

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081318\
 Data File : VN050567.D
 Acq On : 13 Aug 2018 14:43
 Operator : MD\SY
 Sample : PB111961TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111961TB

Quant Time: Aug 14 01:46:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

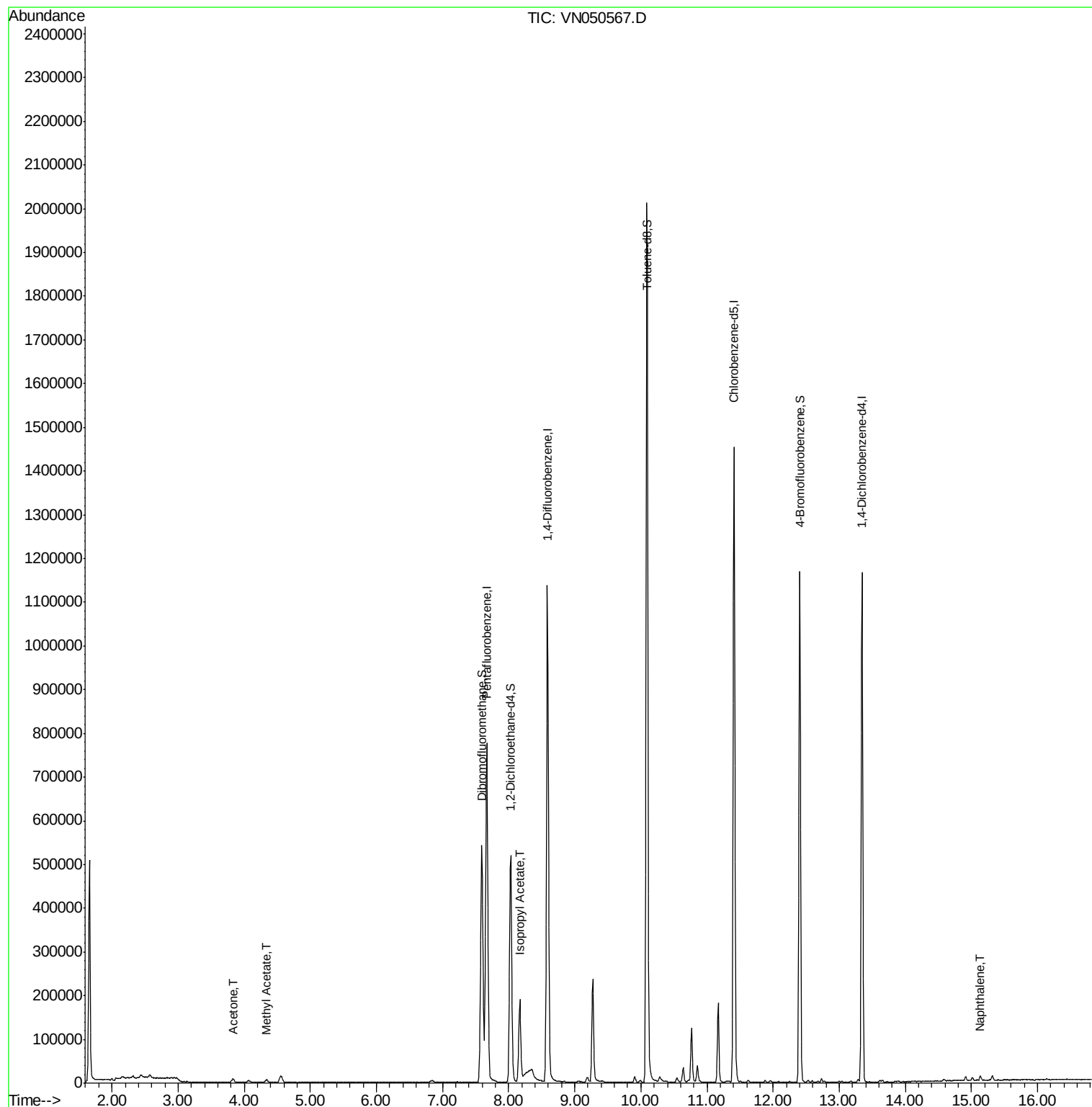
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	666714	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1055532	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	899042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	327105	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	445674	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.06%	
35) Dibromofluoromethane	7.59	113	412803	48.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.48%	
50) Toluene-d8	10.09	98	1477449	46.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.80%	
62) 4-Bromofluorobenzene	12.40	95	395226	36.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.84%	
Target Compounds						
16) Acetone	3.83	43	14217	5.00	ug/l	99
18) Methyl Acetate	4.34	43	11809	1.52	ug/l	96
43) Isopropyl Acetate	8.17	43	219467	15.22	ug/l	98
95) Naphthalene	15.13	128	8616	4.12	ug/l	98

