

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080218\
 Data File : VN050263.D
 Acq On : 2 Aug 2018 14:54
 Operator : MD\SY
 Sample : PB111674ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111674ZHE#01

Quant Time: Aug 03 01:27:07 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

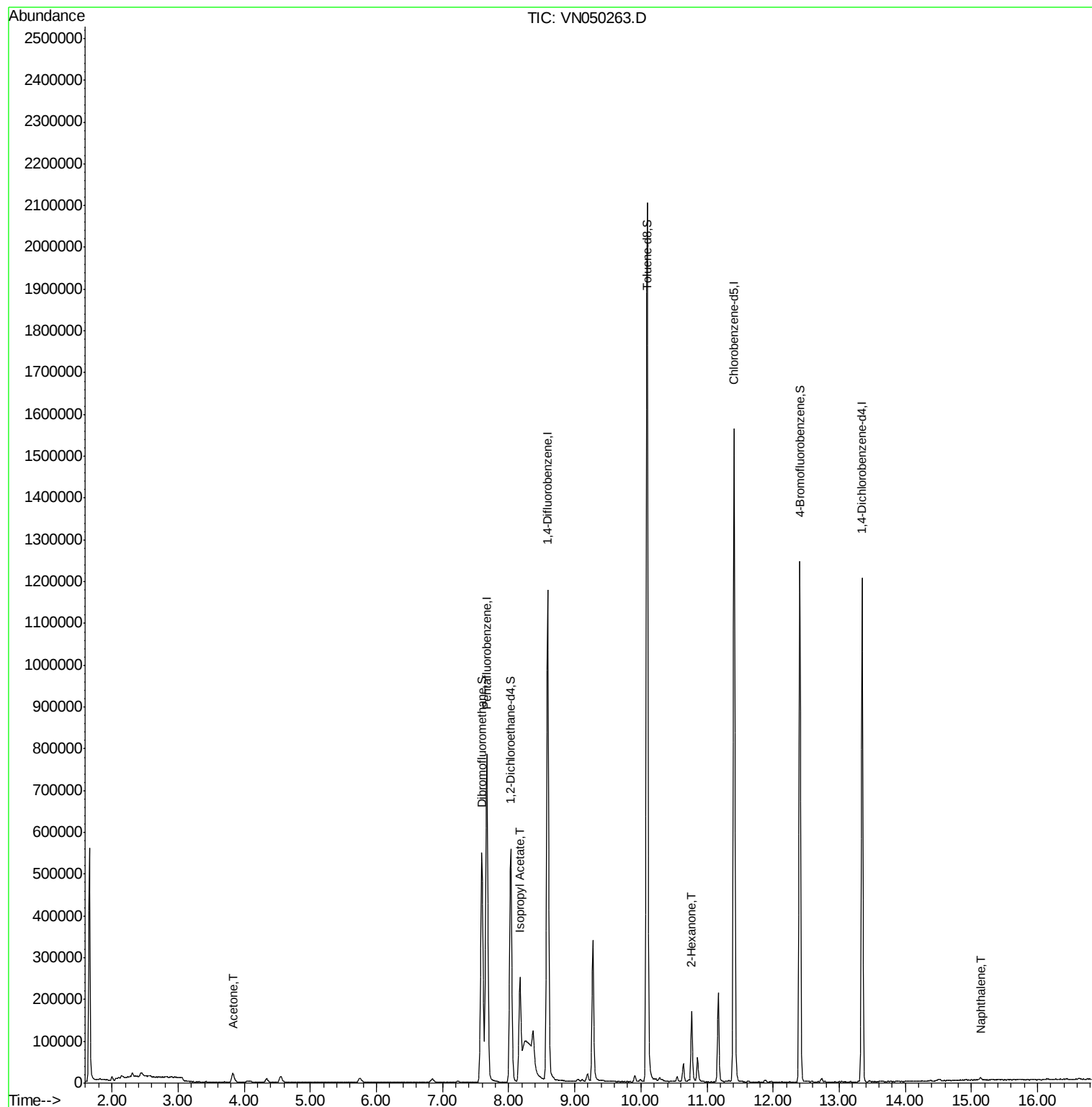
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	681300	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1112851	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	947119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	343011	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	479809	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
35) Dibromofluoromethane	7.60	113	422501	46.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.00%	
50) Toluene-d8	10.09	98	1516115	45.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.78%	
62) 4-Bromofluorobenzene	12.40	95	419146	38.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.22%	
Target Compounds						
16) Acetone	3.82	43	37119	12.452	ug/l	100
43) Isopropyl Acetate	8.17	43	311942	18.212	ug/l	98
59) 2-Hexanone	10.77	43	25093	9.066	ug/l #	57
95) Naphthalene	15.14	128	6023	4.766	ug/l #	90

