

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080418\
 Data File : VN050366.D
 Acq On : 4 Aug 2018 14:57
 Operator : MD\SY
 Sample : J4328-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-03

Quant Time: Aug 10 09:02:47 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

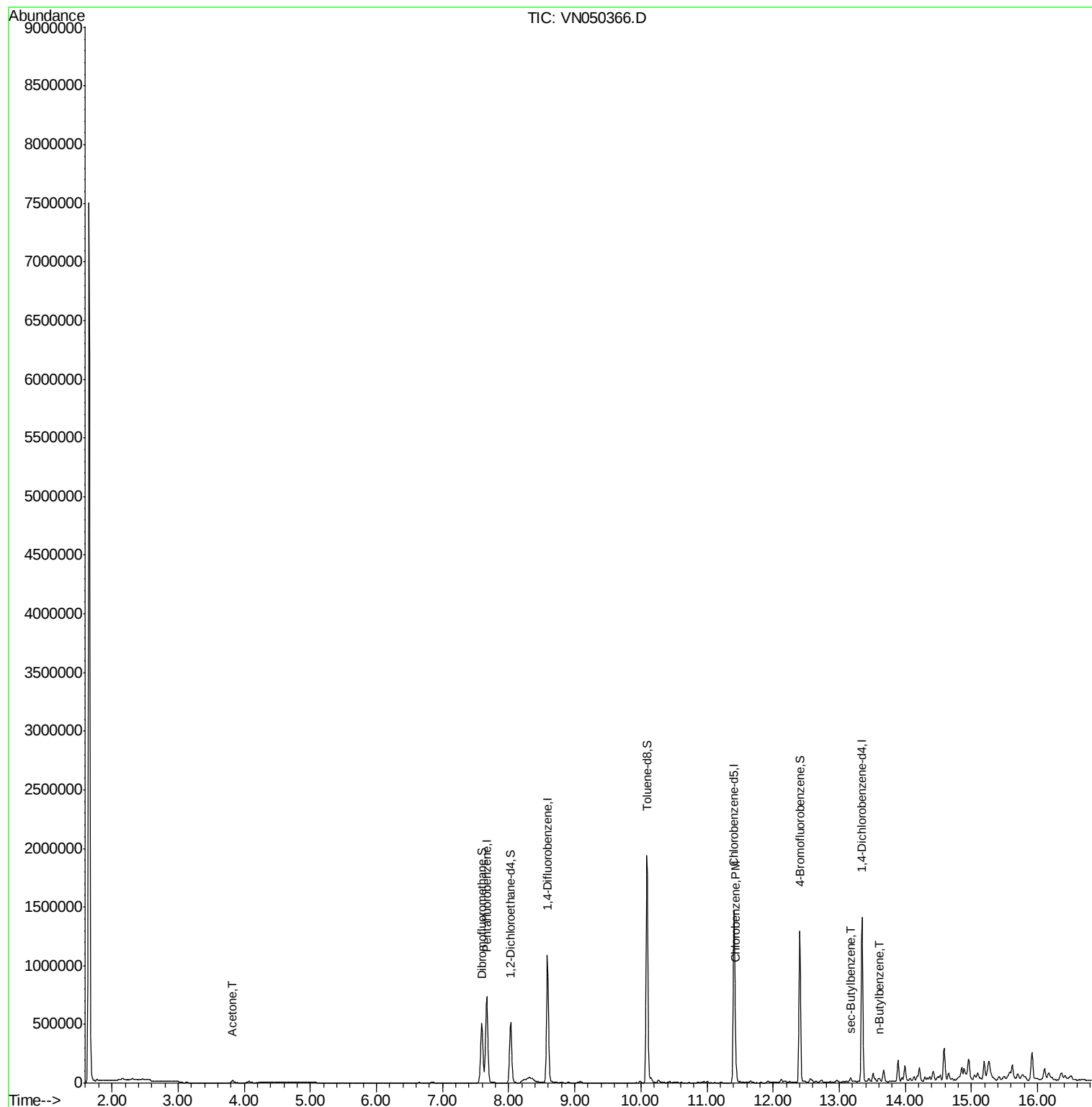
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	632714	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1000562	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	878039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	395558	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	432941	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
35) Dibromofluoromethane	7.59	113	385586	47.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.40%	
50) Toluene-d8	10.09	98	1404951	46.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.56%	
62) 4-Bromofluorobenzene	12.40	95	430515	43.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.06%	
Target Compounds						
16) Acetone	3.82	43	35474	12.94	ug/l	99
65) Chlorobenzene	11.44	112	83189	3.75	ug/l	99
85) sec-Butylbenzene	13.17	105	22783	0.81	ug/l	88
89) n-Butylbenzene	13.62	91	12758	0.65	ug/l #	73

