

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080318\
 Data File : VN050314.D
 Acq On : 3 Aug 2018 15:47
 Operator : MD\SY
 Sample : PB111719TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111719TB

Quant Time: Aug 03 23:56:40 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	654923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1092206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	932396	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	413201	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	466094	51.01	ug/l	0.00
Spiked Amount			Recovery	=	102.02%	
35) Dibromofluoromethane	7.59	113	411192	46.11	ug/l	0.00
Spiked Amount			Recovery	=	92.22%	
50) Toluene-d8	10.09	98	1469786	44.83	ug/l	0.00
Spiked Amount			Recovery	=	89.66%	
62) 4-Bromofluorobenzene	12.40	95	437670	40.54	ug/l	0.00
Spiked Amount			Recovery	=	81.08%	

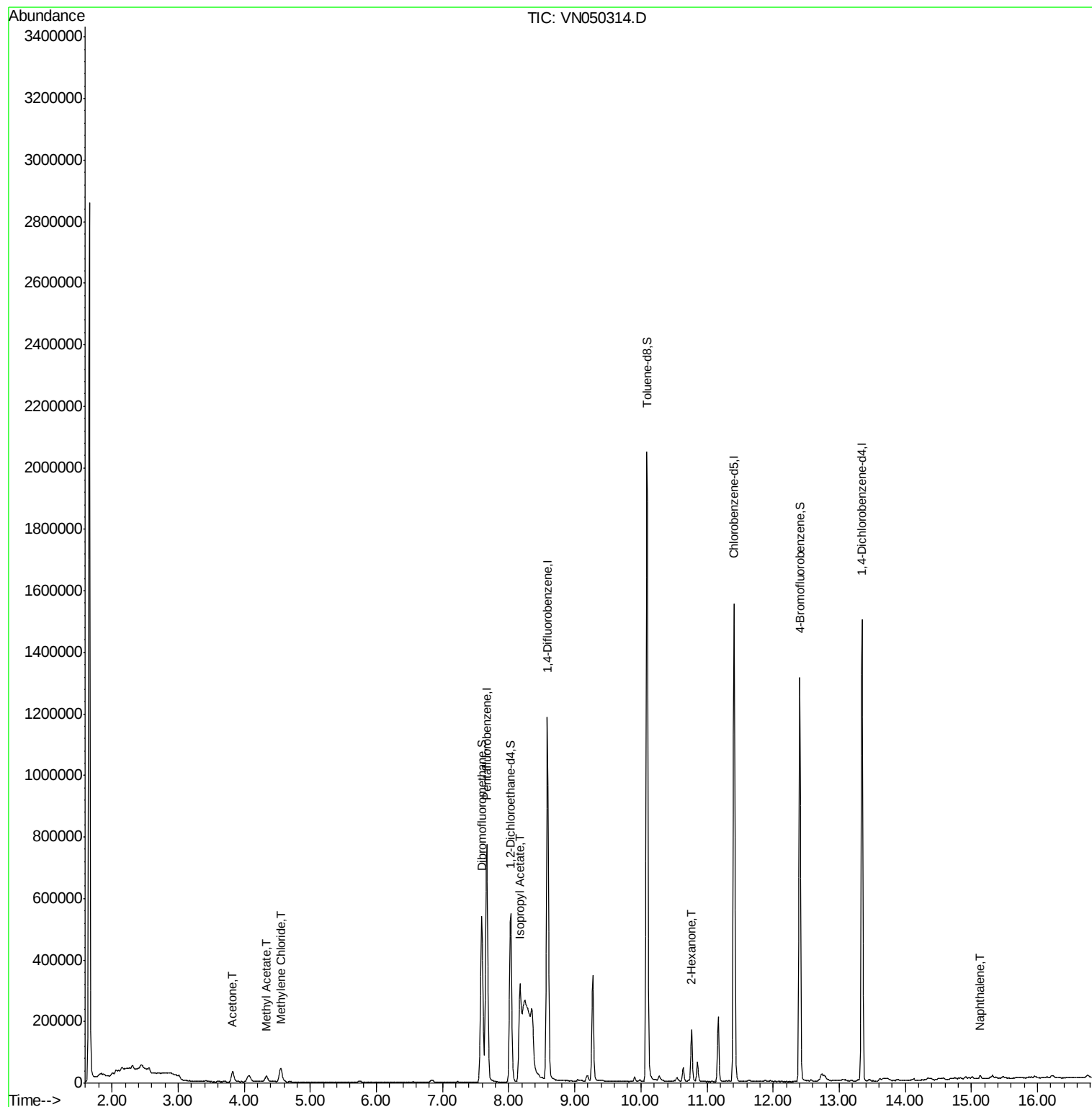
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	62586	25.17	ug/l	96
18) Methyl Acetate	4.33	43	31674	2.23	ug/l	96
20) Methylene Chloride	4.55	84	35350	3.19	ug/l	97
43) Isopropyl Acetate	8.17	43	405458	24.50	ug/l #	89
59) 2-Hexanone	10.77	43	24907	9.11	ug/l #	60
95) Naphthalene	15.14	128	8525	4.83	ug/l #	95

