

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072718\
 Data File : VN050146.D
 Acq On : 27 Jul 2018 22:02
 Operator : MD\SY
 Sample : PB111513ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111513ZHE#06

Quant Time: Jul 28 01:10:48 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

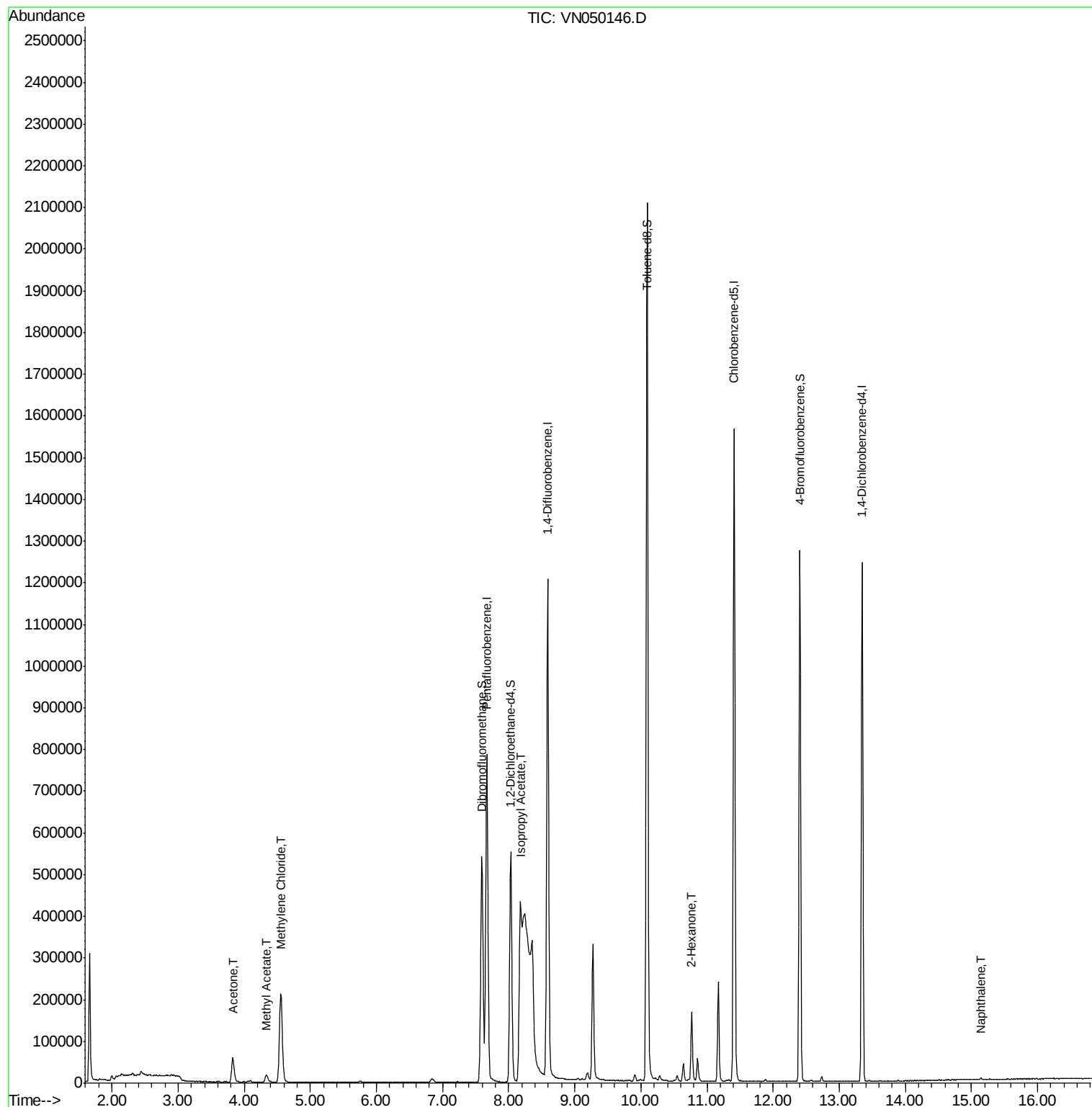
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	681588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1113155	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	955246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	353956	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	474381	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
35) Dibromofluoromethane	7.60	113	415282	45.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.38%	
50) Toluene-d8	10.09	98	1517892	45.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.86%	
62) 4-Bromofluorobenzene	12.40	95	436884	39.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.42%	
Target Compounds						
16) Acetone	3.83	43	99974	41.001	ug/l	100
18) Methyl Acetate	4.33	43	33514	2.292	ug/l	99
20) Methylene Chloride	4.55	84	168582	19.222	ug/l	97
43) Isopropyl Acetate	8.17	43	534635	32.037	ug/l #	84
59) 2-Hexanone	10.77	43	24663	8.998	ug/l #	56
95) Naphthalene	15.14	128	3316	4.602	ug/l #	92

