

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN102518\
 Data File : VN052009.D
 Acq On : 25 Oct 2018 14:01
 Operator : MD\SY
 Sample : J5651-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR-200030

Quant Time: Oct 26 02:10:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N102318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 24 10:12:55 2018
 Response via : Initial Calibration

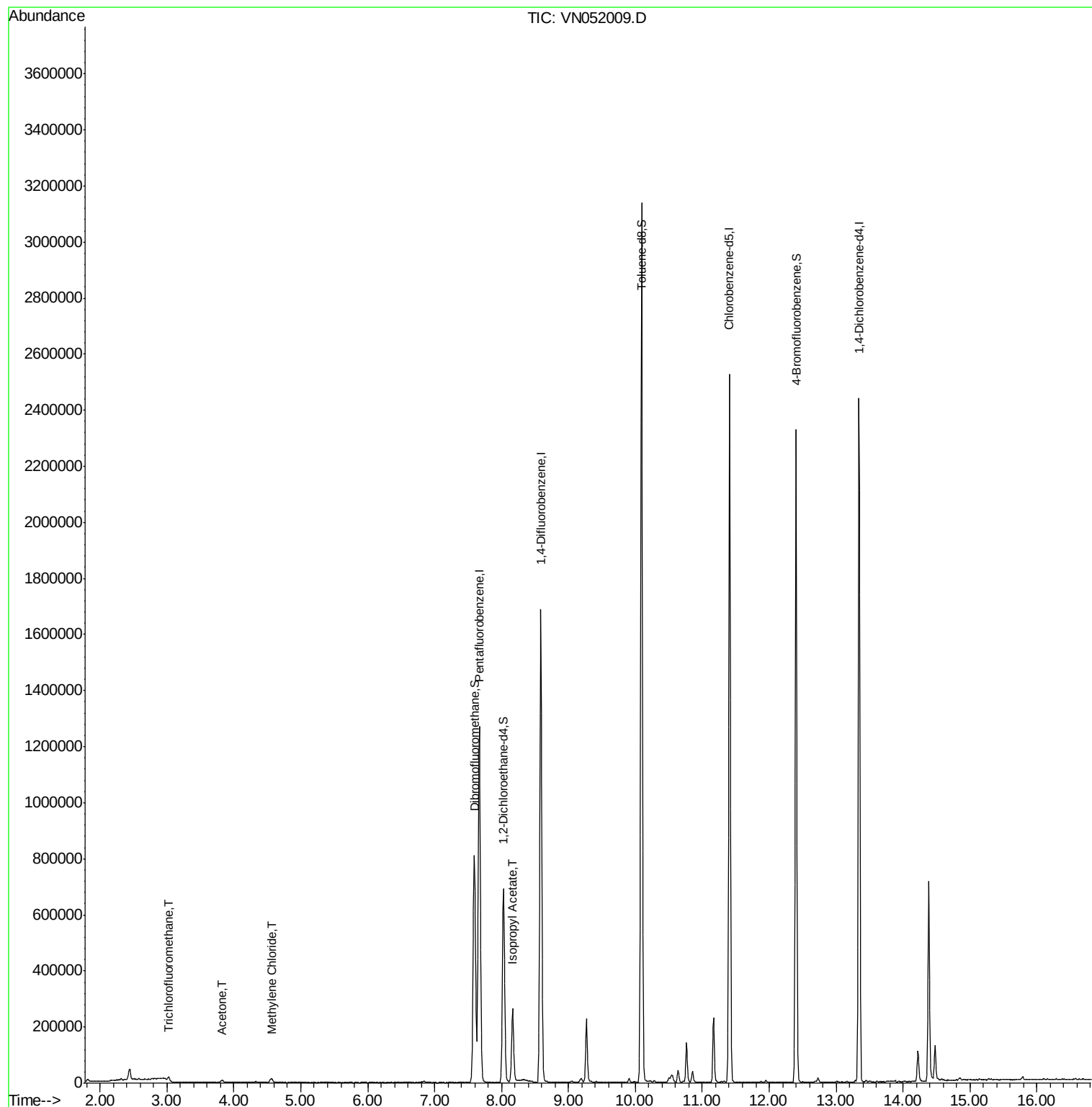
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1148572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1681972	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1576892	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	736775	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	580843	56.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.56%	
35) Dibromofluoromethane	7.59	113	613074	57.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.24%	
50) Toluene-d8	10.09	98	2297186	59.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.46%	
62) 4-Bromofluorobenzene	12.40	95	725254	54.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.80%	
Target Compounds						
7) Trichlorofluoromethane	3.02	101	16985	1.084	ug/l	96
16) Acetone	3.82	43	16125	9.568	ug/l	92
20) Methylene Chloride	4.55	84	11579	1.171	ug/l #	87
43) Isopropyl Acetate	8.17	43	289220	26.766	ug/l	98

