

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073118\
 Data File : VN050214.D
 Acq On : 31 Jul 2018 14:52
 Operator : MD\SY
 Sample : PB111613ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111613ZHE#02

Quant Time: Jul 31 18:35:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

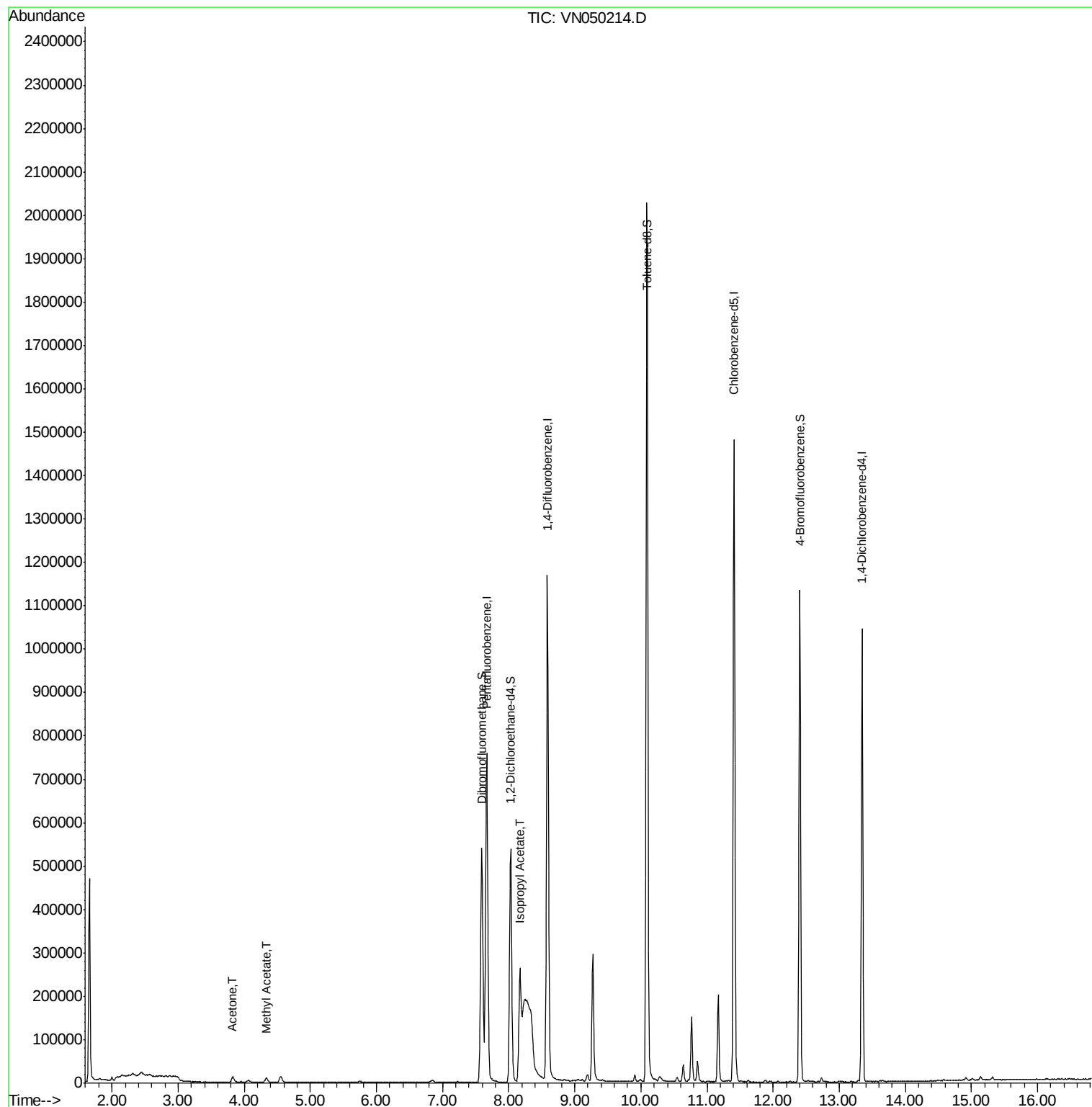
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	649662	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1077016	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	904301	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	299087	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	456341	50.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.68%	
35) Dibromofluoromethane	7.59	113	409697	46.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.18%	
50) Toluene-d8	10.09	98	1473636	45.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.16%	
62) 4-Bromofluorobenzene	12.40	95	385110	36.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.36%	
Target Compounds						
16) Acetone	3.82	43	24774	7.389	ug/l	97
18) Methyl Acetate	4.34	43	19395	0.730	ug/l	99
43) Isopropyl Acetate	8.17	43	335539	20.372	ug/l	93