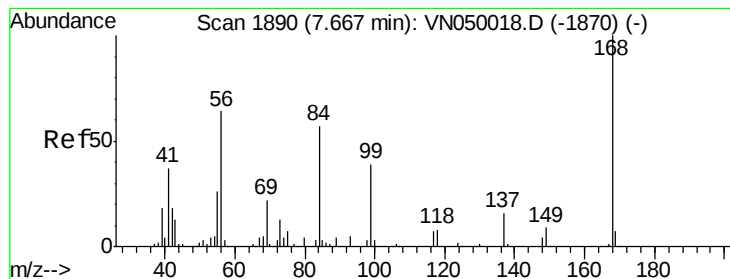
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

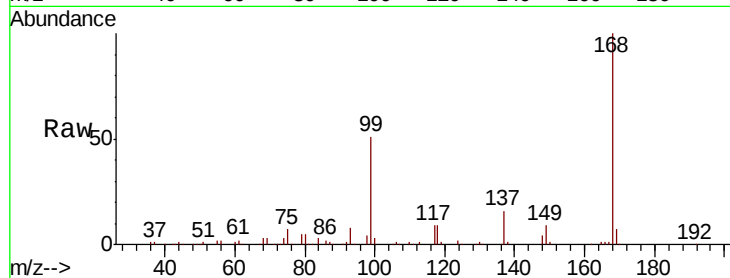
PB111513ZHE#06

Tot Ion:168 Resp: 681588

Ion Ratio Lower Upper

168 100

99 51.4 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

300000

250000

200000

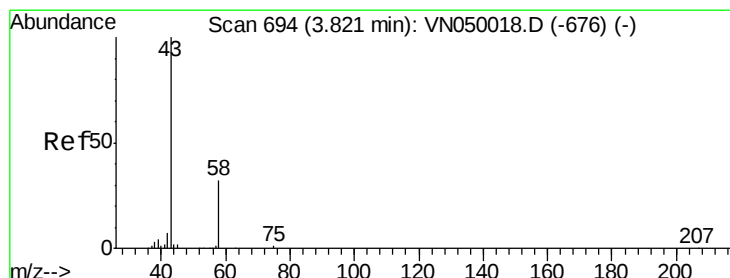
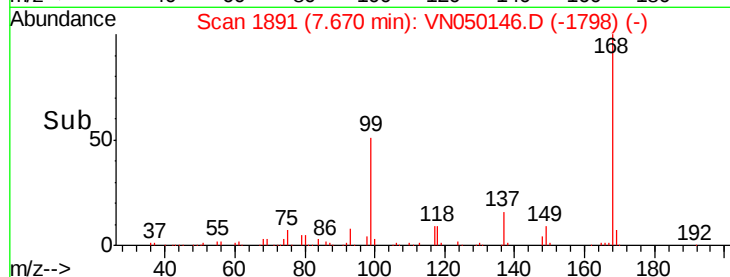
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 41.001 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050146.D