(#) = 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

Lab File: VN050263.D

Acq: 2 Aug 2018 14:54

Instrument :

MSVOA_N

ClientSampleId :

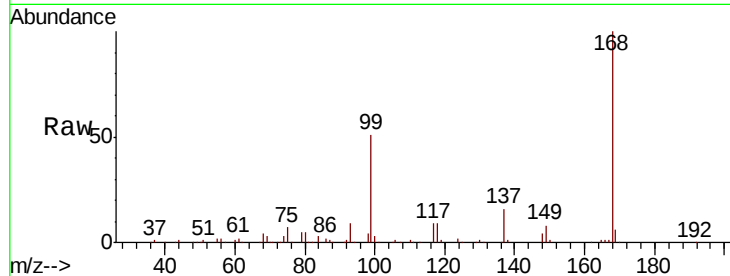
PB111674ZHE#01

Tot Ion:168 Resp: 681300

Ion Ratio Lower Upper

168 100

99 50.8 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

300000

250000

200000

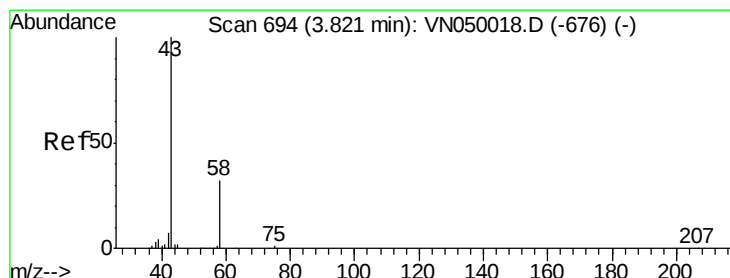
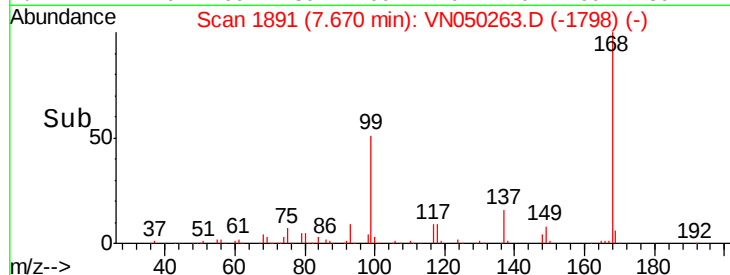
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 12.452 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050263.D