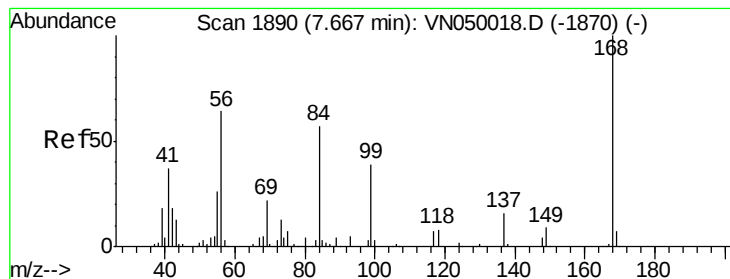
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN080318\
Data File : VN050314.D
Acq On : 3 Aug 2018 15:47
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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB111719TB

Quant Time: Aug 03 23:56:40 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050314.D

Acq: 3 Aug 2018 15:47

Instrument :

MSVOA_N

ClientSampleId :

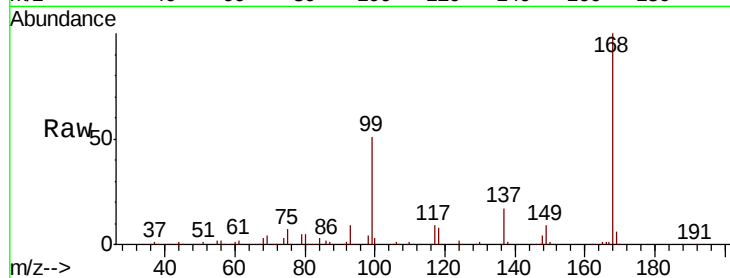
PB111719TB

Tot Ion:168 Resp: 654923

Ion Ratio Lower Upper

168 100

99 50.9 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

300000

250000

200000

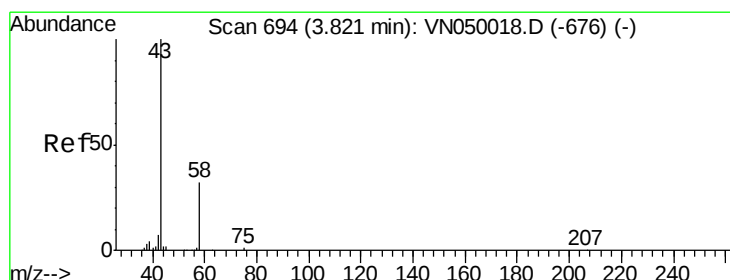
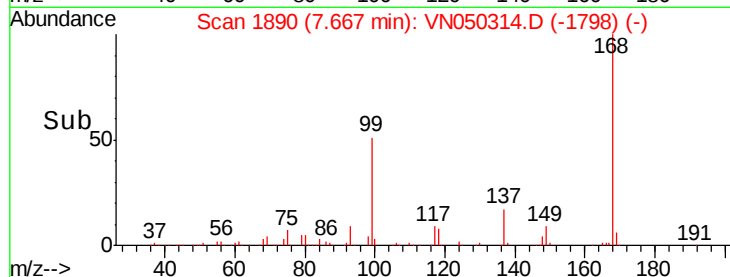
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 25.17 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050314.D

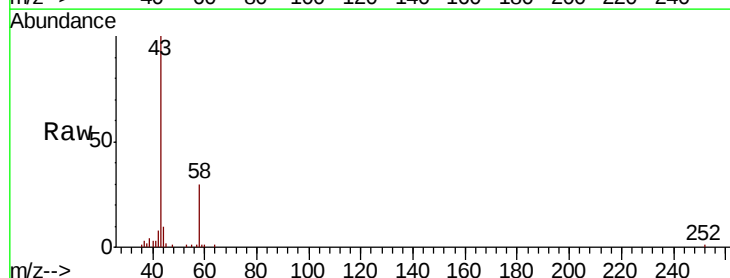
Acq: 3 Aug 2018 15:47

Tgt Ion: 43 Resp: 62586

Ion Ratio Lower Upper

43 100

58 30.0 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

25000

20000

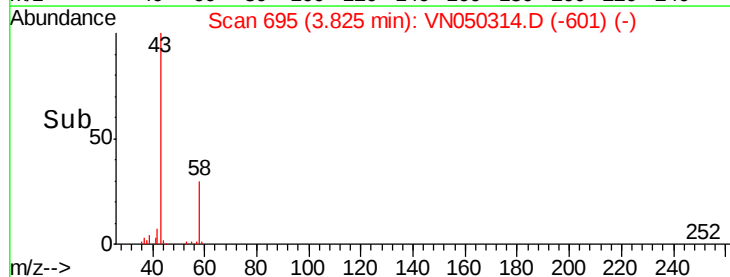
15000

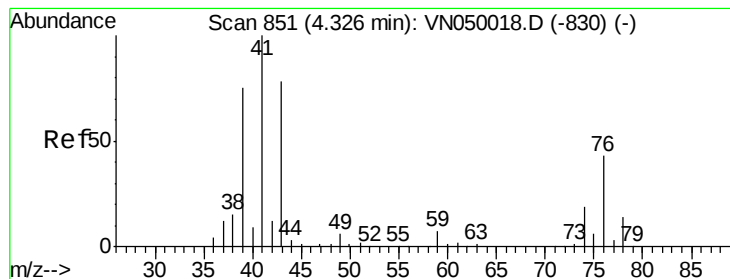
10000

5000

0

Time-->





#18

Methyl Acetate

Concen: 2.23 ug/l

RT: 4.33 min Scan# 853

Delta R.T. 0.00 min

Lab File: VN050314.D

Acq: 3 Aug 2018 15:47

Instrument :

