

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101218\
 Data File : VN051848.D
 Acq On : 12 Oct 2018 22:24
 Operator : MD\SY
 Sample : PB113779ZHE#01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113779ZHE#01

Quant Time: Oct 13 02:30:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101118W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 09:51:20 2018
 Response via : Initial Calibration

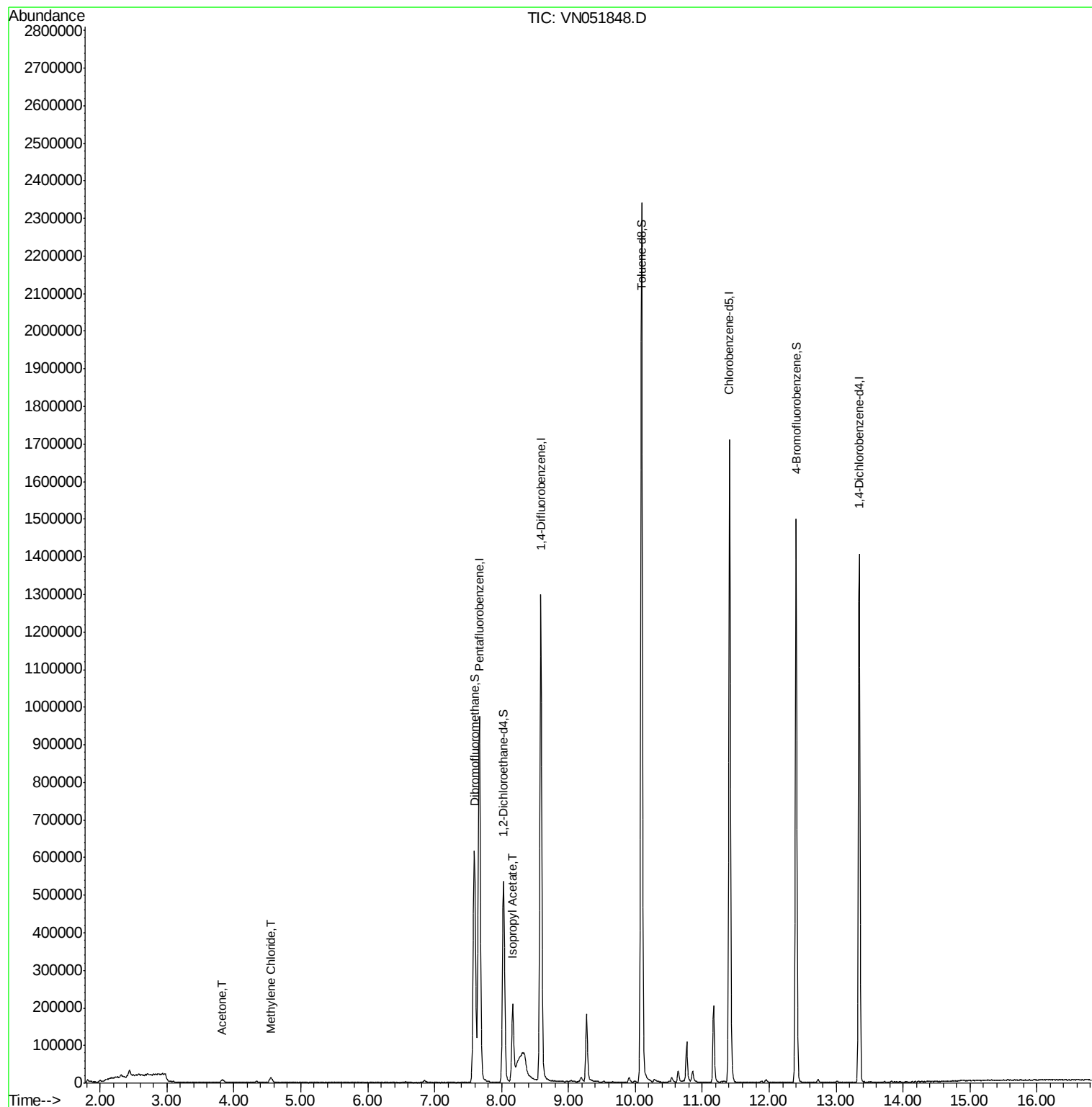
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	865634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1249148	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1101414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	402456	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	464928	56.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.38%	
35) Dibromofluoromethane	7.59	113	464102	59.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.50%	
50) Toluene-d8	10.09	98	1721600	59.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.96%	
62) 4-Bromofluorobenzene	12.40	95	506771	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.44%	
Target Compounds						
16) Acetone	3.83	43	13380	7.50	ug/l	93
20) Methylene Chloride	4.55	84	10822	1.47	ug/l #	83
43) Isopropyl Acetate	8.17	43	239079	22.77	ug/l #	96

