

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080318\
 Data File : VN050346.D
 Acq On : 4 Aug 2018 5:54
 Operator : MD\SY
 Sample : J4313-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 C-9

Quant Time: Aug 04 06:45:45 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	634114	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1065140	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	929974	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	407411	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	454053	51.32	ug/l	0.00
Spiked Amount						
			Recovery	=	102.64%	
35) Dibromofluoromethane	7.59	113	396494	45.59	ug/l	0.00
Spiked Amount						
			Recovery	=	91.18%	
50) Toluene-d8	10.09	98	1461827	45.72	ug/l	0.00
Spiked Amount						
			Recovery	=	91.44%	
62) 4-Bromofluorobenzene	12.40	95	437683	41.57	ug/l	0.00
Spiked Amount						
			Recovery	=	83.14%	

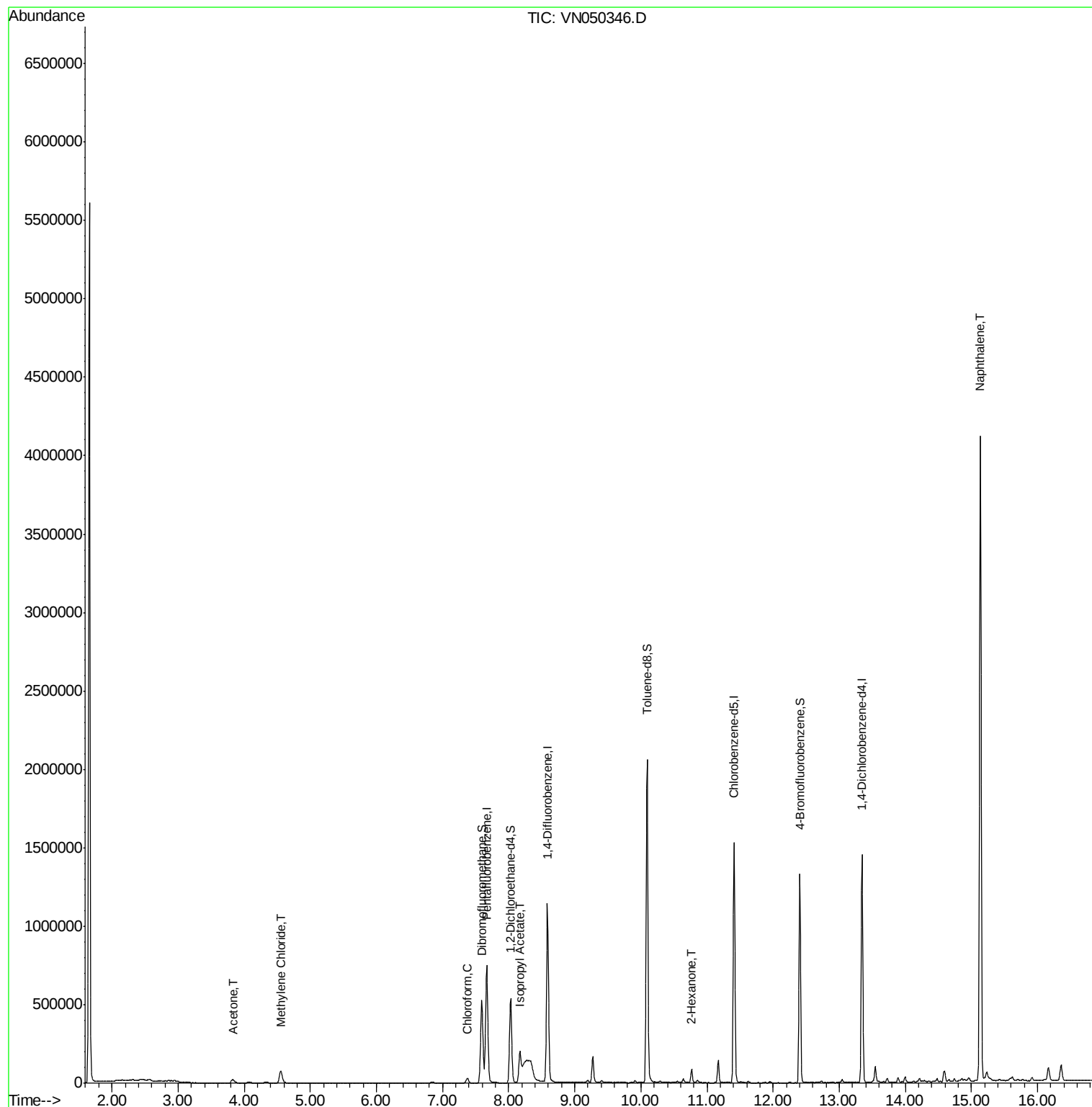
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	41397	15.80	ug/l	97
20) Methylene Chloride	4.55	84	59705	6.52	ug/l	97
30) Chloroform	7.37	83	30736	2.05	ug/l	97
43) Isopropyl Acetate	8.17	43	255964	15.45	ug/l	94
59) 2-Hexanone	10.77	43	11176	6.99	ug/l	65
95) Naphthalene	15.14	128	3561739	178.94	ug/l	100