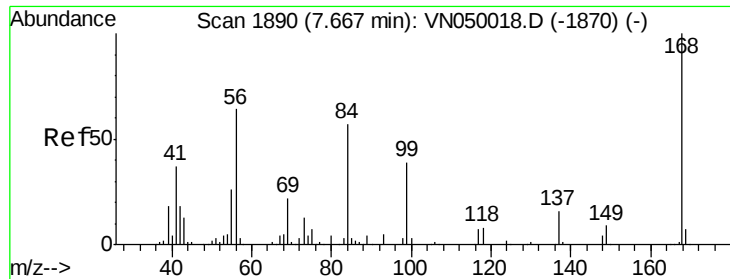
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN050366.D

Acq: 4 Aug 2018 14:57

Instrument :

MSVOA_N

ClientSampleId :

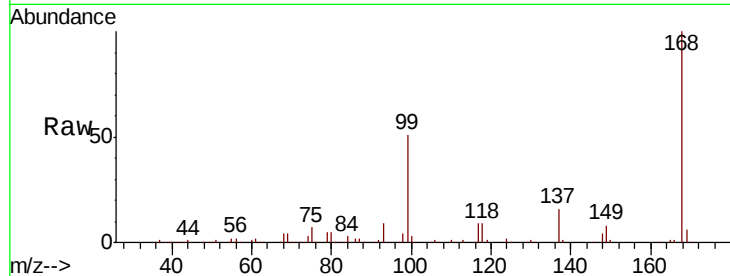
MW-03

Tot Ion:168 Resp: 632714

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): VN

7.67

250000

200000

150000

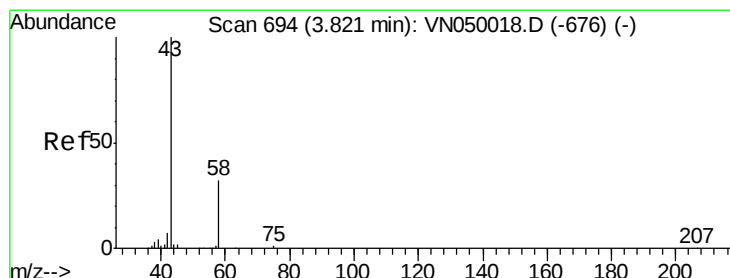
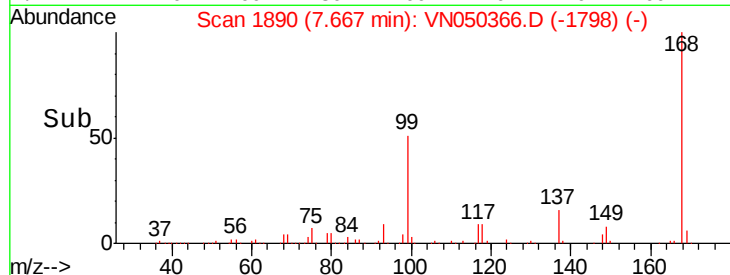
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 12.94 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050366.D