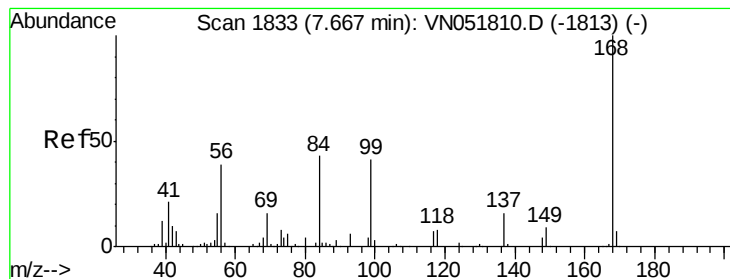
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN101218\
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Quant Title : SW846 8260
QLast Update : Fri Oct 12 09:51:20 2018
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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: VN051848.D

Acq: 12 Oct 2018 22:24

Instrument :

MSVOA_N

ClientSampleId :

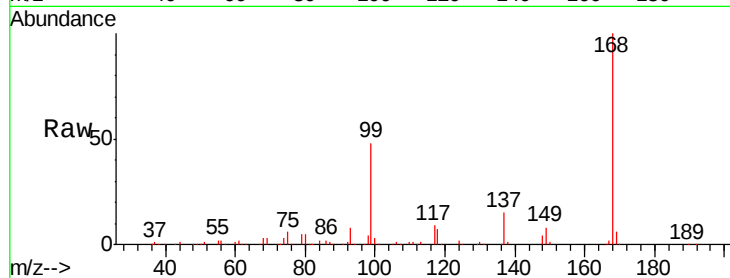
PB113779ZHE#01

Tgt Ion:168 Resp: 865634

Ion Ratio Lower Upper

168 100

99 48.5 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): VN051848.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN051848.D (-1740) (-)

7.67

400000

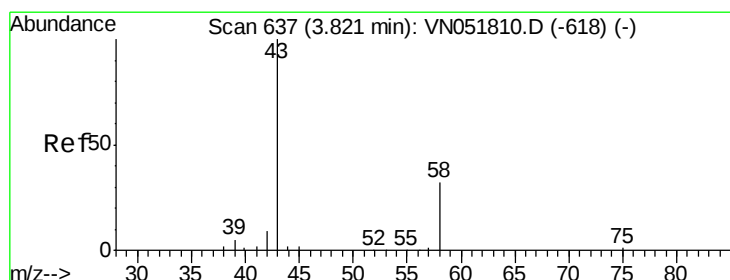
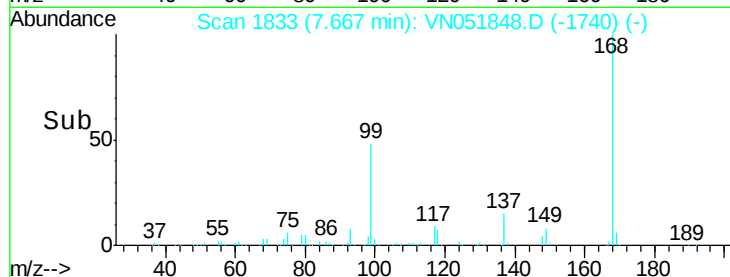
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 7.50 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN051848.D

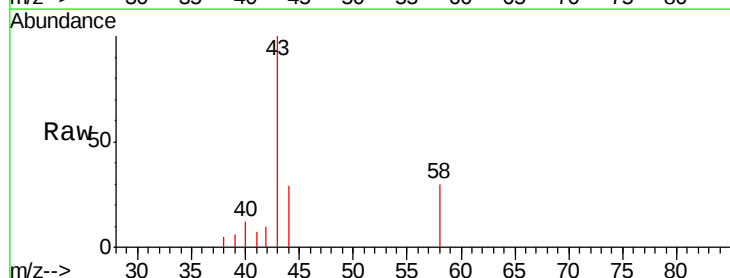
Acq: 12 Oct 2018 22:24

Tgt Ion: 43 Resp: 13380

Ion Ratio Lower Upper

43 100

58 29.8 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN051848.D (-544) (-)