(#) = 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: VN050346.D

Acq: 4 Aug 2018 5:54

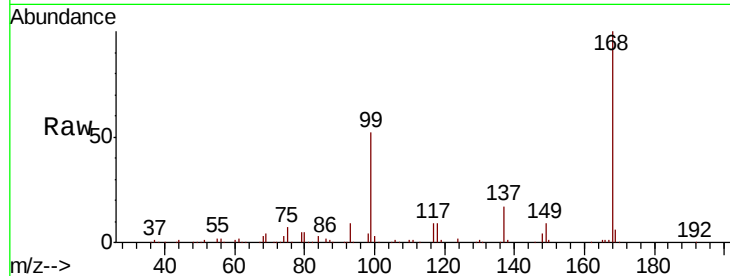
Instrument :
MSVOA_N
ClientSampled :
C-9

Tot Ion:168 Resp: 634114

Ion Ratio Lower Upper

168 100

99 52.2 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

250000

200000

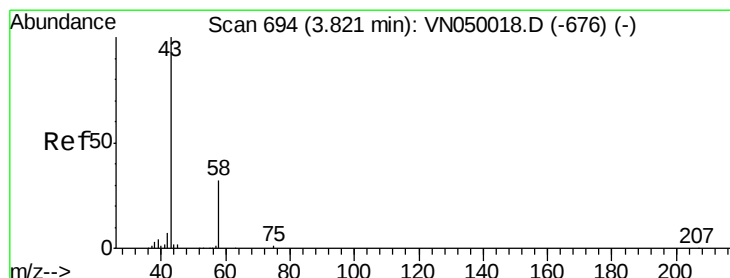
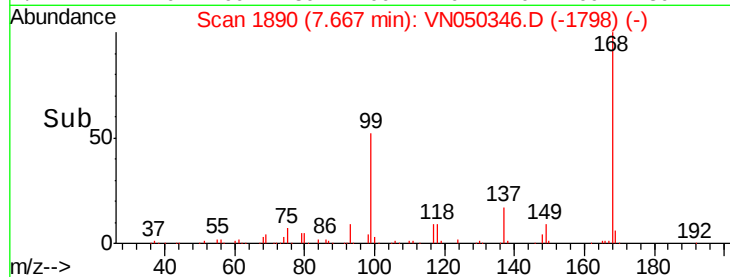
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 15.80 ug/l