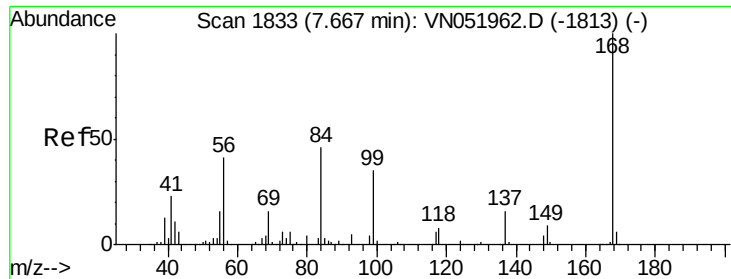
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN102518\
Data File : VN052009.D
Acq On : 25 Oct 2018 14:01
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Sample : J5651-03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 12 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
RBR-200030

Quant Time: Oct 26 02:10:19 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N102318W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 24 10:12:55 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052009.D

Acq: 25 Oct 2018 14:01

Instrument :

MSVOA_N

ClientSampled :

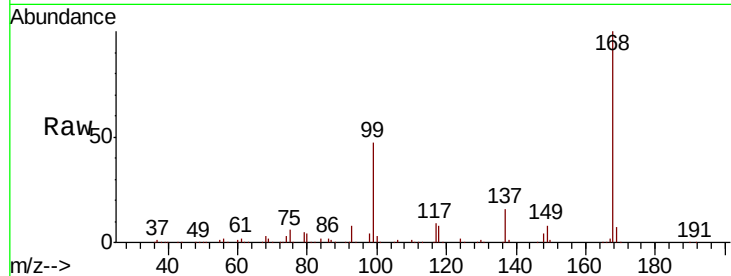
RBR-200030

Tot Ion:168 Resp: 1148572

Ion Ratio Lower Upper

168 100

99 46.8 37.8 56.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

500000

400000

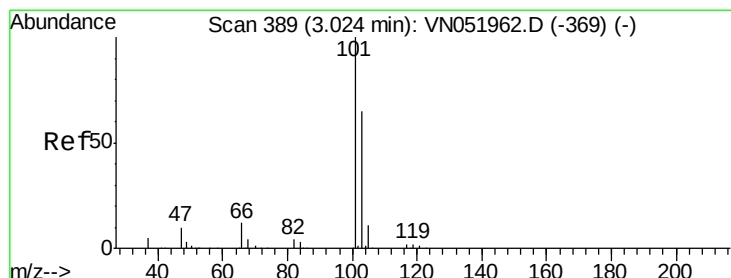
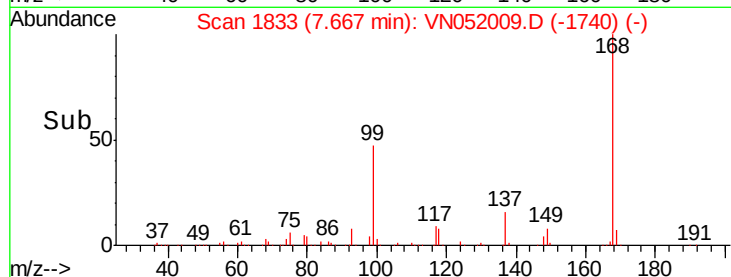
300000