Ion 58.00 (57.70 to 58.70): VN051848.D (-544) (-)

3.83

5000

4000

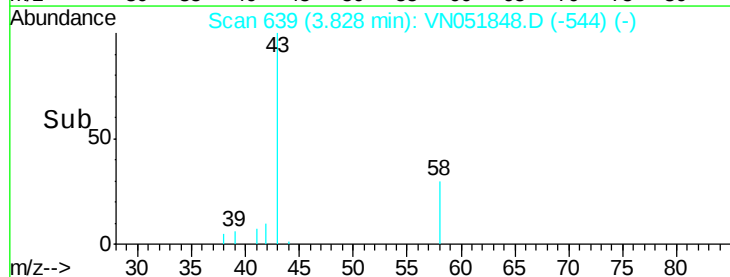
3000

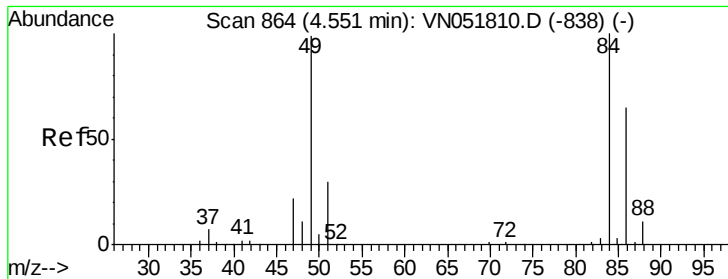
2000

1000

0

Time-->

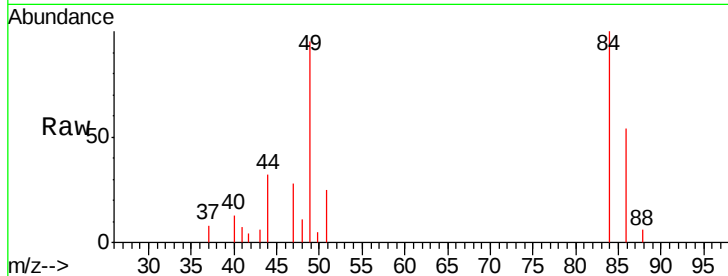




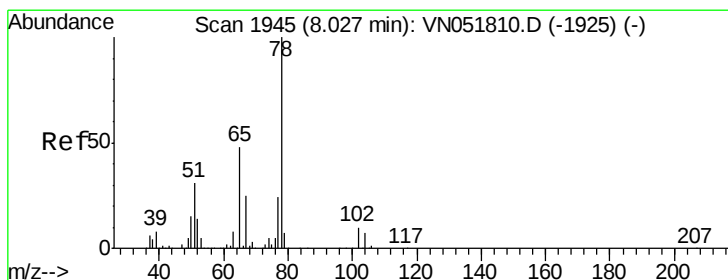
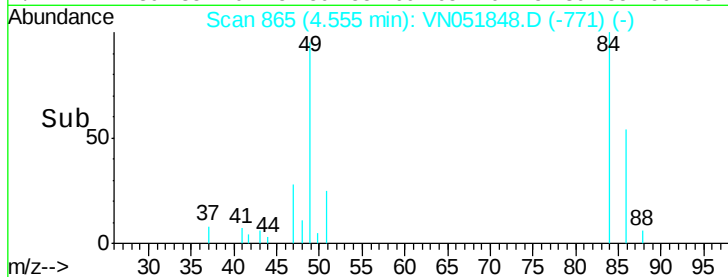
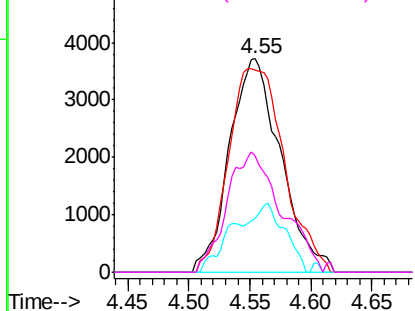
#20
Methylene Chloride
Concen: 1.47 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051848.D
Acq: 12 Oct 2018 22:24

