

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071818\
 Data File : VN049891.D
 Acq On : 19 Jul 2018 00:07
 Operator : MD\SY
 Sample : PB111206ZHE#18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111206ZHE#18

Quant Time: Jul 19 06:47:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 13:09:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	576517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	951560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	809305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	293066	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	409964	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
35) Dibromofluoromethane	7.59	113	361833	45.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.58%	
50) Toluene-d8	10.09	98	1273361	43.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.50%	
62) 4-Bromofluorobenzene	12.40	95	348551	34.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.54%	

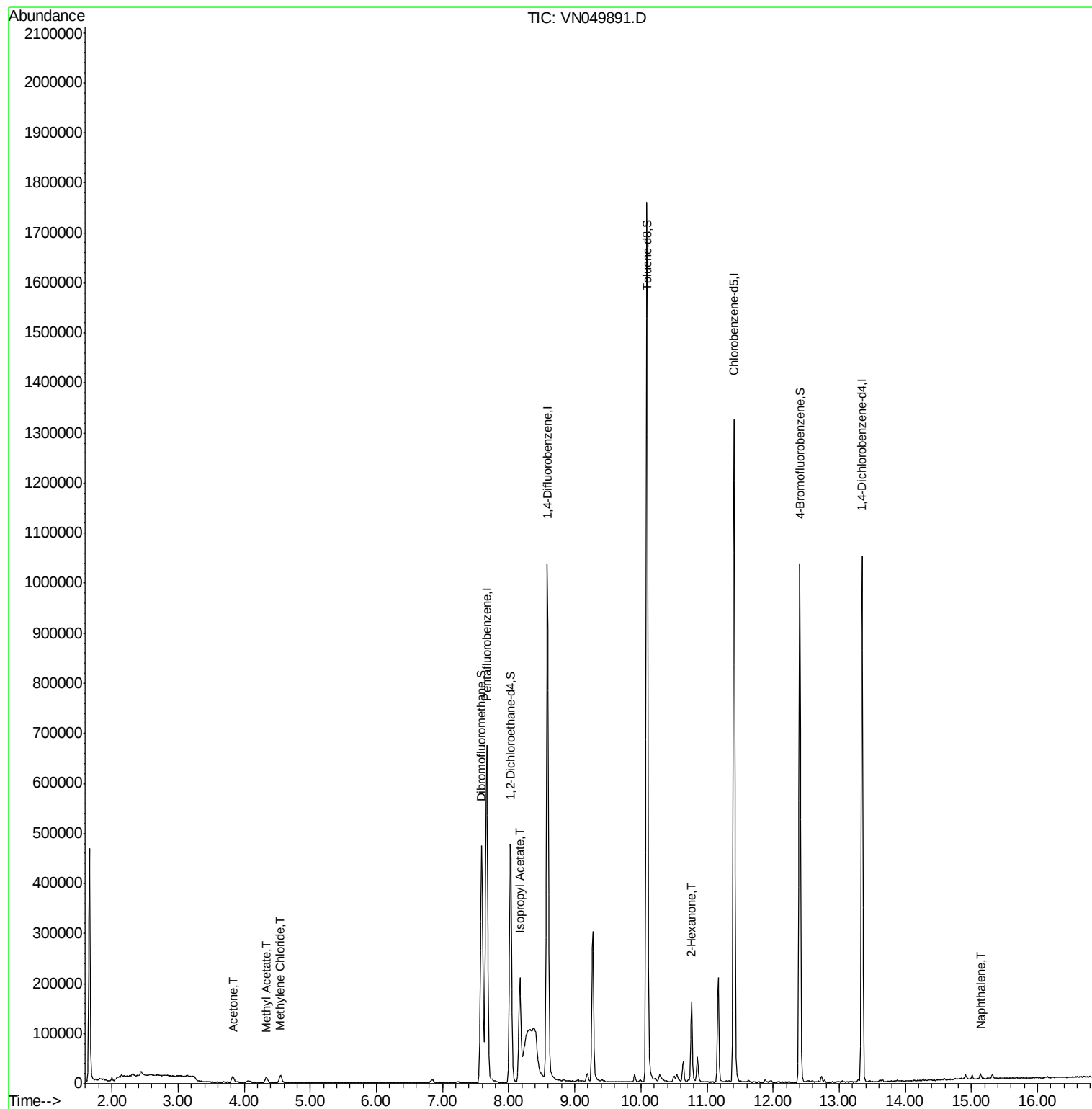
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	20674	10.08	ug/l	99
18) Methyl Acetate	4.34	43	22286	2.68	ug/l	96
20) Methylene Chloride	4.55	84	11295	1.45	ug/l #	93
43) Isopropyl Acetate	8.17	43	257238	20.27	ug/l	99
59) 2-Hexanone	10.76	43	23939	5.02	ug/l #	62
95) Naphthalene	15.14	128	8257	5.03	ug/l	96