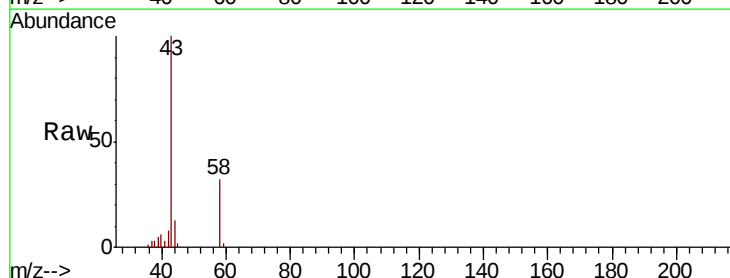
Acq: 2 Aug 2018 14:54

Tgt Ion: 43 Resp: 37119

Ion Ratio Lower Upper

43 100

58 32.2 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

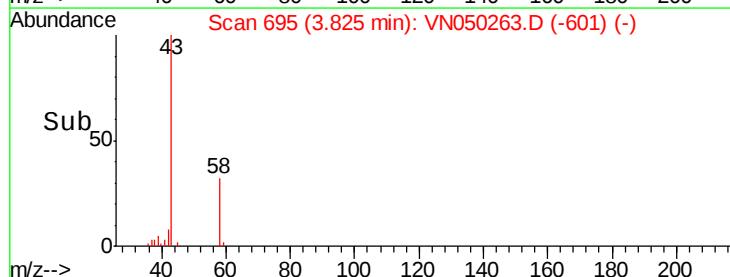
15000

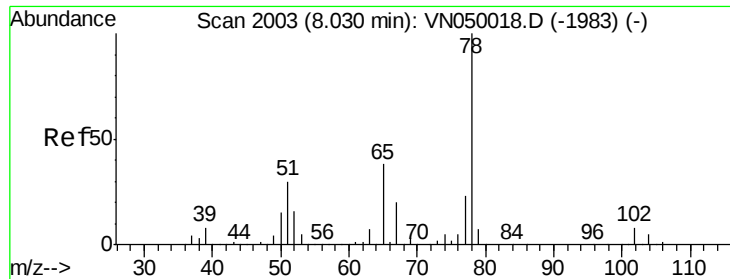
10000

5000

0

Time--> 3.80 3.90

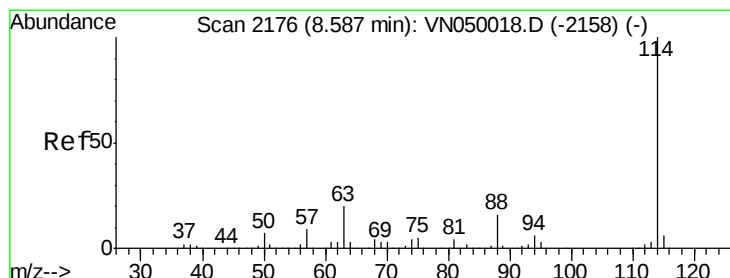
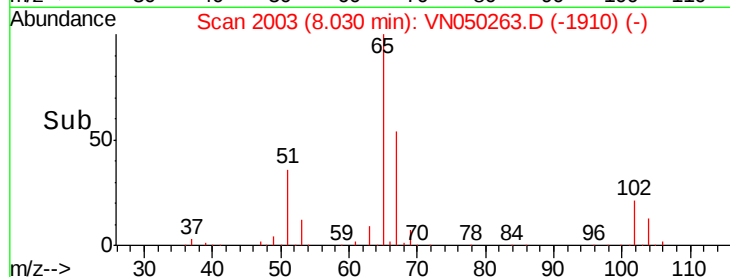
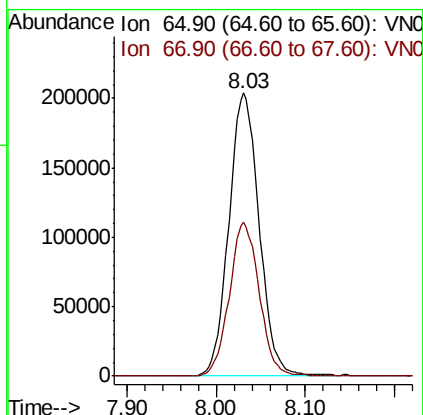
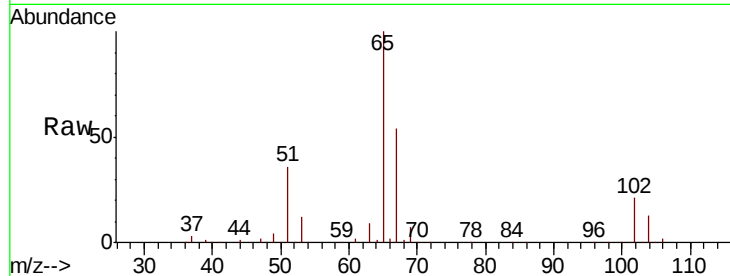




#33
 1,2-Dichloroethane-d4
 Concen: 50.476 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050263.D
 Acq: 2 Aug 2018 14:54

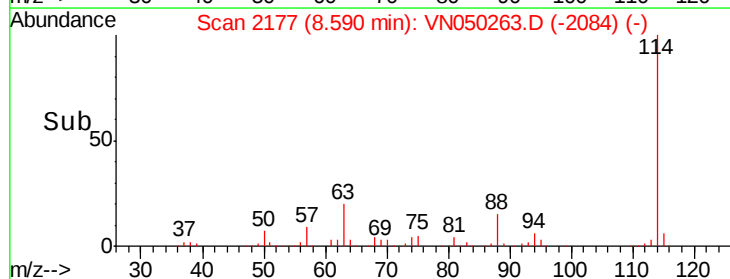
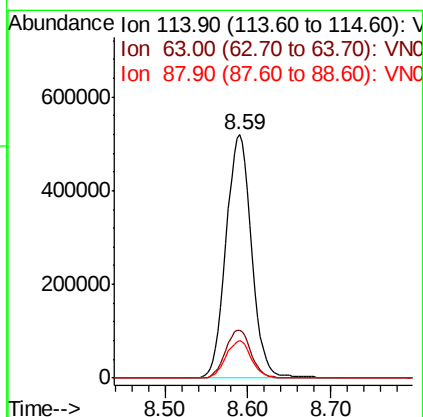
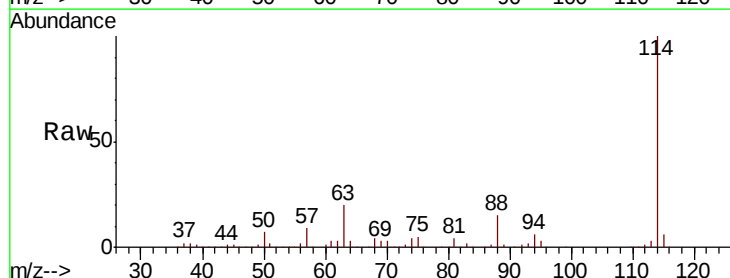
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111674ZHE#01