RT: 3.82 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN050346.D

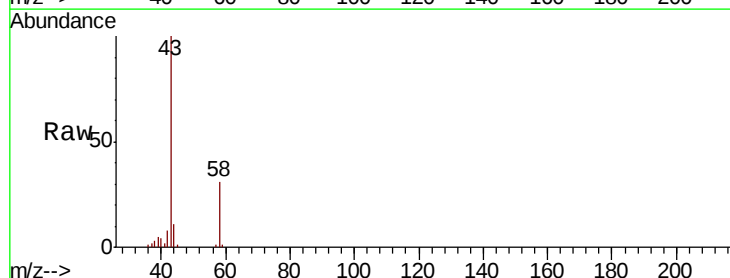
Acq: 4 Aug 2018 5:54

Tgt Ion: 43 Resp: 41397

Ion Ratio Lower Upper

43 100

58 30.9 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

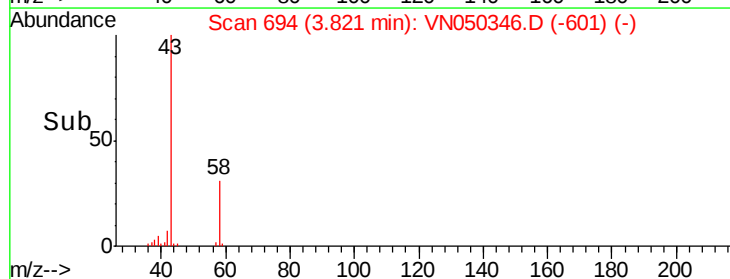
15000

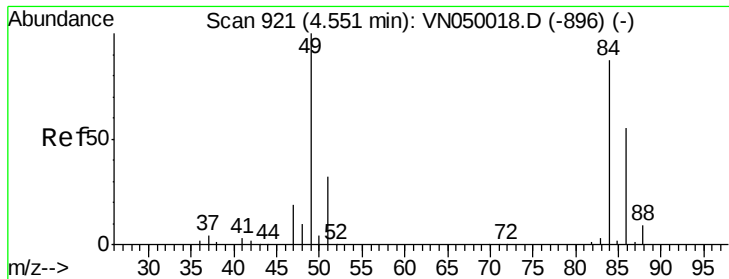
10000

5000

0

Time-->

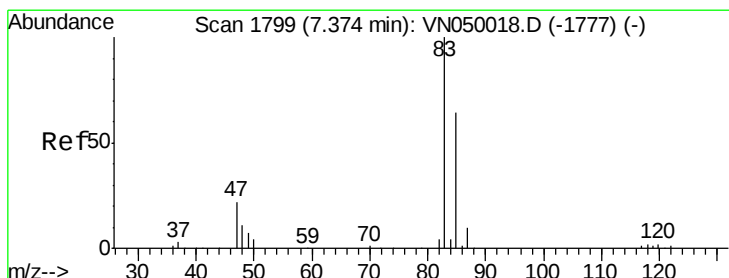
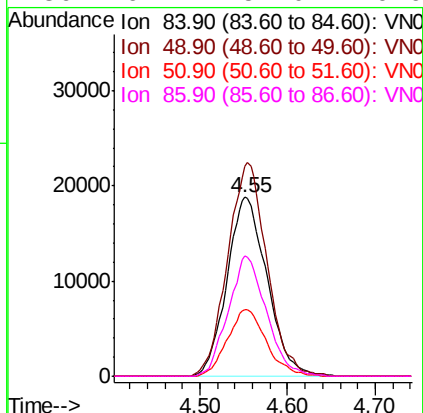
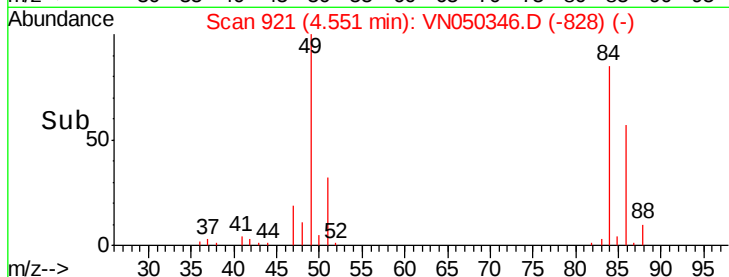
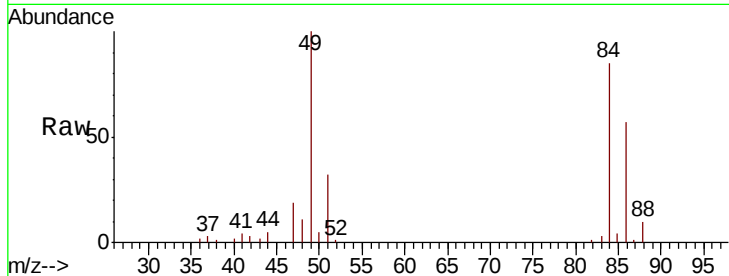




#20
Methylene Chloride
Concen: 6.52 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050346.D
Acq: 4 Aug 2018 5:54

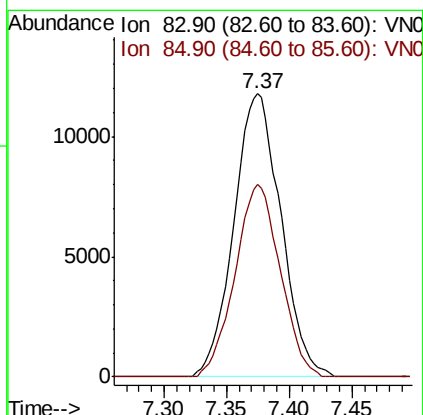
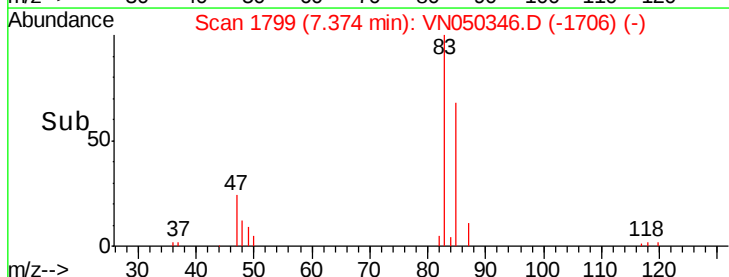
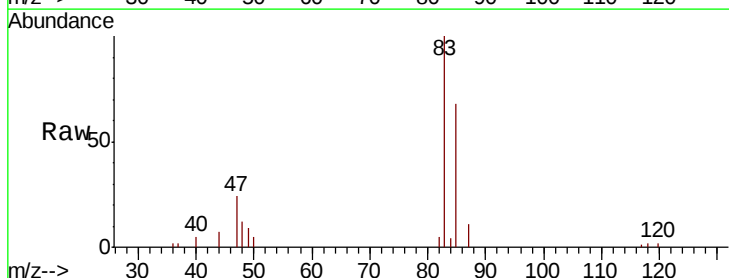
Instrument :
MSVOA_N
ClientSampleId :
C-9

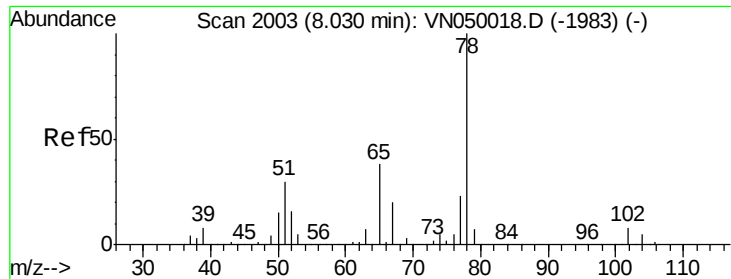
Tot Ion: 84 Resp: 59705
Ion Ratio Lower Upper
84 100
49 117.2 94.8 142.2
51 37.3 28.3 42.5
86 67.4 51.0 76.6



#30
Chloroform
Concen: 2.05 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. 0.00 min
Lab File: VN050346.D
Acq: 4 Aug 2018 5:54

Tgt Ion: 83 Resp: 30736
Ion Ratio Lower Upper
83 100
85 68.0 52.5 78.7





#33

1,2-Dichloroethane-d4

Concen: 51.32 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050346.D

Acq: 4 Aug 2018 5:54

Instrument :