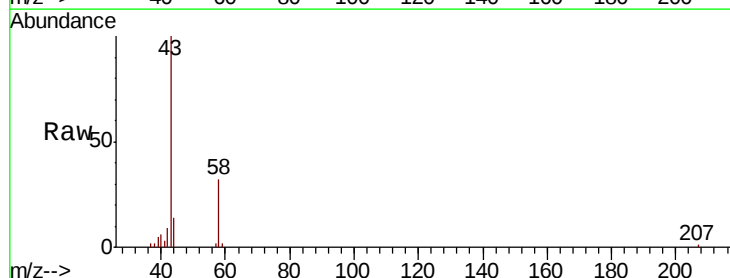
Acq: 4 Aug 2018 14:57

Tgt Ion: 43 Resp: 35474

Ion Ratio Lower Upper

43 100

58 32.0 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

15000

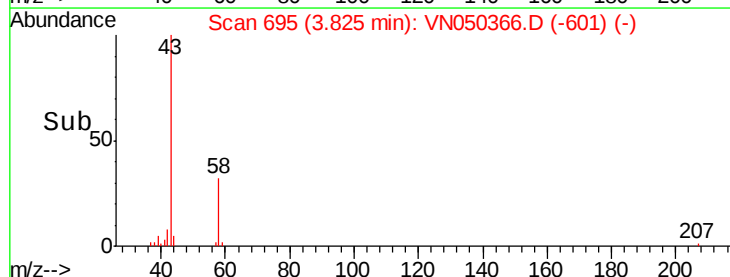
10000

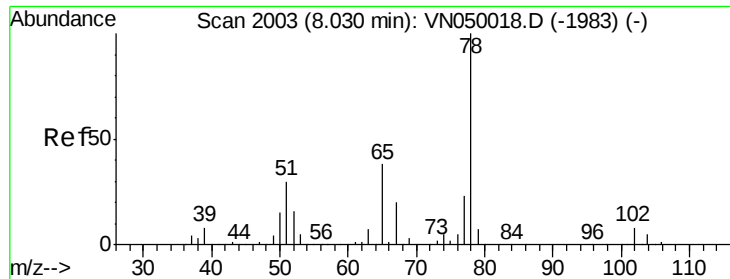
5000

0

3.70 3.75 3.80 3.85 3.90

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.04 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050366.D

Acq: 4 Aug 2018 14:57

Instrument :

MSVOA_N

ClientSampleId :

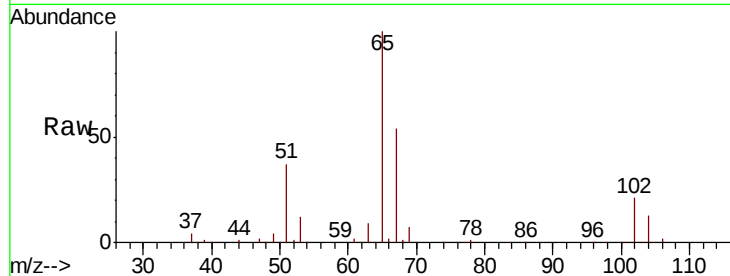
MW-03

Tot Ion: 65 Resp: 432941

Ion Ratio Lower Upper

65 100

67 54.4 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

200000

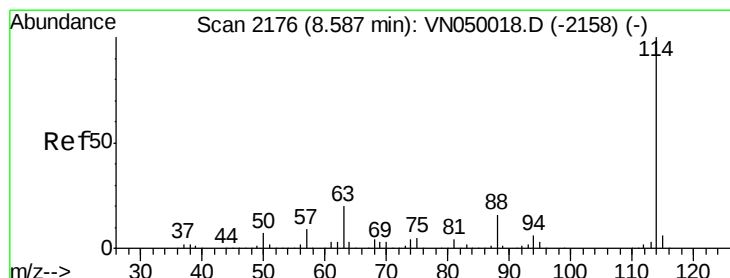
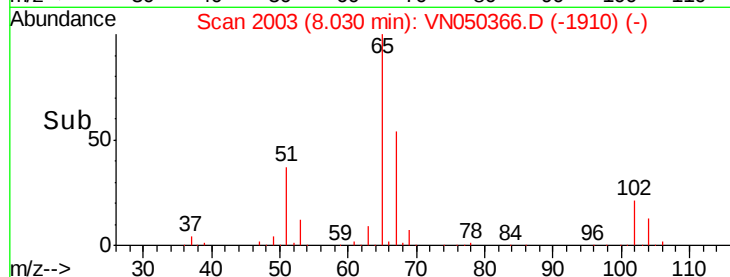
150000