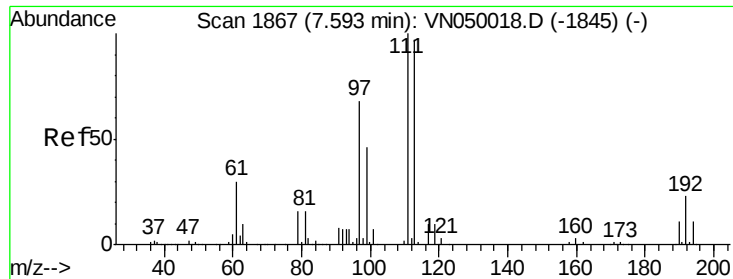
Tot Ion: 65 Resp: 479809
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050263.D
 Acq: 2 Aug 2018 14:54

Tgt Ion: 114 Resp: 1112851
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.3 0.0 31.2

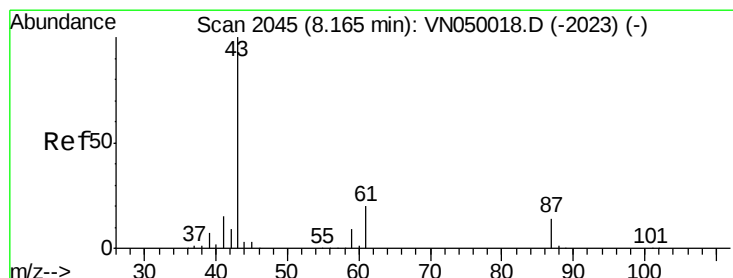
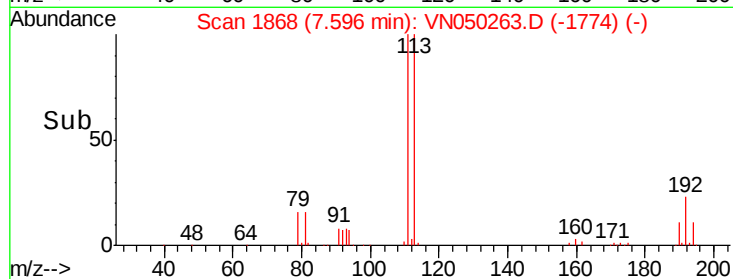
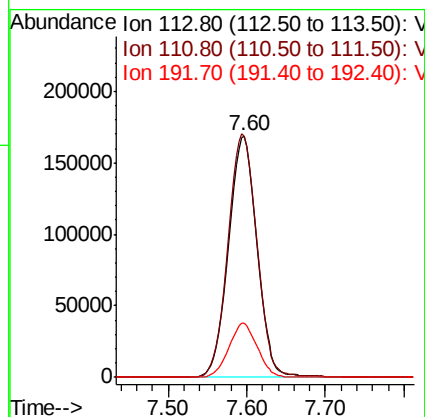
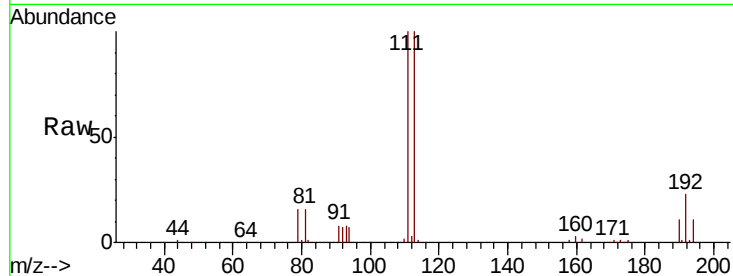




#35
 Dibromofluoromethane
 Concen: 46.500 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN050263.D
 Acq: 2 Aug 2018 14:54