MSVOA_N

ClientSampled :

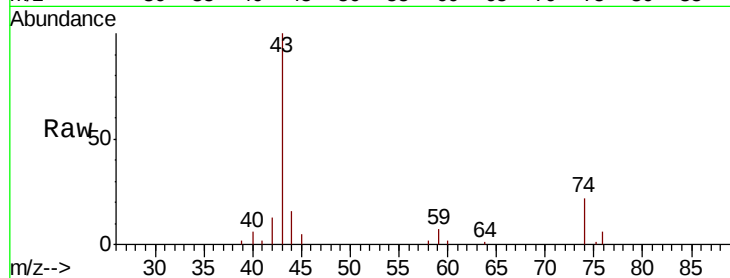
PB111719TB

Tot Ion: 43 Resp: 31674

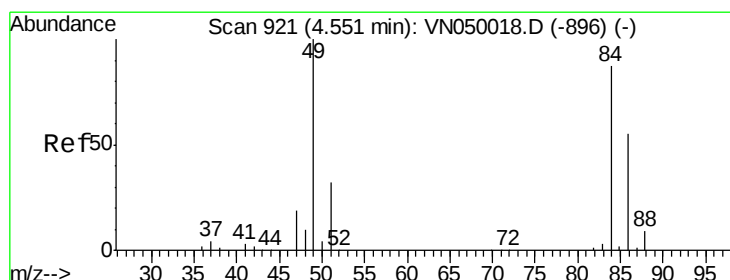
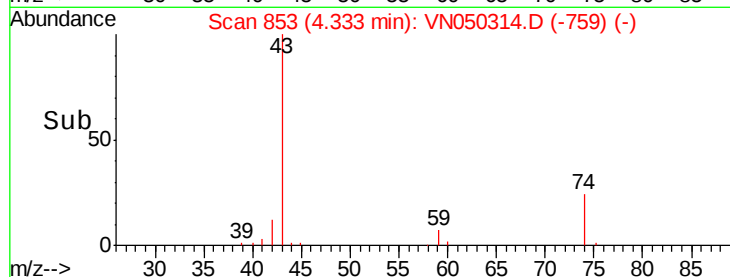
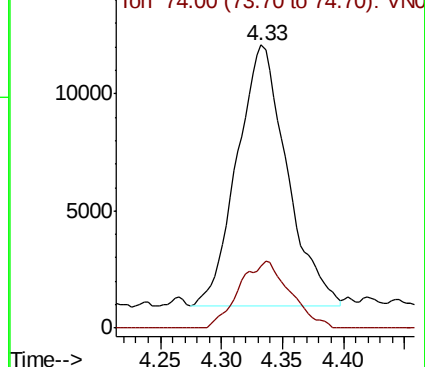
Ion Ratio Lower Upper

43 100

74 26.2 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VN050314.D (-759) (-)



#20

Methylene Chloride

Concen: 3.19 ug/l

RT: 4.55 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN050314.D

Acq: 3 Aug 2018 15:47

Tgt Ion: 84 Resp: 35350

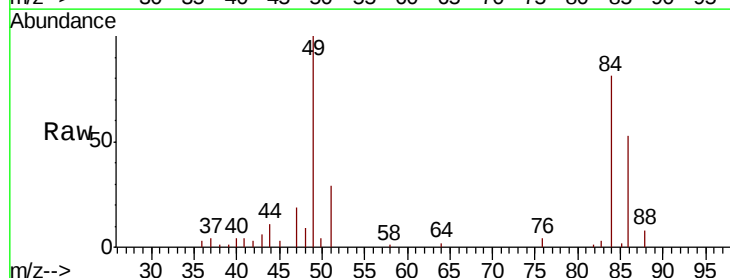
Ion Ratio Lower Upper

84 100

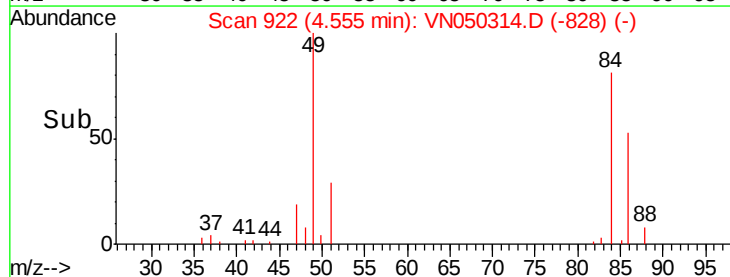
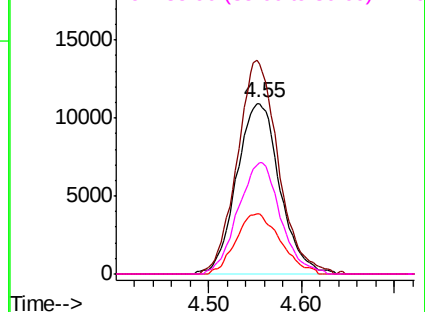
49 123.1 94.8 142.2

