

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110118\
 Data File : VN052109.D
 Acq On : 1 Nov 2018 18:02
 Operator : MD\SY
 Sample : J5200-18
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-103118-A

Quant Time: Nov 02 07:38:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N103018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 02:45:22 2018
 Response via : Initial Calibration

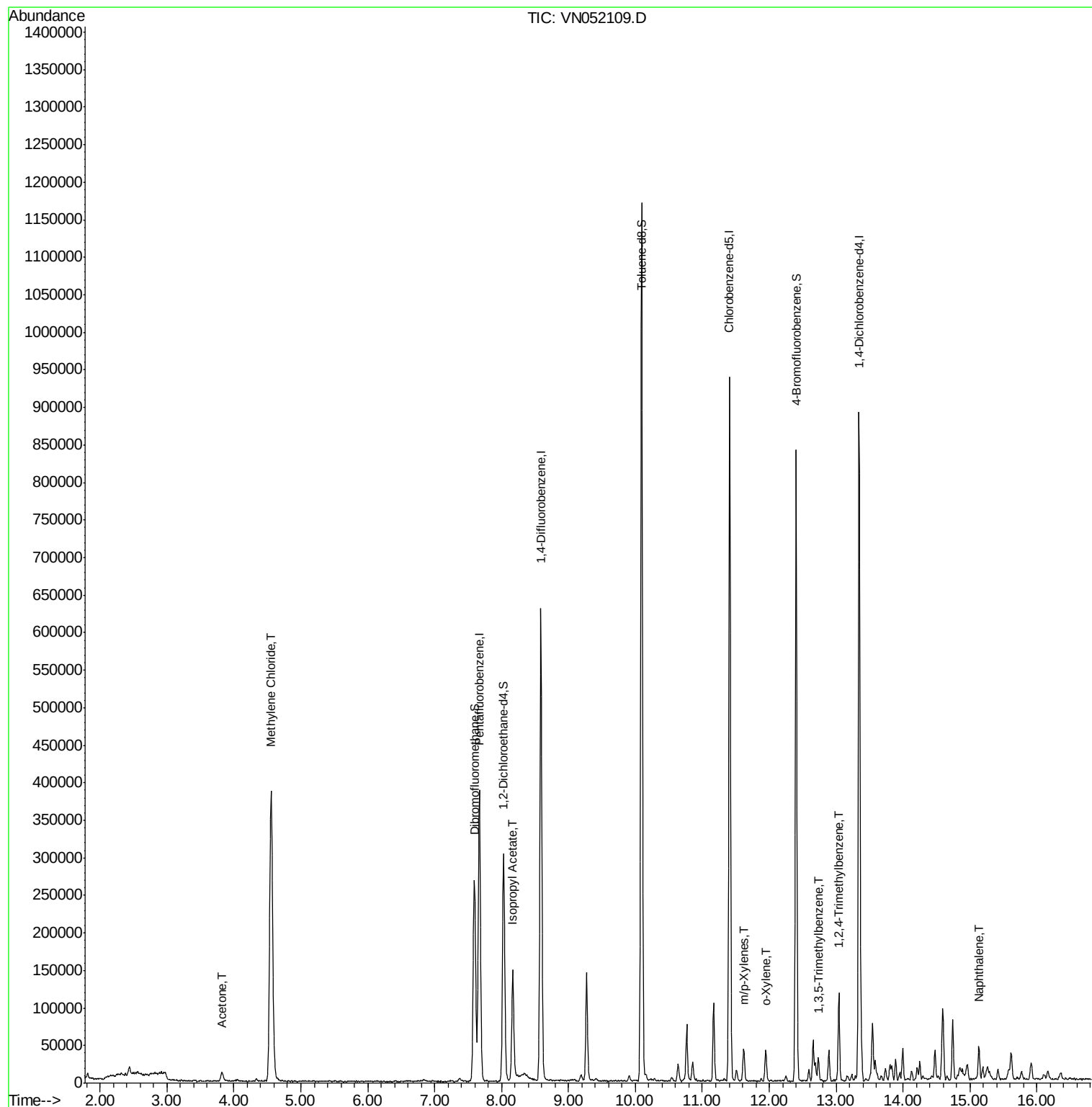
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	291070	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	547778	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	527049	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	218479	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	251951	53.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.88%	
35) Dibromofluoromethane	7.59	113	207206	60.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.94%	
50) Toluene-d8	10.09	98	819922	59.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.72%	
62) 4-Bromofluorobenzene	12.40	95	288281	57.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.66%	
Target Compounds						
16) Acetone	3.82	43	22171	22.238	ug/l	100
20) Methylene Chloride	4.56	84	289433	76.187	ug/l	95
43) Isopropyl Acetate	8.17	43	176592	26.632	ug/l	98
68) m/p-Xylenes	11.62	106	13168	1.858	ug/l	95
69) o-Xylene	11.95	106	10107	1.442	ug/l	96
80) 1,3,5-Trimethylbenzene	12.73	105	15361	1.010	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	63253	4.180	ug/l	98
95) Naphthalene	15.13	128	35176	5.619	ug/l	97

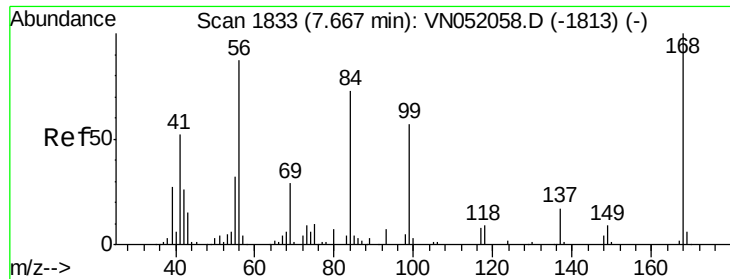
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 31 02:45:22 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN052109.D

Acq: 1 Nov 2018 18:02

Instrument :

MSVOA_N

ClientSampleId :