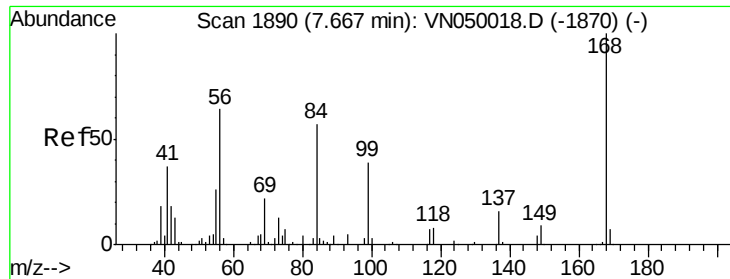
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050214.D

Acq: 31 Jul 2018 14:52

Instrument :

MSVOA_N

ClientSampleId :

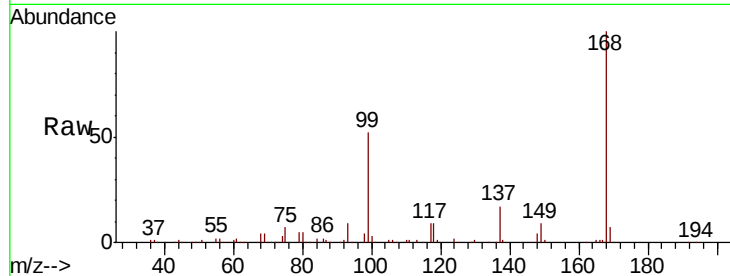
PB111613ZHE#02

Tot Ion:168 Resp: 649662

Ion Ratio Lower Upper

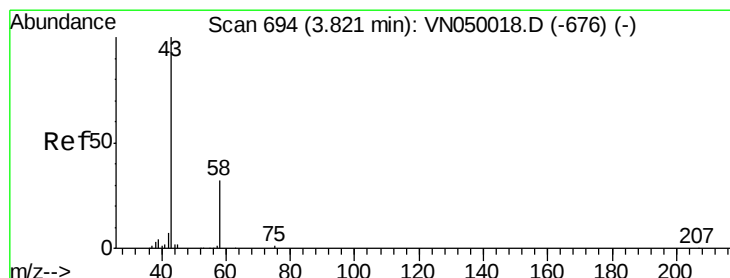
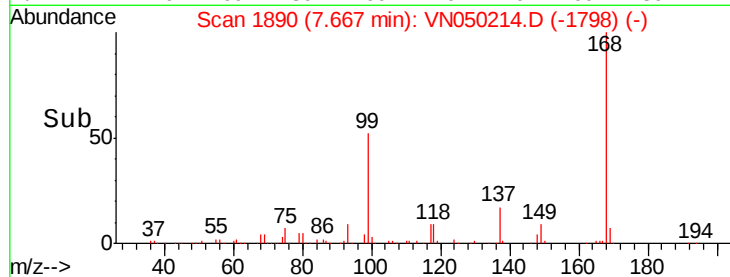
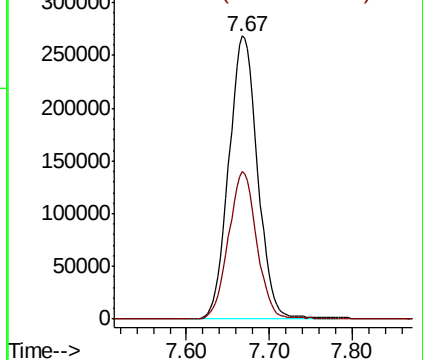
168 100

99 52.0 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 7.389 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050214.D