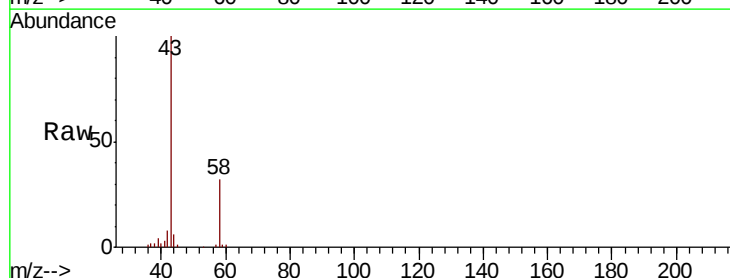
Acq: 27 Jul 2018 22:02

Tgt Ion: 43 Resp: 99974

Ion Ratio Lower Upper

43 100

58 32.1 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.83

40000

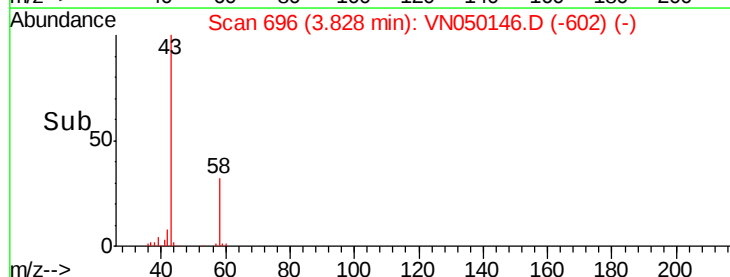
30000

20000

10000

0

Time--> 3.70 3.80 3.90

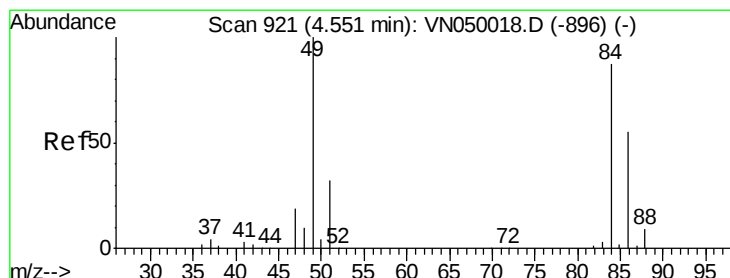
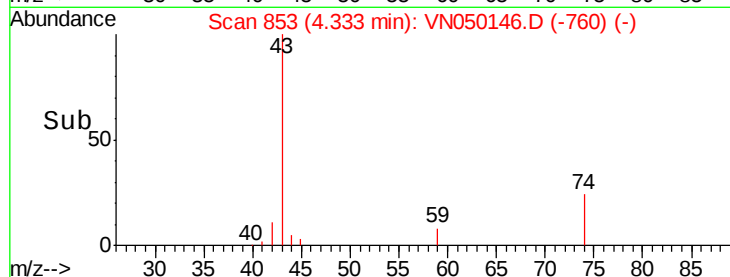
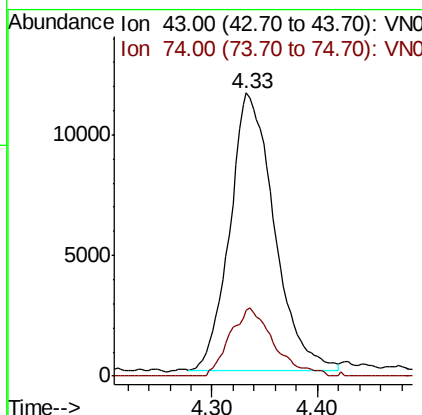
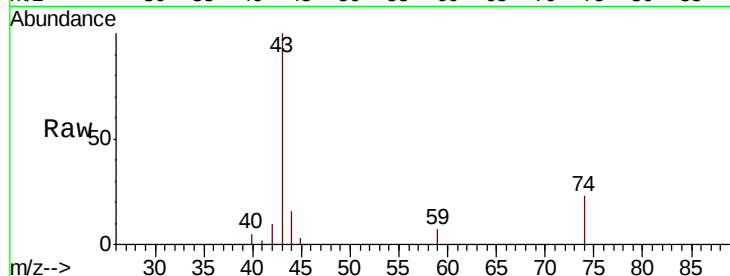




#18
Methyl Acetate
Concen: 2.292 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050146.D
Acq: 27 Jul 2018 22:02

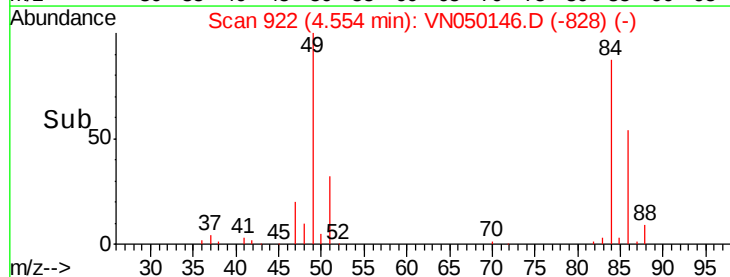
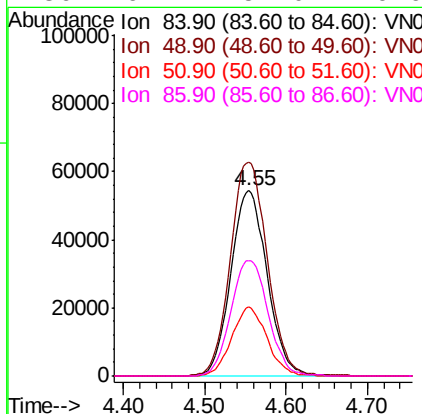
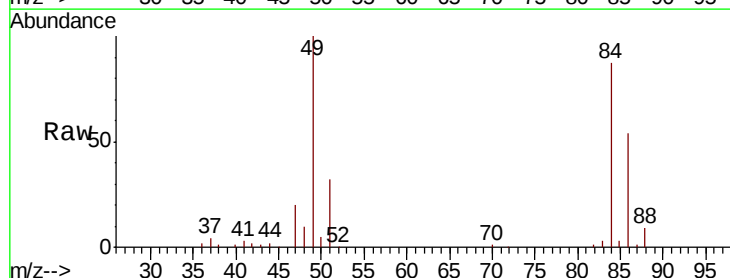
Instrument :
MSVOA_N
ClientSampleId :
PB111513ZHE#06

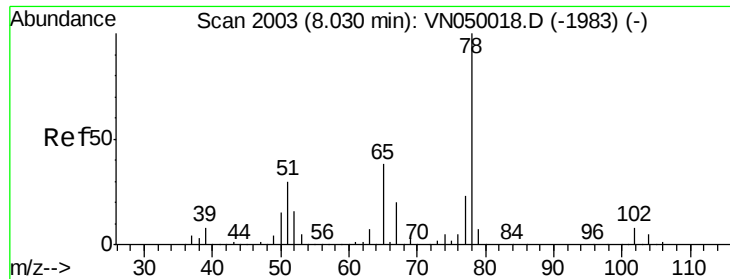
Tot Ion: 43 Resp: 33514
Ion Ratio Lower Upper
43 100
74 24.3 19.2 28.8



#20
Methylene Chloride
Concen: 19.222 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050146.D
Acq: 27 Jul 2018 22:02

Tgt Ion: 84 Resp: 168582
Ion Ratio Lower Upper
84 100
49 115.2 94.8 142.2
51 37.3 28.3 42.5
86 62.4 51.0 76.6