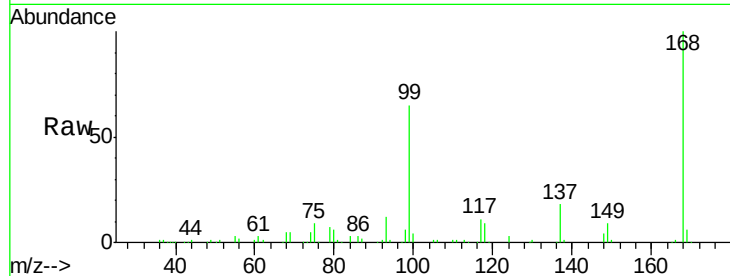
OR-03-103118-A

Tgt Ion:168 Resp: 291070

Ion Ratio Lower Upper

168 100

99 65.0 56.6 85.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

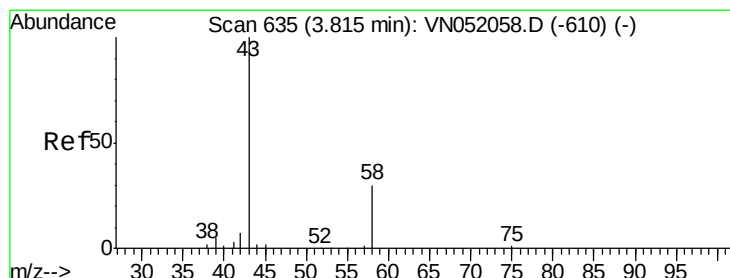
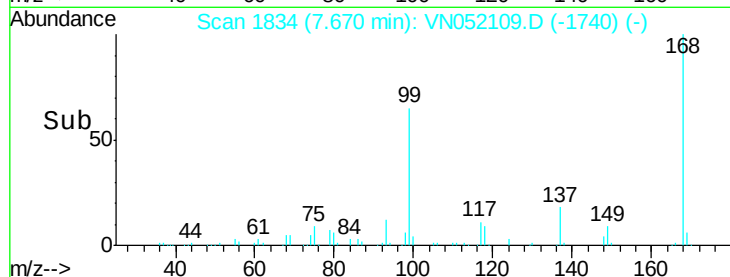
7.67