200000

100000

0

Time-->



#7

Trichlorofluoromethane

Concen: 1.084 ug/l

RT: 3.02 min Scan# 389

Delta R.T. 0.00 min

Lab File: VN052009.D

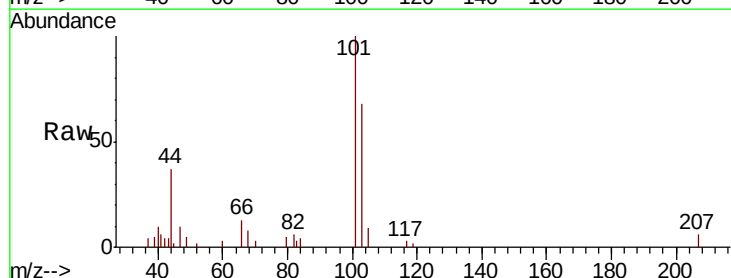
Acq: 25 Oct 2018 14:01

Tgt Ion:101 Resp: 16985

Ion Ratio Lower Upper

101 100

103 68.4 52.0 78.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

3.02

8000

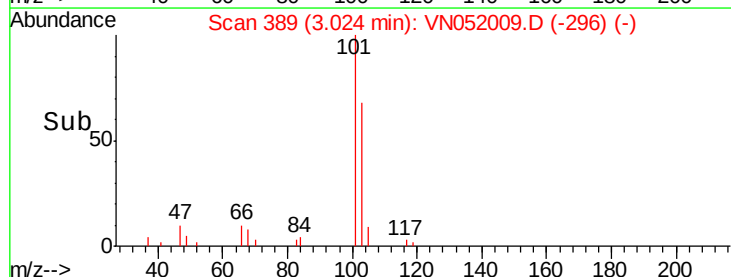
6000

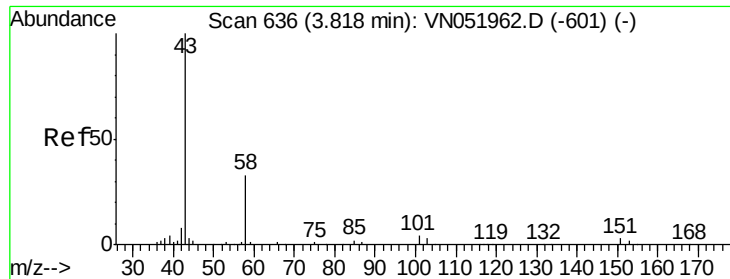
4000

2000

0

Time-->





#16

Acetone

Concen: 9.568 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN052009.D

Acq: 25 Oct 2018 14:01

Instrument :

MSVOA_N

ClientSampleId :

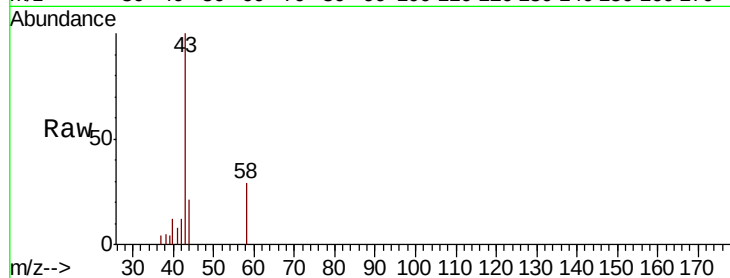
RBR-200030

Tot Ion: 43 Resp: 16125

Ion Ratio Lower Upper

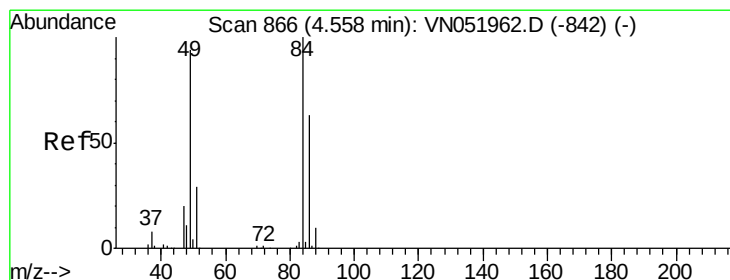
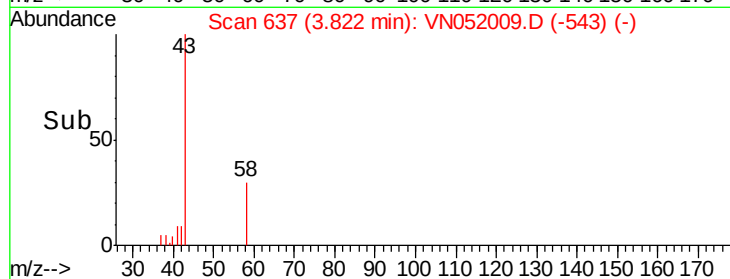
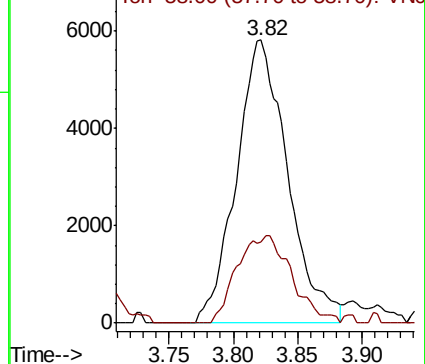
43 100