100000

50000

0

Time--> 7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN050366.D

Acq: 4 Aug 2018 14:57

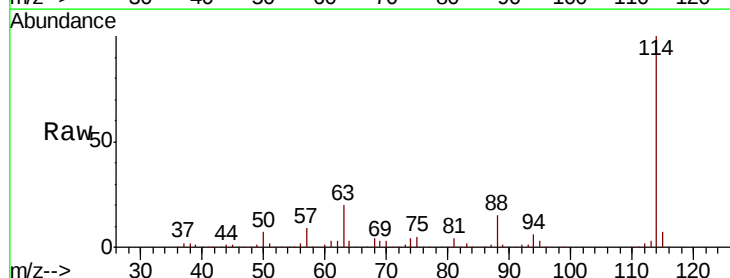
Tgt Ion:114 Resp: 1000562

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

88 15.2 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

600000

500000

400000

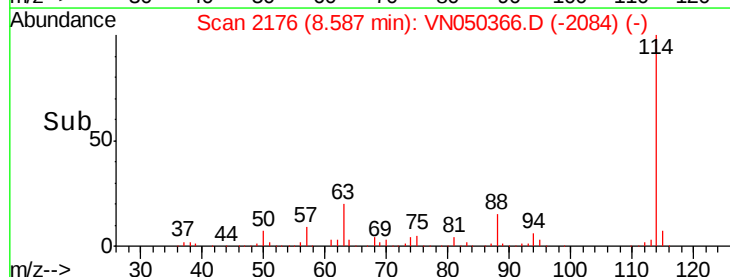
300000

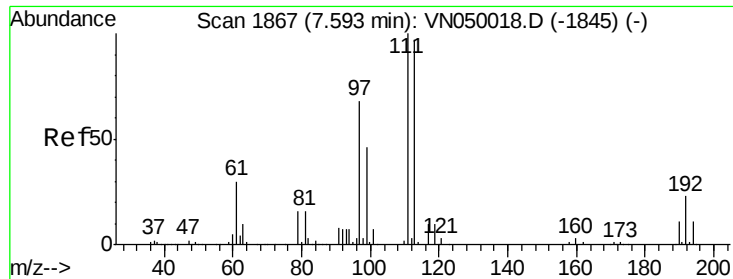
200000

100000

0

Time--> 8.50 8.60 8.70

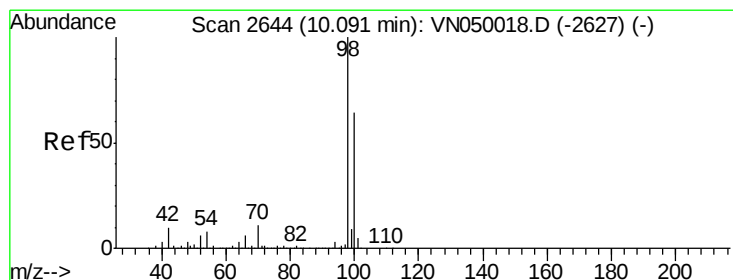
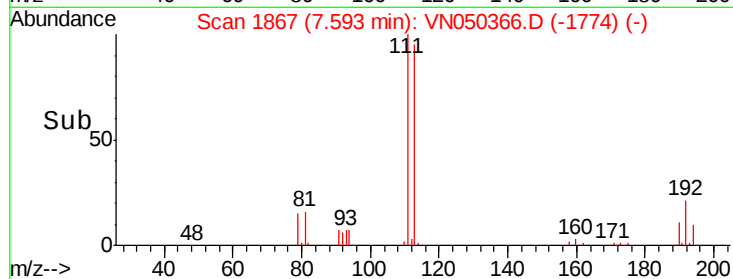
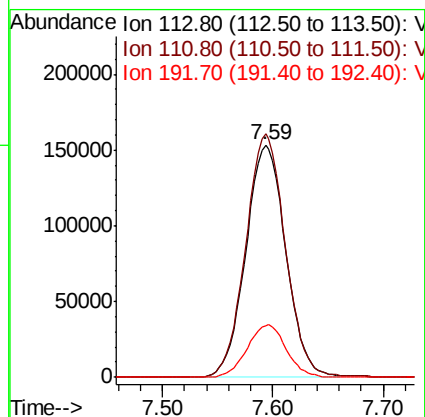
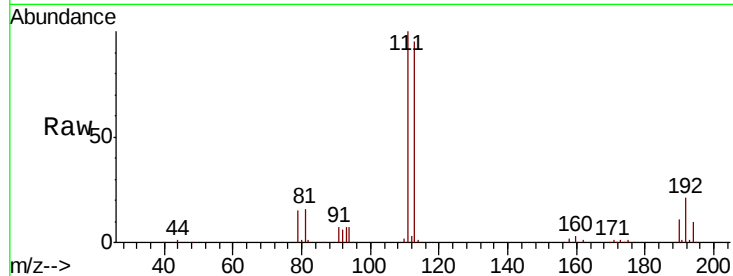




#35
Dibromofluoromethane
Concen: 47.20 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN050366.D
Acq: 4 Aug 2018 14:57