100000

50000

0

Time-->



#16

Acetone

Concen: 22.238 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN052109.D

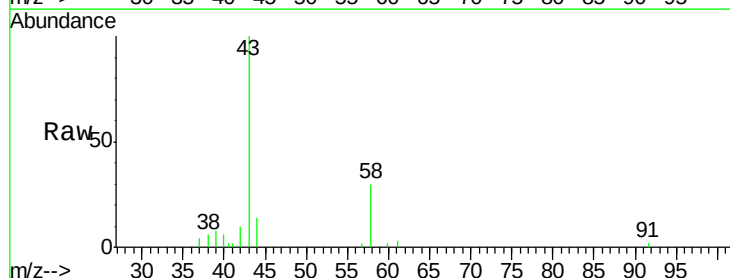
Acq: 1 Nov 2018 18:02

Tgt Ion: 43 Resp: 22171

Ion Ratio Lower Upper

43 100

58 30.0 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

8000

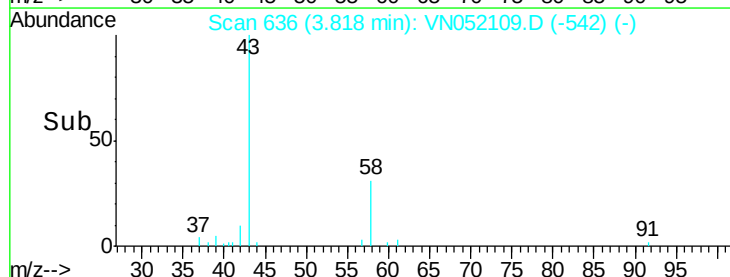
6000

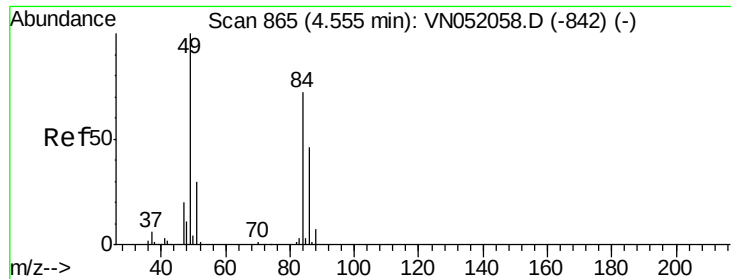
4000

2000

0

Time-->

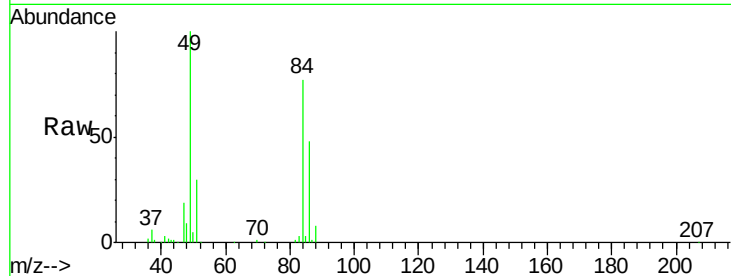




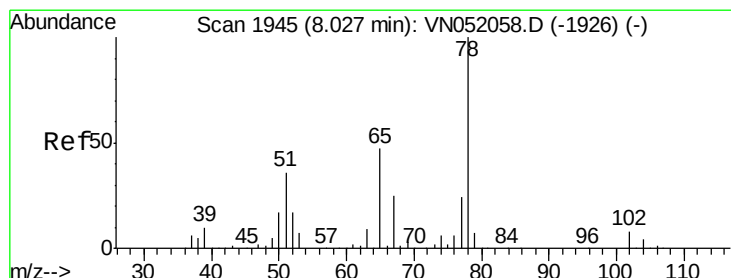
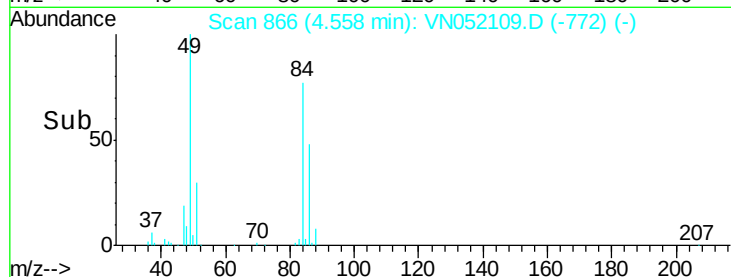
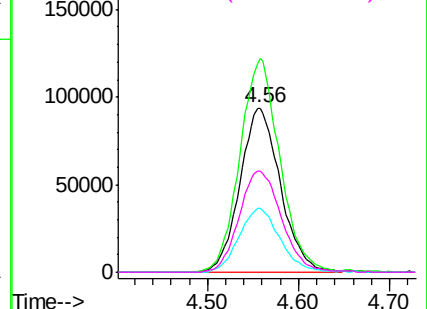
#20
Methylene Chloride
Concen: 76.187 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN052109.D
Acq: 1 Nov 2018 18:02

Instrument :
MSVOA_N
ClientSampleId :
OR-03-103118-A

Tgt Ion: 84 Resp: 289433
Ion Ratio Lower Upper
84 100
49 129.9 110.6 165.8
51 38.6 33.7 50.5
86 61.7 50.5 75.7

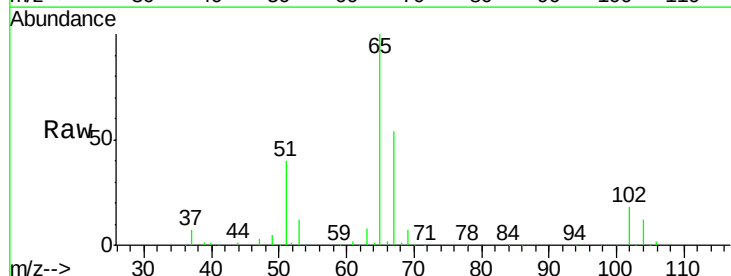


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

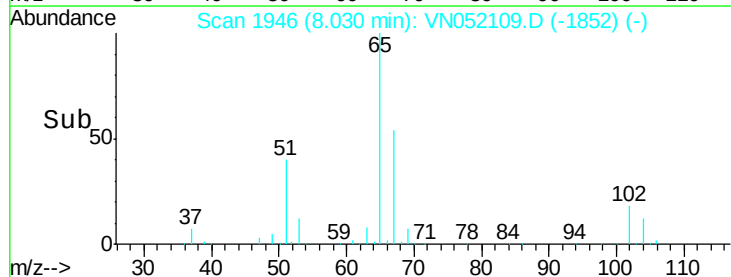
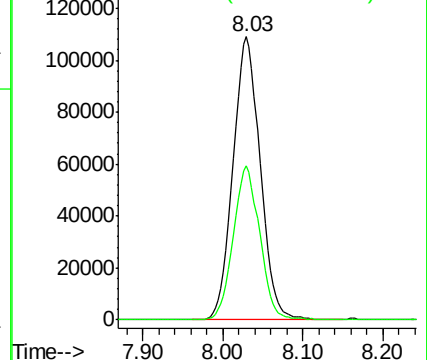


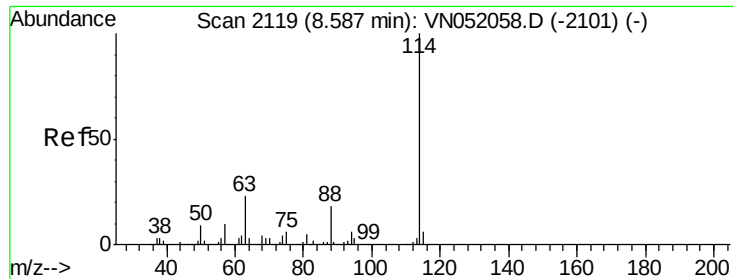
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN052109.D
Acq: 1 Nov 2018 18:02

Tgt Ion: 65 Resp: 251951
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

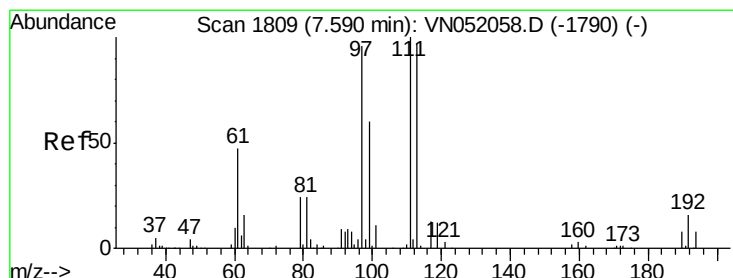
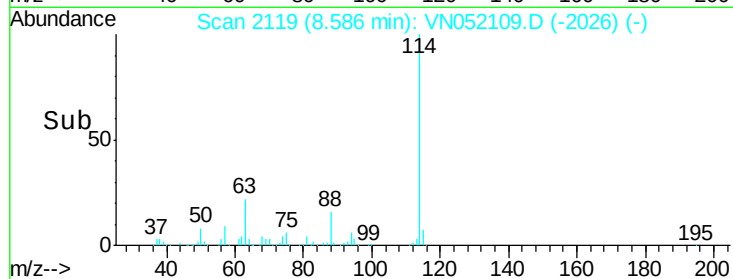
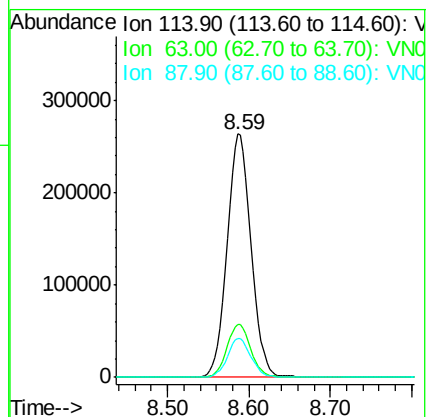
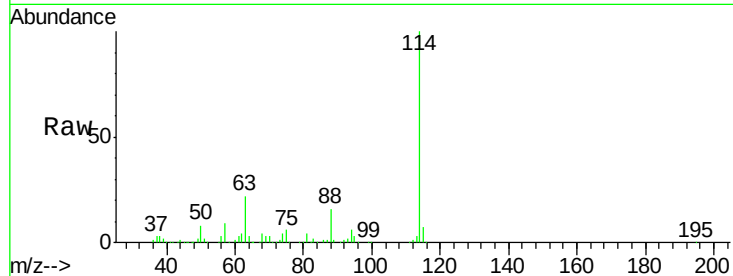