58 28.8 26.7 40.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#20

Methylene Chloride

Concen: 1.171 ug/l

RT: 4.55 min Scan# 865

Delta R.T. -0.00 min

Lab File: VN052009.D

Acq: 25 Oct 2018 14:01

Tgt Ion: 84 Resp: 11579

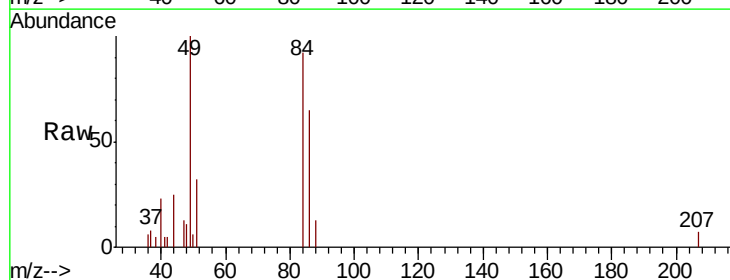
Ion Ratio Lower Upper

84 100

49 108.6 75.4 113.0

51 35.3 23.1 34.7#

86 70.2 50.2 75.4

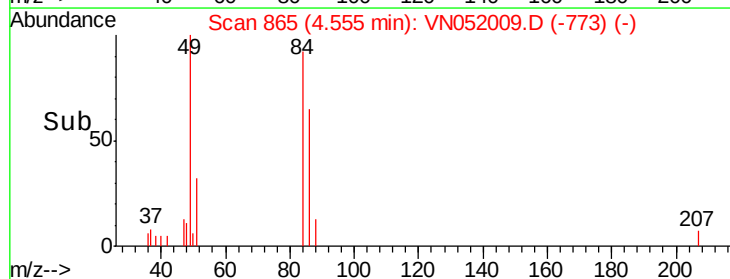
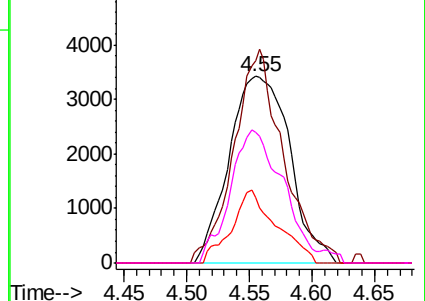


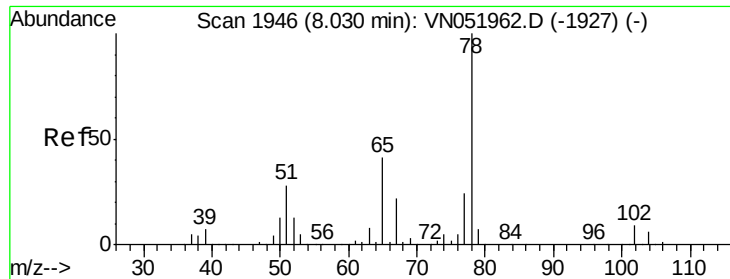
Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0

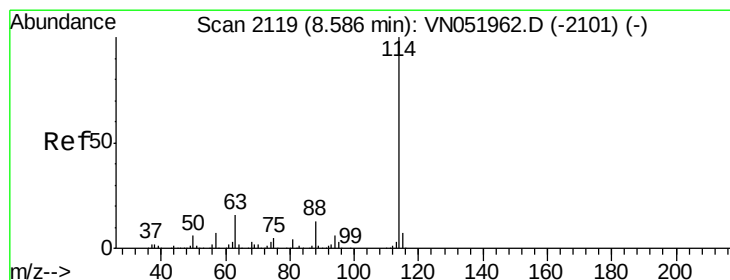
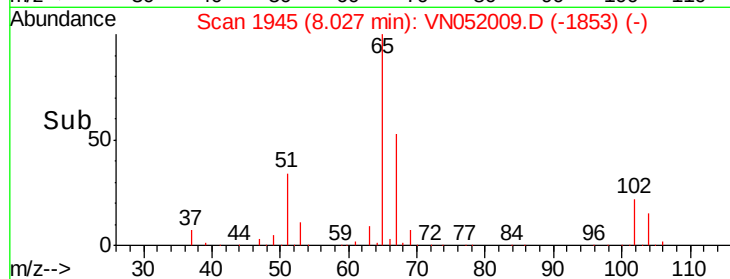
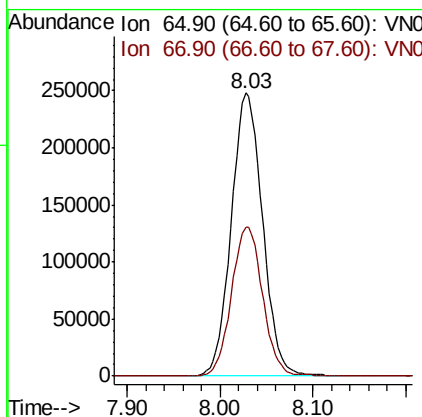
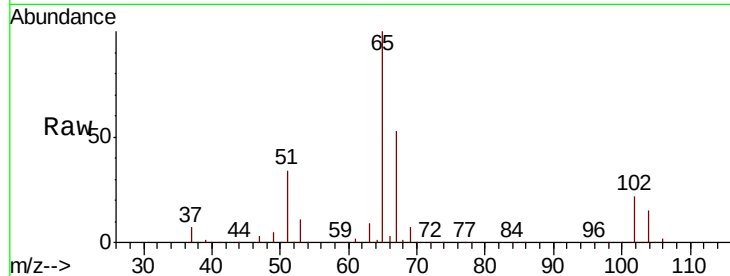