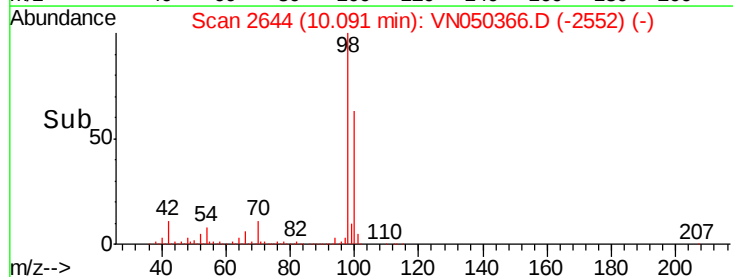
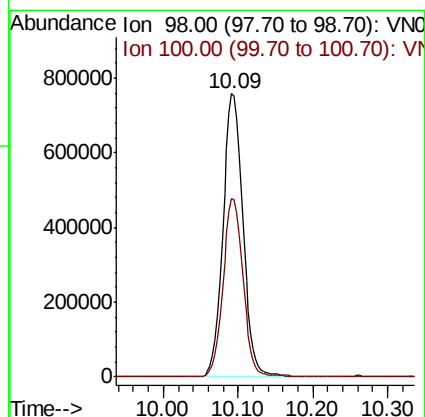
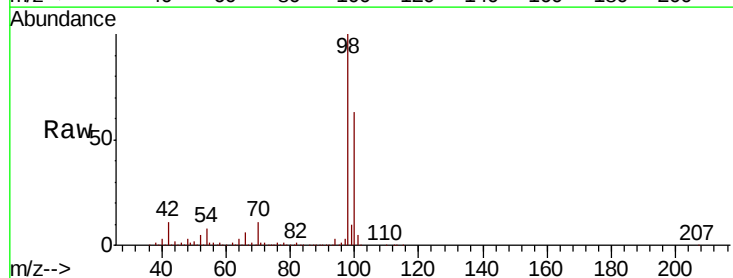
Instrument :
MSVOA_N
ClientSampleId :
MW-03

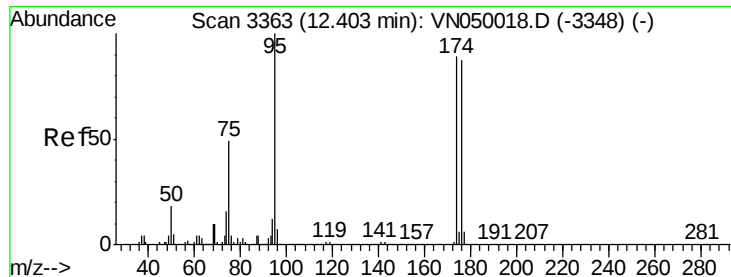
Tot Ion:113 Resp: 385586
Ion Ratio Lower Upper
113 100
111 104.3 80.7 121.1
192 22.2 17.8 26.6



#50
Toluene-d8
Concen: 46.78 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050366.D
Acq: 4 Aug 2018 14:57

Tgt Ion: 98 Resp: 1404951
Ion Ratio Lower Upper
98 100
100 62.9 50.7 76.1





#62

4-Bromofluorobenzene

Concen: 43.53 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050366.D

Acq: 4 Aug 2018 14:57

Instrument :

MSVOA_N

ClientSampled :

MW-03

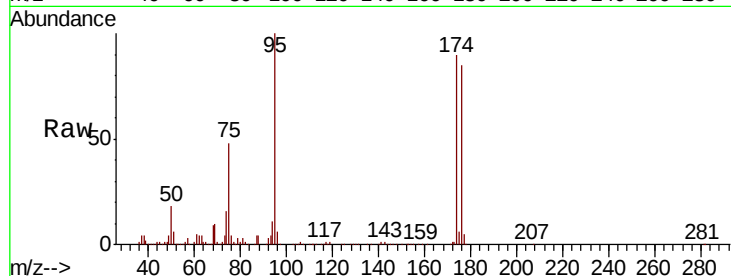
Tot Ion: 95 Resp: 430515

Ion Ratio Lower Upper

95 100

174 91.3 0.0 178.2

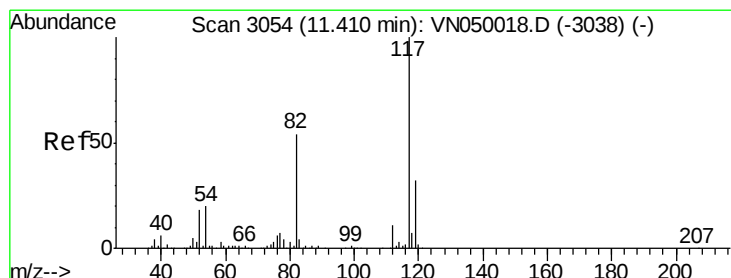
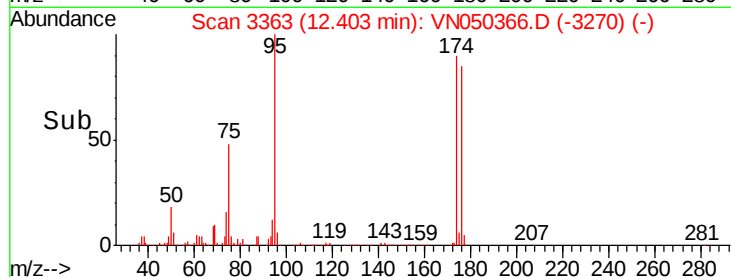
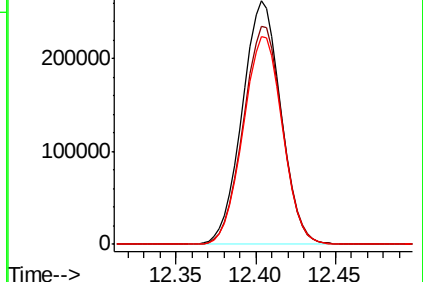
176 87.3 0.0 173.4