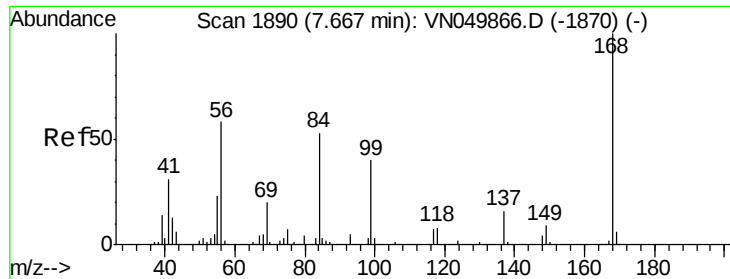
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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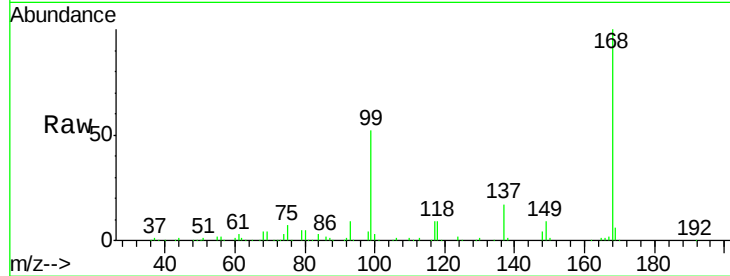


#1

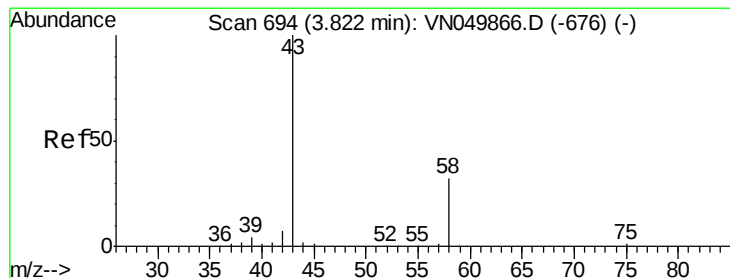
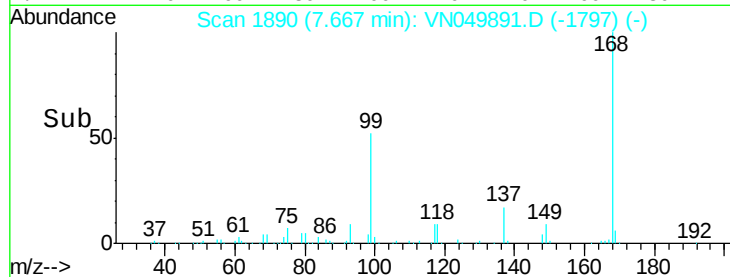
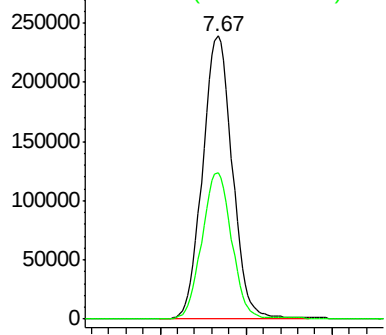
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.67 min Scan# 1890
 Delta R.T. 0.00 min
 Lab File: VN049891.D
 Acq: 19 Jul 2018 00:07

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111206ZHE#18

Tot Ion:168 Resp: 576517
 Ion Ratio Lower Upper
 168 100
 99 51.6 40.6 61.0



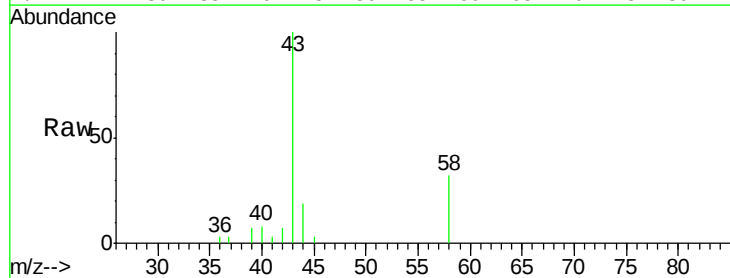
Abundance Ion 167.90 (167.60 to 168.60): V



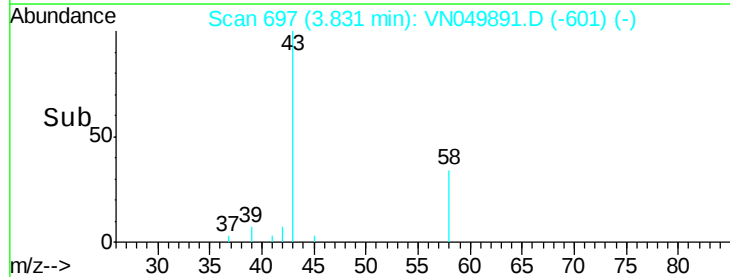
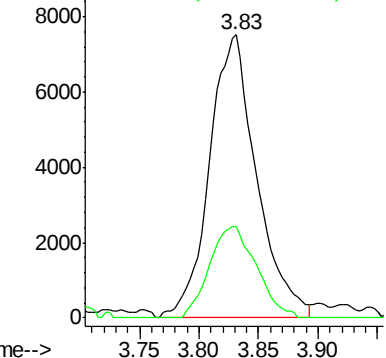
#16

Acetone
 Concen: 10.08 ug/l
 RT: 3.83 min Scan# 697
 Delta R.T. 0.01 min
 Lab File: VN049891.D
 Acq: 19 Jul 2018 00:07

Tgt Ion: 43 Resp: 20674
 Ion Ratio Lower Upper
 43 100
 58 32.1 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