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052009.D
 Acq: 25 Oct 2018 14:01

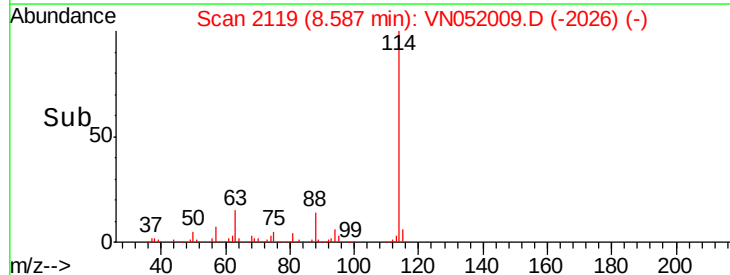
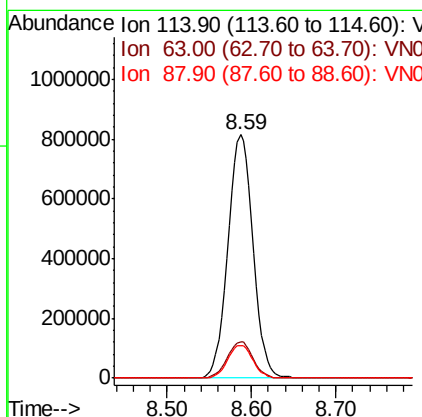
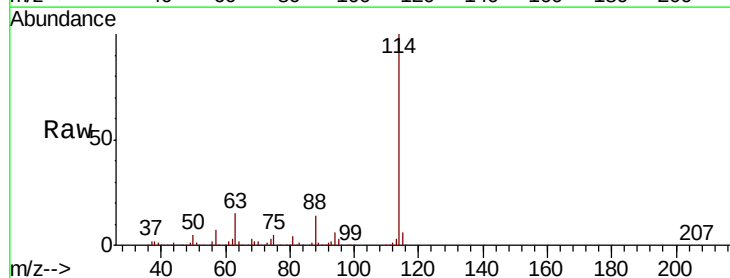
Instrument :
 MSVOA_N
 ClientSampled :
 RBR-200030

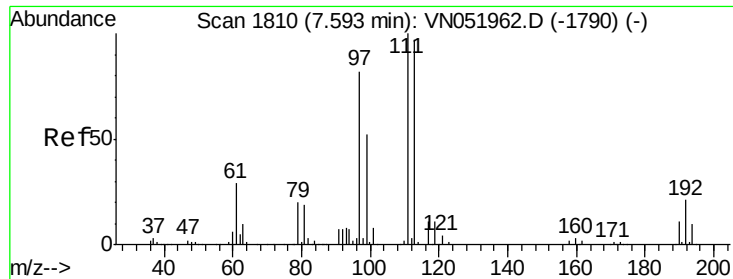
Tot Ion: 65 Resp: 580843
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052009.D
 Acq: 25 Oct 2018 14:01

Tgt Ion: 114 Resp: 1681972
 Ion Ratio Lower Upper
 114 100
 63 15.0 0.0 31.2
 88 13.6 0.0 27.0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN052009.D

Acq: 25 Oct 2018 14:01

Instrument :

MSVOA_N

ClientSampleId :