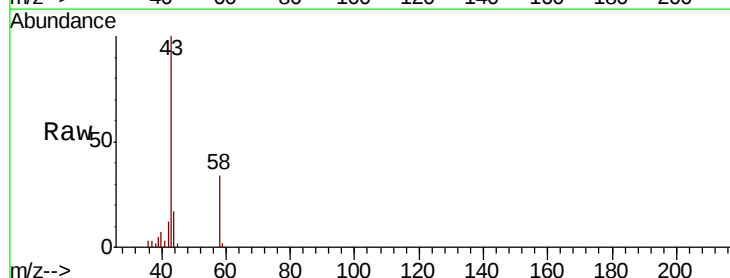
Acq: 31 Jul 2018 14:52

Tgt Ion: 43 Resp: 24774

Ion Ratio Lower Upper

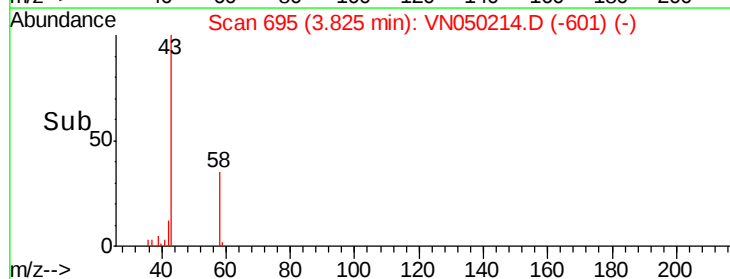
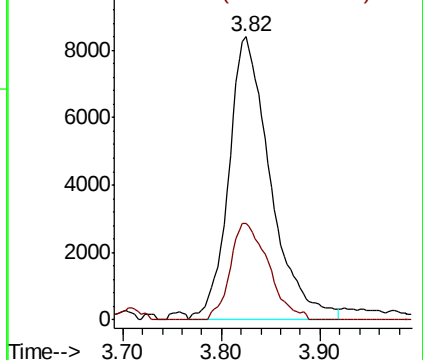
43 100

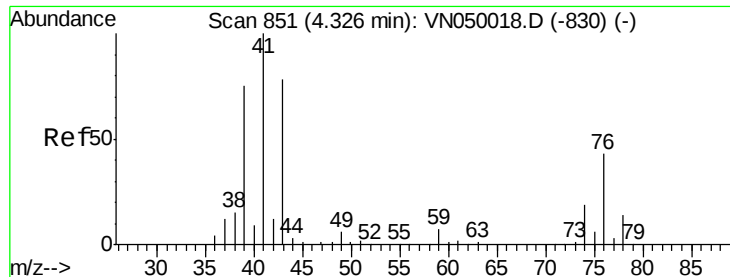
58 34.2 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

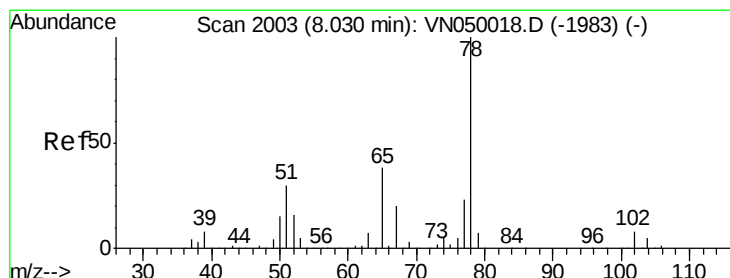
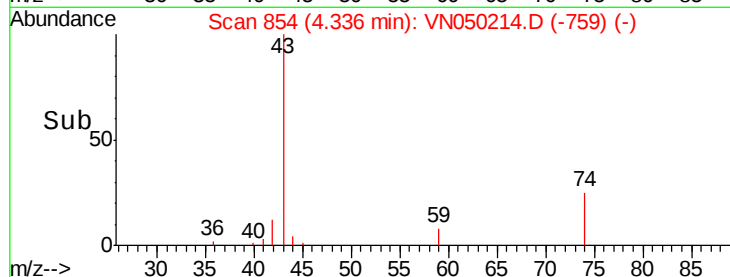
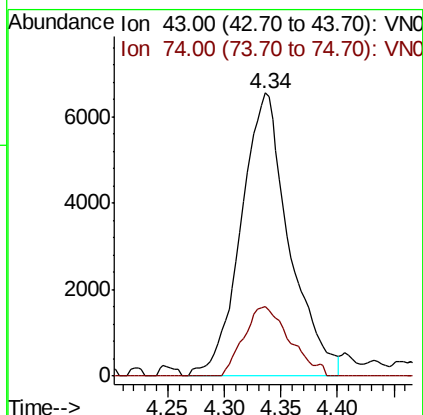
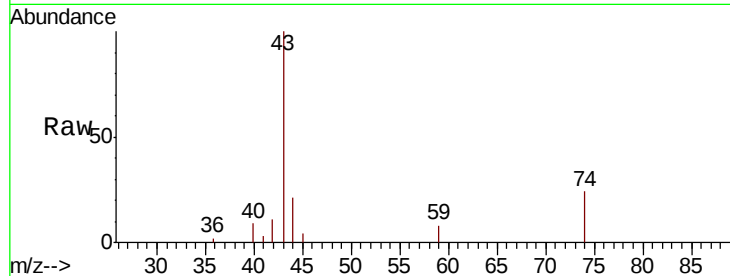