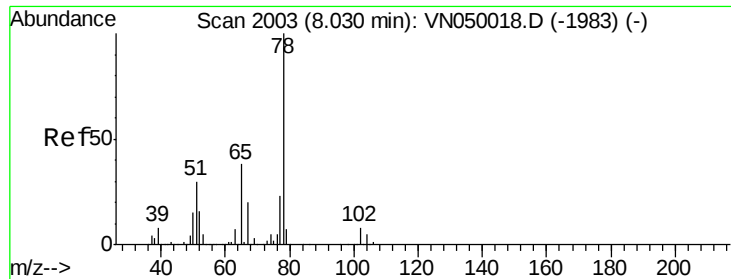
51 35.3 28.3 42.5

86 65.3 51.0 76.6



Abundance Ion 83.90 (83.60 to 84.60): VN050314.D (-828) (-)

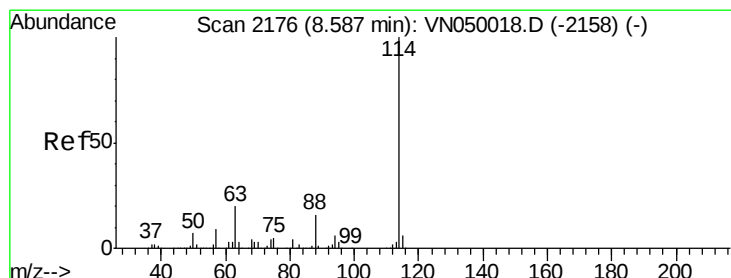
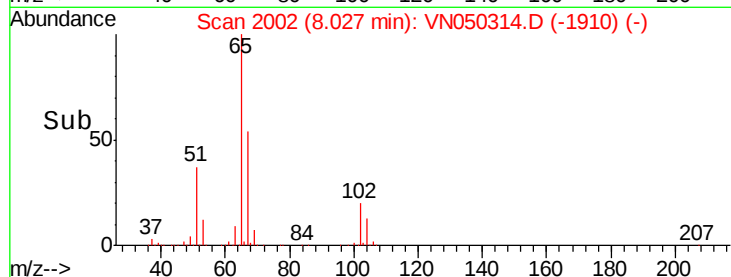
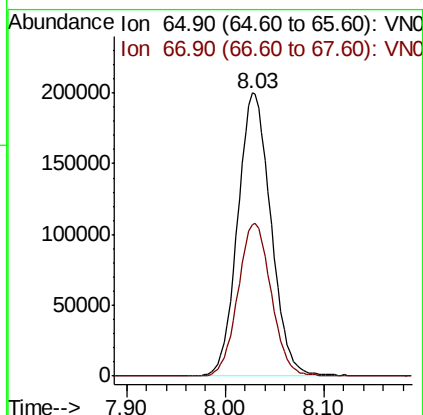
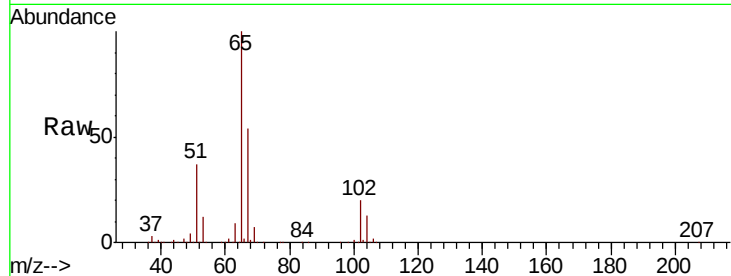




#33
 1,2-Dichloroethane-d4
 Concen: 51.01 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. -0.00 min
 Lab File: VN050314.D
 Acq: 3 Aug 2018 15:47

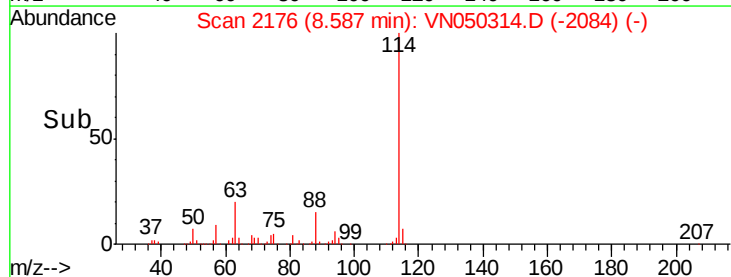
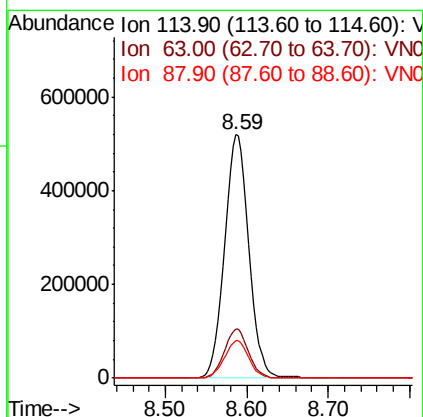
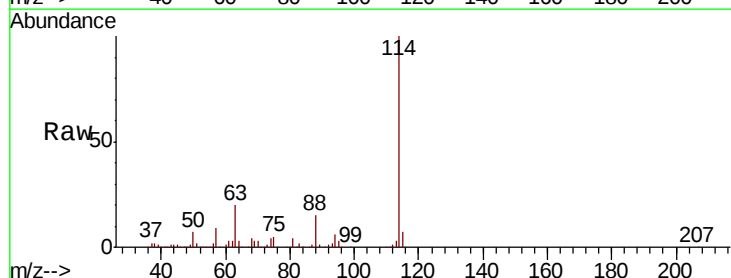
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111719TB