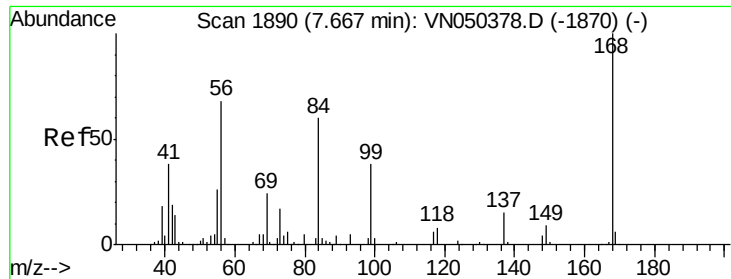
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN050567.D

Acq: 13 Aug 2018 14:43

Instrument :

MSVOA_N

ClientSampleId :

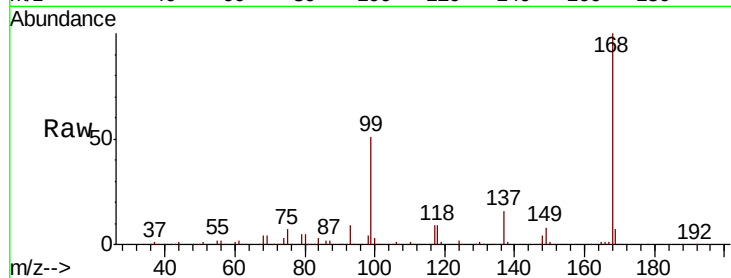
PB111961TB

Tot Ion:168 Resp: 666714

Ion Ratio Lower Upper

168 100

99 51.3 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050378.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050378.D (-1870) (-)

7.67

250000

200000

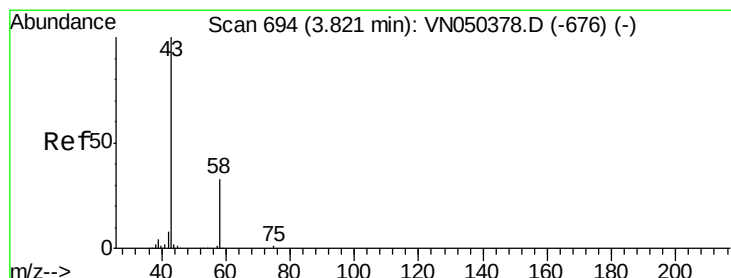
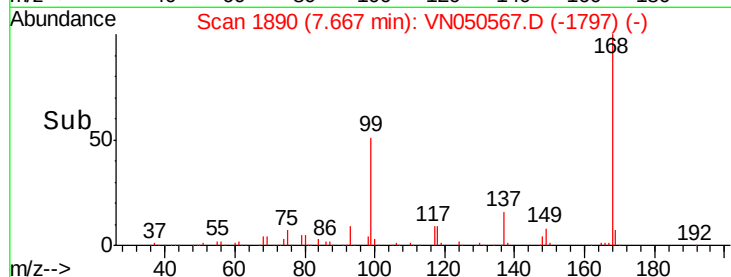
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.00 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050567.D

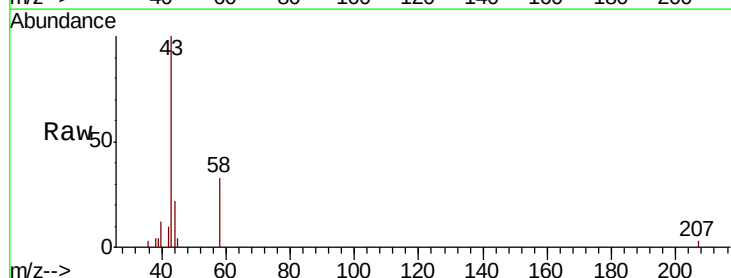
Acq: 13 Aug 2018 14:43

Tgt Ion: 43 Resp: 14217

Ion Ratio Lower Upper

43 100

58 33.0 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050378.D (-676) (-)

Ion 58.00 (57.70 to 58.70): VN050378.D (-676) (-)