Instrument :
MSVOA_N
ClientSampleId :
PB113779ZHE#01

Tgt Ion: 84 Resp: 10822
Ion Ratio Lower Upper
84 100
49 94.8 93.2 139.8
51 25.2 29.0 43.6#
86 54.3 49.8 74.8

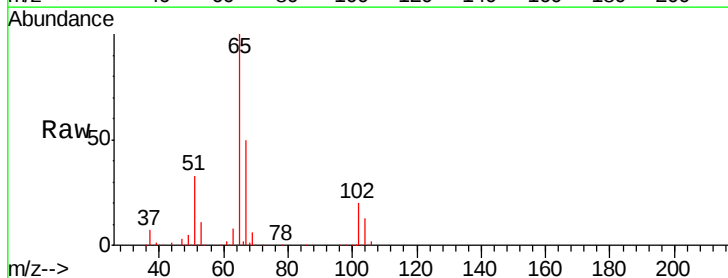


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

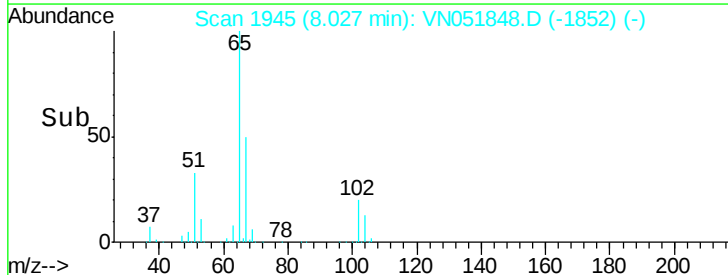
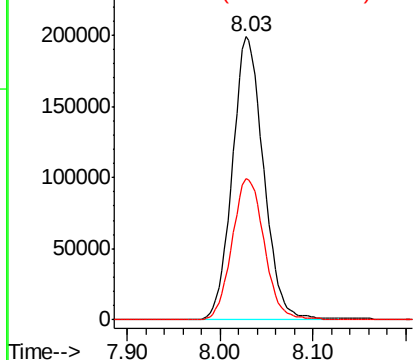


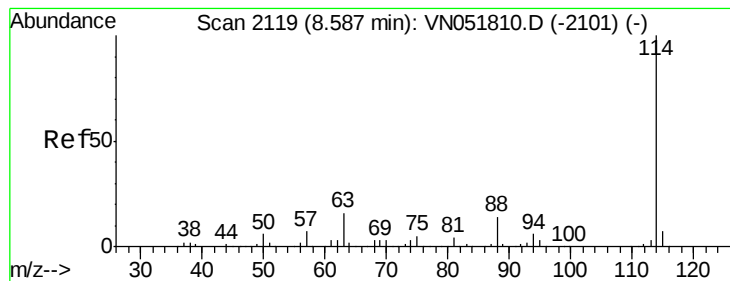
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN051848.D
Acq: 12 Oct 2018 22:24

Tgt Ion: 65 Resp: 464928
Ion Ratio Lower Upper
65 100
67 51.5 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: VN051848.D

Acq: 12 Oct 2018 22:24

Instrument :

MSVOA_N

ClientSampleId :