MSVOA_N

ClientSampleId :

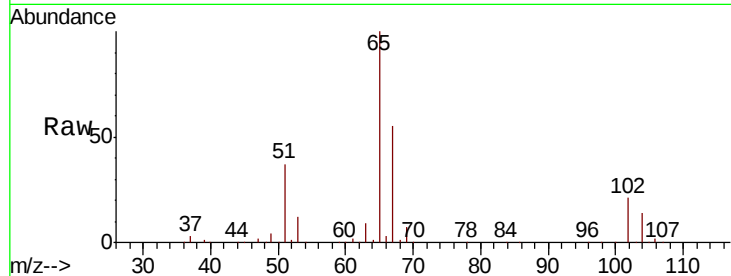
C-9

Tot Ion: 65 Resp: 454053

Ion Ratio Lower Upper

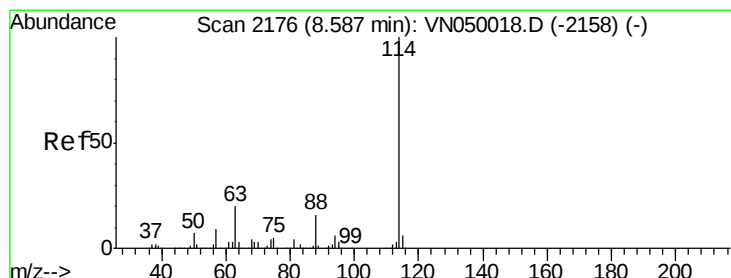
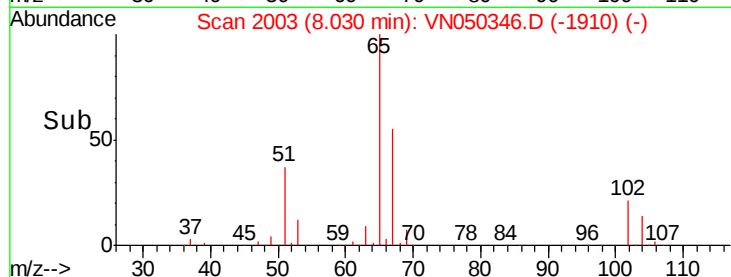
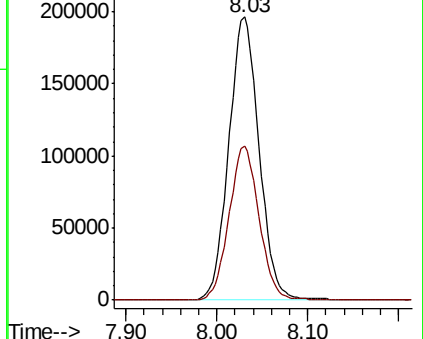
65 100

67 54.2 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN050346.D

Acq: 4 Aug 2018 5:54

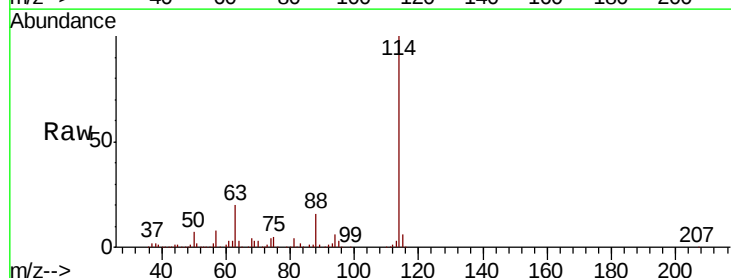
Tgt Ion: 114 Resp: 1065140

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

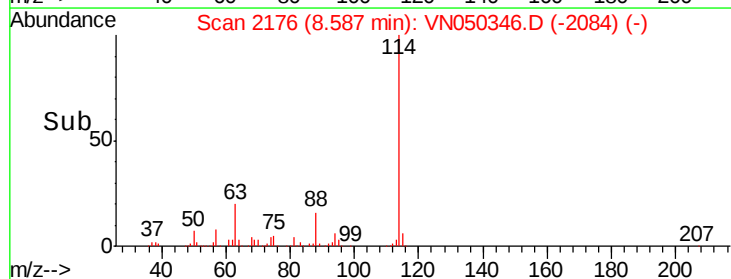
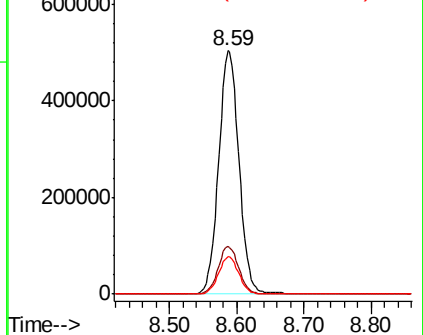
88 15.5 0.0 31.2