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052109.D
 Acq: 1 Nov 2018 18:02

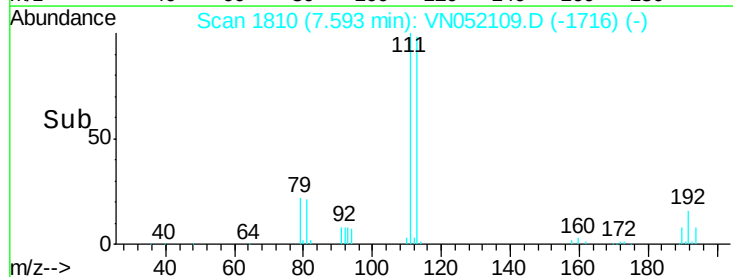
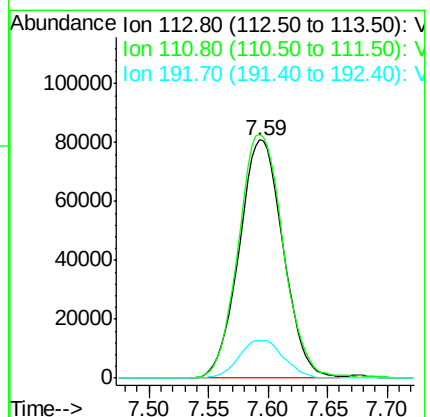
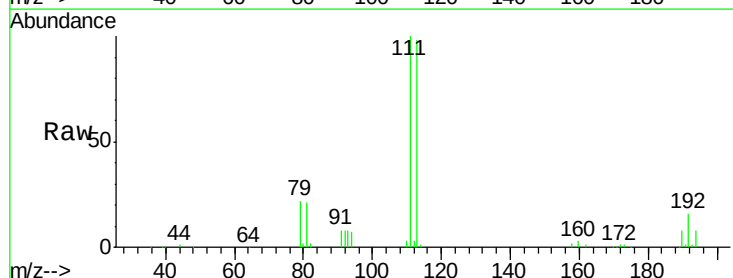
Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-103118-A

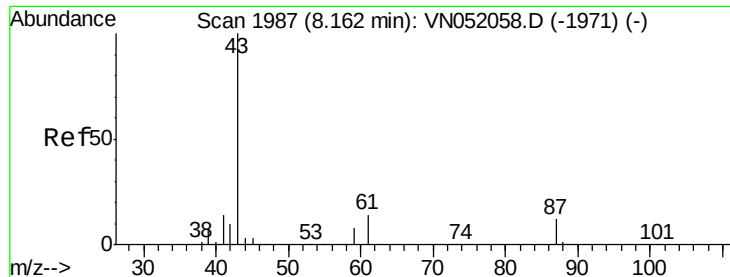
Tgt Ion:114 Resp: 547778
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 46.0
 88 16.1 0.0 35.4



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052109.D
 Acq: 1 Nov 2018 18:02

Tgt Ion:113 Resp: 207206
 Ion Ratio Lower Upper
 113 100
 111 104.7 83.1 124.7
 192 16.4 12.7 19.1





#43

Isopropyl Acetate

Concen: 26.632 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052109.D

Acq: 1 Nov 2018 18:02

Instrument :

MSVOA_N

ClientSampleId :

OR-03-103118-A

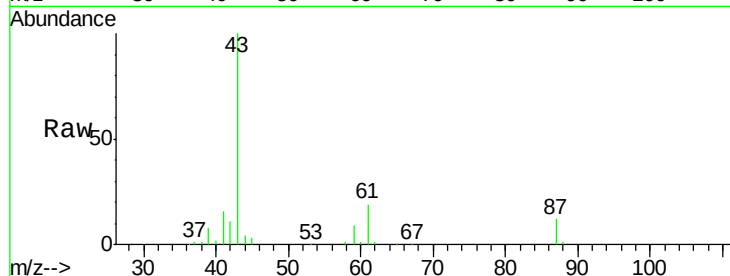
Tgt Ion: 43 Resp: 176592

Ion Ratio Lower Upper

43 100

61 19.8 15.4 23.0

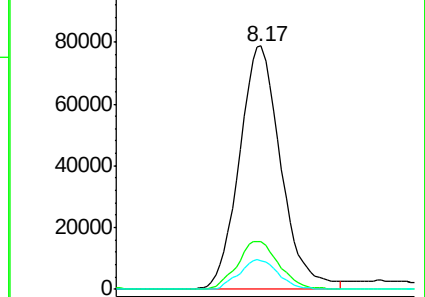
87 11.3 9.8 14.8



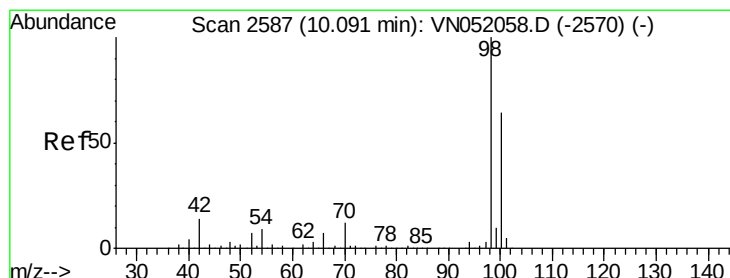
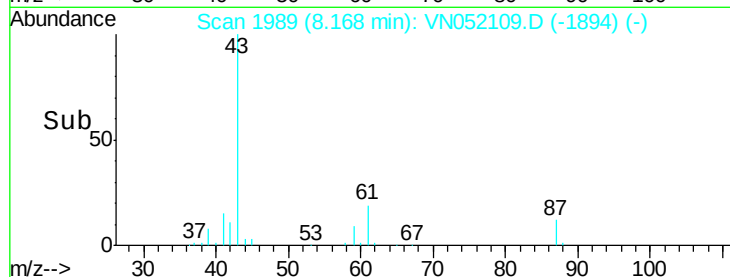
Abundance Ion 43.00 (42.70 to 43.70): VN052109.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN052109.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN052109.D (-1894) (-)