PB113779ZHE#01

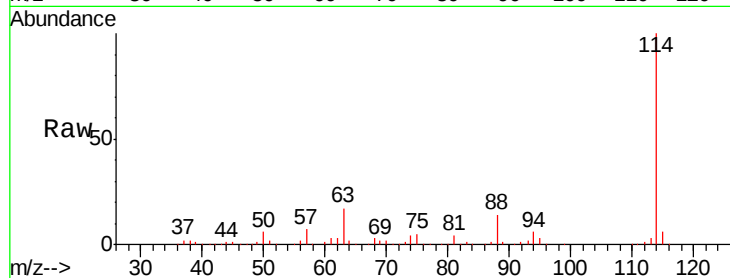
Tgt Ion:114 Resp: 1249148

Ion Ratio Lower Upper

114 100

63 16.6 0.0 38.6

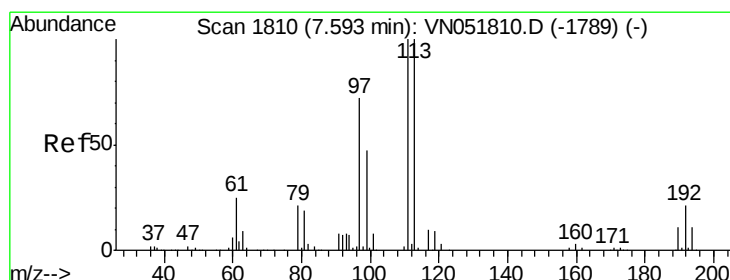
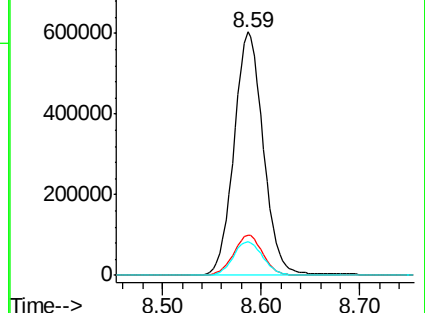
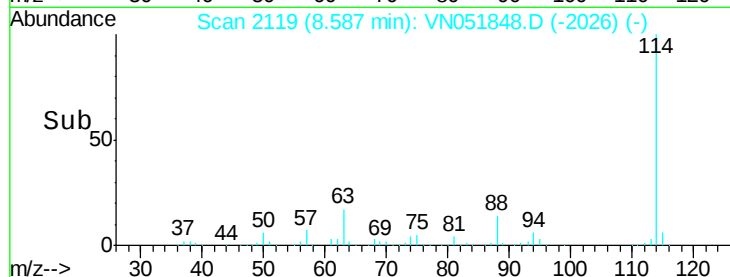
88 14.0 0.0 30.6



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: VN051848.D

Acq: 12 Oct 2018 22:24

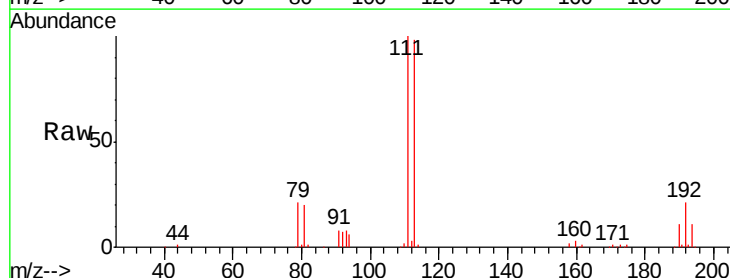
Tgt Ion:113 Resp: 464102

Ion Ratio Lower Upper

113 100

111 102.4 82.6 123.8

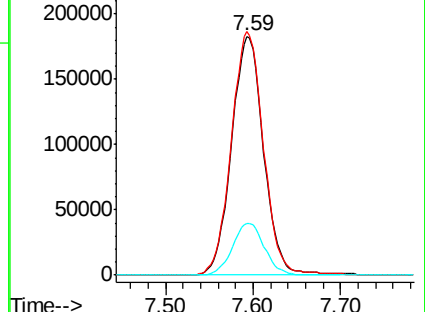
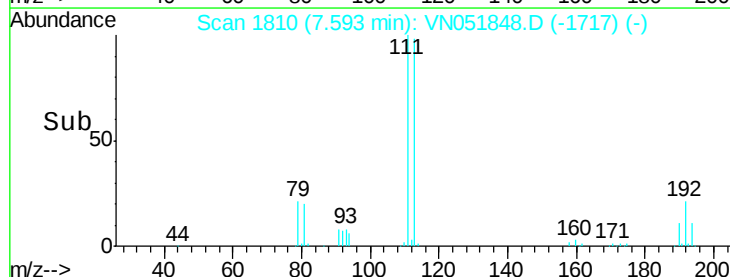
192 21.6 18.0 27.0

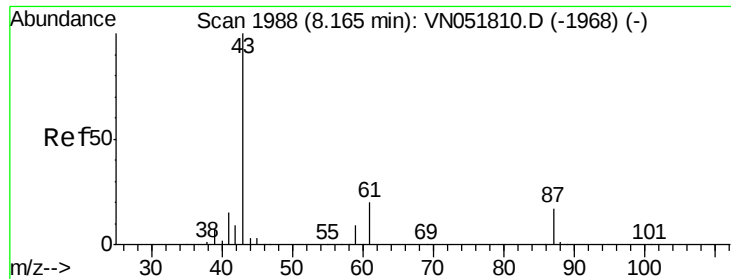


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 22.77 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN051848.D