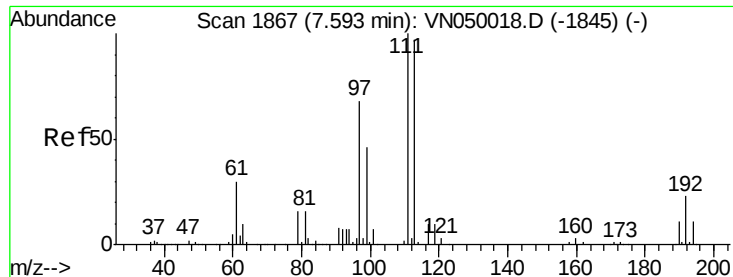


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

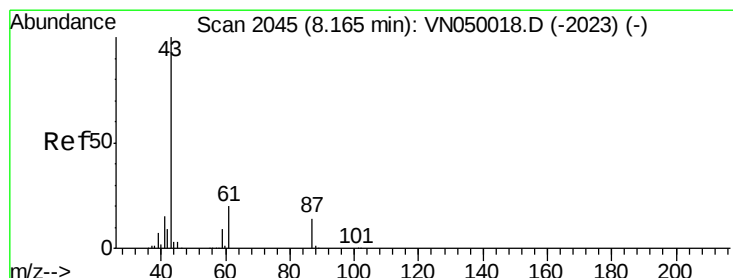
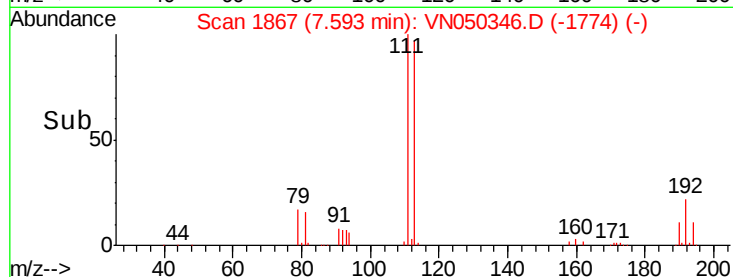
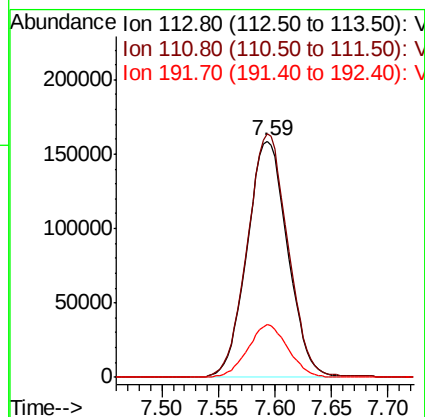
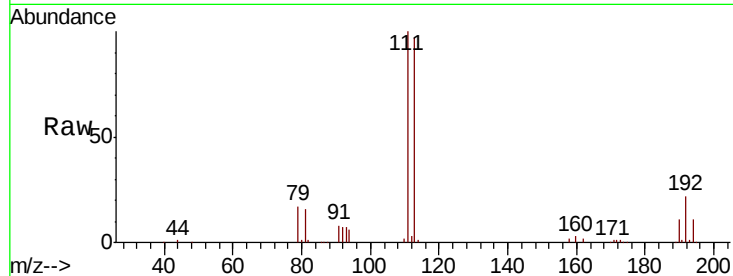




#35
 Dibromofluoromethane
 Concen: 45.59 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050346.D
 Acq: 4 Aug 2018 5:54

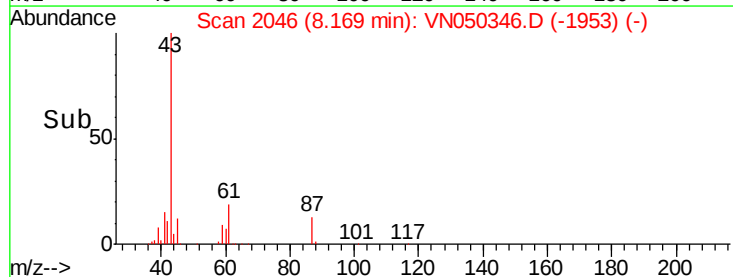
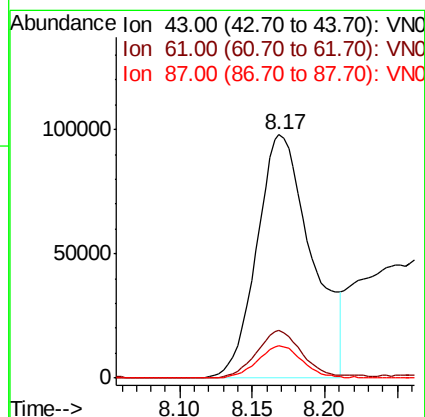
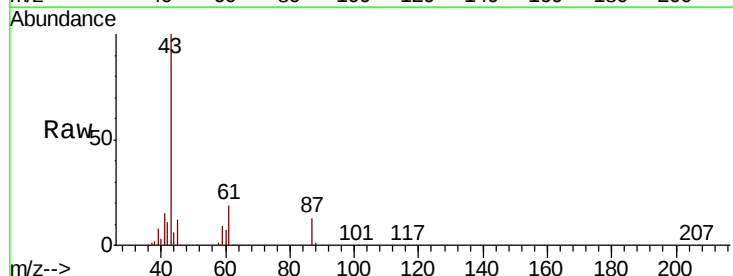
Instrument :
 MSVOA_N
 ClientSampleId :
 C-9