Time-->



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052109.D

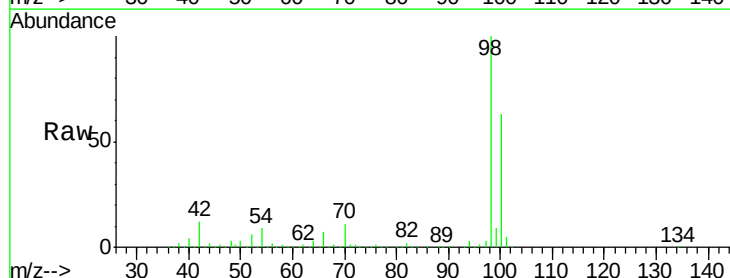
Acq: 1 Nov 2018 18:02

Tgt Ion: 98 Resp: 819922

Ion Ratio Lower Upper

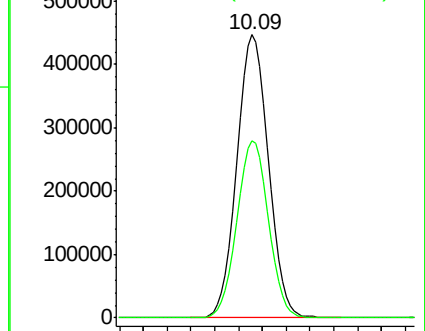
98 100

100 62.7 51.4 77.2

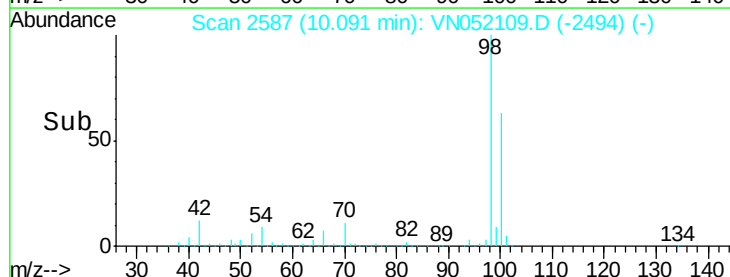


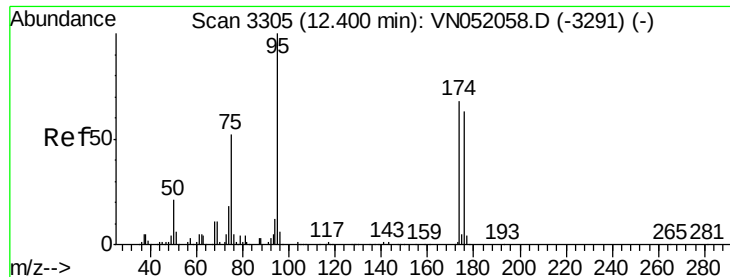
Abundance Ion 98.00 (97.70 to 98.70): VN052109.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN052109.D (-2494) (-)



Time-->





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052109.D

Acq: 1 Nov 2018 18:02

Instrument :

MSVOA_N

ClientSampleId :

OR-03-103118-A

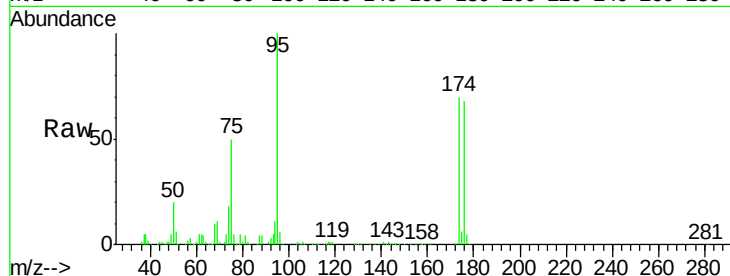
Tgt Ion: 95 Resp: 288281

Ion Ratio Lower Upper

95 100

174 71.5 0.0 131.8

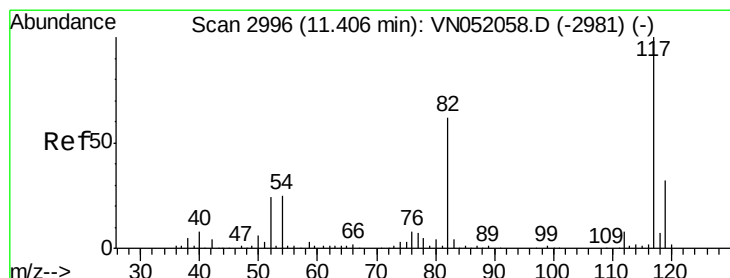
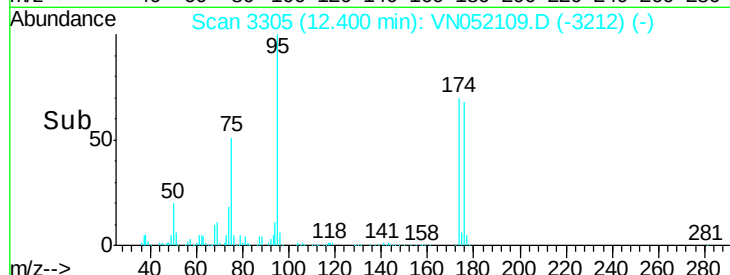
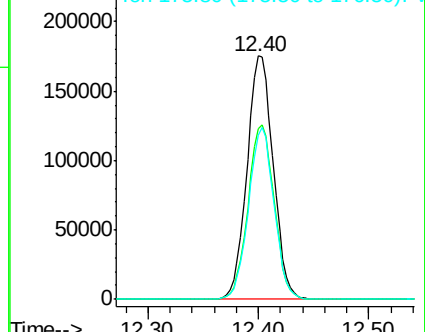
176 68.4 0.0 126.0