Acq: 12 Oct 2018 22:24

Instrument :

MSVOA_N

ClientSampleId :

PB113779ZHE#01

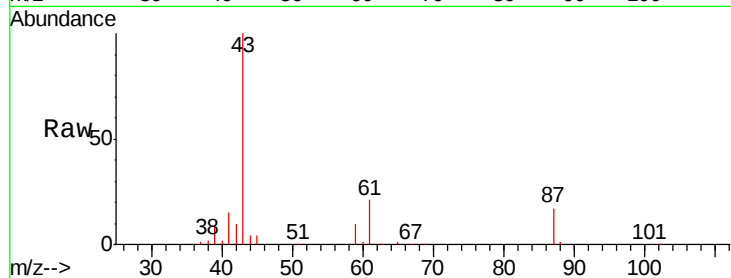
Tgt Ion: 43 Resp: 239079

Ion Ratio Lower Upper

43 100

61 21.1 17.5 26.3

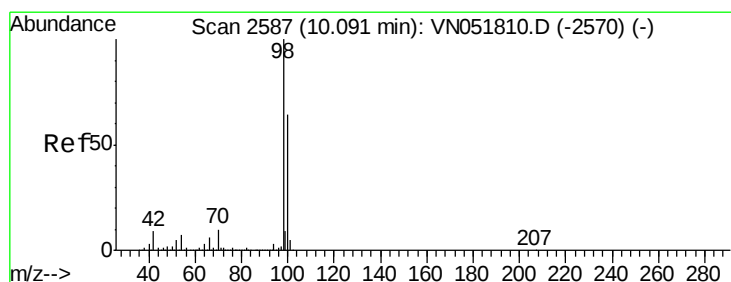
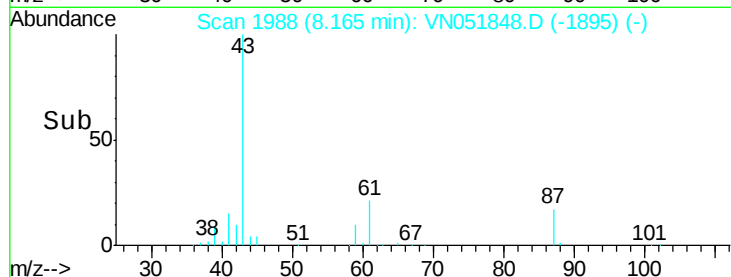
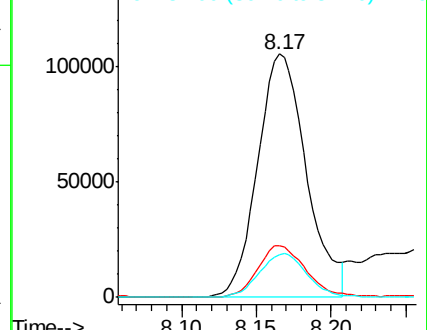
87 17.5 11.3 16.9#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051848.D