Abundance Ion 94.90 (94.60 to 95.60): VN050018.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050018.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050018.D (-3348) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050366.D

Acq: 4 Aug 2018 14:57

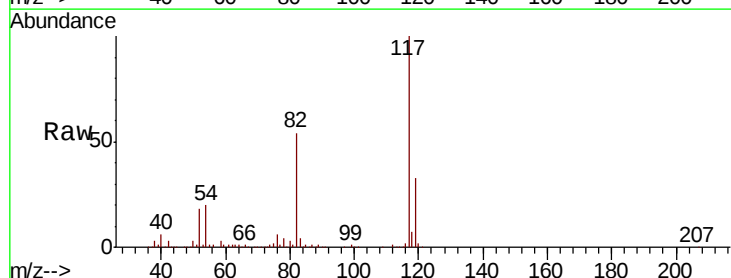
Tgt Ion: 117 Resp: 878039

Ion Ratio Lower Upper

117 100

82 54.2 43.7 65.5

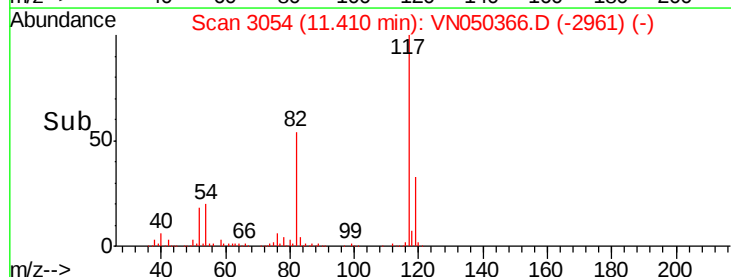
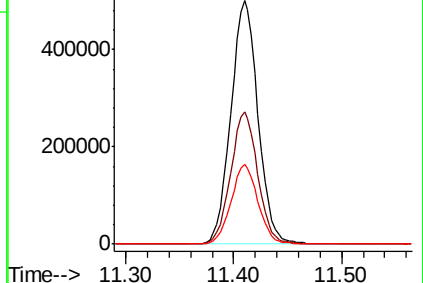
119 32.7 26.1 39.1

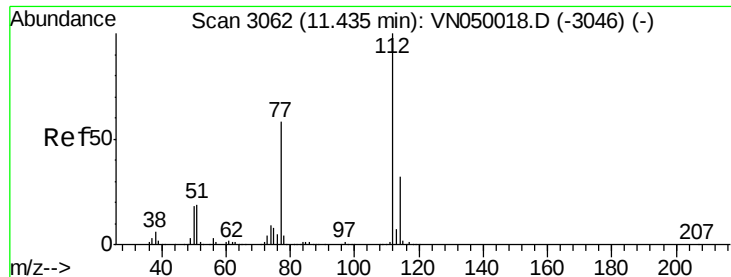


Abundance Ion 116.90 (116.60 to 117.60): VN050018.D (-3038) (-)

Ion 82.00 (81.70 to 82.70): VN050018.D (-3038) (-)

Ion 118.90 (118.60 to 119.60): VN050018.D (-3038) (-)