Abundance Ion 94.90 (94.60 to 95.60): VN052109.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN052109.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN052109.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN052109.D

Acq: 1 Nov 2018 18:02

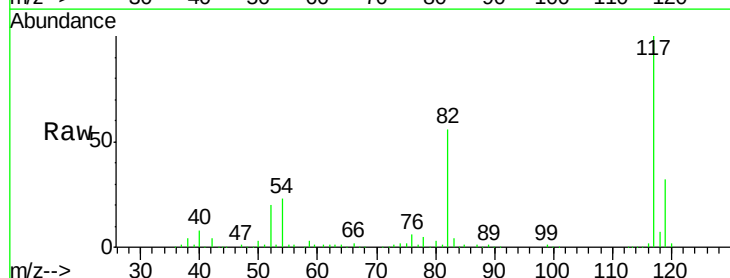
Tgt Ion: 117 Resp: 527049

Ion Ratio Lower Upper

117 100

82 55.9 49.9 74.9

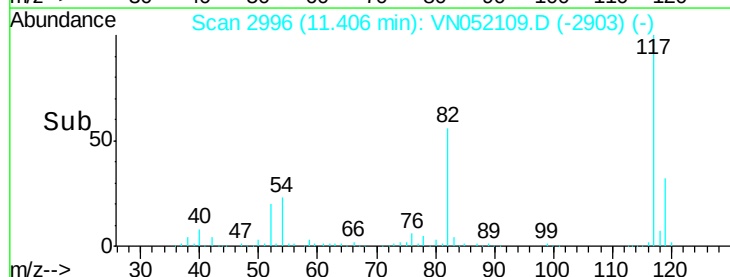
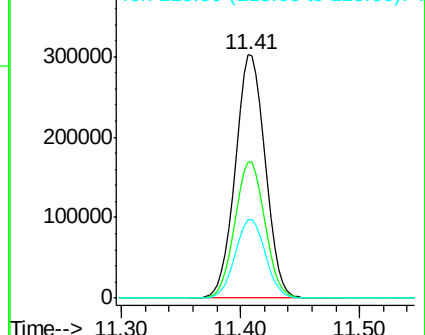
119 32.0 25.7 38.5

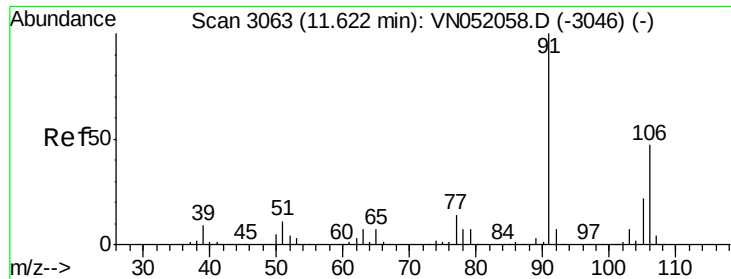


Abundance Ion 116.90 (116.60 to 117.60): VN052109.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN052109.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN052109.D (-2903) (-)

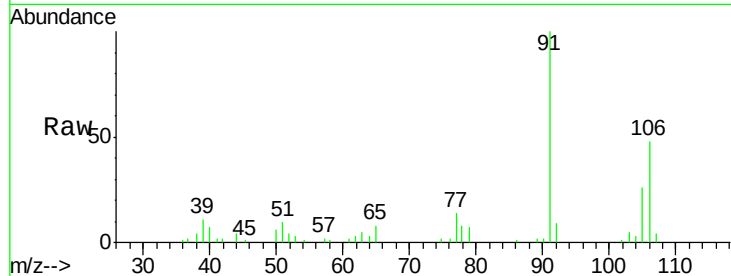




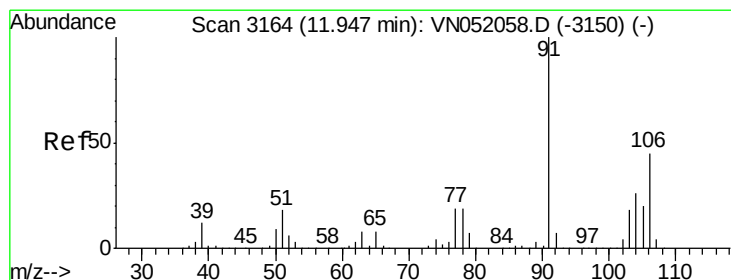
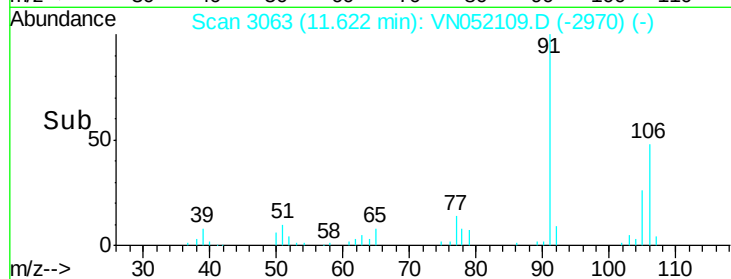
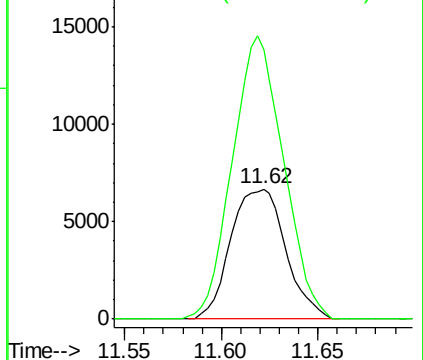
#68
m/p-Xylenes
Concen: 1.858 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN052109.D
Acq: 1 Nov 2018 18:02