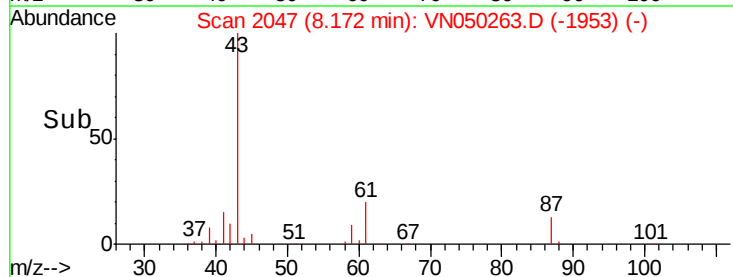
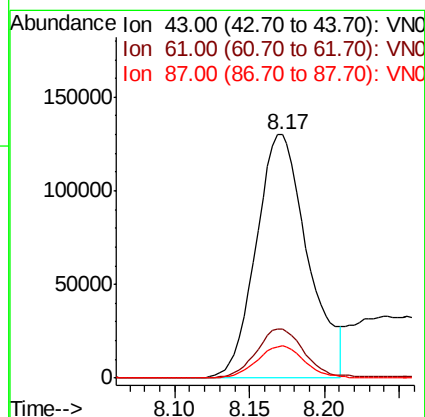
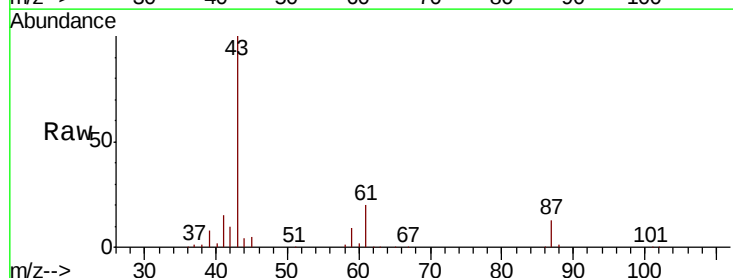
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111674ZHE#01

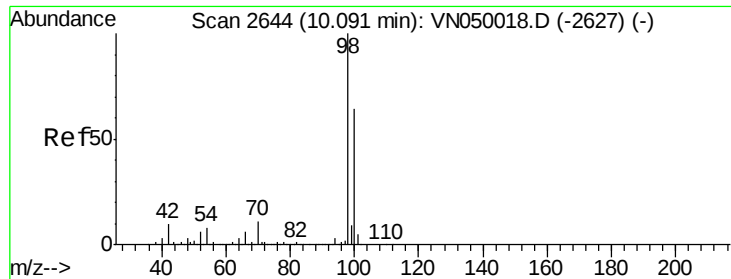
Tot Ion:113 Resp: 422501
 Ion Ratio Lower Upper
 113 100
 111 102.5 80.7 121.1
 192 22.3 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 18.212 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN050263.D
 Acq: 2 Aug 2018 14:54

Tgt Ion: 43 Resp: 311942
 Ion Ratio Lower Upper
 43 100
 61 19.0 15.8 23.6
 87 12.3 10.3 15.5

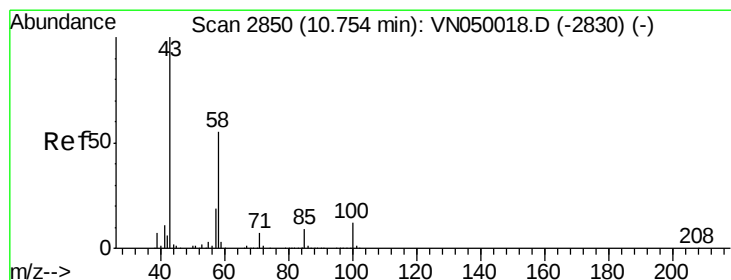
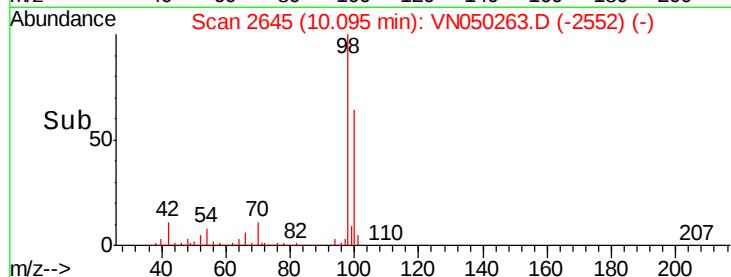
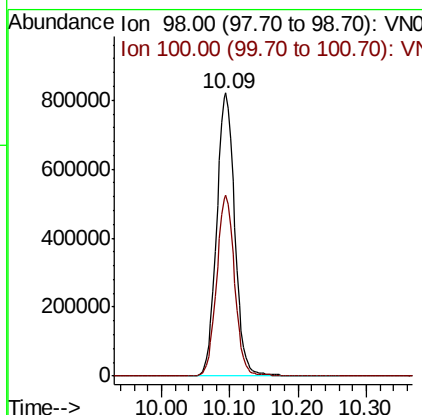
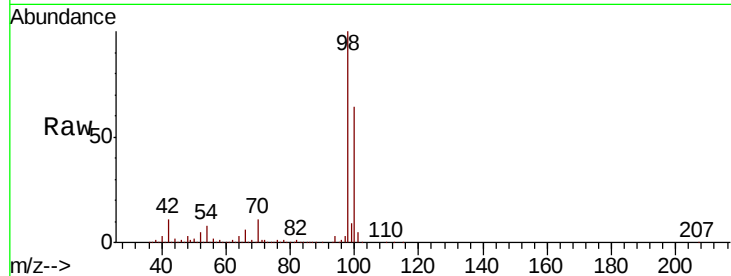