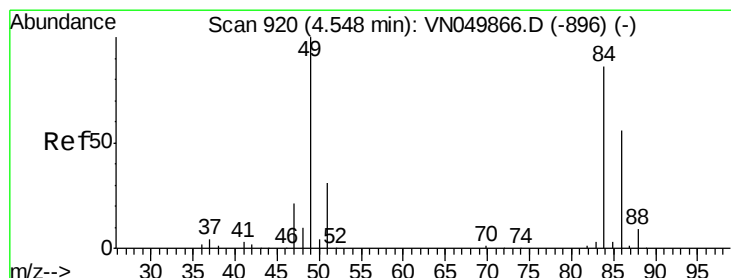
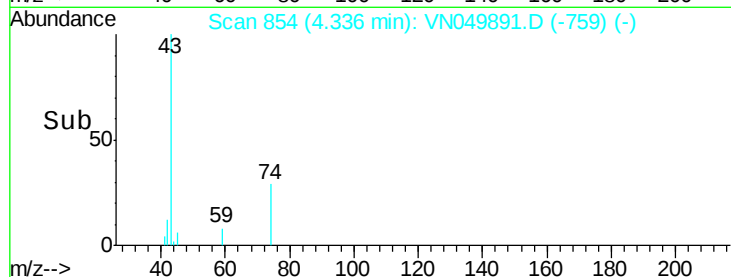
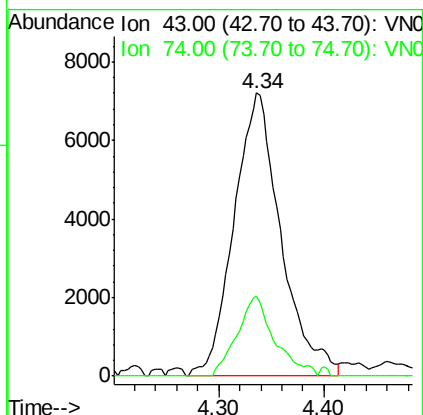
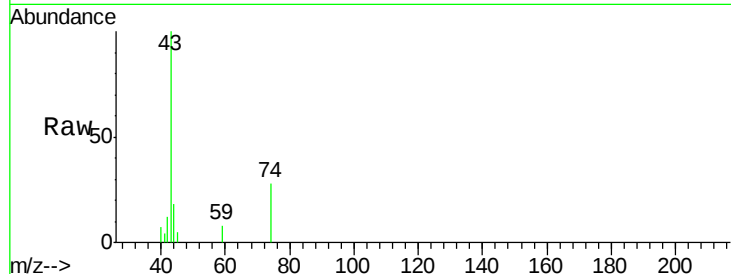




#18
Methvl Acetate
Concen: 2.68 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.01 min
Lab File: VN049891.D
Acq: 19 Jul 2018 00:07

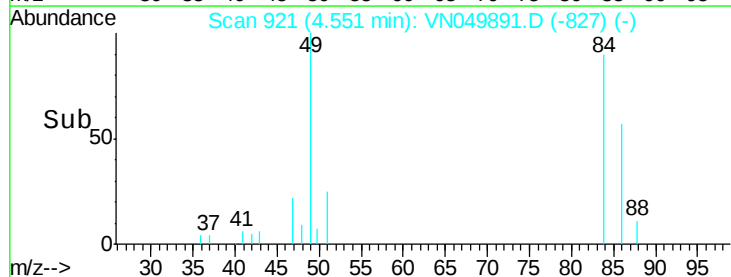
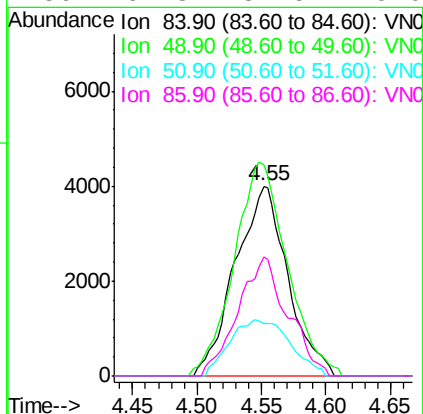
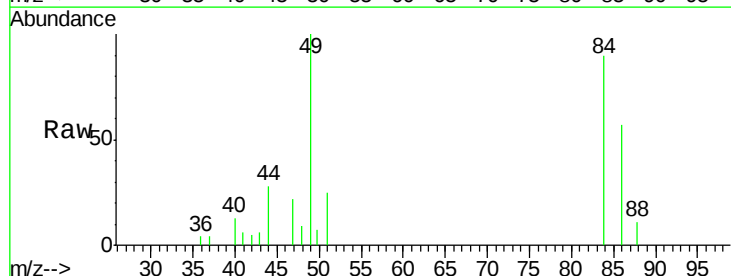
Instrument :
MSVOA_N
ClientSampleId :
PB111206ZHE#18