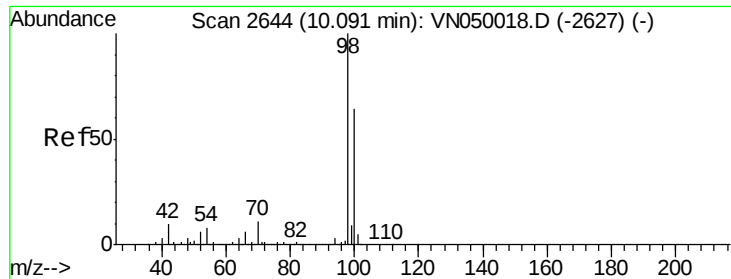
Tot Ion:113 Resp: 396494
 Ion Ratio Lower Upper
 113 100
 111 103.5 80.7 121.1
 192 22.0 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 15.45 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050346.D
 Acq: 4 Aug 2018 5:54

Tgt Ion: 43 Resp: 255964
 Ion Ratio Lower Upper
 43 100
 61 16.4 15.8 23.6
 87 11.0 10.3 15.5

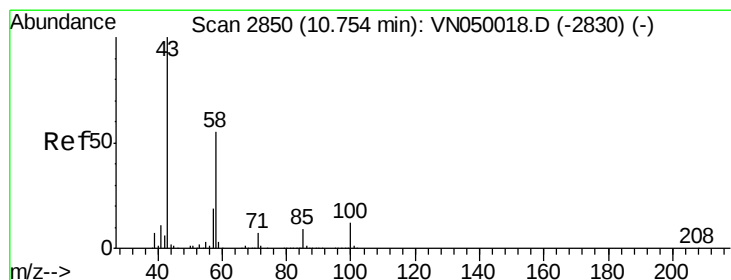
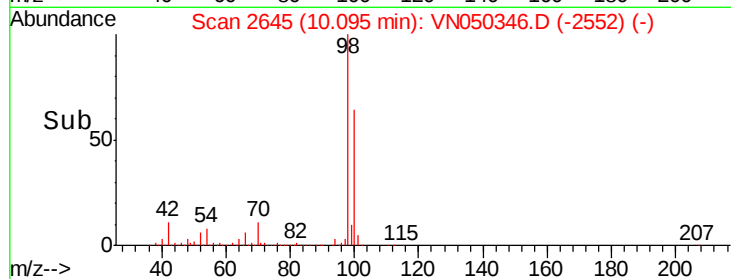
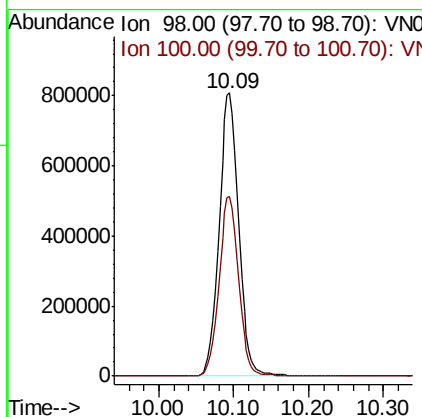
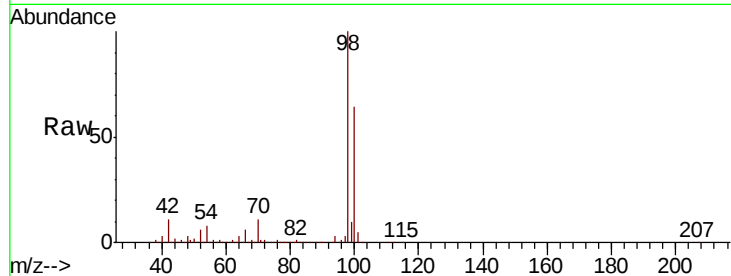




#50
Toluene-d8
Concen: 45.72 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050346.D
Acq: 4 Aug 2018 5:54

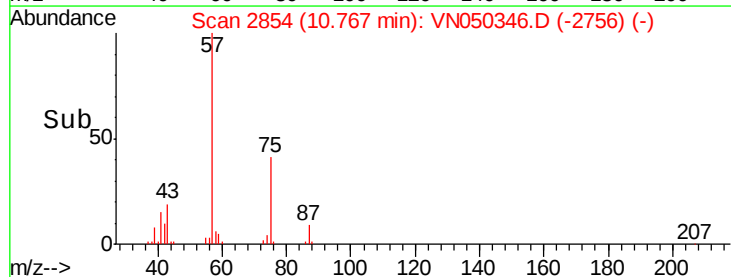
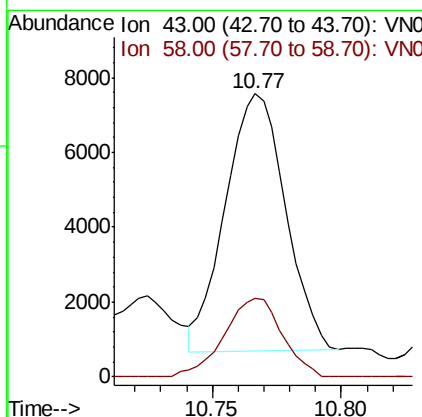
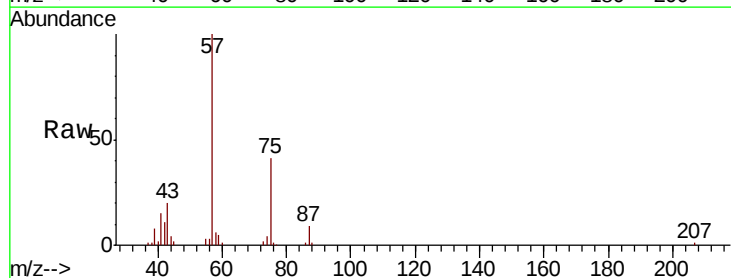
Instrument :
MSVOA_N
ClientSampled :
C-9