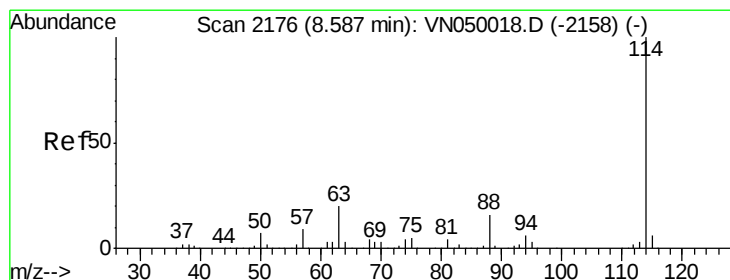
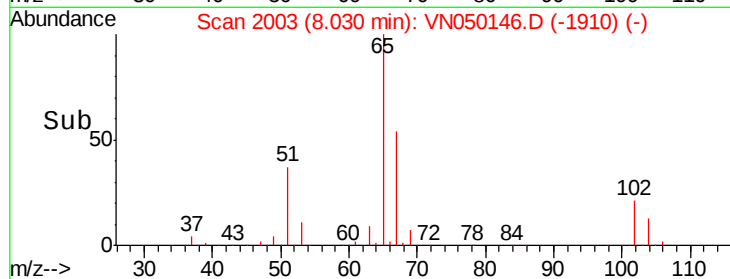
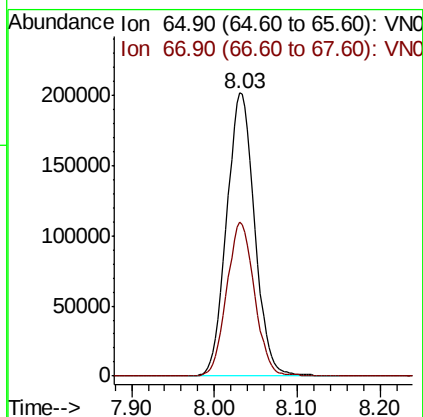
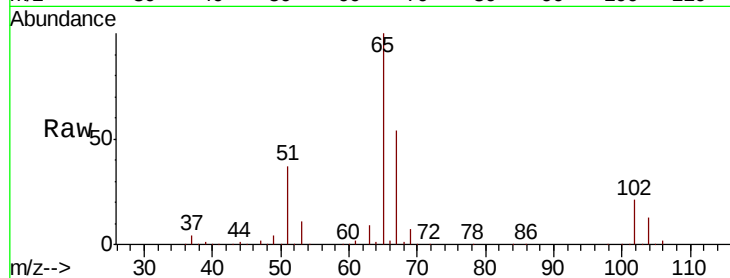




#33
 1,2-Dichloroethane-d4
 Concen: 49.884 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050146.D
 Acq: 27 Jul 2018 22:02

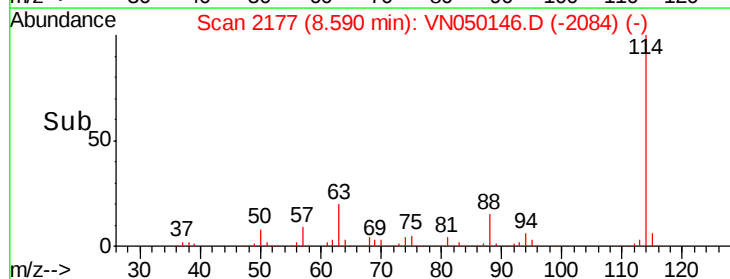
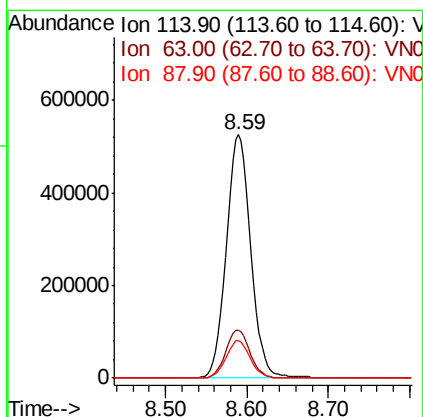
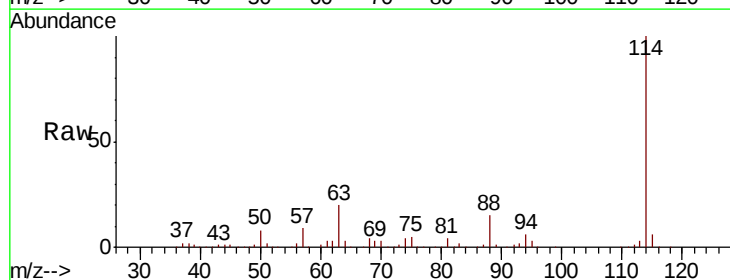
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111513ZHE#06

Tot Ion: 65 Resp: 474381
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050146.D
 Acq: 27 Jul 2018 22:02

Tgt Ion: 114 Resp: 1113155
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 15.4 0.0 31.2