#18
Methvl Acetate
Concen: 0.730 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN050214.D
Acq: 31 Jul 2018 14:52

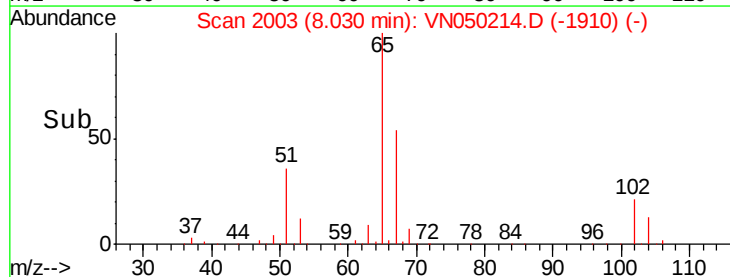
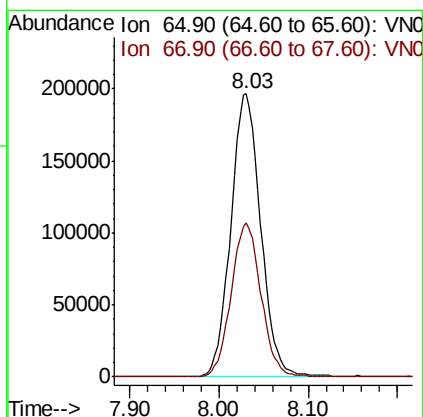
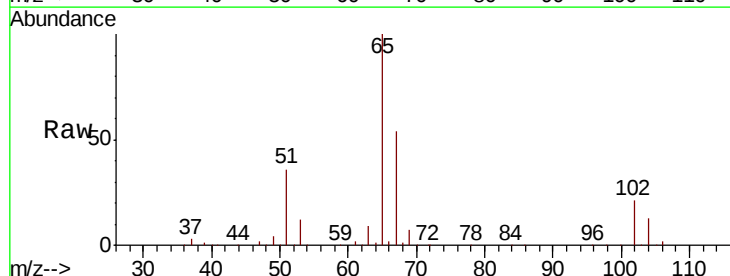
Instrument :
MSVOA_N
ClientSampleId :
PB111613ZHE#02

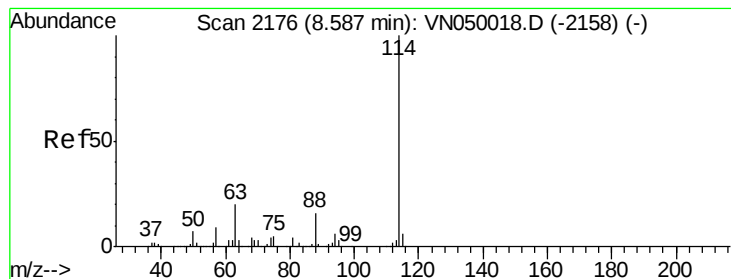
Tot Ion: 43 Resp: 19395
Ion Ratio Lower Upper
43 100
74 23.6 19.2 28.8



#33
1,2-Dichloroethane-d4
Concen: 50.345 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050214.D
Acq: 31 Jul 2018 14:52

Tgt Ion: 65 Resp: 456341
Ion Ratio Lower Upper
65 100
67 54.2 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN050214.D

Acq: 31 Jul 2018 14:52

Instrument :

MSVOA_N

ClientSampleId :