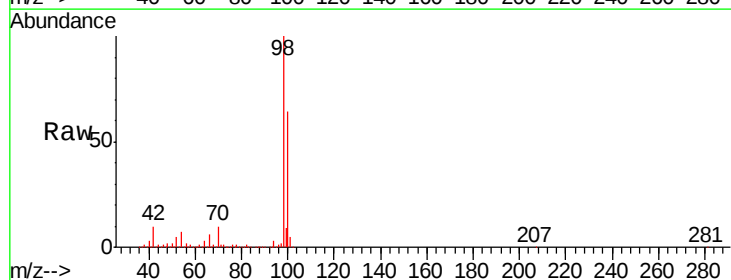
Acq: 12 Oct 2018 22:24

Tgt Ion: 98 Resp: 1721600

Ion Ratio Lower Upper

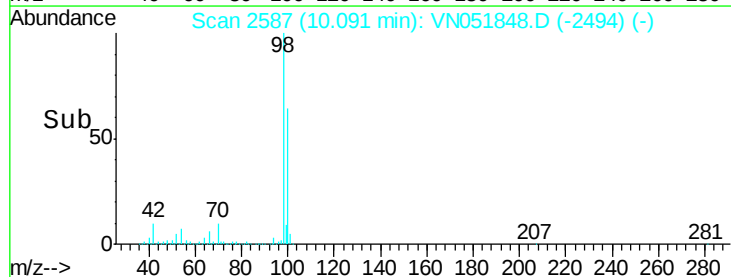
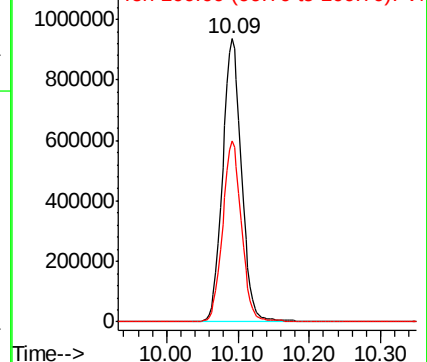
98 100

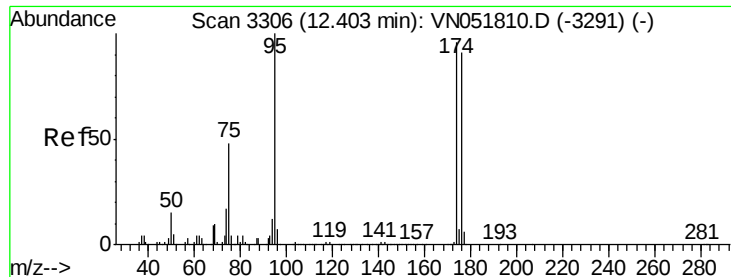
100 63.7 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN051848.D

Acq: 12 Oct 2018 22:24

Instrument :

MSVOA_N

ClientSampleId :

PB113779ZHE#01

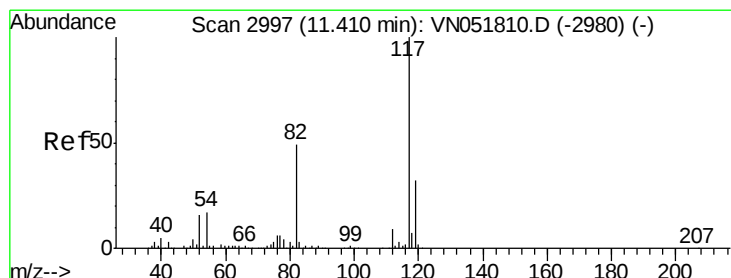
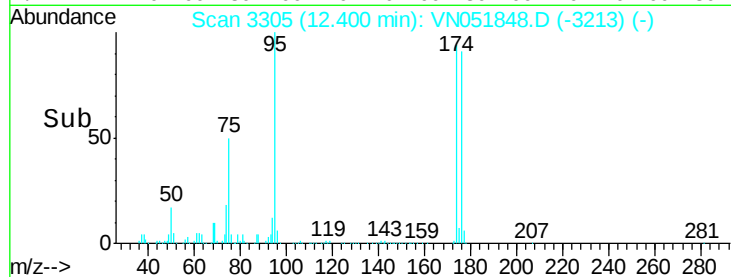
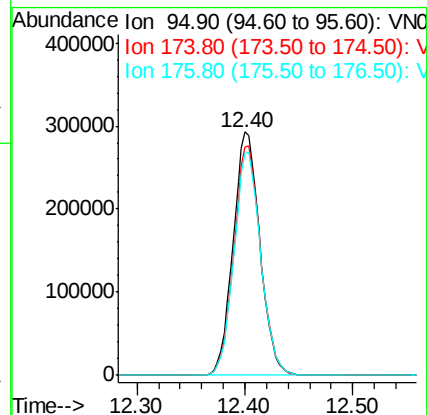
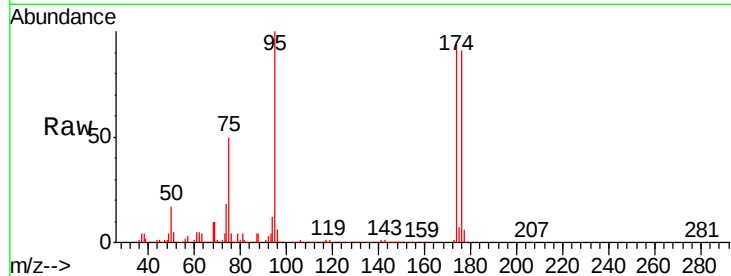
Tgt Ion: 95 Resp: 506771

