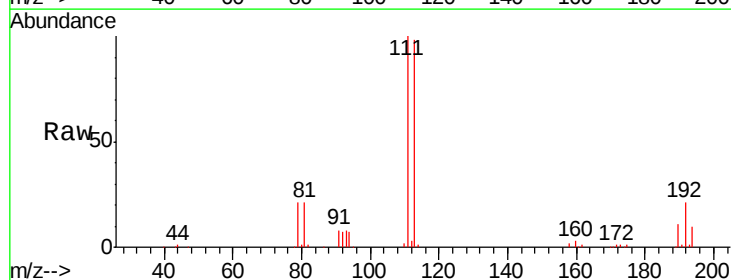
Tgt Ion:113 Resp: 466197

Ion Ratio Lower Upper

113 100

111 103.8 82.6 123.8

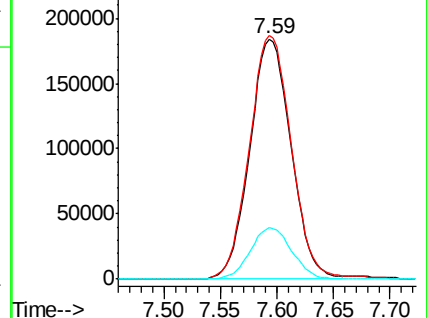
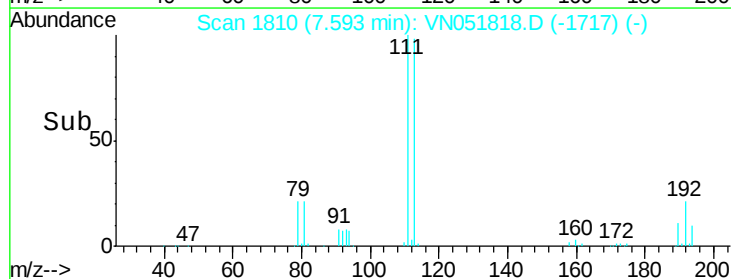
192 21.6 18.0 27.0

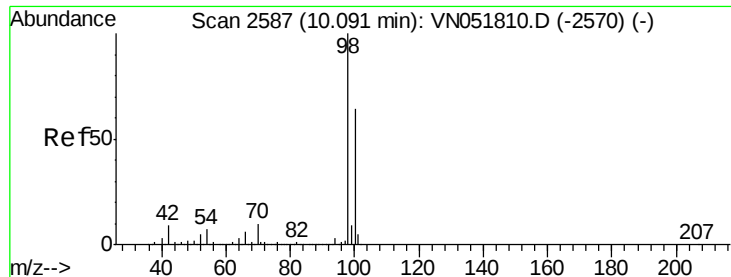


Abundance Ion 112.80 (112.50 to 113.50): V

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: VN051818.D

Acq: 11 Oct 2018 17:55

Instrument :

MSVOA_N

ClientSampled :

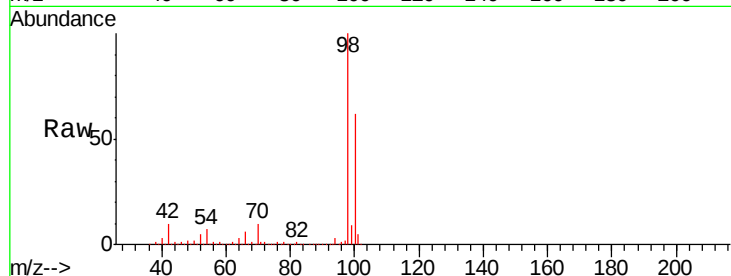
PB113748TB

Tgt Ion: 98 Resp: 1828712

Ion Ratio Lower Upper

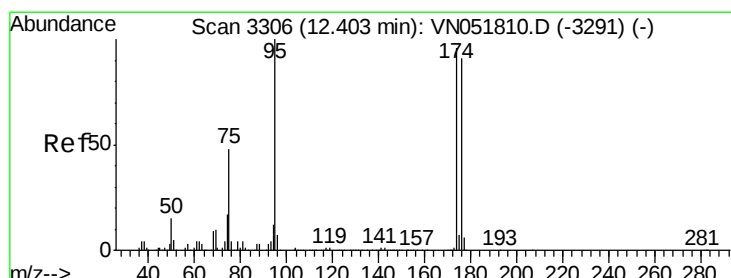
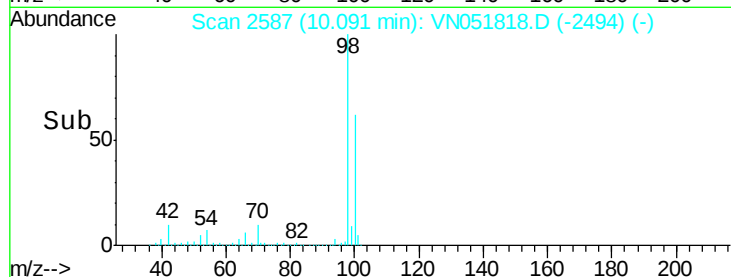
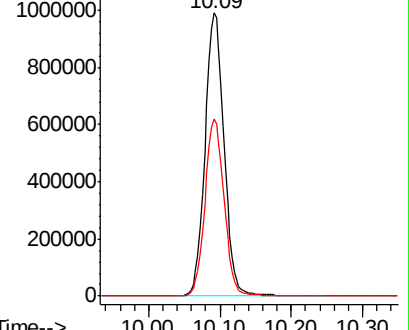
98 100