RBR-200030

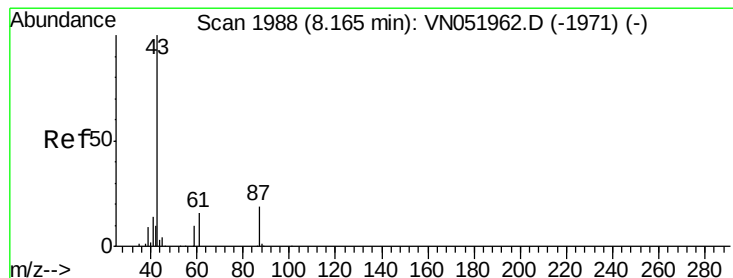
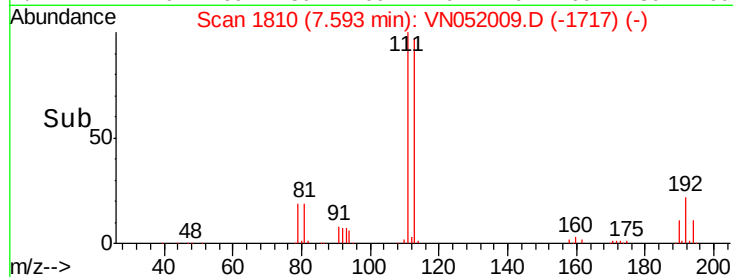
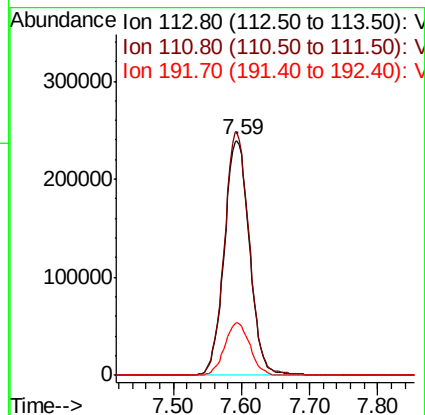
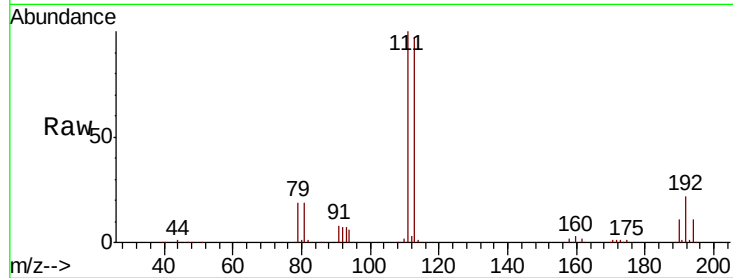
Tot Ion:113 Resp: 613074

Ion Ratio Lower Upper

113 100

111 102.8 80.7 121.1

192 22.5 17.2 25.8



#43

Isopropyl Acetate

Concen: 26.766 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052009.D

Acq: 25 Oct 2018 14:01

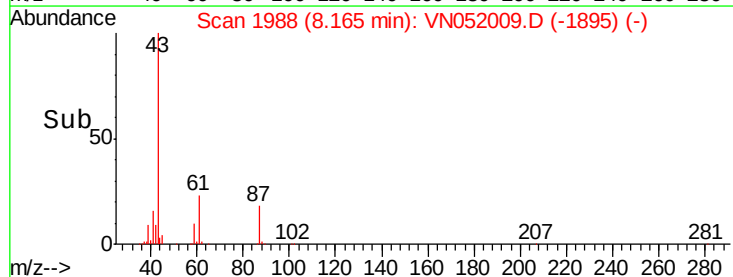
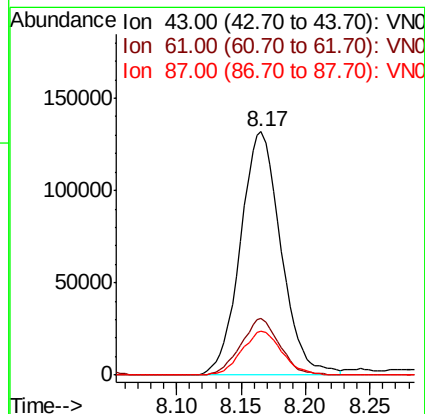
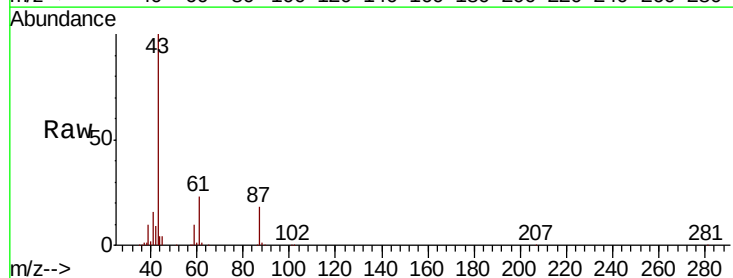
Tgt Ion: 43 Resp: 289220

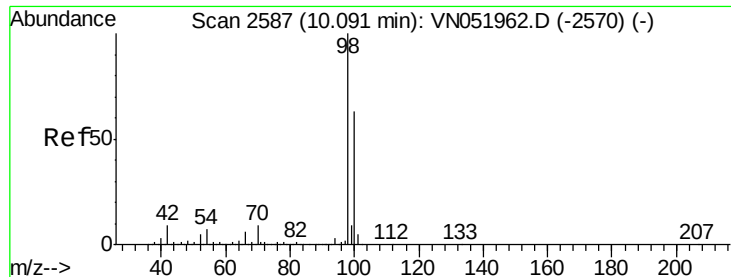
Ion Ratio Lower Upper

43 100

61 22.3 17.2 25.8

87 17.9 15.2 22.8





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052009.D

Acq: 25 Oct 2018 14:01

Instrument :

MSVOA_N

ClientSampled :