3.83

6000

5000

4000

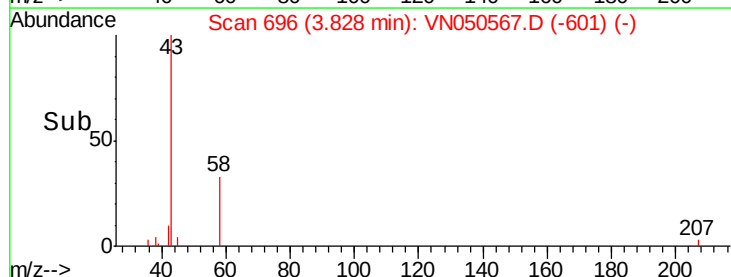
3000

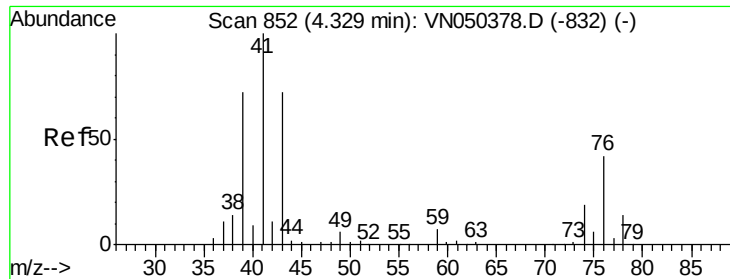
2000

1000

0

Time-->

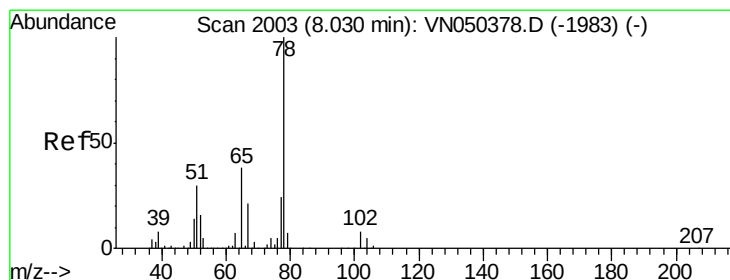
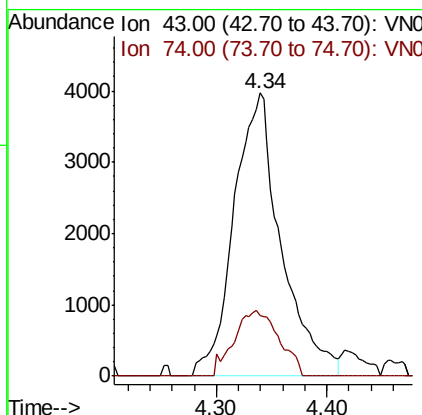
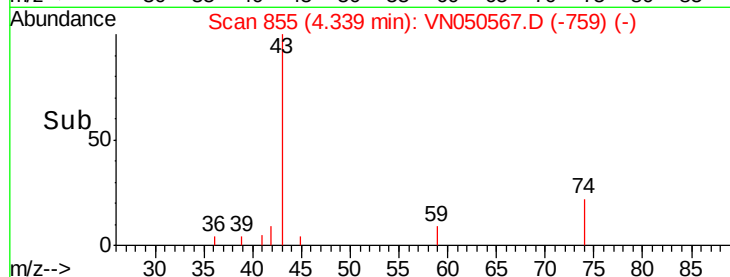
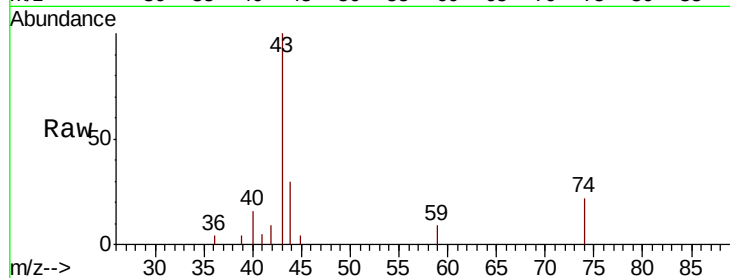




#18
Methyl Acetate
Concen: 1.52 ug/l
RT: 4.34 min Scan# 855
Delta R.T. 0.01 min
Lab File: VN050567.D
Acq: 13 Aug 2018 14:43