#50
Toluene-d8
Concen: 45.387 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050263.D
Acq: 2 Aug 2018 14:54

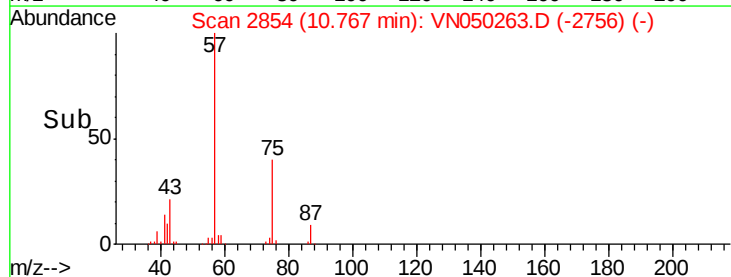
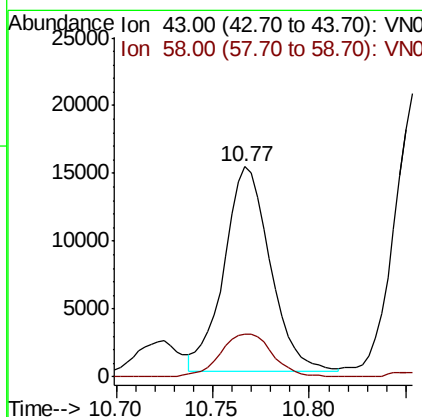
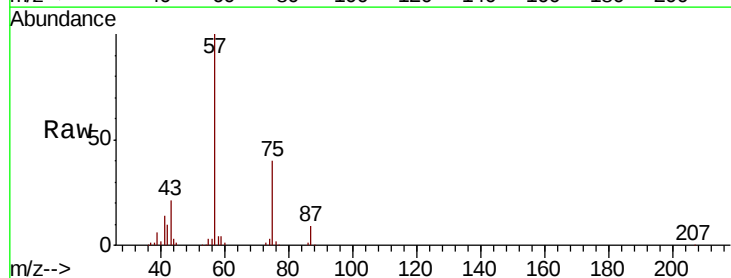
Instrument :
MSVOA_N
ClientSampleId :
PB111674ZHE#01

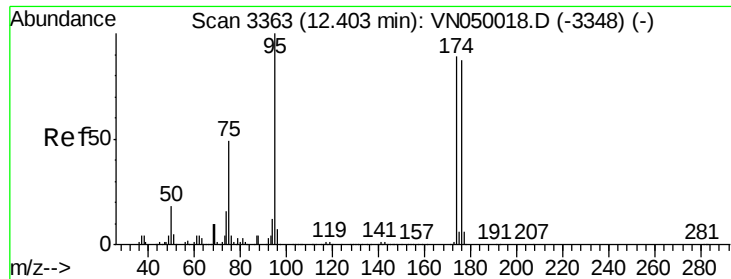
Tot Ion: 98 Resp: 1516115
Ion Ratio Lower Upper
98 100
100 63.3 50.7 76.1



#59
2-Hexanone
Concen: 9.066 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050263.D
Acq: 2 Aug 2018 14:54

Tgt Ion: 43 Resp: 25093
Ion Ratio Lower Upper
43 100
58 23.7 27.6 82.7#





#62

4-Bromofluorobenzene

Concen: 38.107 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050263.D

Acq: 2 Aug 2018 14:54

Instrument :

MSVOA_N

ClientSampleId :