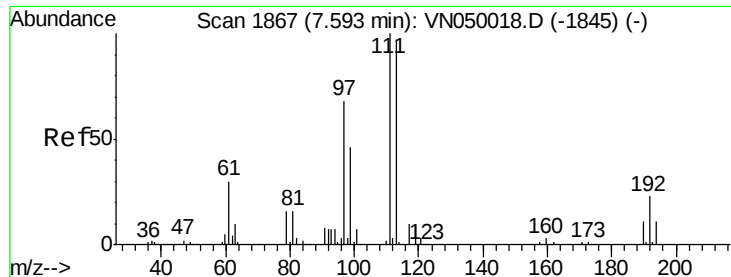
Tot Ion: 65 Resp: 466094
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050314.D
 Acq: 3 Aug 2018 15:47

Tgt Ion: 114 Resp: 1092206
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.0
 88 15.3 0.0 31.2

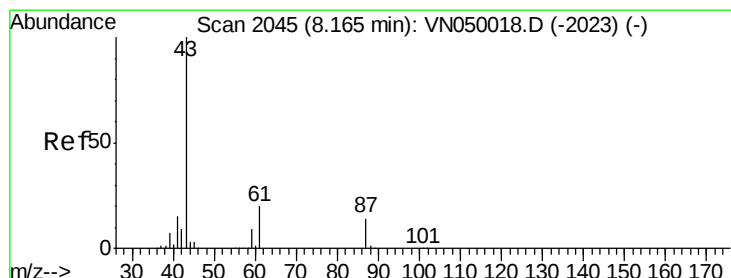
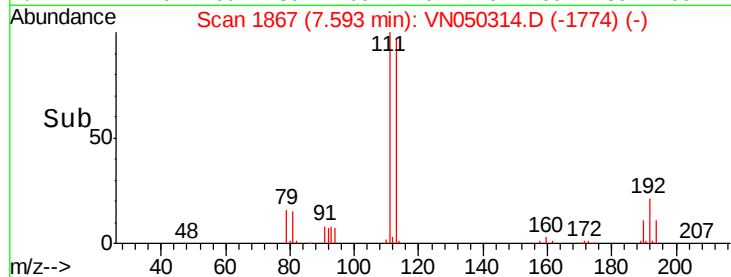
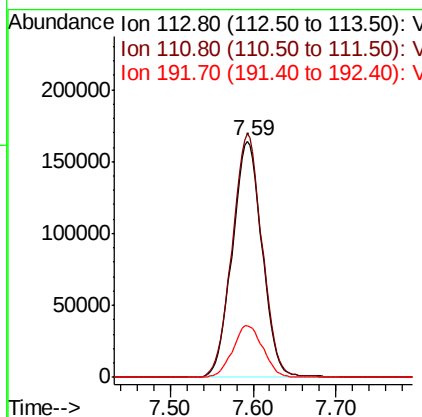
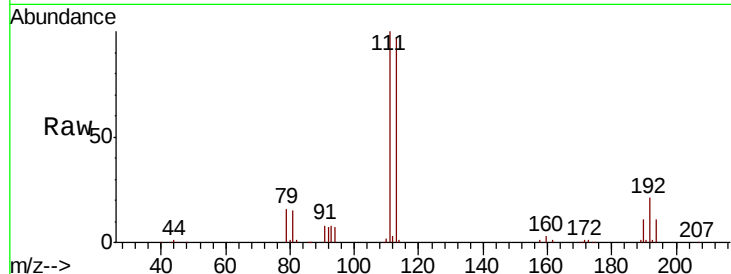




#35
 Dibromofluoromethane
 Concen: 46.11 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050314.D
 Acq: 3 Aug 2018 15:47

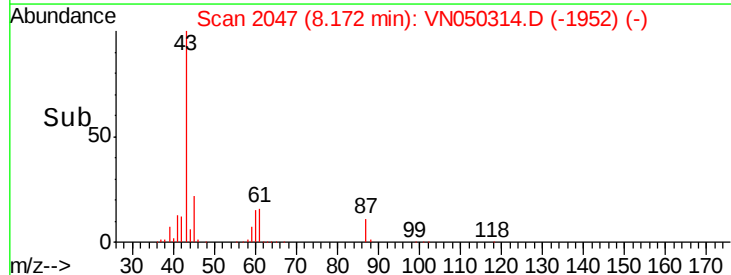
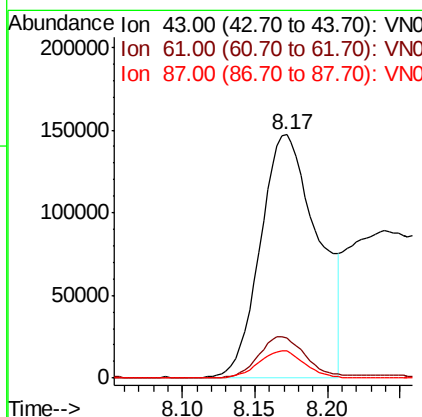
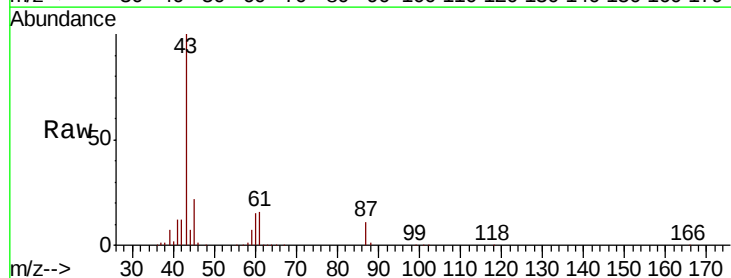
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111719TB