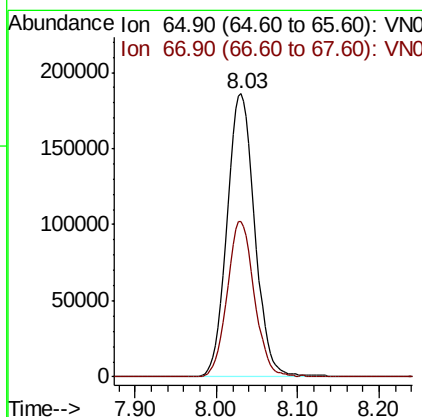
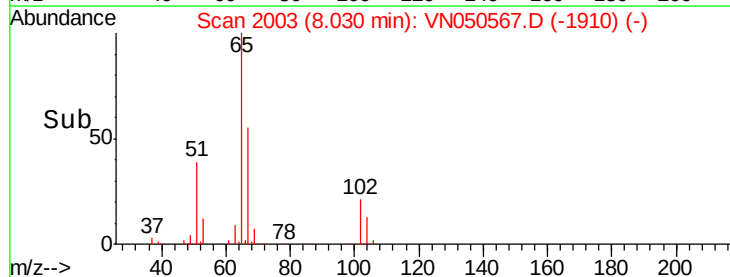
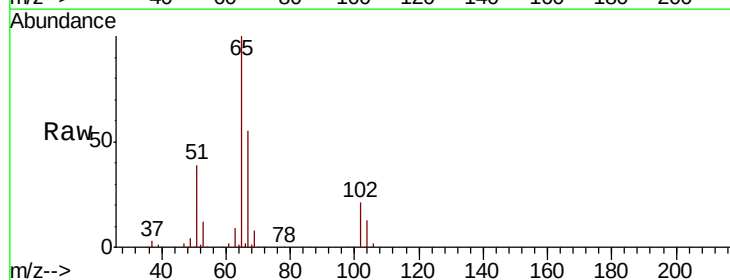
Instrument :
MSVOA_N
ClientSampleId :
PB111961TB

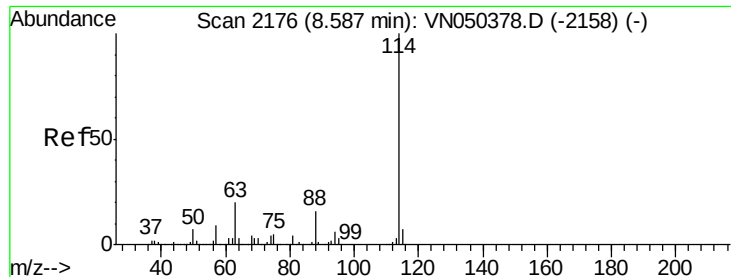
Tot Ion: 43 Resp: 11809
Ion Ratio Lower Upper
43 100
74 22.1 19.2 28.8



#33
1,2-Dichloroethane-d4
Concen: 50.03 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050567.D
Acq: 13 Aug 2018 14:43

Tgt Ion: 65 Resp: 445674
Ion Ratio Lower Upper
65 100
67 53.6 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050567.D

Acq: 13 Aug 2018 14:43

Instrument :

MSVOA_N

ClientSampleId :

PB111961TB

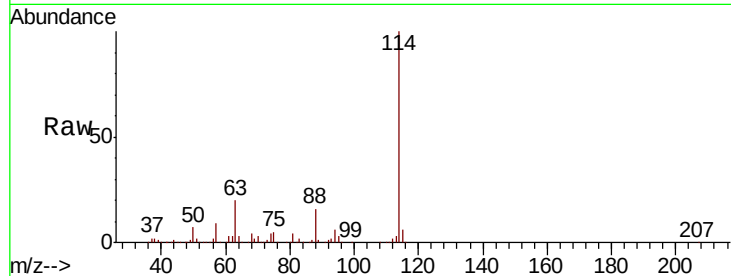
Tot Ion:114 Resp: 1055532

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

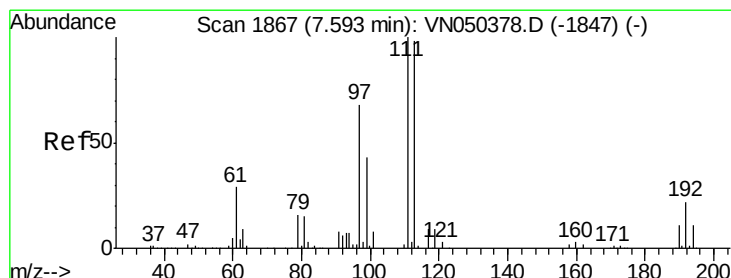
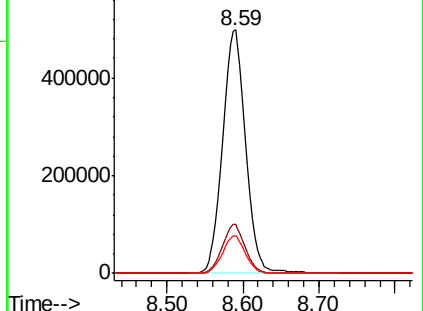
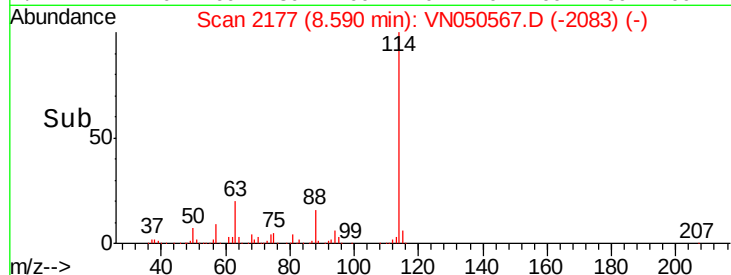
88 15.6 0.0 31.2