PB111613ZHE#02

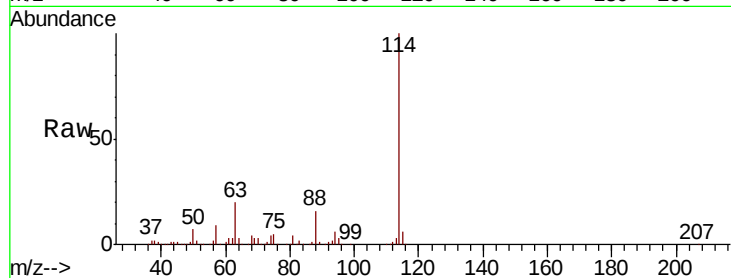
Tot Ion:114 Resp: 1077016

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.0

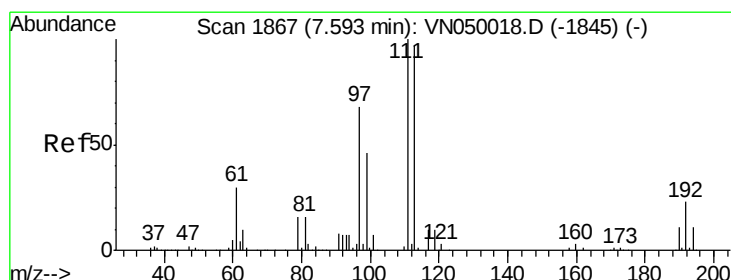
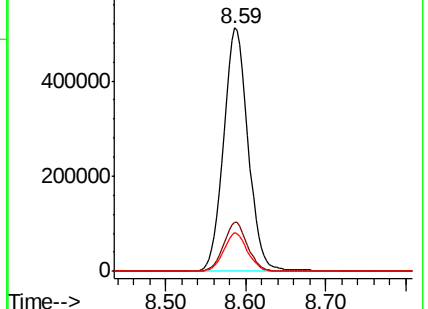
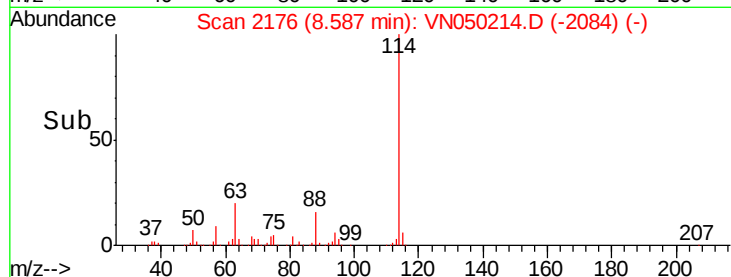
88 15.7 0.0 31.2



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: 46.591 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN050214.D

Acq: 31 Jul 2018 14:52

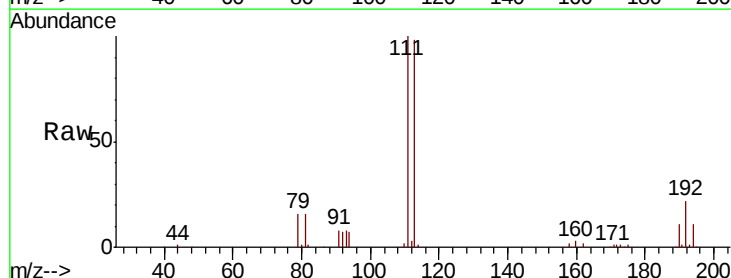
Tgt Ion:113 Resp: 409697

Ion Ratio Lower Upper

113 100

111 102.1 80.7 121.1

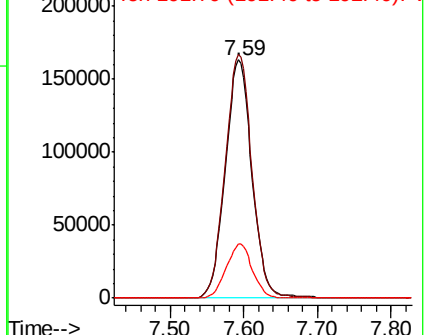
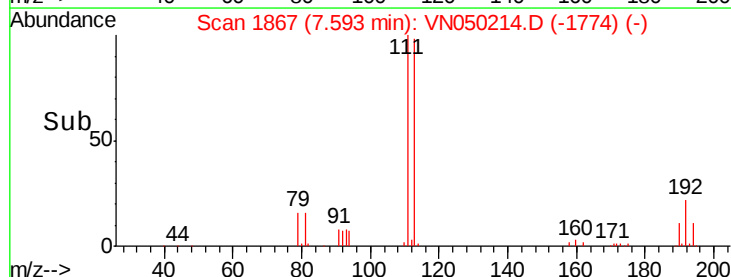
192 22.3 17.8 26.6