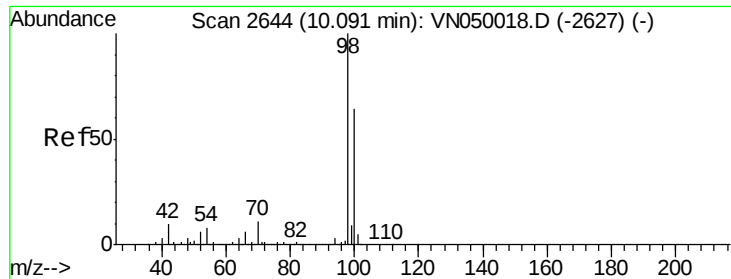
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	80.7	121.1
192	22.1	17.8	26.6



#43
 Isopropyl Acetate
 Concen: 24.50 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN050314.D
 Acq: 3 Aug 2018 15:47

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.1	15.8	23.6#
87	9.0	10.3	15.5#





#50

Toluene-d8

Concen: 44.83 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050314.D

Acq: 3 Aug 2018 15:47

Instrument :

MSVOA_N

ClientSampleId :

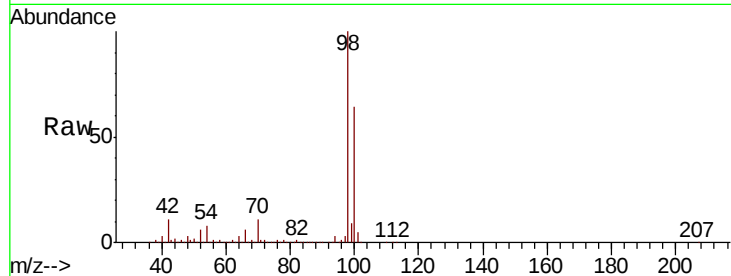
PB111719TB

Tot Ion: 98 Resp: 1469786

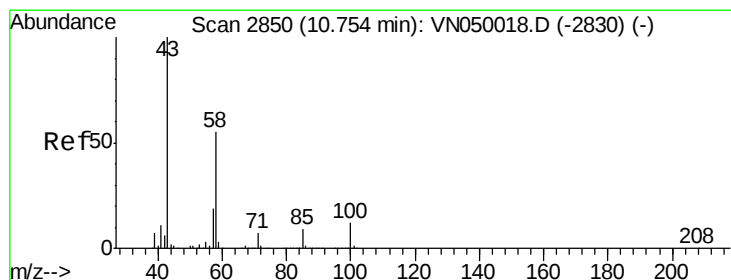
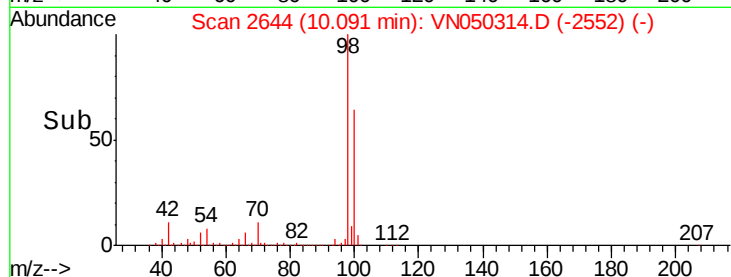
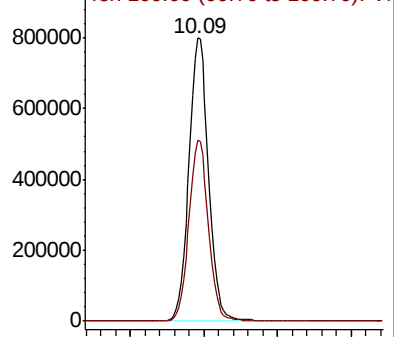
Ion Ratio Lower Upper

98 100

100 63.7 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN050018.D (-2627) (-)