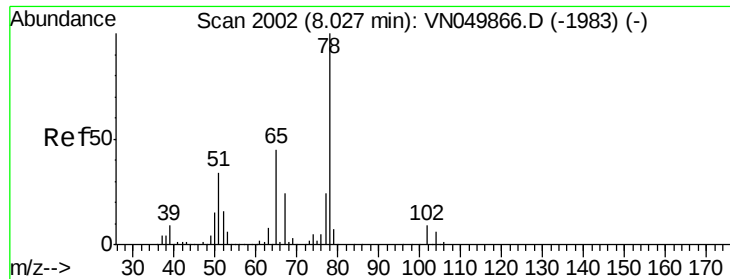
Tot Ion: 43 Resp: 22286
Ion Ratio Lower Upper
43 100
74 22.6 19.8 29.8



#20
Methylene Chloride
Concen: 1.45 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049891.D
Acq: 19 Jul 2018 00:07

Tgt Ion: 84 Resp: 11295
Ion Ratio Lower Upper
84 100
49 110.8 95.4 143.2
51 27.9 28.4 42.6#
86 62.8 52.6 79.0

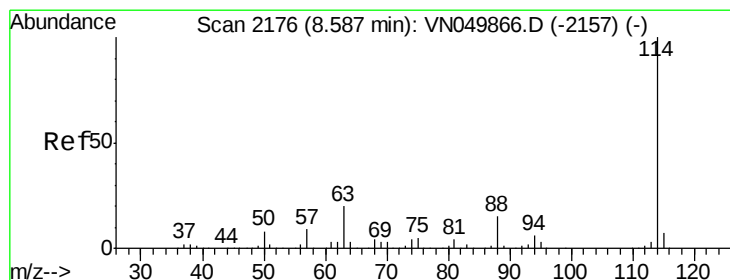
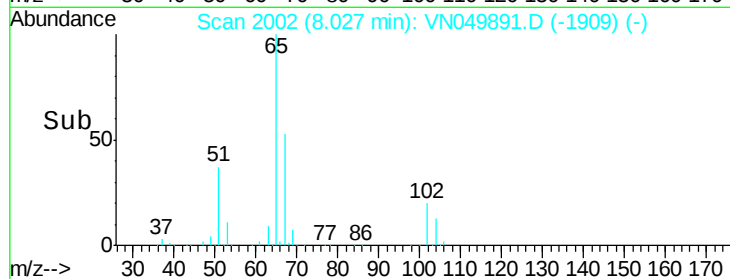
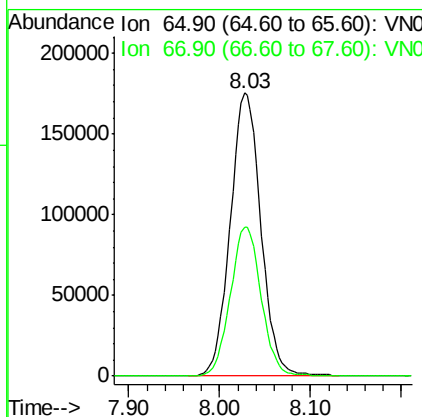
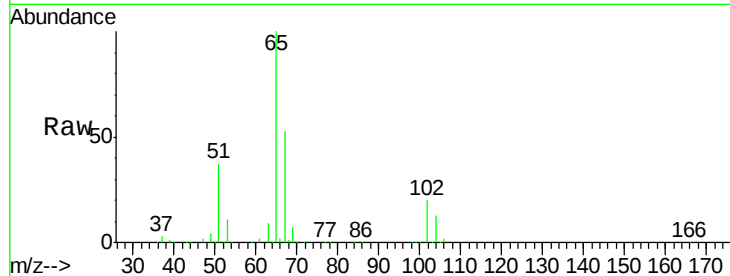




#33
 1,2-Dichloroethane-d4
 Concen: 51.74 ug/l
 RT: 8.03 min Scan# 2002
 Delta R.T. 0.00 min
 Lab File: VN049891.D
 Acq: 19 Jul 2018 00:07

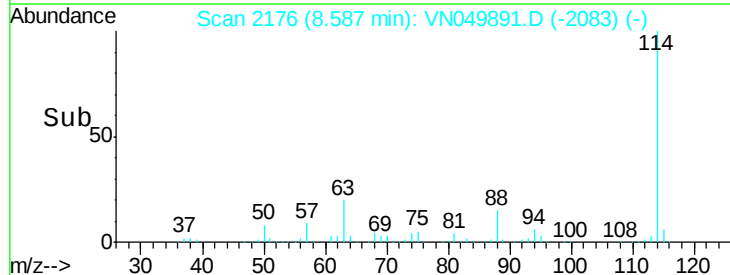
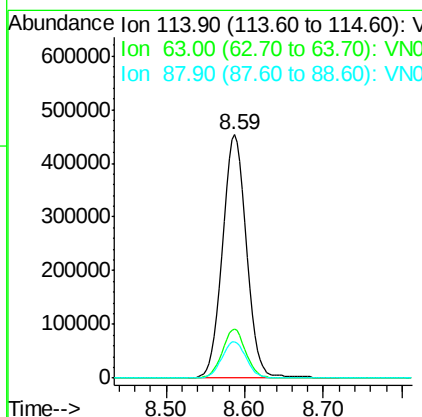
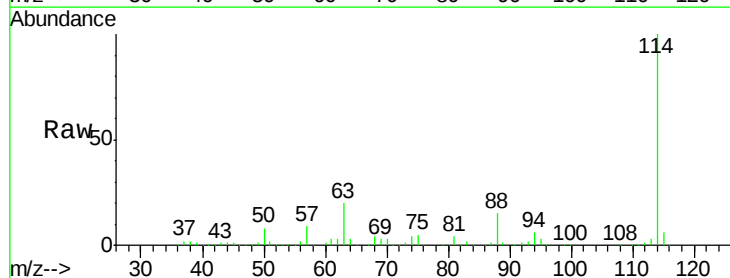
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111206ZHE#18