PB111674ZHE#01

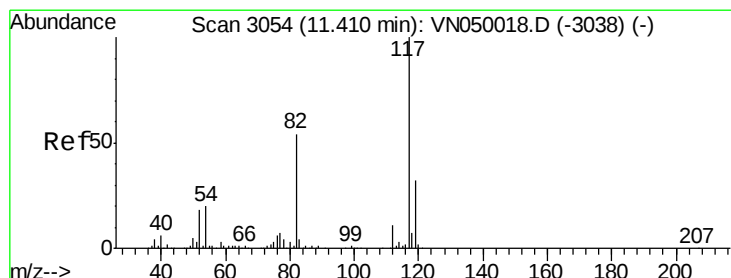
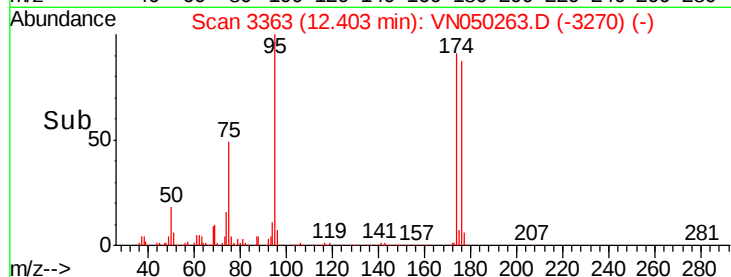
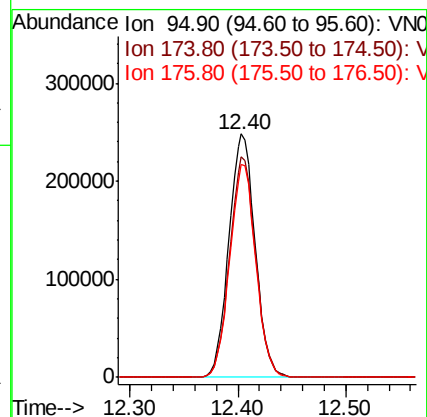
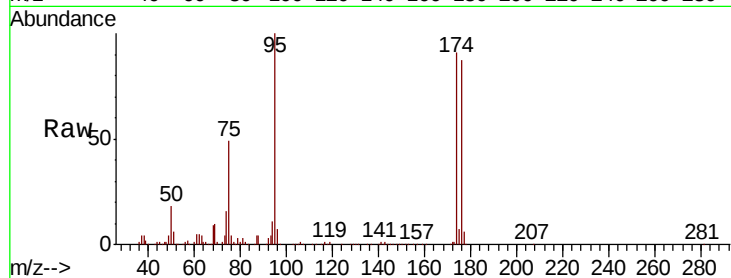
Tot Ion: 95 Resp: 419146

Ion Ratio Lower Upper

95 100

174 90.0 0.0 178.2

176 87.0 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: VN050263.D

Acq: 2 Aug 2018 14:54

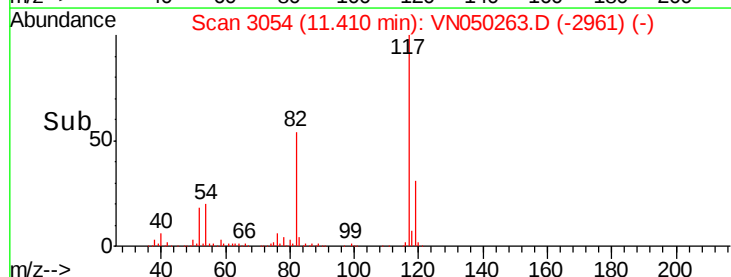
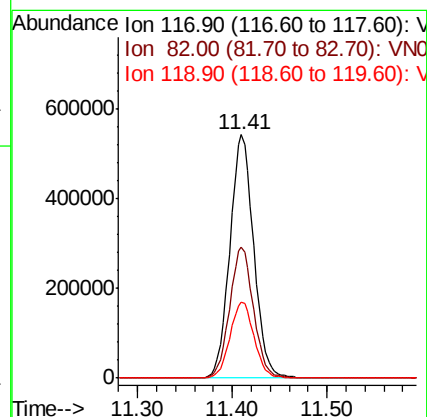
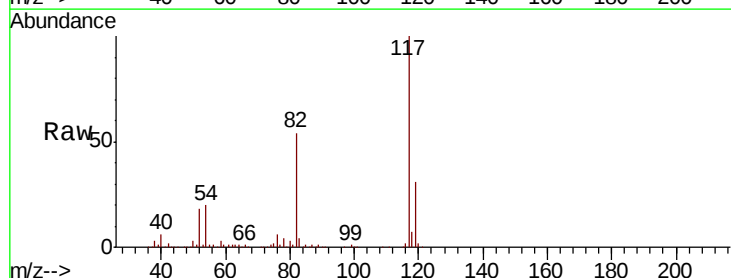
Tgt Ion: 117 Resp: 947119