Tot Ion: 98 Resp: 1461827
Ion Ratio Lower Upper
98 100
100 63.5 50.7 76.1



#59
2-Hexanone
Concen: 6.99 ug/l
RT: 10.77 min Scan# 2854
Delta R.T. 0.01 min
Lab File: VN050346.D
Acq: 4 Aug 2018 5:54

Tgt Ion: 43 Resp: 11176
Ion Ratio Lower Upper
43 100
58 29.5 27.6 82.7

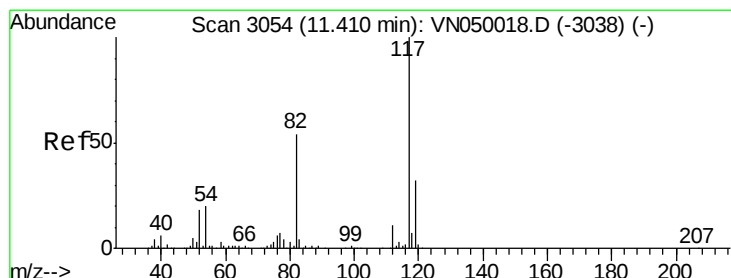
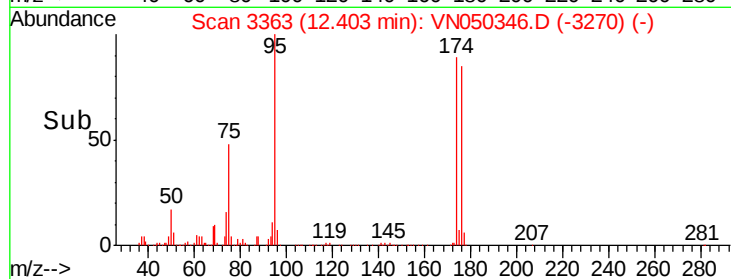
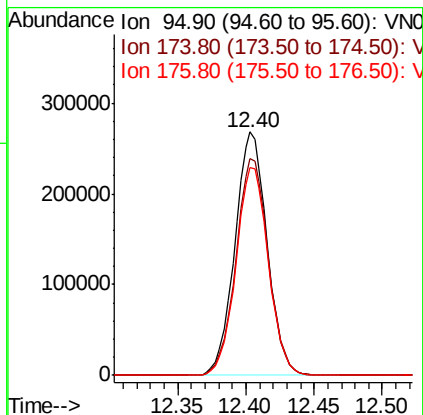
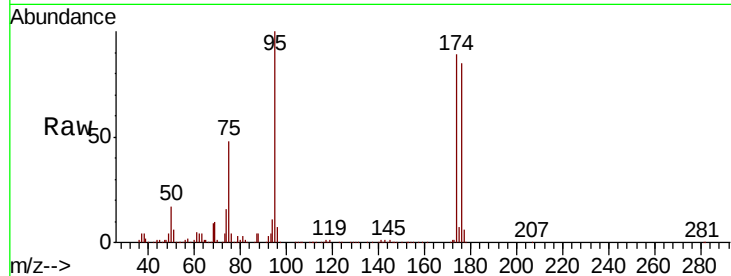




#62
4-Bromofluorobenzene
Concen: 41.57 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050346.D
Acq: 4 Aug 2018 5:54

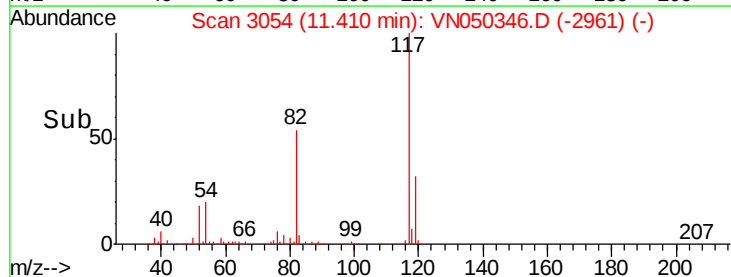
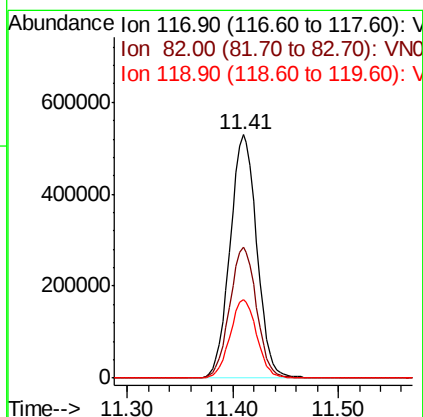
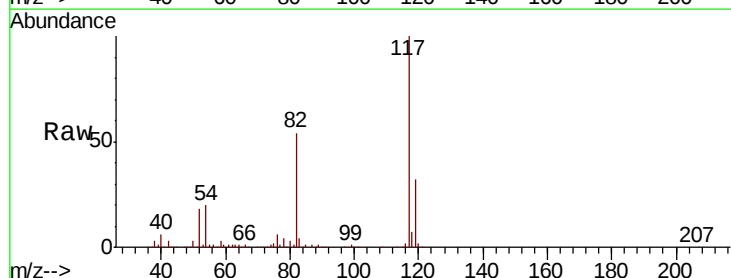
Instrument :
MSVOA_N
ClientSampleId :
C-9