Tot Ion: 65 Resp: 409964
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049891.D
 Acq: 19 Jul 2018 00:07

Tgt Ion: 114 Resp: 951560
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.8
 88 15.0 0.0 30.6

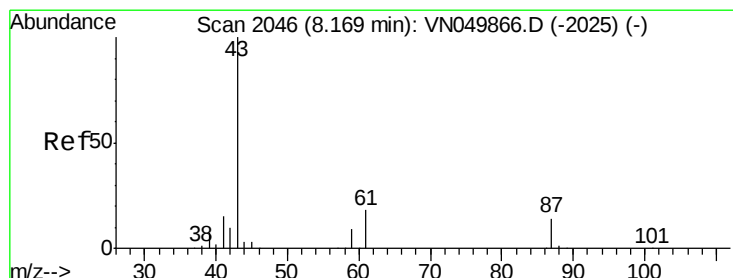
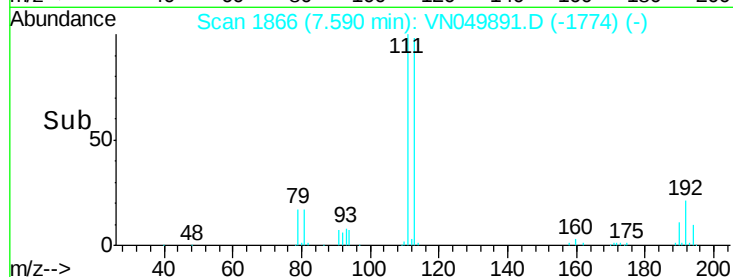
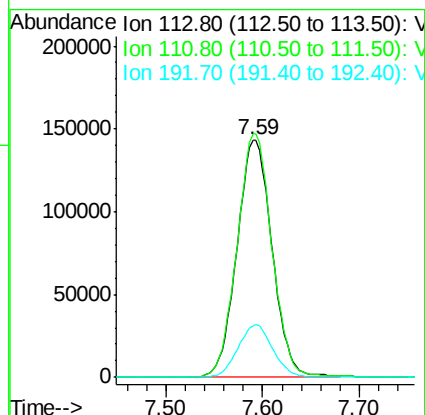
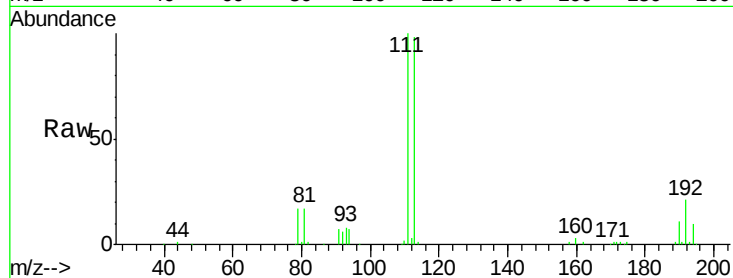




#35
 Dibromofluoromethane
 Concen: 45.29 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN049891.D
 Acq: 19 Jul 2018 00:07

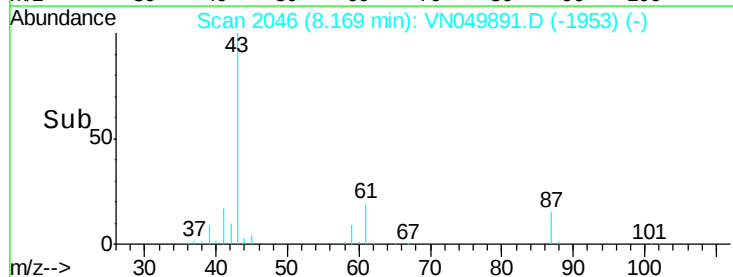
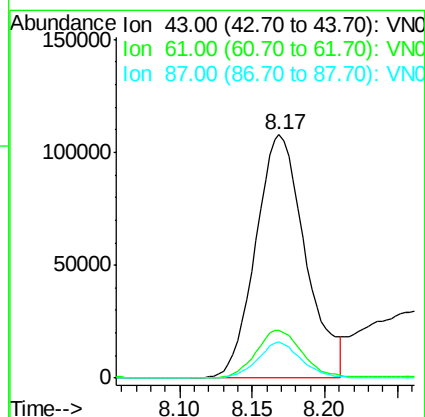
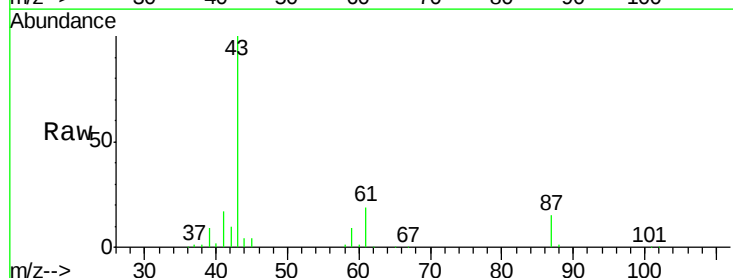
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111206ZHE#18