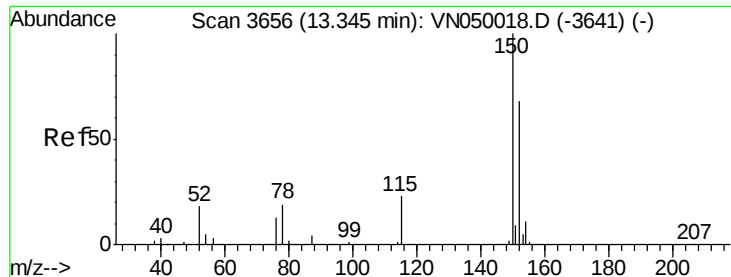
Ion Ratio Lower Upper

117 100

82 54.1 43.7 65.5

119 31.3 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: VN050263.D

Acq: 2 Aug 2018 14:54

Instrument :

MSVOA_N

ClientSampleId :

PB111674ZHE#01

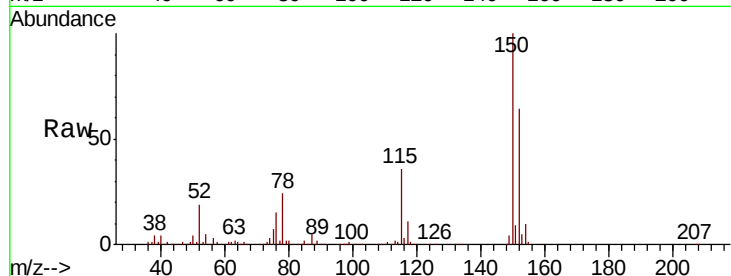
Tot Ion:152 Resp: 343011

Ion Ratio Lower Upper

152 100

115 56.3 27.8 83.3

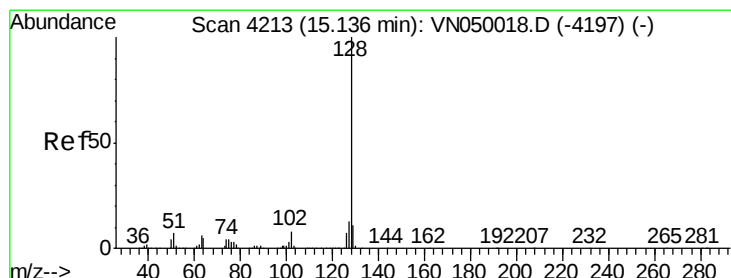
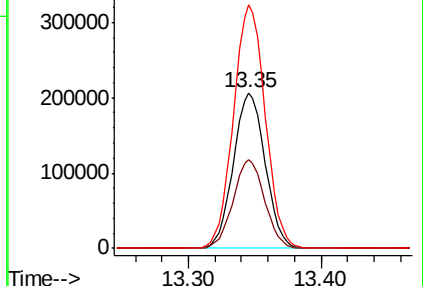
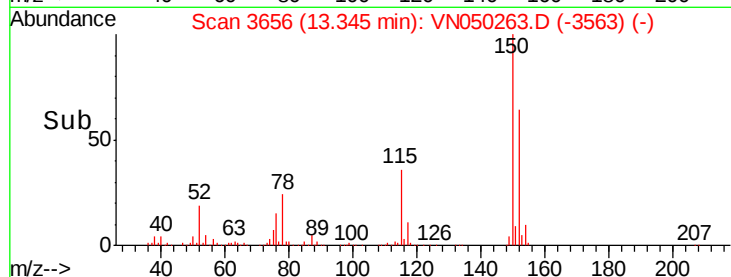
150 156.4 0.0 348.6



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: 4.766 ug/l

RT: 15.14 min Scan# 4214

Delta R.T. 0.00 min

Lab File: VN050263.D

Acq: 2 Aug 2018 14:54

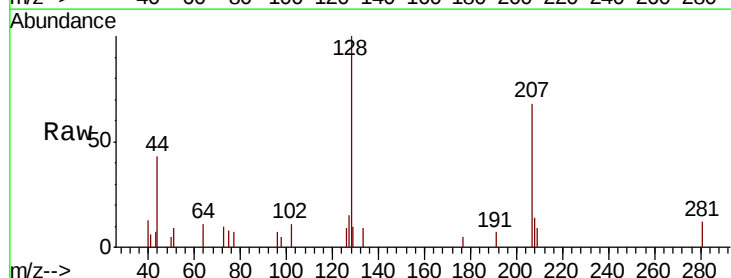
Tgt Ion:128 Resp: 6023

Ion Ratio Lower Upper

128 100

127 14.5 10.4 15.6

129 4.7 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