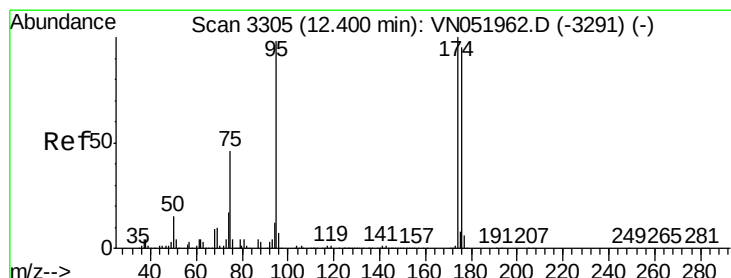
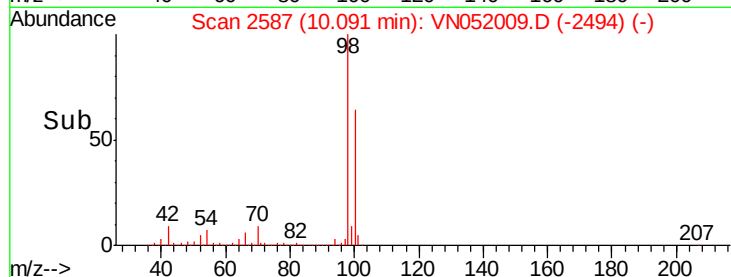
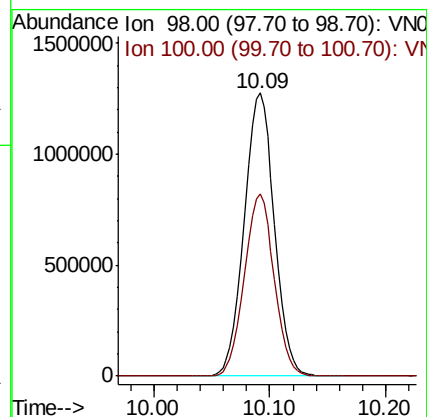
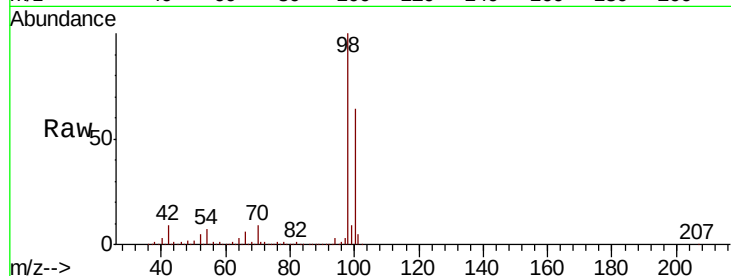
RBR-200030

Tot Ion: 98 Resp: 2297186

Ion Ratio Lower Upper

98 100

100 63.7 50.7 76.1



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052009.D

Acq: 25 Oct 2018 14:01

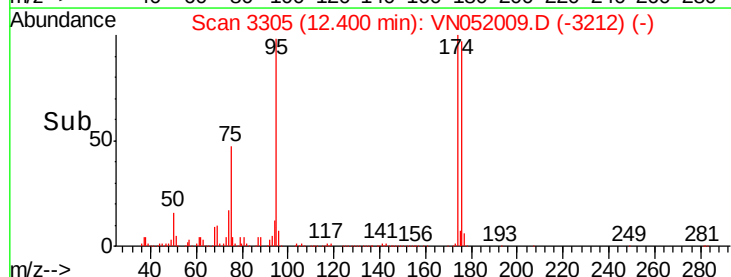
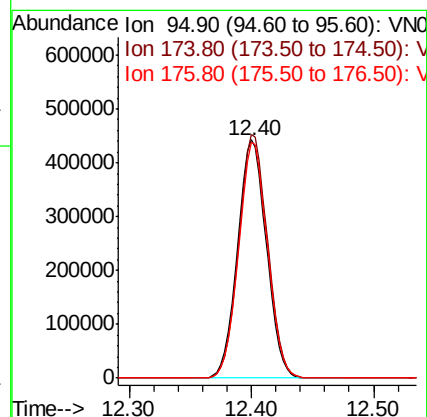
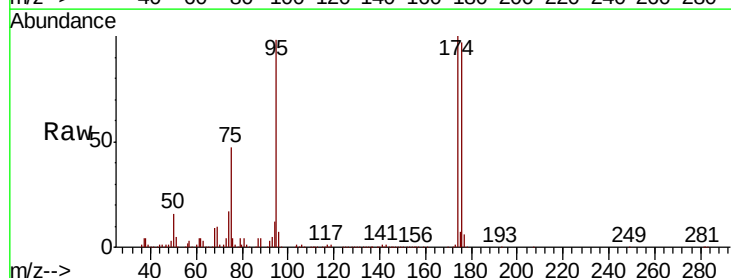
Tgt Ion: 95 Resp: 725254