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: 48.74 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN050567.D

Acq: 13 Aug 2018 14:43

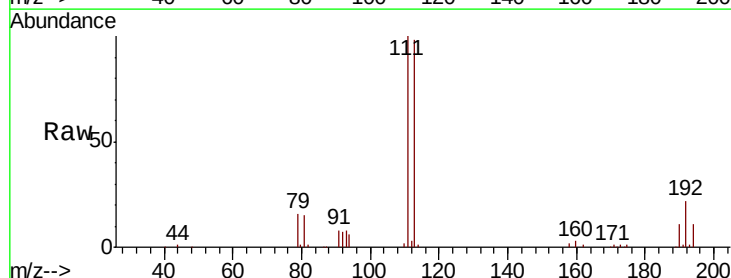
Tgt Ion:113 Resp: 412803

Ion Ratio Lower Upper

113 100

111 102.8 80.7 121.1

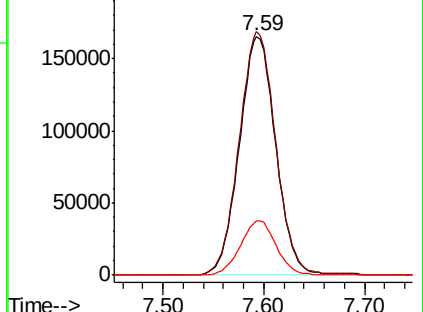
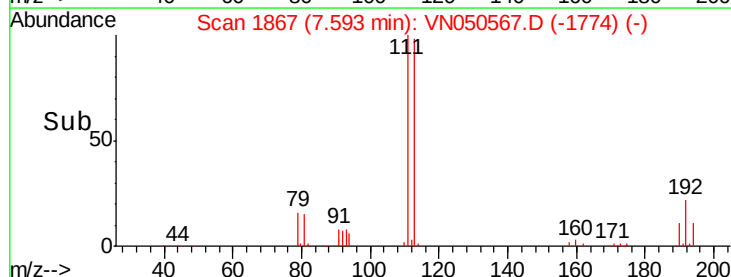
192 22.5 17.8 26.6

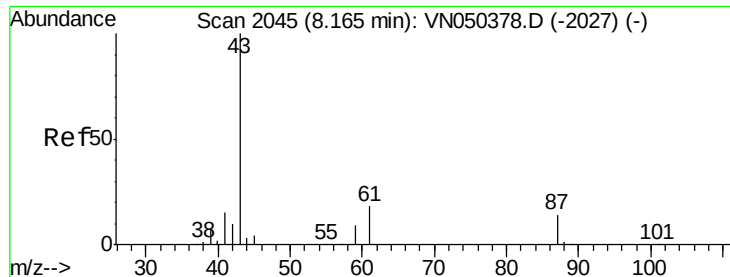


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 15.22 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050567.D

Acq: 13 Aug 2018 14:43

Instrument :

MSVOA_N

ClientSampleId :