Ion Ratio Lower Upper

95 100

174 94.0 0.0 183.0

176 91.5 0.0 178.8



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN051848.D

Acq: 12 Oct 2018 22:24

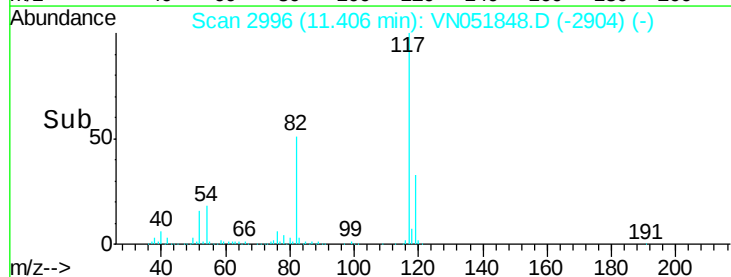
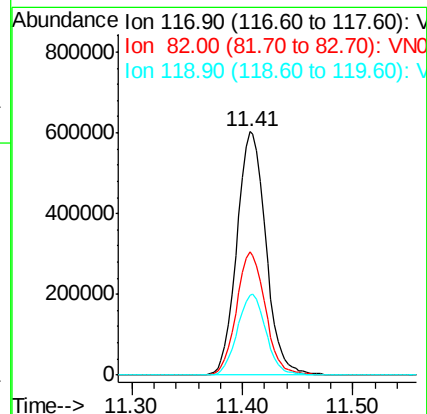
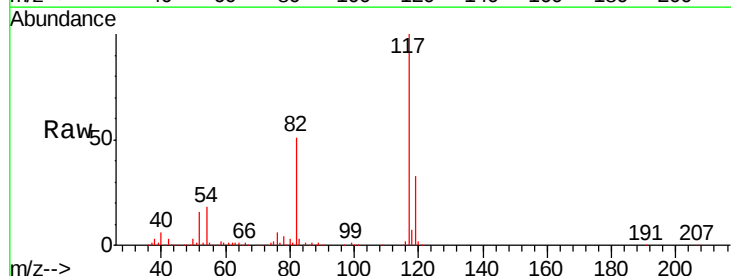
Tgt Ion: 117 Resp: 1101414

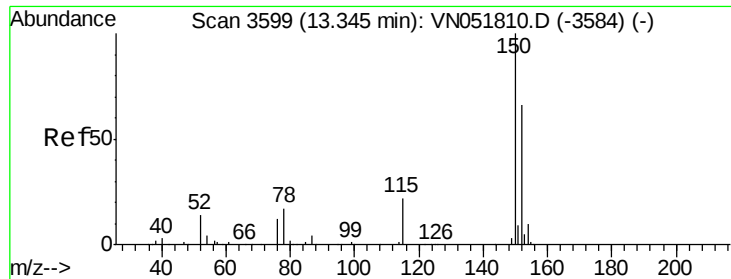
Ion Ratio Lower Upper

117 100

82 50.6 42.6 64.0

119 32.7 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051848.D

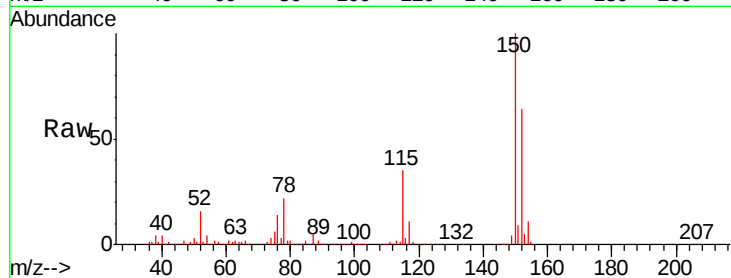
Acq: 12 Oct 2018 22:24

Instrument :

MSVOA_N

ClientSampleId :

PB113779ZHE#01



Tgt Ion:152 Resp: 402456

Ion Ratio Lower Upper

152 100

115 55.5 27.8 83.4

150 157.7 0.0 351.4