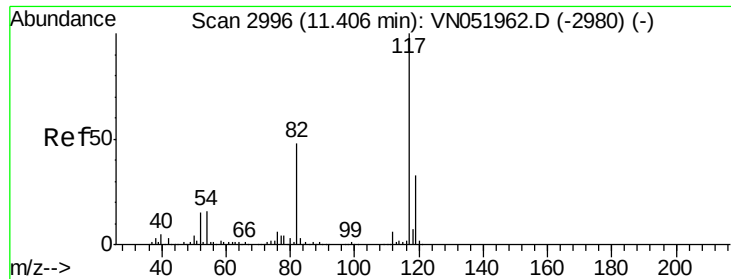
Ion Ratio Lower Upper

95 100

174 102.4 0.0 206.0

176 98.5 0.0 198.0

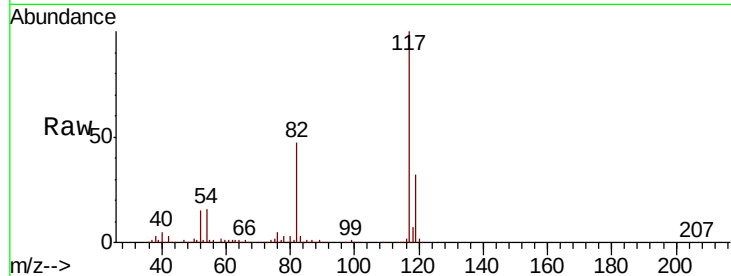




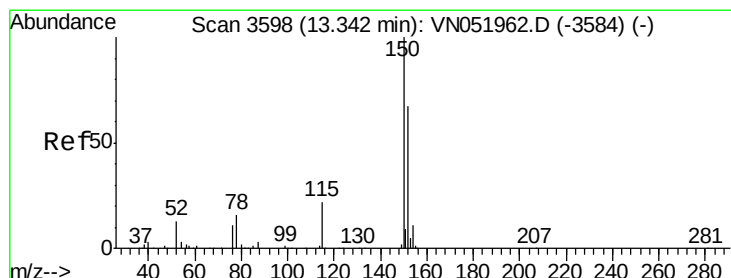
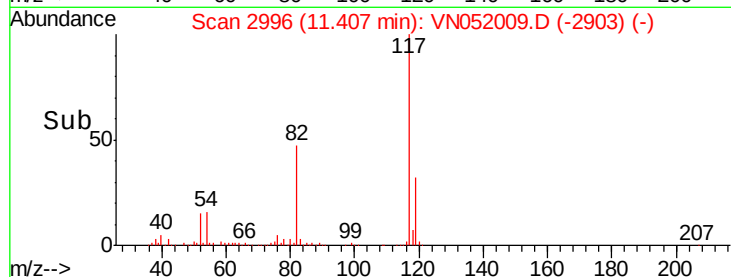
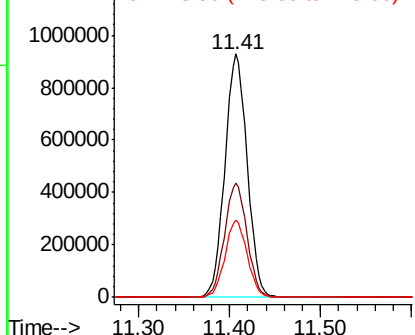
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052009.D
Acq: 25 Oct 2018 14:01

Instrument :
MSVOA_N
ClientSampled :
RBR-200030

Tot Ion:117 Resp: 1576892
Ion Ratio Lower Upper
117 100
82 47.1 38.1 57.1
119 31.8 26.4 39.6

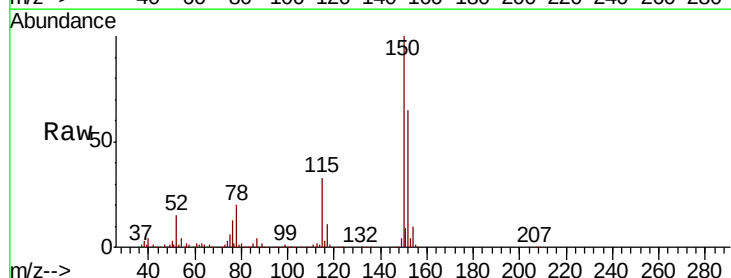


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN052009.D
Acq: 25 Oct 2018 14:01

Tgt Ion:152 Resp: 736775
Ion Ratio Lower Upper
152 100
115 52.2 25.8 77.3
150 153.4 0.0 344.4



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