#59

2-Hexanone

Concen: 9.11 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050314.D

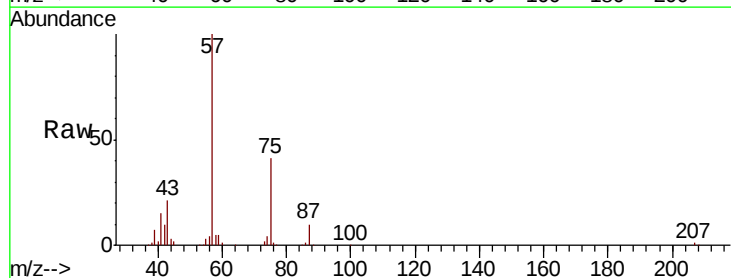
Acq: 3 Aug 2018 15:47

Tgt Ion: 43 Resp: 24907

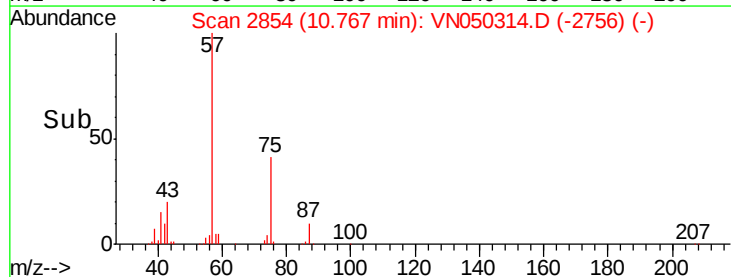
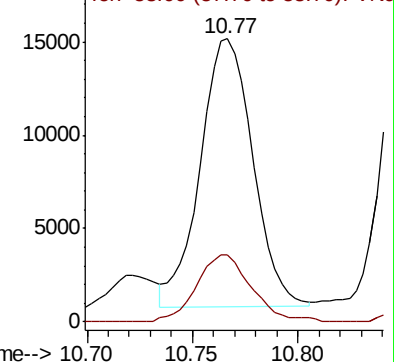
Ion Ratio Lower Upper

43 100

58 26.1 27.6 82.7#



Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-2830) (-)

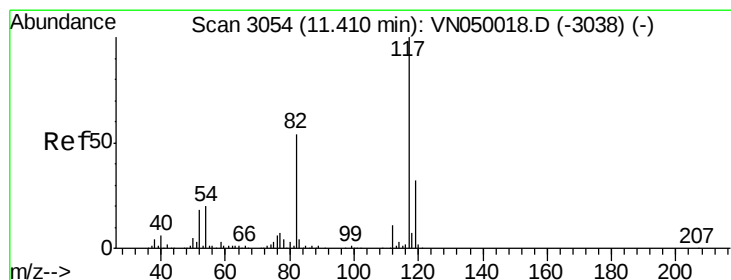
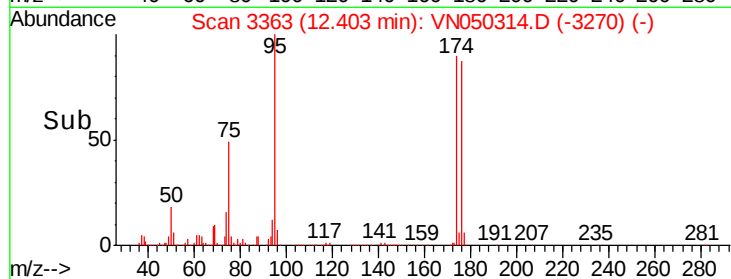
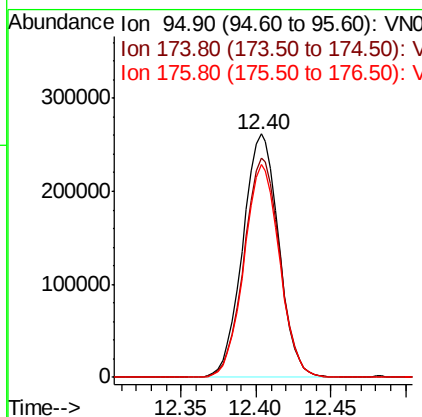
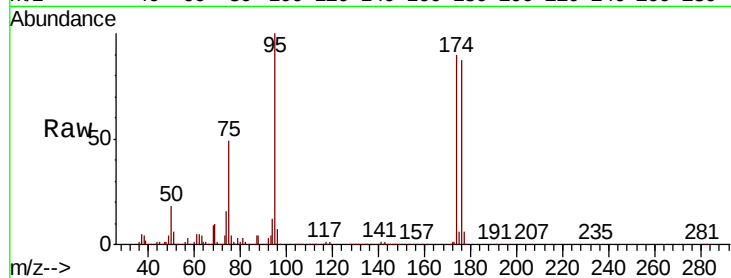




#62
4-Bromofluorobenzene
Concen: 40.54 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050314.D
Acq: 3 Aug 2018 15:47

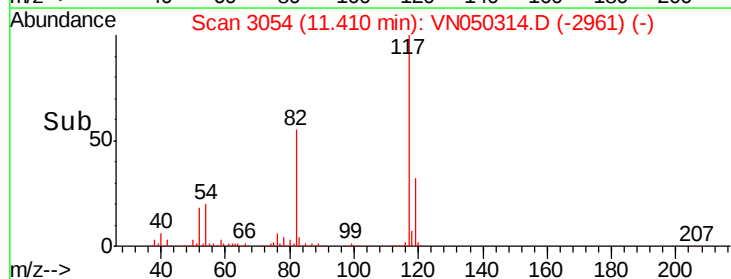
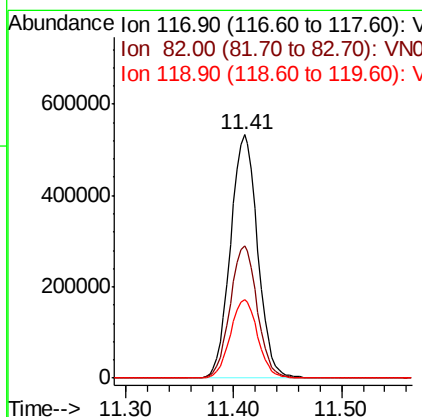
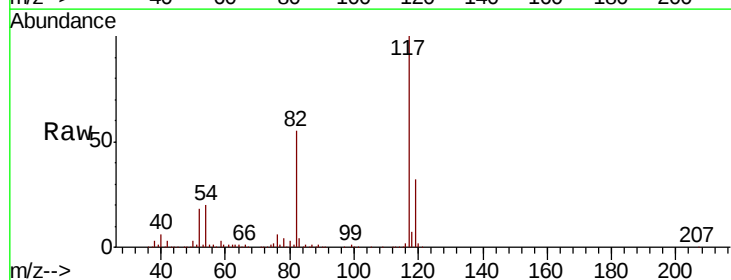
Instrument :
MSVOA_N
ClientSampleId :
PB111719TB