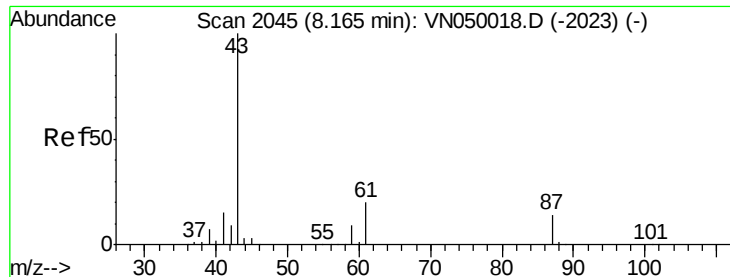


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 20.372 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050214.D

Acq: 31 Jul 2018 14:52

Instrument :

MSVOA_N

ClientSampleId :

PB111613ZHE#02

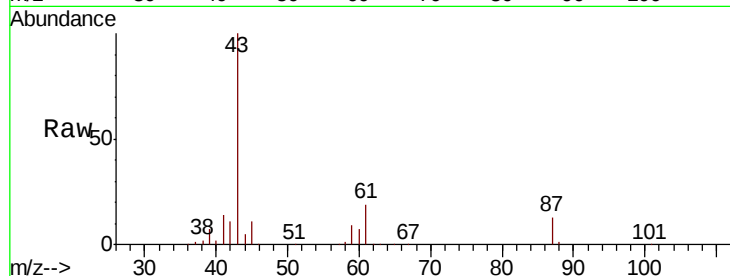
Tot Ion: 43 Resp: 335539

Ion Ratio Lower Upper

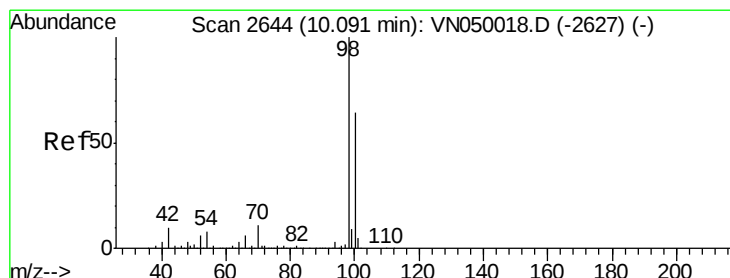
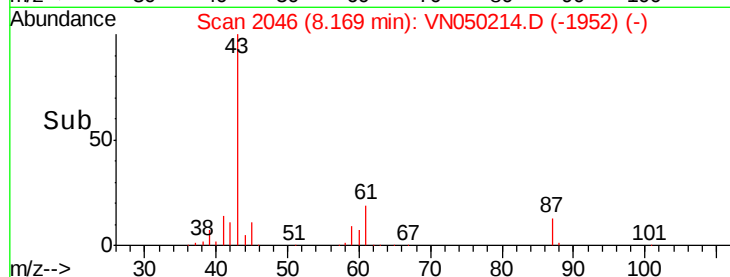
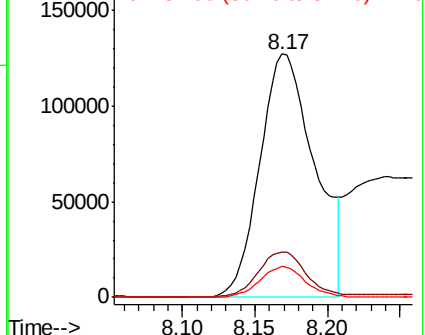
43 100

61 16.4 15.8 23.6

87 10.6 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 61.00 (60.70 to 61.70): VNO
Ion 87.00 (86.70 to 87.70): VNO