100 62.8 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN051818.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN051818.D (-2570) (-)



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051818.D

Acq: 11 Oct 2018 17:55

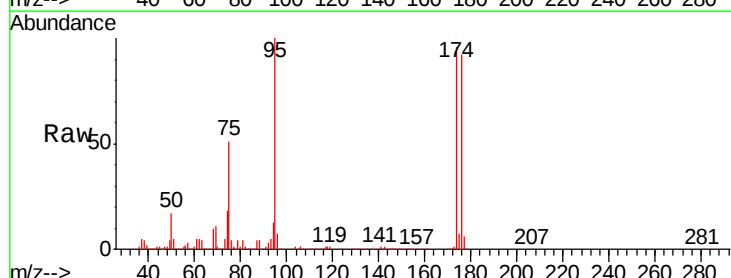
Tgt Ion: 95 Resp: 496716

Ion Ratio Lower Upper

95 100

174 96.0 0.0 183.0

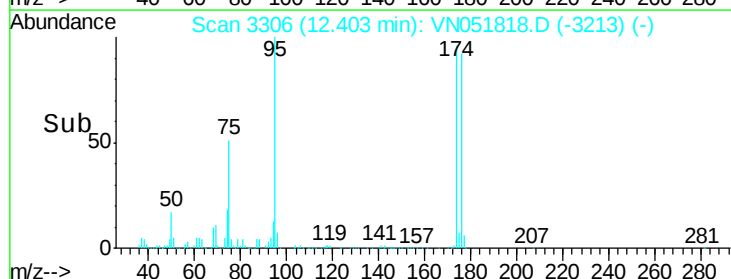
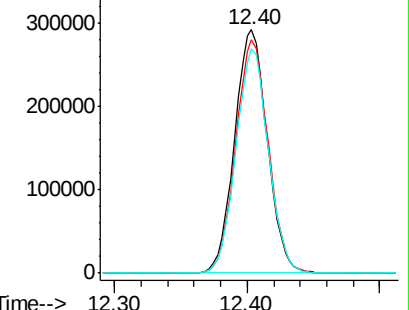
176 92.1 0.0 178.8

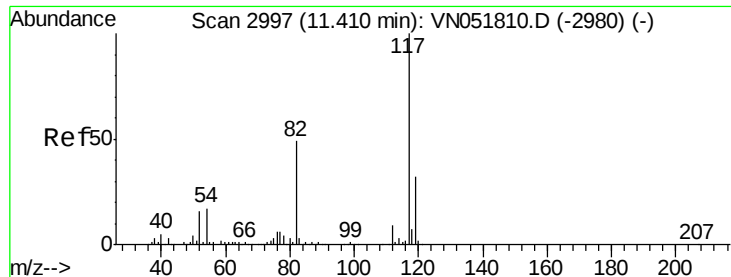


Abundance Ion 94.90 (94.60 to 95.60): VN051818.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN051818.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN051818.D (-3291) (-)





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051818.D

Acq: 11 Oct 2018 17:55

Instrument :

MSVOA_N

ClientSampleId :