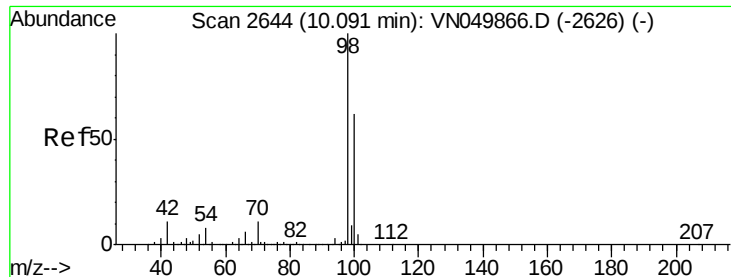
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.8	122.8
192	21.9	17.8	26.6



#43
 Isopropyl Acetate
 Concen: 20.27 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN049891.D
 Acq: 19 Jul 2018 00:07

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.4	14.9	22.3
87	13.1	10.0	15.0





#50

Toluene-d8

Concen: 43.75 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049891.D

Acq: 19 Jul 2018 00:07

Instrument :

MSVOA_N

ClientSampleId :

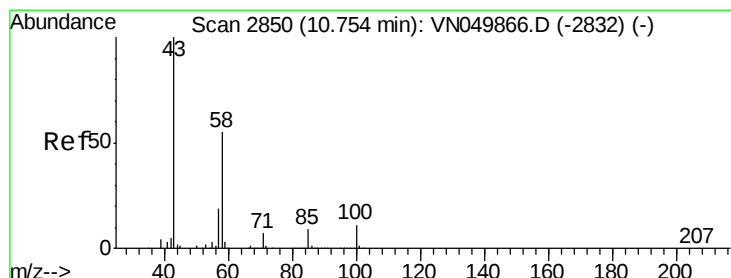
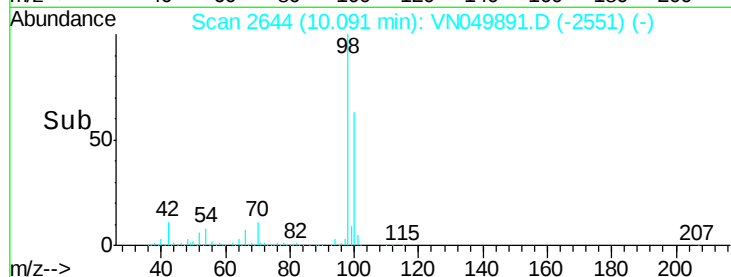
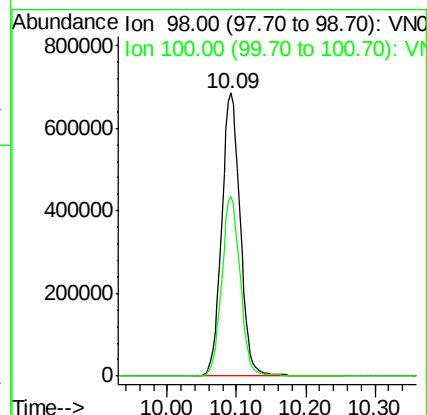
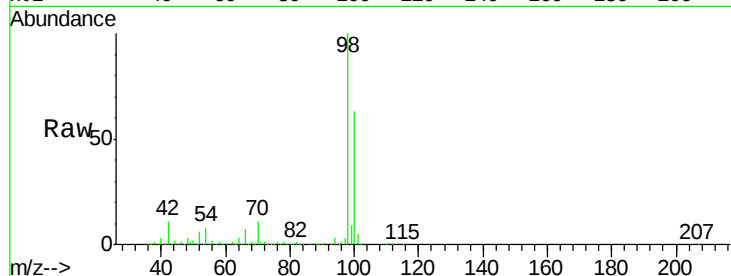
PB111206ZHE#18

Tot Ion: 98 Resp: 1273361

Ion Ratio Lower Upper

98 100

100 63.1 51.7 77.5



#59

2-Hexanone

Concen: 5.02 ug/l

RT: 10.76 min Scan# 2853

Delta R.T. 0.01 min

Lab File: VN049891.D

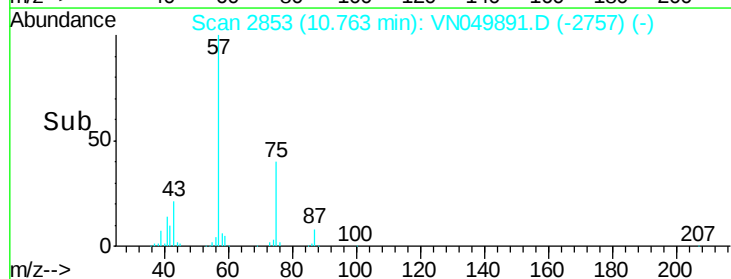
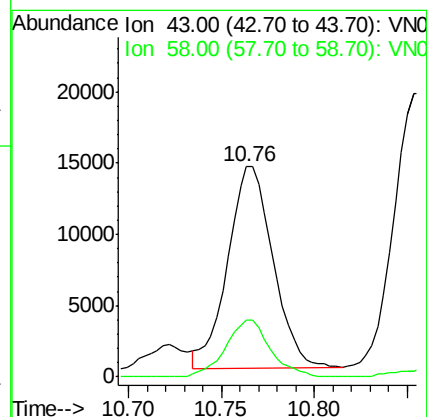
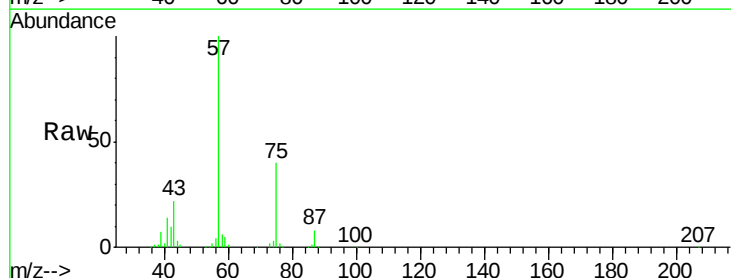
Acq: 19 Jul 2018 00:07