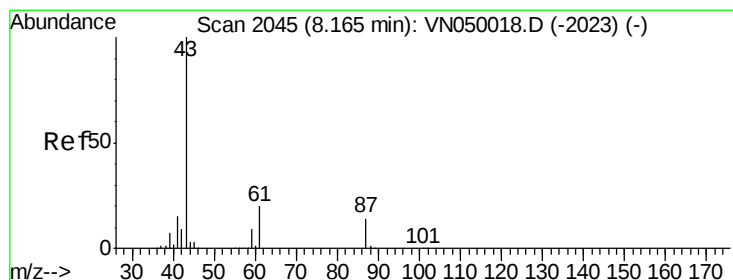
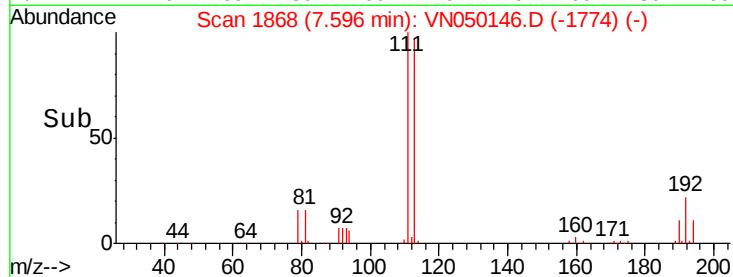
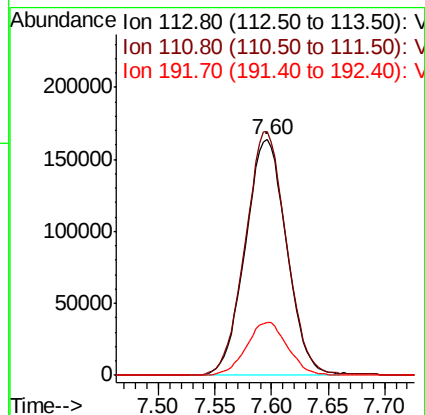
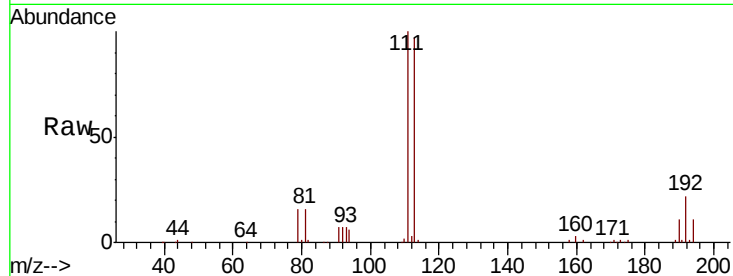




#35
 Dibromofluoromethane
 Concen: 45.693 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN050146.D
 Acq: 27 Jul 2018 22:02

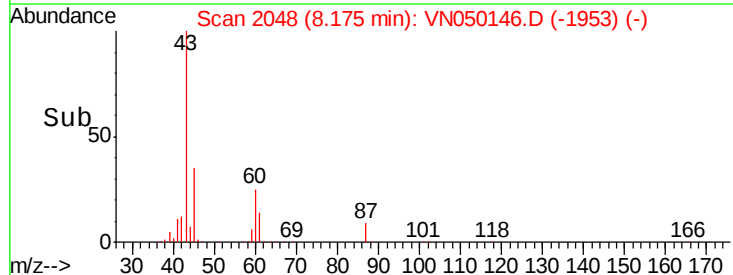
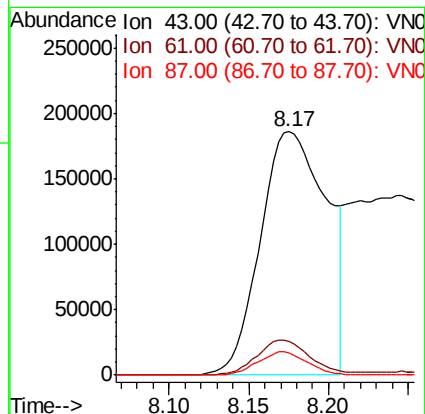
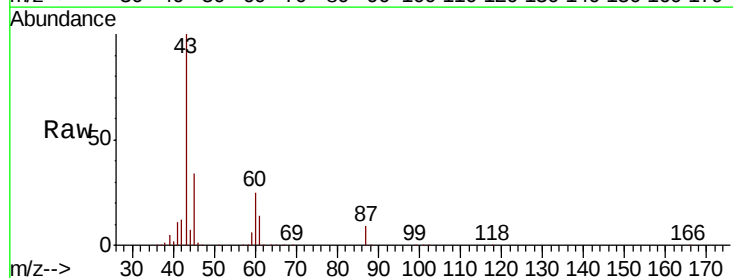
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111513ZHE#06

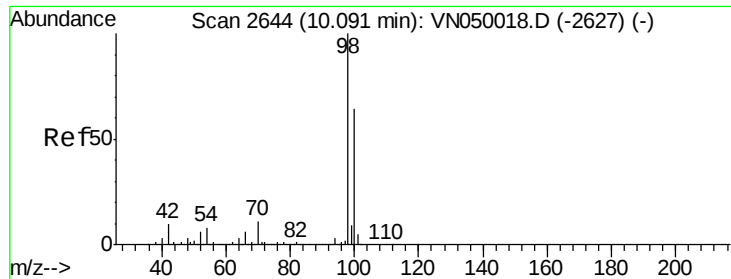
Tot Ion:113 Resp: 415282
 Ion Ratio Lower Upper
 113 100
 111 103.5 80.7 121.1
 192 22.5 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 32.037 ug/l
 RT: 8.17 min Scan# 2048
 Delta R.T. 0.01 min
 Lab File: VN050146.D
 Acq: 27 Jul 2018 22:02