#50

Toluene-d8

Concen: 45.583 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050214.D

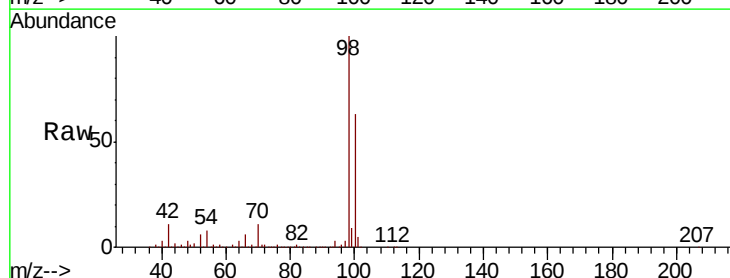
Acq: 31 Jul 2018 14:52

Tgt Ion: 98 Resp: 1473636

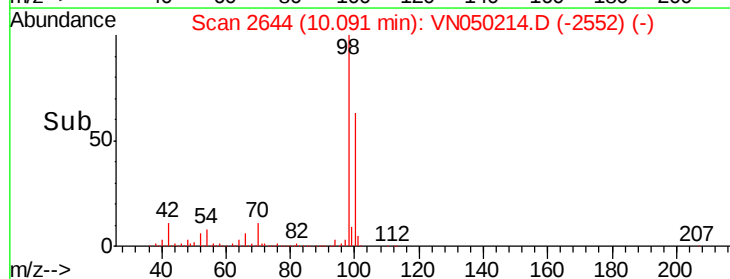
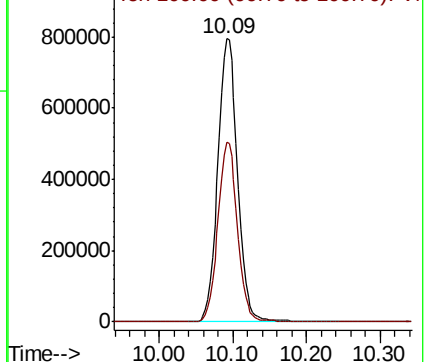
Ion Ratio Lower Upper

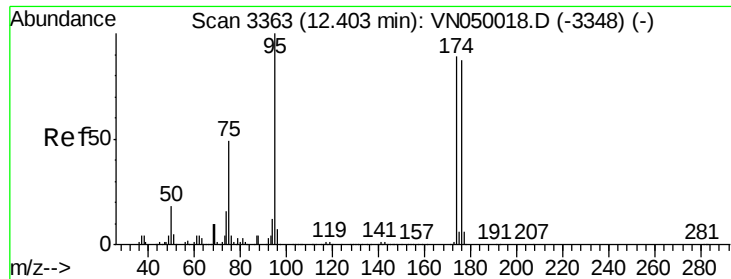
98 100

100 63.1 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VNO
Ion 100.00 (99.70 to 100.70): VNO

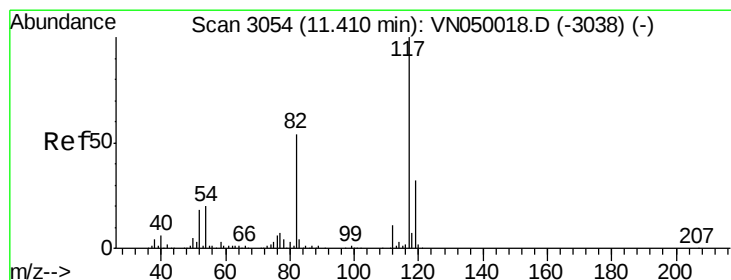
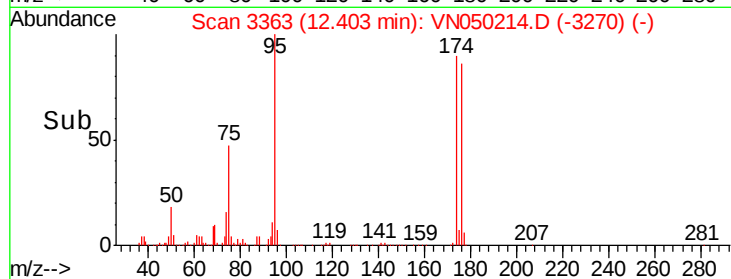
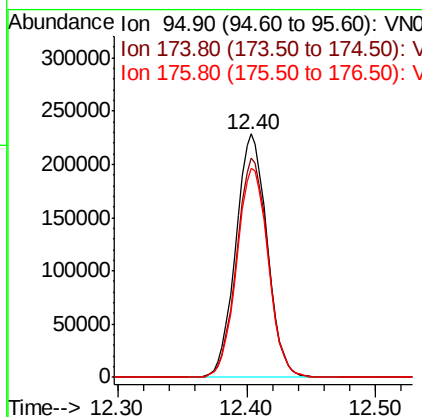
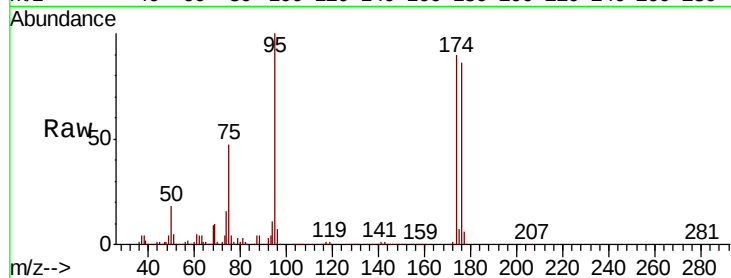