Tgt Ion: 43 Resp: 23939

Ion Ratio Lower Upper

43 100

58 27.8 27.8 83.4#





#62

4-Bromofluorobenzene

Concen: 34.77 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049891.D

Acq: 19 Jul 2018 00:07

Instrument :

MSVOA_N

ClientSampleId :

PB111206ZHE#18

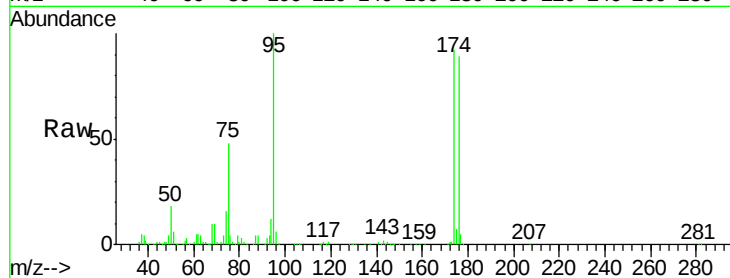
Tot Ion: 95 Resp: 348551

Ion Ratio Lower Upper

95 100

174 93.3 0.0 179.6

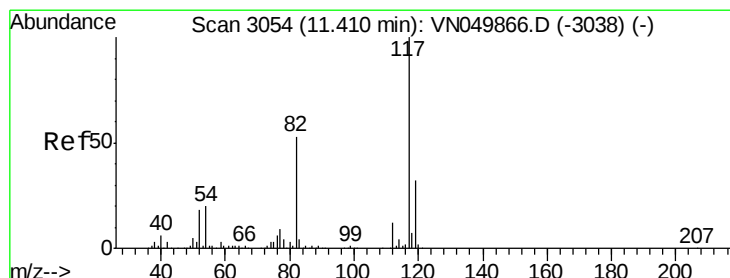
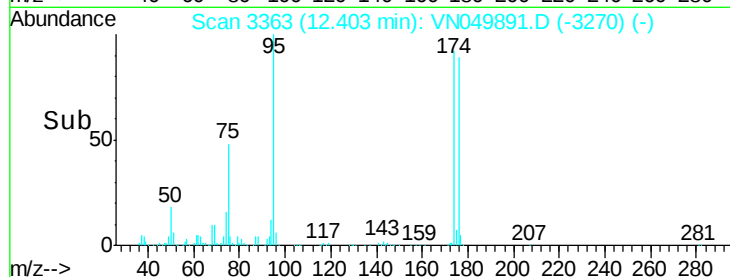
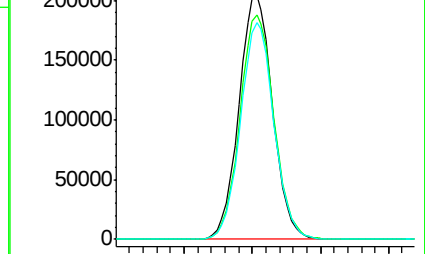
176 88.5 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN049866.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN049866.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN049866.D (-3348) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3053

Delta R.T. -0.00 min

Lab File: VN049891.D

Acq: 19 Jul 2018 00:07

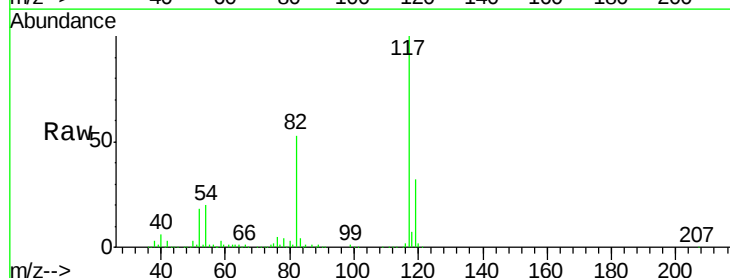
Tgt Ion: 117 Resp: 809305

Ion Ratio Lower Upper

117 100

82 52.9 41.9 62.9

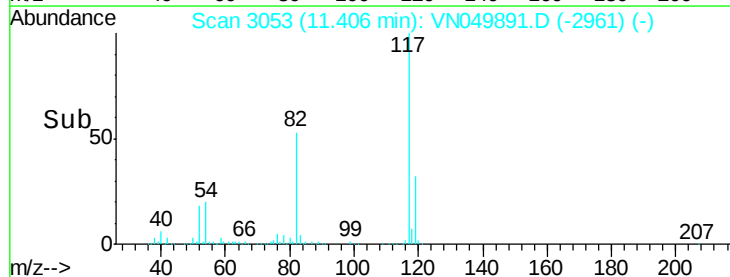
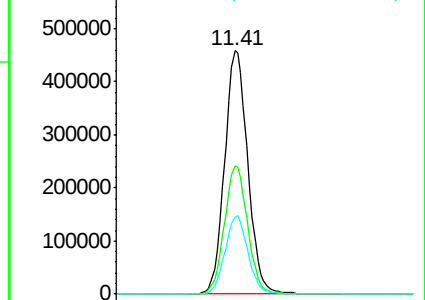
119 31.8 25.4 38.2