Instrument :
MSVOA_N
ClientSampleId :
OR-03-103118-A

Tgt Ion:106 Resp: 13168
Ion Ratio Lower Upper
106 100
91 203.1 168.7 253.1

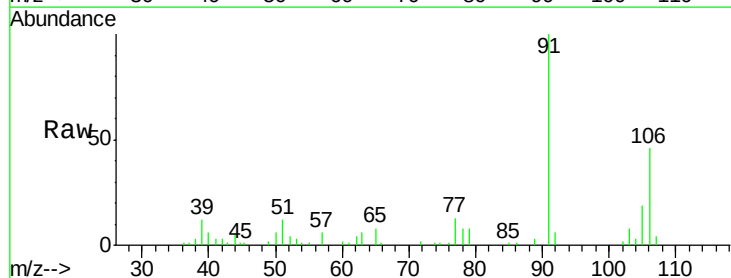


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

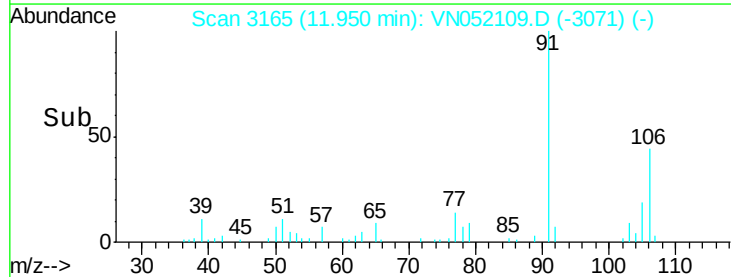
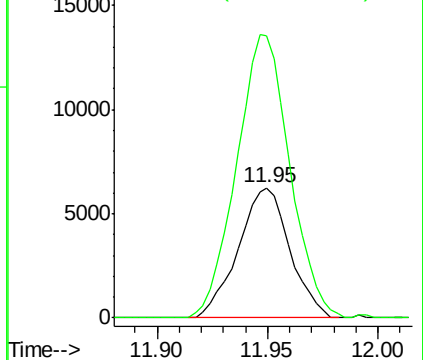


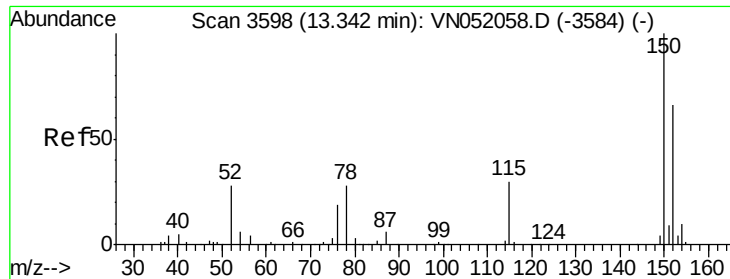
#69
o-Xylene
Concen: 1.442 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN052109.D
Acq: 1 Nov 2018 18:02

Tgt Ion:106 Resp: 10107
Ion Ratio Lower Upper
106 100
91 225.1 109.6 328.6



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052109.D

Acq: 1 Nov 2018 18:02

Instrument :

MSVOA_N

ClientSampleId :

OR-03-103118-A

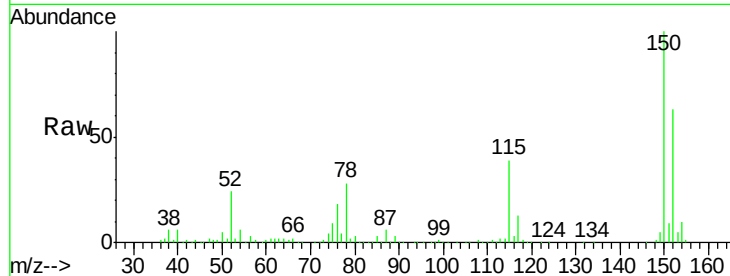
Tgt Ion:152 Resp: 218479

Ion Ratio Lower Upper

152 100

115 63.5 31.6 95.0

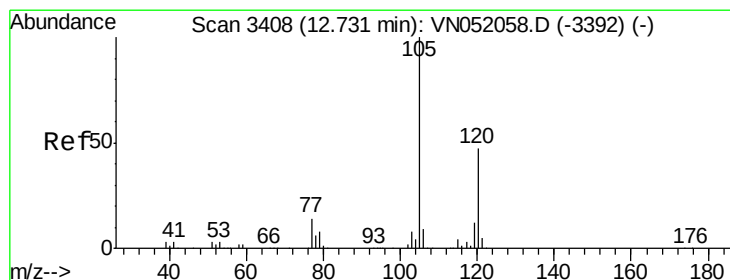
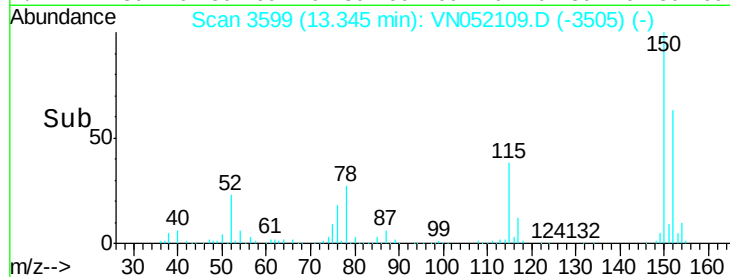
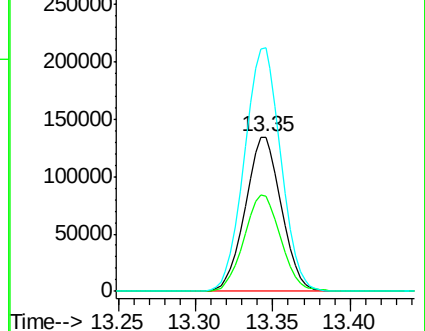
150 159.0 0.0 345.0