PB111961TB

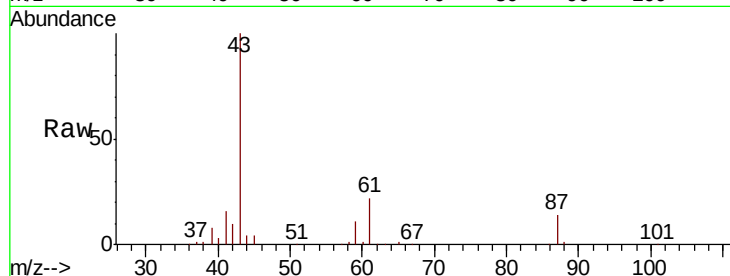
Tot Ion: 43 Resp: 219467

Ion Ratio Lower Upper

43 100

61 21.0 15.8 23.6

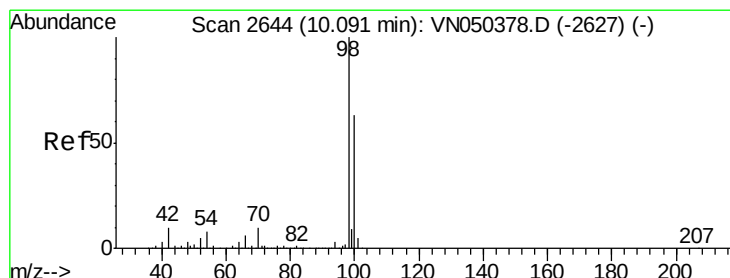
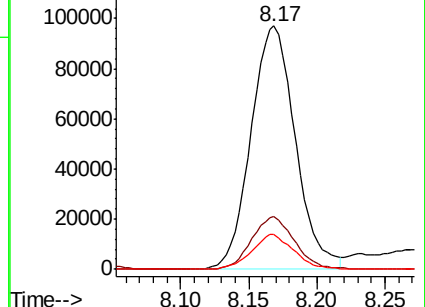
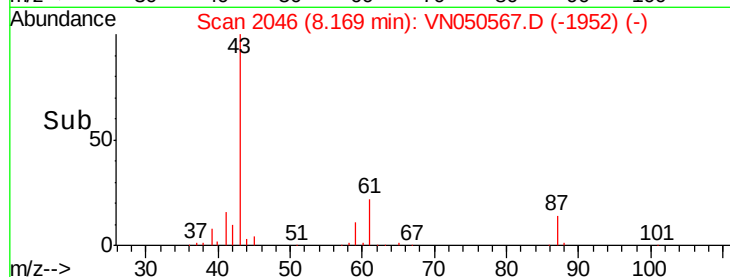
87 13.4 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VN050378.D (-2027) (-)

Ion 61.00 (60.70 to 61.70): VN050378.D (-2027) (-)

Ion 87.00 (86.70 to 87.70): VN050378.D (-2027) (-)



#50

Toluene-d8

Concen: 46.40 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN050567.D

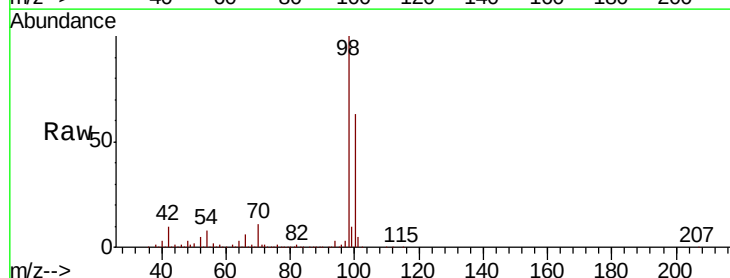
Acq: 13 Aug 2018 14:43

Tgt Ion: 98 Resp: 1477449

Ion Ratio Lower Upper

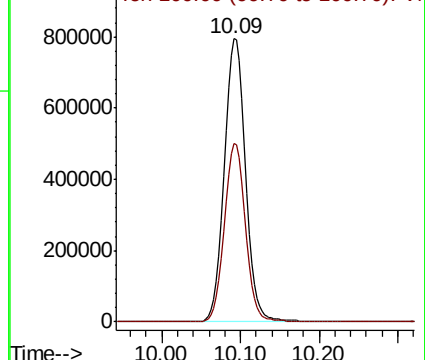
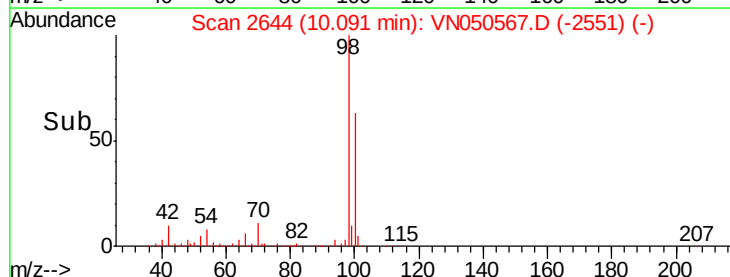
98 100

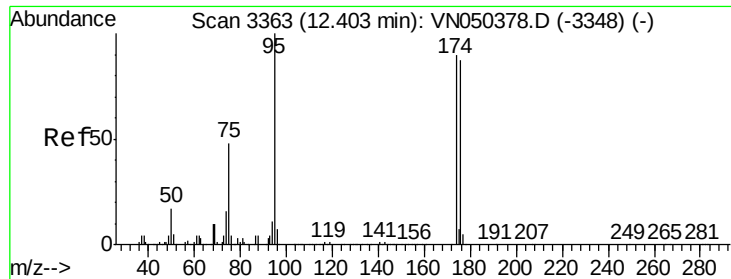
100 62.8 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN050378.D (-2627) (-)

Ion 100.00 (99.70 to 100.70): VN050378.D (-2627) (-)