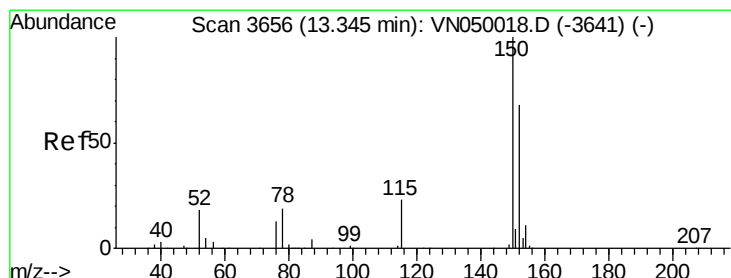
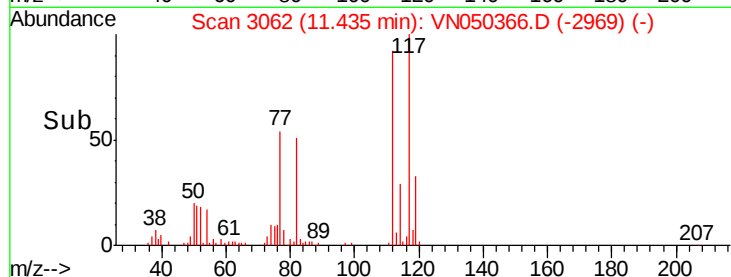
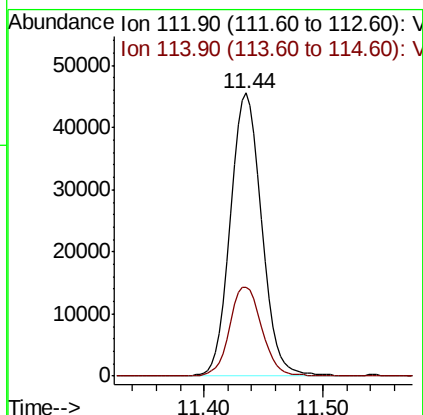
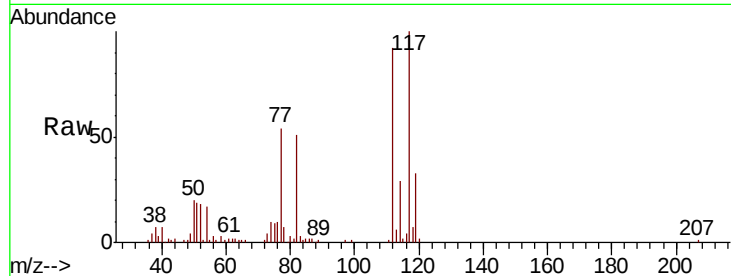




#65
Chlorobenzene
Concen: 3.75 ug/l
RT: 11.44 min Scan# 3062
Delta R.T. 0.00 min
Lab File: VN050366.D
Acq: 4 Aug 2018 14:57

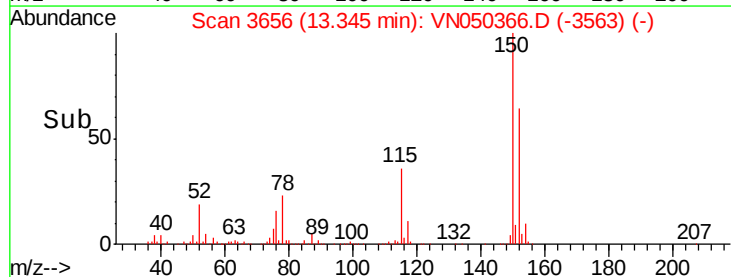
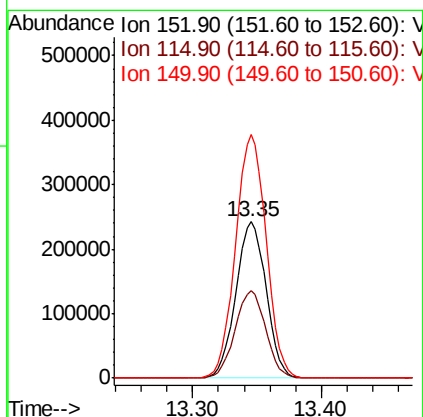
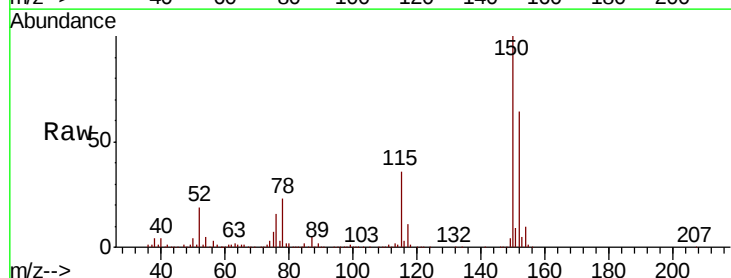
Instrument :
MSVOA_N
ClientSampled :
MW-03

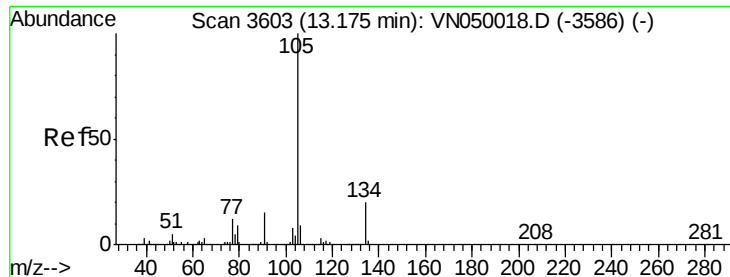
Tot Ion:112 Resp: 83189
Ion Ratio Lower Upper
112 100
114 31.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050366.D
Acq: 4 Aug 2018 14:57