Tgt Ion: 43 Resp: 534635
 Ion Ratio Lower Upper
 43 100
 61 11.6 15.8 23.6#
 87 7.3 10.3 15.5#





#50

Toluene-d8

Concen: 45.427 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050146.D

Acq: 27 Jul 2018 22:02

Instrument :

MSVOA_N

ClientSampleId :

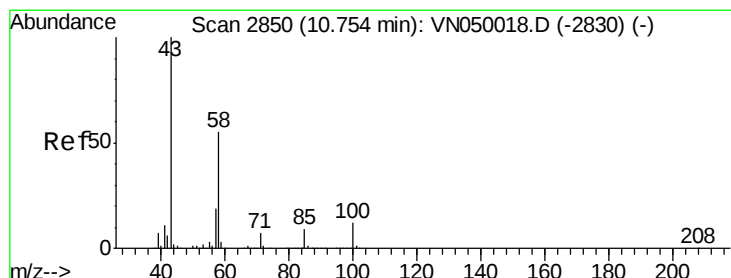
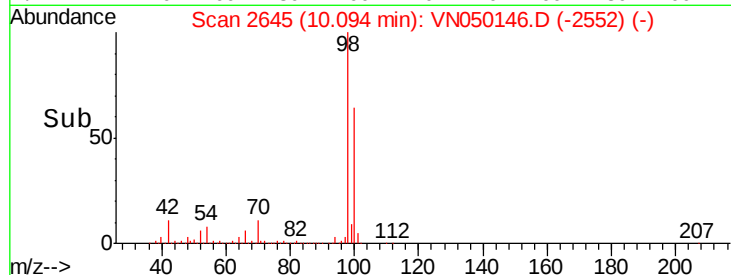
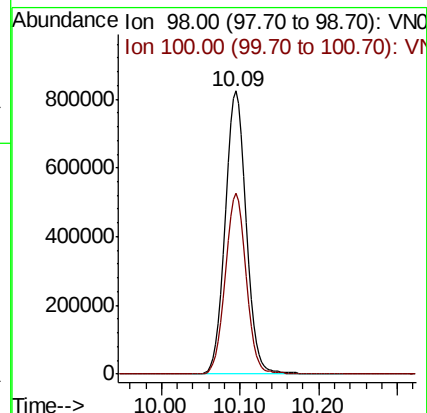
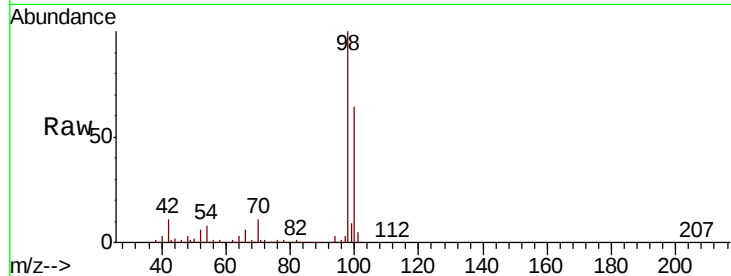
PB111513ZHE#06

Tot Ion: 98 Resp: 1517892

Ion Ratio Lower Upper

98 100

100 63.6 50.7 76.1



#59

2-Hexanone

Concen: 8.998 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050146.D

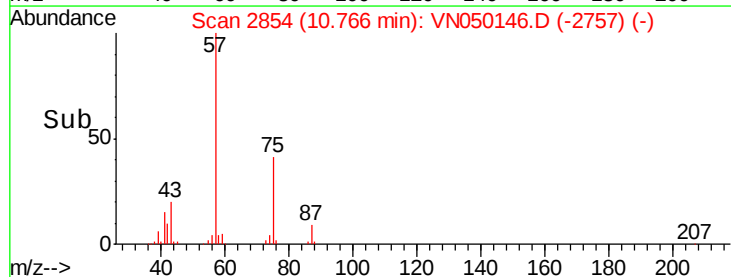
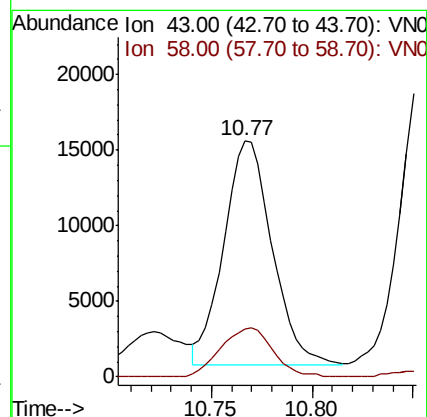
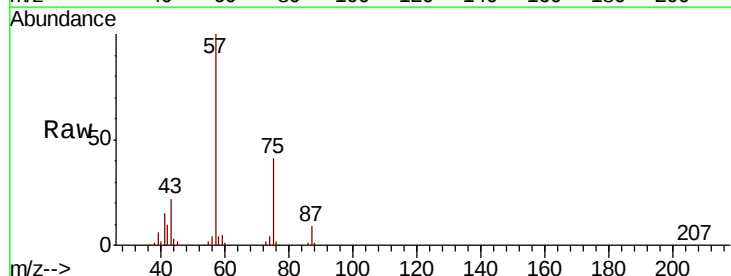
Acq: 27 Jul 2018 22:02