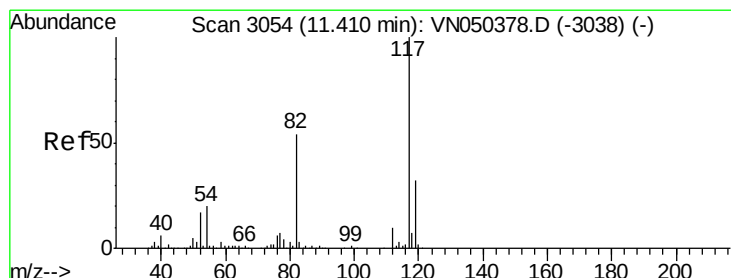
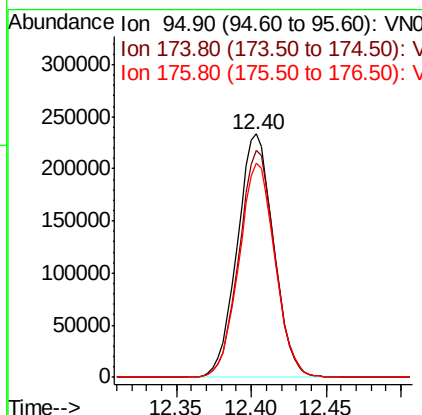
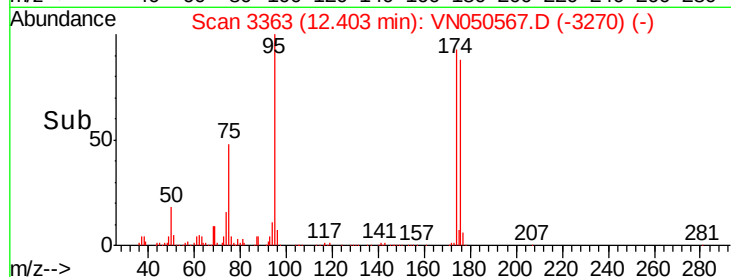
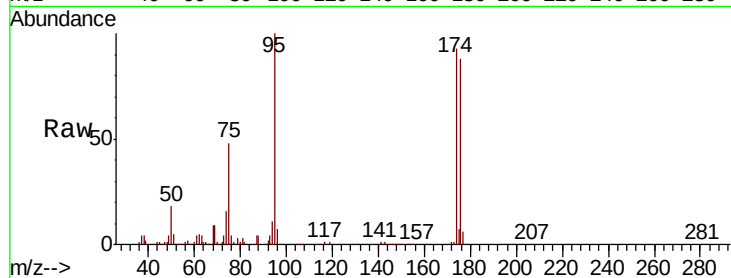




#62
4-Bromofluorobenzene
Concen: 36.42 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050567.D
Acq: 13 Aug 2018 14:43

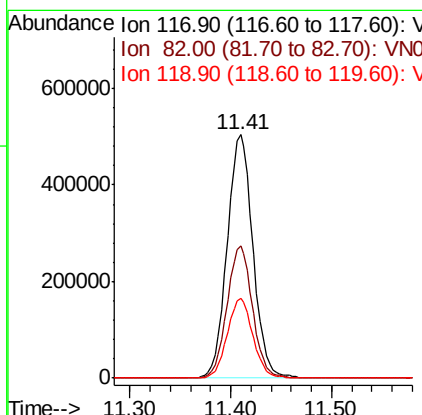
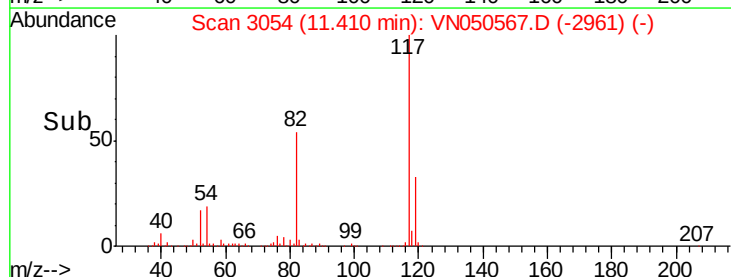
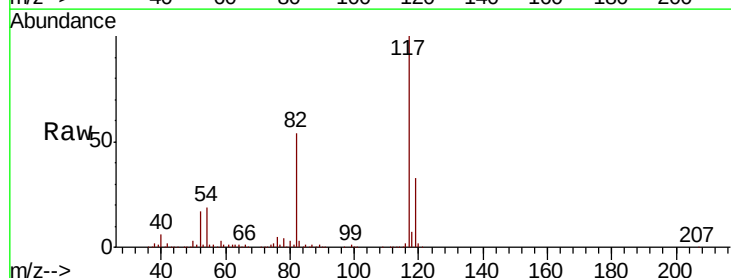
Instrument :
MSVOA_N
ClientSampleId :
PB111961TB