Tgt Ion:152 Resp: 395558
Ion Ratio Lower Upper
152 100
115 56.6 27.8 83.3
150 157.2 0.0 348.6





#85

sec-Butylbenzene

Concen: 0.81 ug/l

RT: 13.17 min Scan# 3603

Delta R.T. 0.00 min

Lab File: VN050366.D

Acq: 4 Aug 2018 14:57

Instrument :

MSVOA_N

ClientSampleId :

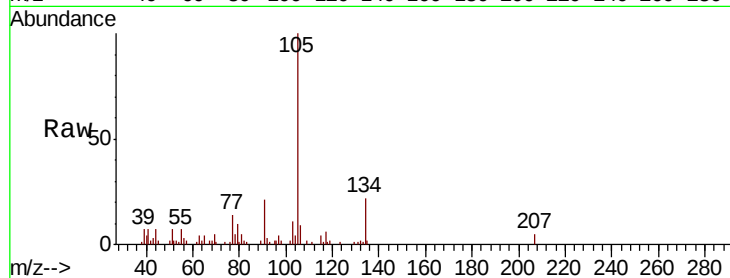
MW-03

Tot Ion:105 Resp: 22783

Ion Ratio Lower Upper

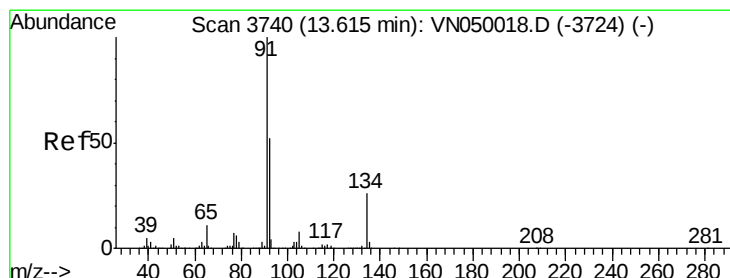
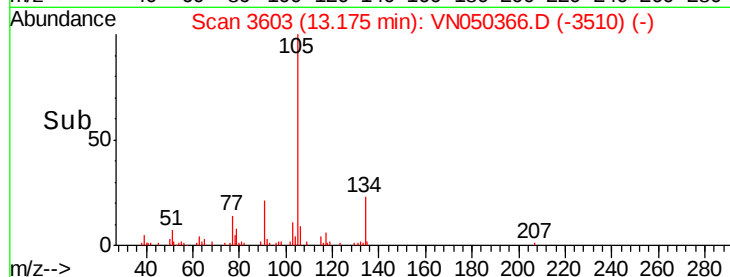
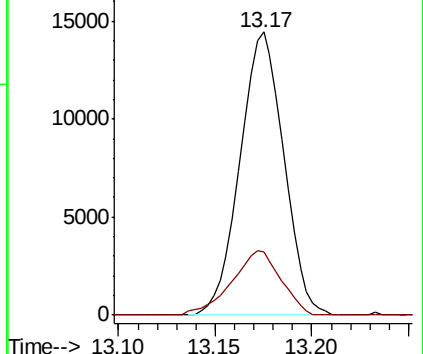
105 100

134 25.4 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 0.65 ug/l

RT: 13.62 min Scan# 3740

Delta R.T. -0.00 min

Lab File: VN050366.D

Acq: 4 Aug 2018 14:57

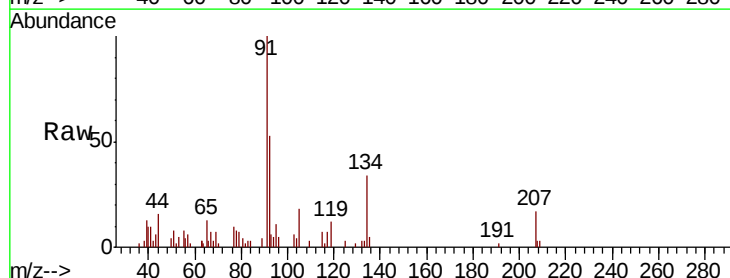
Tgt Ion: 91 Resp: 12758

Ion Ratio Lower Upper

91 100

92 47.7 25.8 77.4

134 61.0 12.8 38.4#



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V