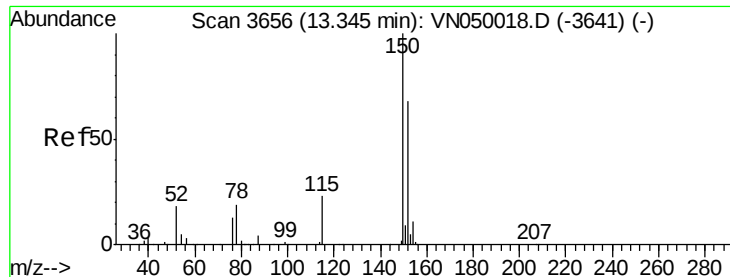
Tot Ion: 95 Resp: 437683
Ion Ratio Lower Upper
95 100
174 89.9 0.0 178.2
176 86.0 0.0 173.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050346.D
Acq: 4 Aug 2018 5:54

Tgt Ion: 117 Resp: 929974
Ion Ratio Lower Upper
117 100
82 53.7 43.7 65.5
119 32.4 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: VN050346.D

Acq: 4 Aug 2018 5:54

Instrument :

MSVOA_N

ClientSampled :

C-9

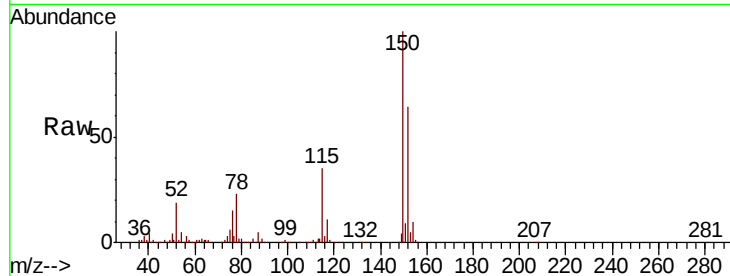
Tot Ion:152 Resp: 407411

Ion Ratio Lower Upper

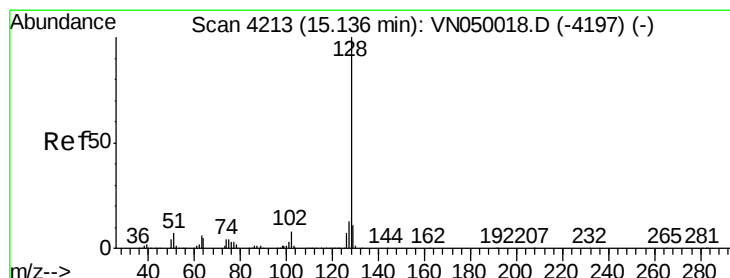
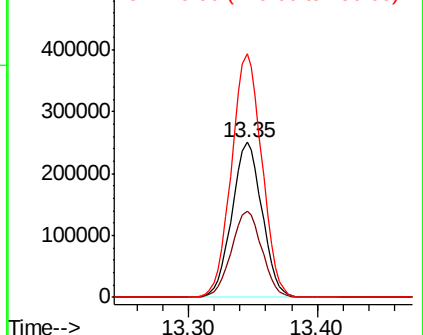
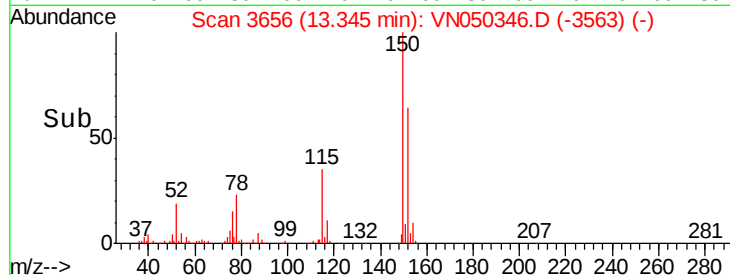
152 100

115 56.0 27.8 83.3

150 157.9 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: 178.94 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050346.D

Acq: 4 Aug 2018 5:54

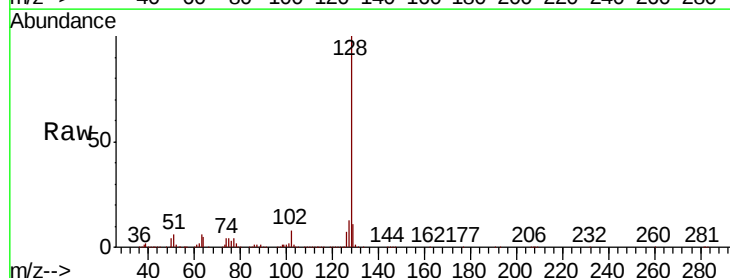
Tgt Ion:128 Resp: 3561739

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

129 11.0 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