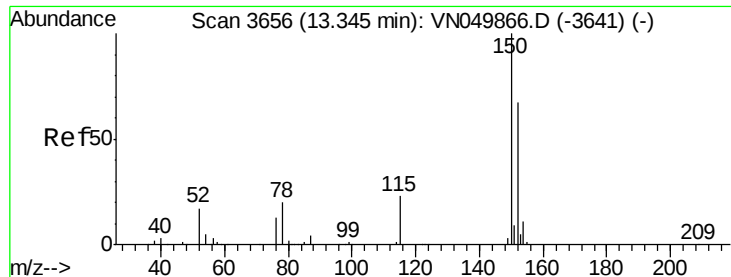


Abundance Ion 116.90 (116.60 to 117.60): VN049866.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN049866.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN049866.D (-3038) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049891.D

Acq: 19 Jul 2018 00:07

Instrument :

MSVOA_N

ClientSampleId :

PB111206ZHE#18

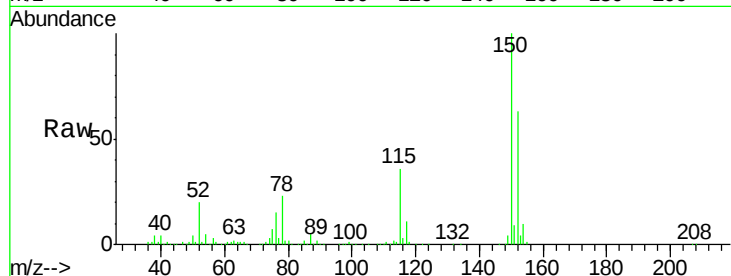
Tot Ion:152 Resp: 293066

Ion Ratio Lower Upper

152 100

115 56.3 28.1 84.2

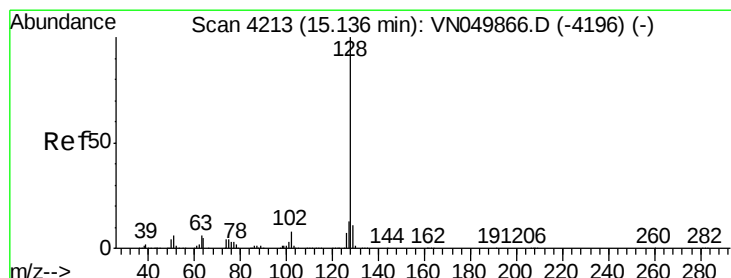
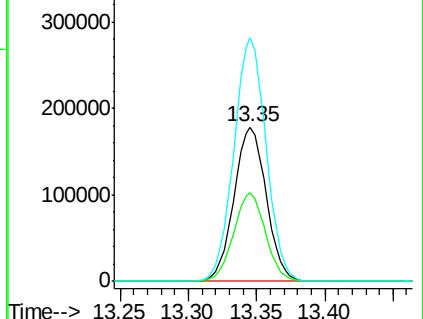
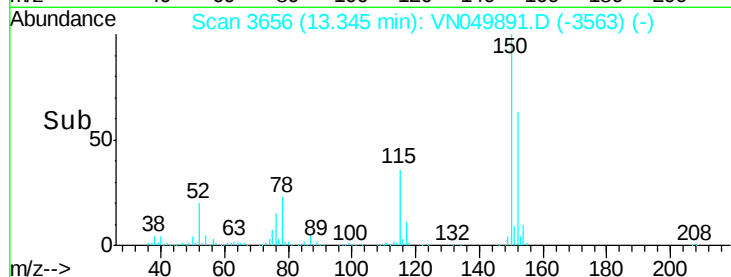
150 157.8 0.0 347.6



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: 5.03 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049891.D

Acq: 19 Jul 2018 00:07

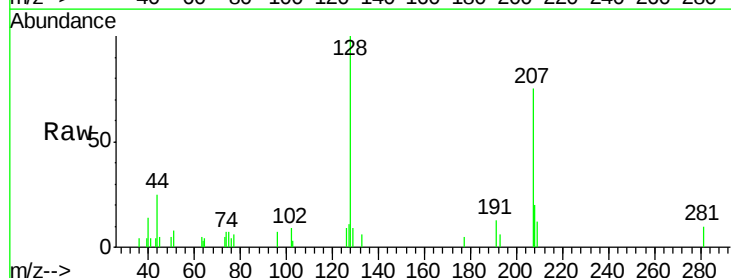
Tgt Ion:128 Resp: 8257

Ion Ratio Lower Upper

128 100

127 14.1 10.4 15.6

129 9.1 8.6 13.0



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