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



#80

1,3,5-Trimethylbenzene

Concen: 1.010 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN052109.D

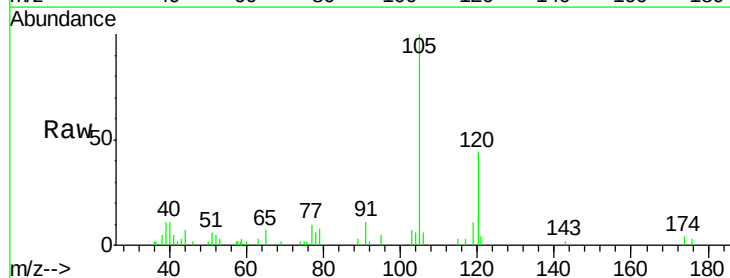
Acq: 1 Nov 2018 18:02

Tgt Ion:105 Resp: 15361

Ion Ratio Lower Upper

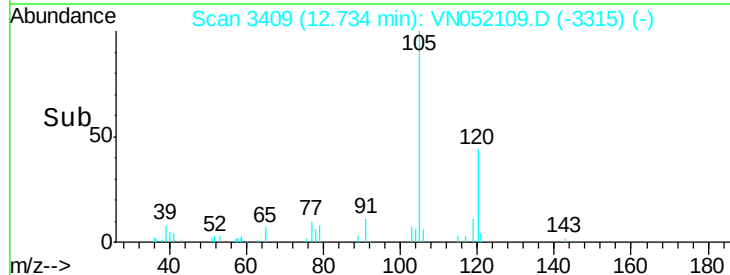
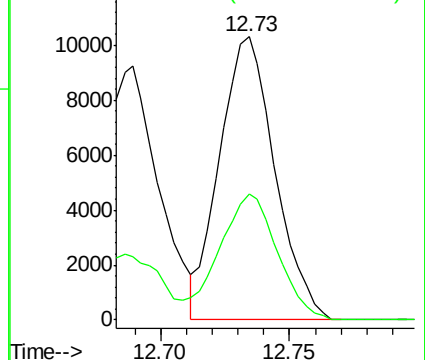
105 100

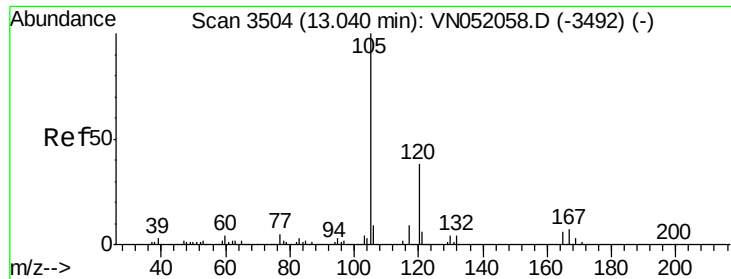
120 46.7 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

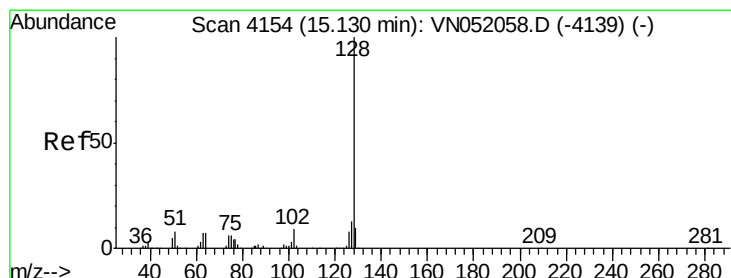
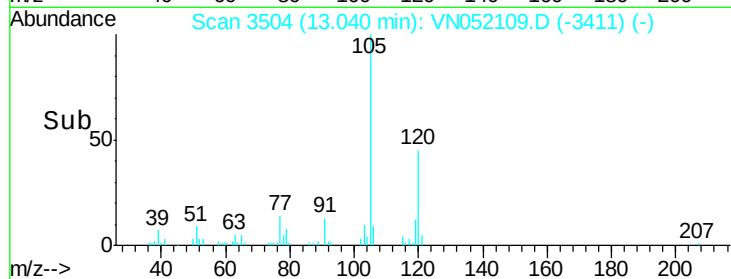
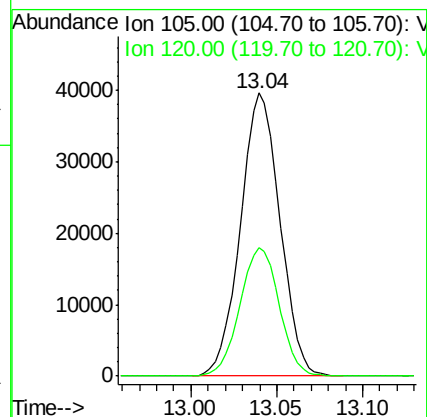
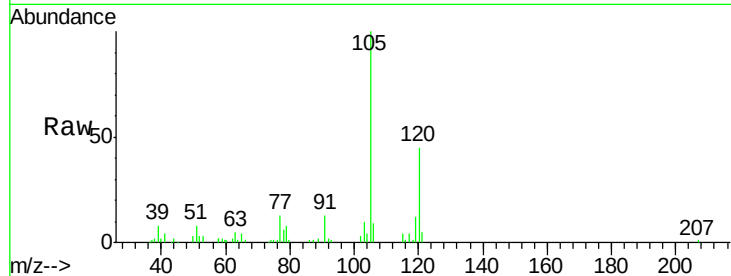




#84
 1,2,4-Trimethylbenzene
 Concen: 4.180 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. -0.00 min
 Lab File: VN052109.D
 Acq: 1 Nov 2018 18:02

Instrument :
 MSVOA_N
 ClientSampleId :
 OR-03-103118-A

Tgt Ion:105 Resp: 63253
 Ion Ratio Lower Upper
 105 100
 120 45.2 21.9 65.5



#95
 Naphthalene
 Concen: 5.619 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN052109.D
 Acq: 1 Nov 2018 18:02

Tgt Ion:128 Resp: 35176
 Ion Ratio Lower Upper
 128 100
 127 12.1 10.5 15.7
 129 12.0 8.6 12.8