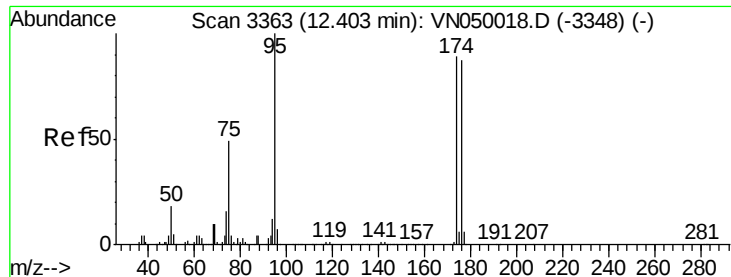
Tgt Ion: 43 Resp: 24663

Ion Ratio Lower Upper

43 100

58 23.6 27.6 82.7#





#62

4-Bromofluorobenzene

Concen: 39.709 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050146.D

Acq: 27 Jul 2018 22:02

Instrument :

MSVOA_N

ClientSampleId :

PB111513ZHE#06

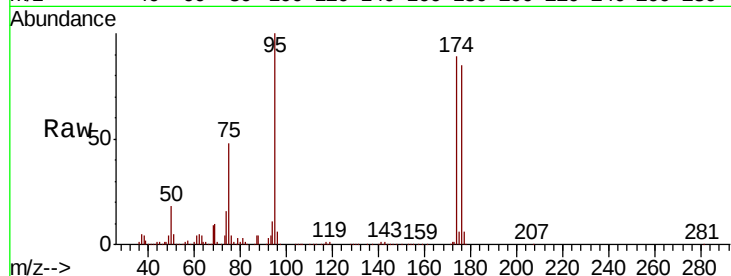
Tot Ion: 95 Resp: 436884

Ion Ratio Lower Upper

95 100

174 90.5 0.0 178.2

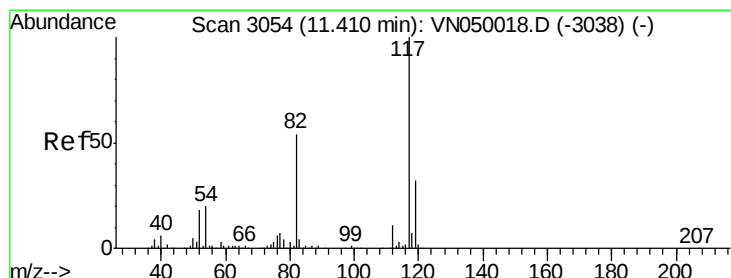
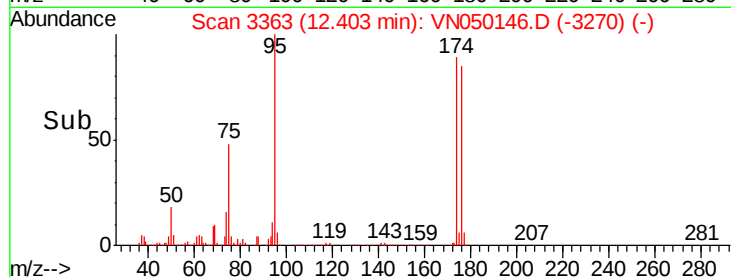
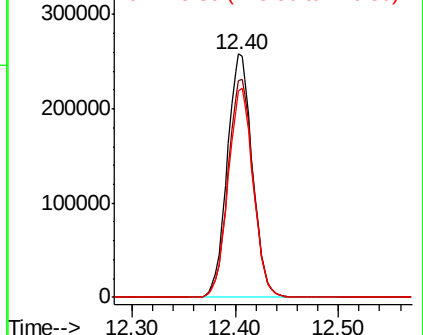
176 85.9 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050146.D

Acq: 27 Jul 2018 22:02

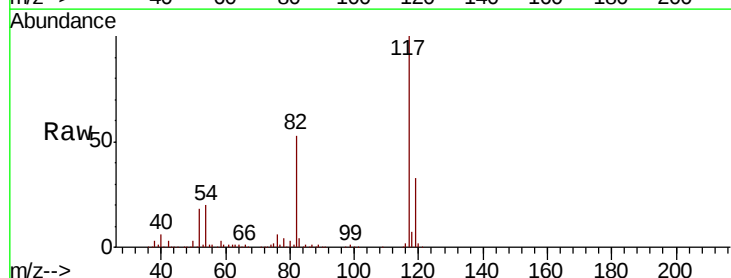
Tgt Ion: 117 Resp: 955246

Ion Ratio Lower Upper

117 100

82 53.2 43.7 65.5

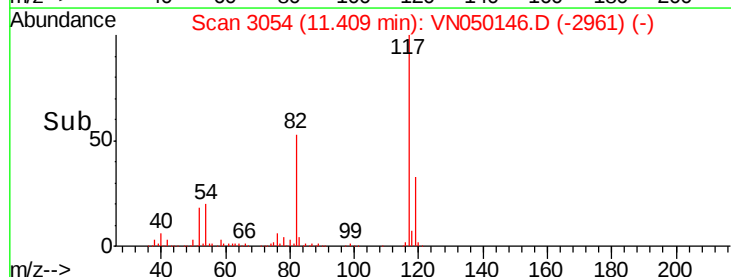
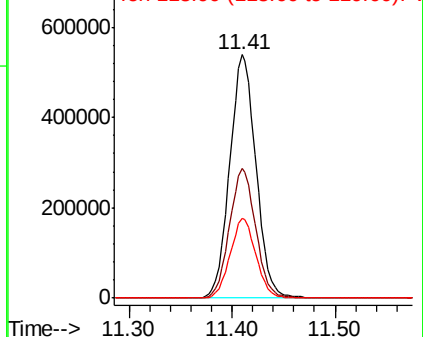
119 32.9 26.1 39.1