#62
4-Bromofluorobenzene
Concen: 36.177 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050214.D
Acq: 31 Jul 2018 14:52

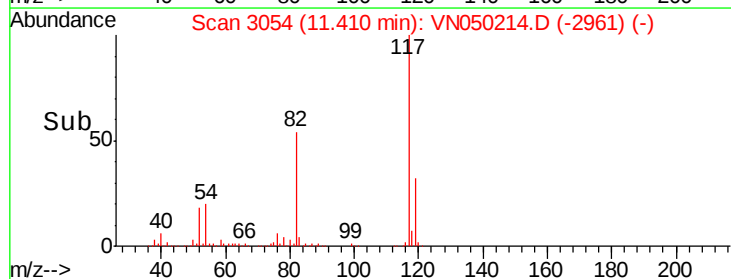
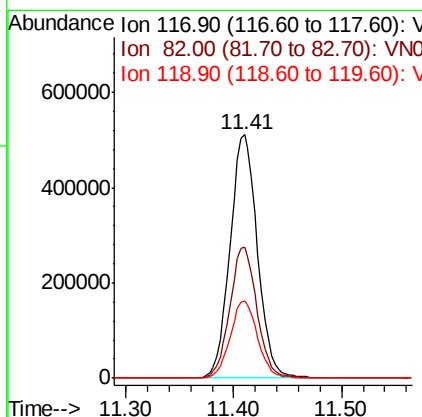
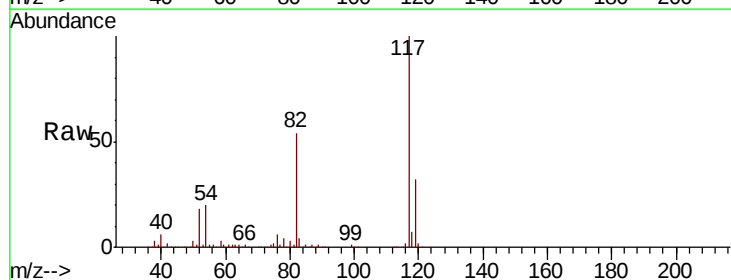
Instrument :
MSVOA_N
ClientSampleId :
PB111613ZHE#02

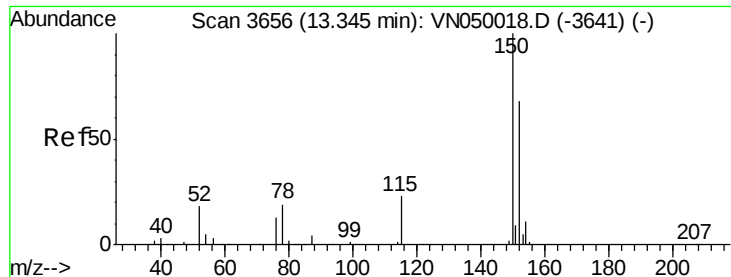
Tot Ion: 95 Resp: 385110
Ion Ratio Lower Upper
95 100
174 90.8 0.0 178.2
176 86.7 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050214.D
Acq: 31 Jul 2018 14:52

Tgt Ion: 117 Resp: 904301
Ion Ratio Lower Upper
117 100
82 54.0 43.7 65.5
119 32.0 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3656
 Delta R.T. 0.00 min
 Lab File: VN050214.D
 Acq: 31 Jul 2018 14:52

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111613ZHE#02

Tot Ion:	152	Resp:	299087
Ion	Ratio	Lower	Upper
152	100		
115	56.2	27.8	83.3
150	155.0	0.0	348.6