PB113748TB

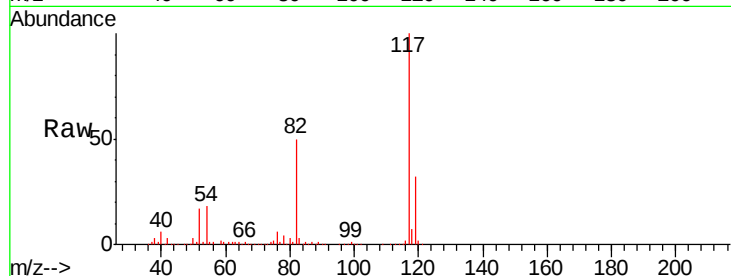
Tgt Ion:117 Resp: 1266067

Ion Ratio Lower Upper

117 100

82 50.4 42.6 64.0

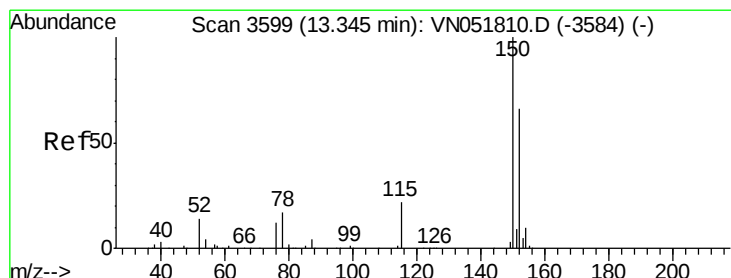
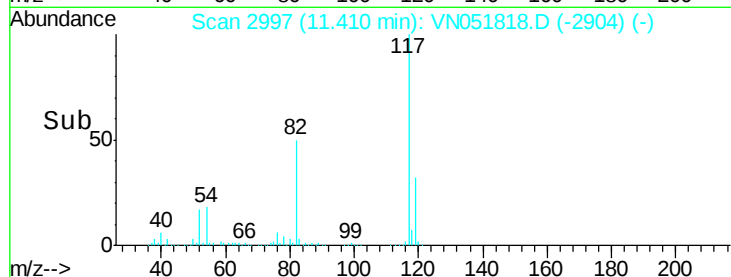
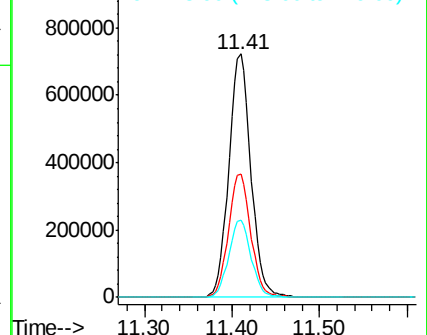
119 31.8 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051818.D

Acq: 11 Oct 2018 17:55

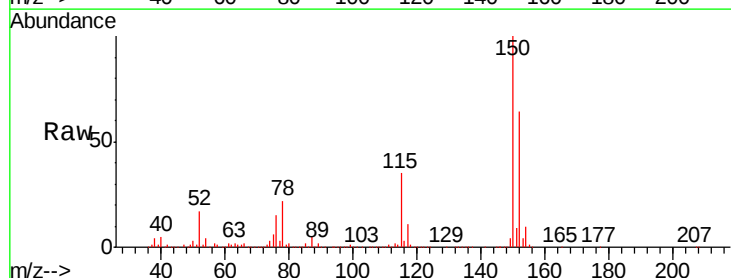
Tgt Ion:152 Resp: 430218

Ion Ratio Lower Upper

152 100

115 55.5 27.8 83.4

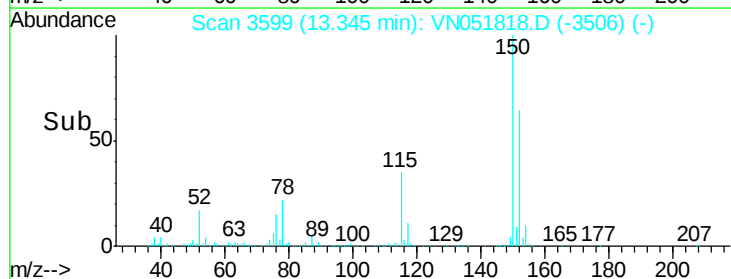
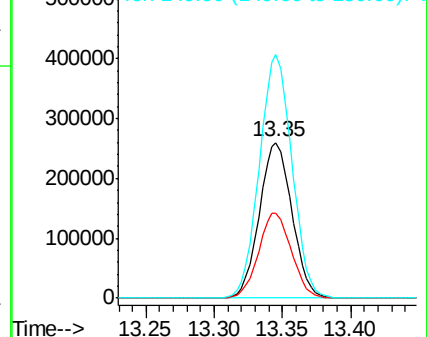
150 156.3 0.0 351.4

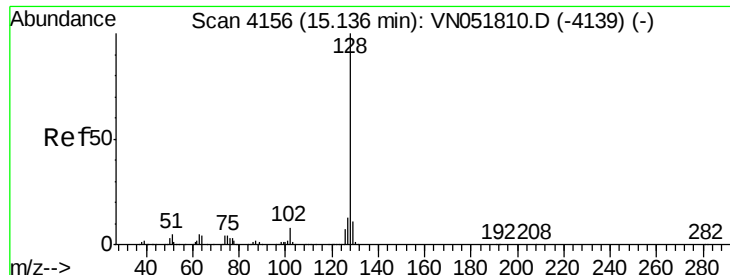


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 5.09 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN051818.D

Acq: 11 Oct 2018 17:55

Instrument :

MSVOA_N

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PB113748TB

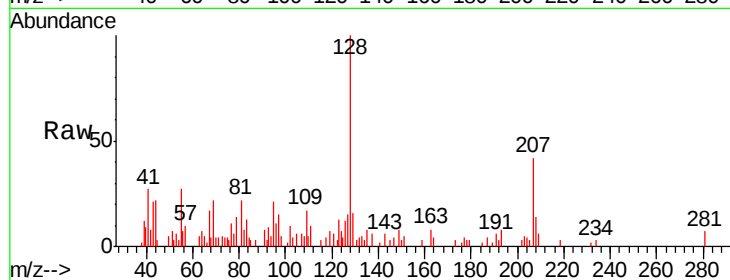
Tgt Ion:128 Resp: 12133

Ion Ratio Lower Upper

128 100

127 15.5 10.5 15.7

129 15.8 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