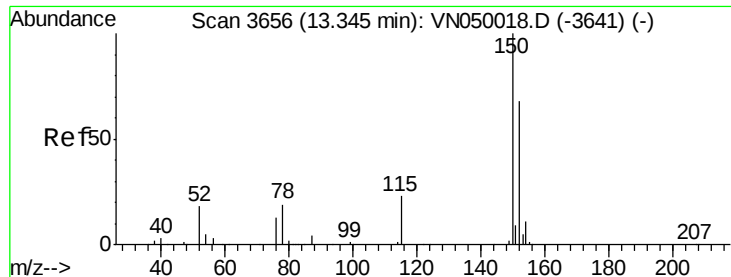


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN050146.D

Acq: 27 Jul 2018 22:02

Instrument :

MSVOA_N

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PB111513ZHE#06

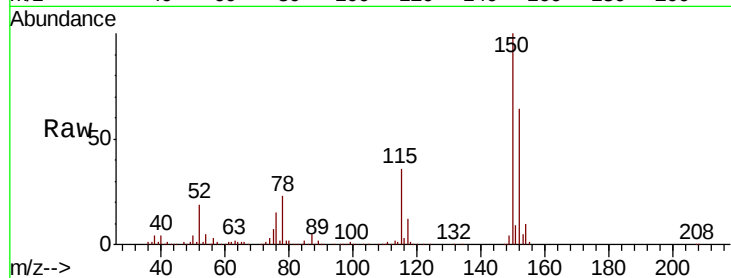
Tot Ion:152 Resp: 353956

Ion Ratio Lower Upper

152 100

115 56.5 27.8 83.3

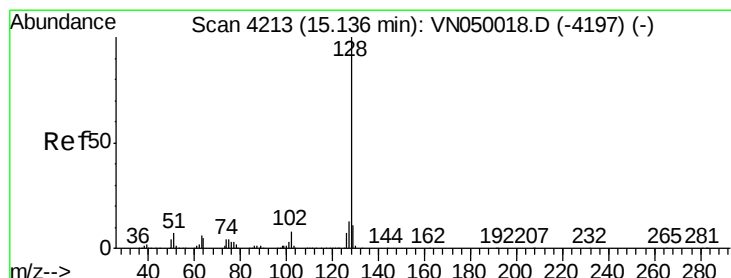
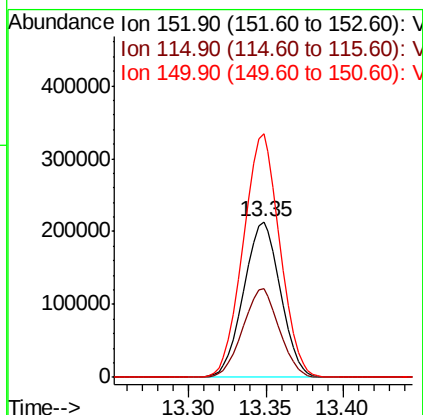
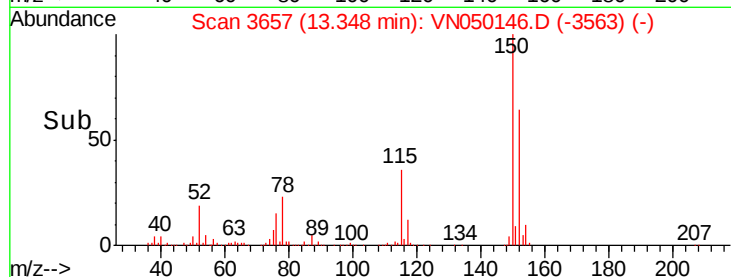
150 155.9 0.0 348.6



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: 4.602 ug/l

RT: 15.14 min Scan# 4214

Delta R.T. 0.00 min

Lab File: VN050146.D

Acq: 27 Jul 2018 22:02

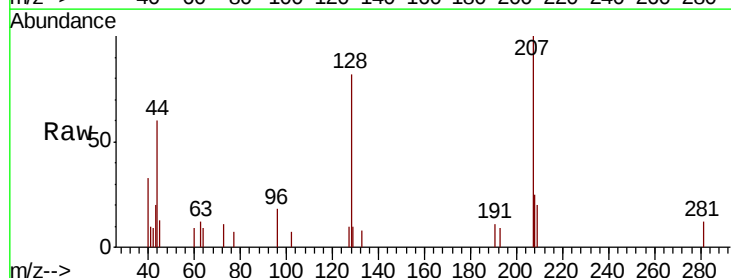
Tgt Ion:128 Resp: 3316

Ion Ratio Lower Upper

128 100

127 8.3 10.4 15.6#

129 9.7 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