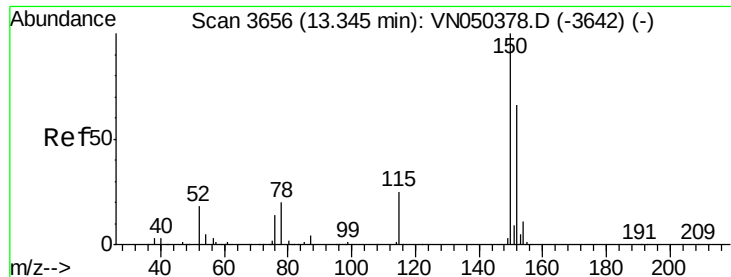
Tot Ion: 95 Resp: 395226
Ion Ratio Lower Upper
95 100
174 91.7 0.0 178.2
176 87.3 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050567.D
Acq: 13 Aug 2018 14:43

Tgt Ion: 117 Resp: 899042
Ion Ratio Lower Upper
117 100
82 54.1 43.7 65.5
119 32.8 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050567.D

Acq: 13 Aug 2018 14:43

Instrument :

MSVOA_N

ClientSampled :

PB111961TB

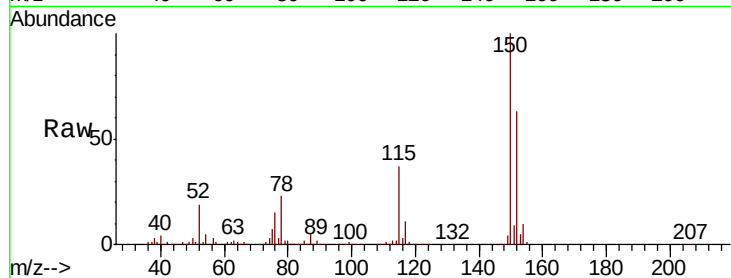
Tot Ion:152 Resp: 327105

Ion Ratio Lower Upper

152 100

115 57.3 27.8 83.3

150 156.8 0.0 348.6

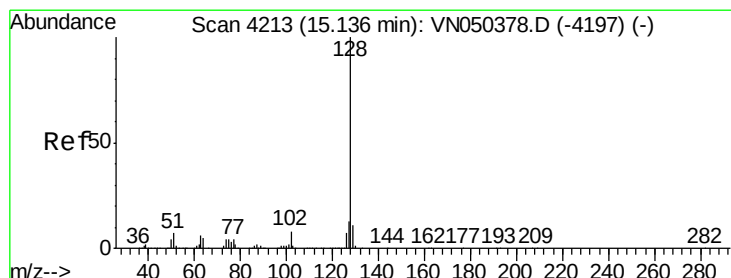
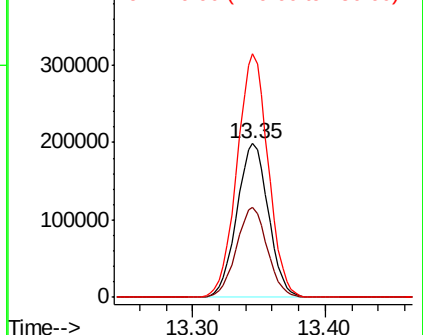
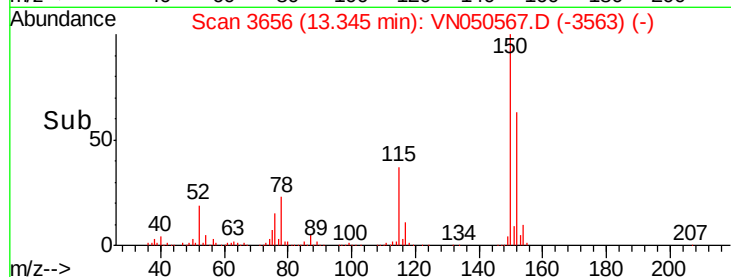


Abundance

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: 4.12 ug/l

RT: 15.13 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN050567.D

Acq: 13 Aug 2018 14:43

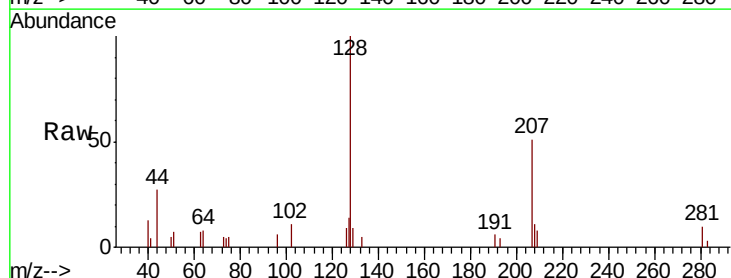
Tgt Ion:128 Resp: 8616

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 9.3 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