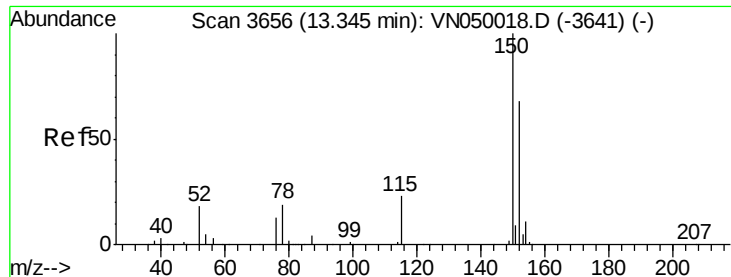
Tot Ion: 95 Resp: 437670
Ion Ratio Lower Upper
95 100
174 90.1 0.0 178.2
176 86.4 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050314.D
Acq: 3 Aug 2018 15:47

Tgt Ion: 117 Resp: 932396
Ion Ratio Lower Upper
117 100
82 54.6 43.7 65.5
119 32.2 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: VN050314.D

Acq: 3 Aug 2018 15:47

Instrument :

MSVOA_N

ClientSampled :

PB111719TB

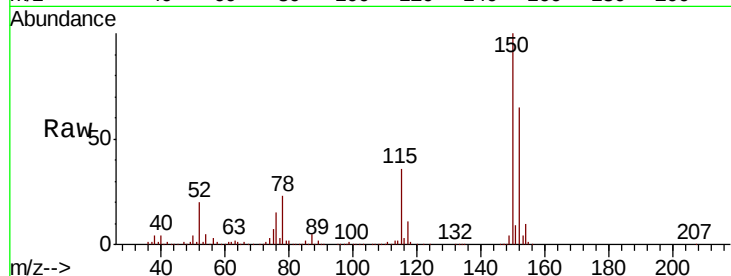
Tot Ion:152 Resp: 413201

Ion Ratio Lower Upper

152 100

115 56.1 27.8 83.3

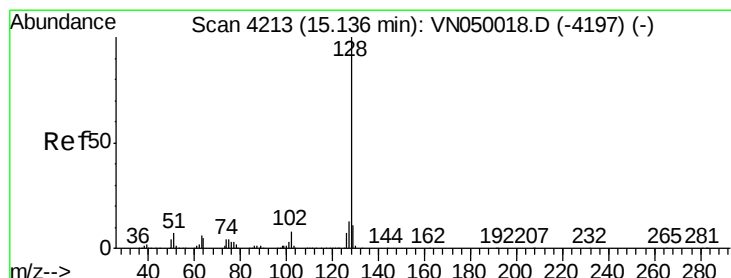
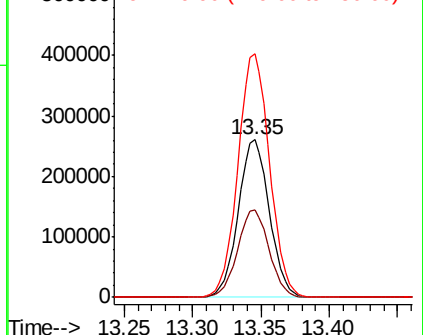
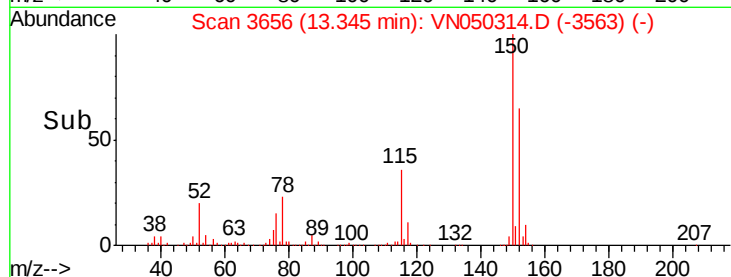
150 156.7 0.0 348.6



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: 4.83 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050314.D

Acq: 3 Aug 2018 15:47

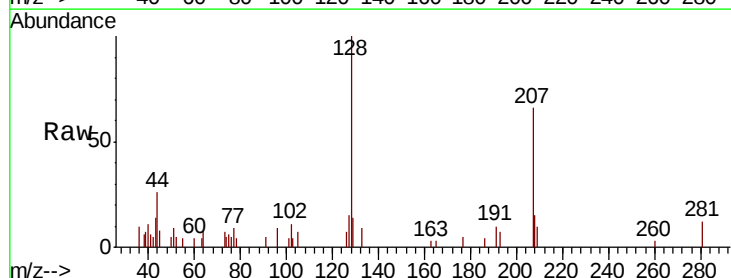
Tgt Ion:128 Resp: 8525

Ion Ratio Lower Upper

128 100

127 16.0 10.4 15.6#

129 10.1 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

