

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021419\
 Data File : VN053780.D
 Acq On : 14 Feb 2019 15:35
 Operator : JC/SP
 Sample : PB117097TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117097TB

Quant Time: Feb 15 04:27:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

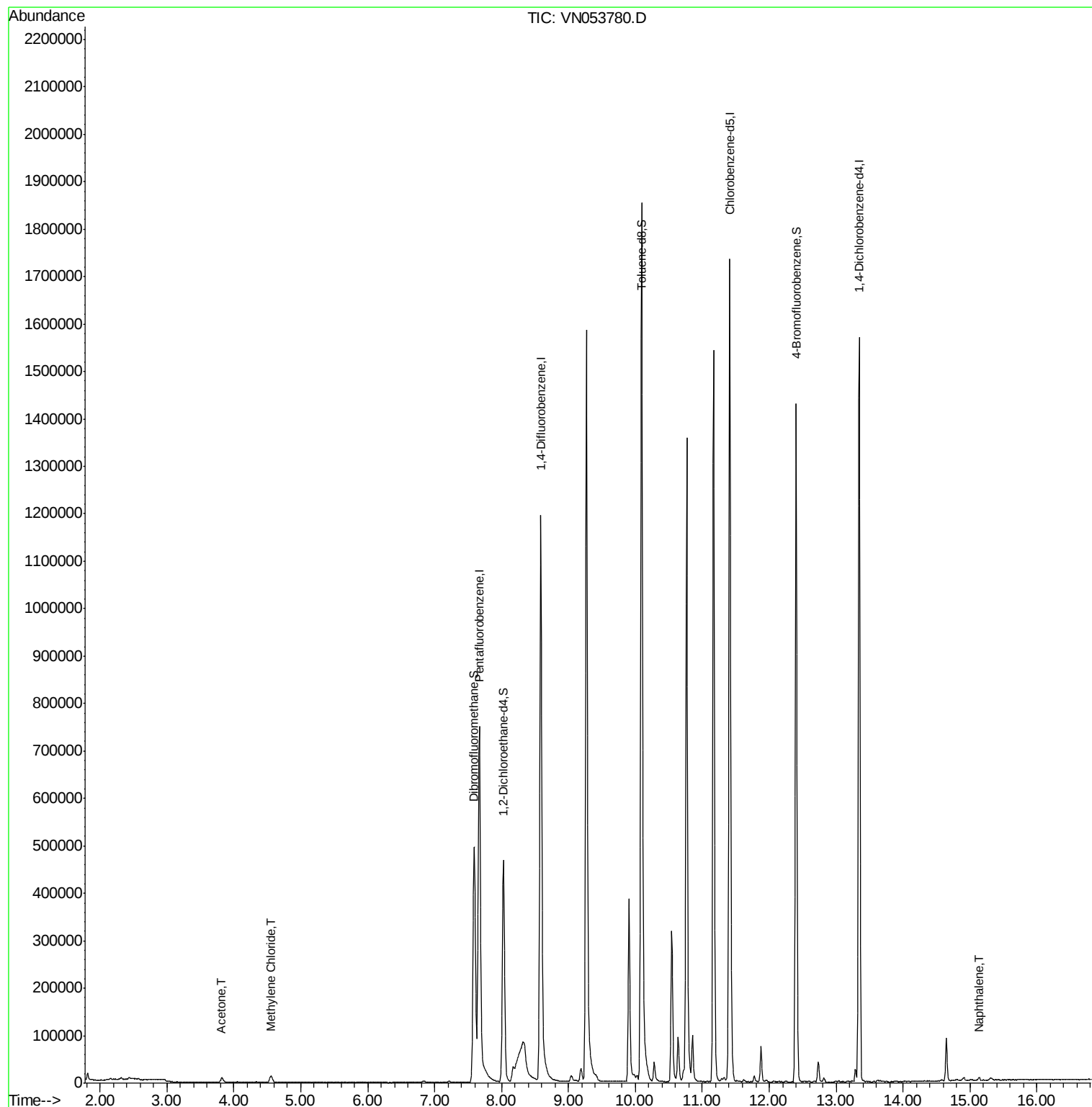
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	756780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1251446	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1180986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	473445	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	395458	52.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.18%	
35) Dibromofluoromethane	7.59	113	392561	49.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.28%	
50) Toluene-d8	10.09	98	1525902	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	
62) 4-Bromofluorobenzene	12.40	95	507006	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
Target Compounds						
16) Acetone	3.82	43	17215	8.840	ug/l	95
20) Methylene Chloride	4.55	84	11468	1.404	ug/l	91
95) Naphthalene	15.13	128	5685	2.000	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# 1833

Delta R.T. 0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

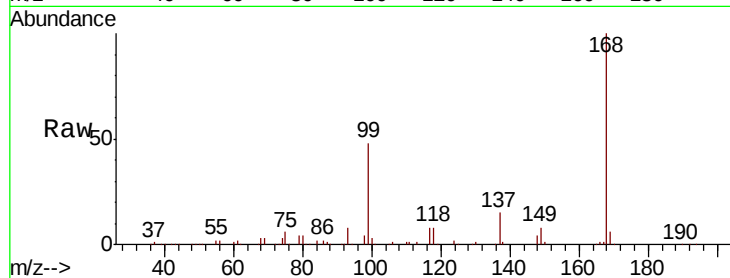
PB117097TB

Tot Ion:168 Resp: 756780

Ion Ratio Lower Upper

168 100

99 47.8 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

300000

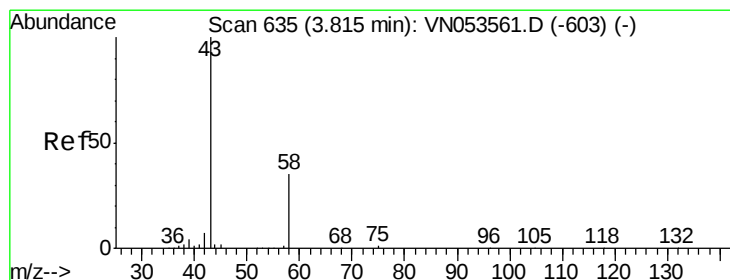
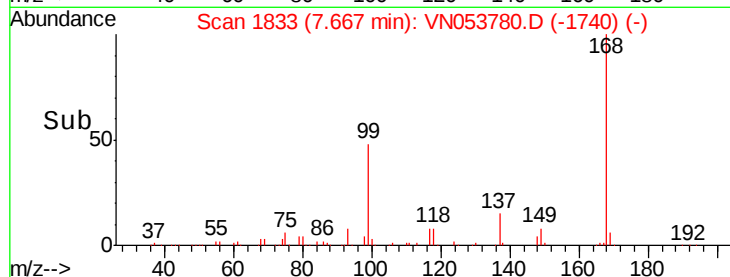
200000

100000

0

Time-->

7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 8.840 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053780.D

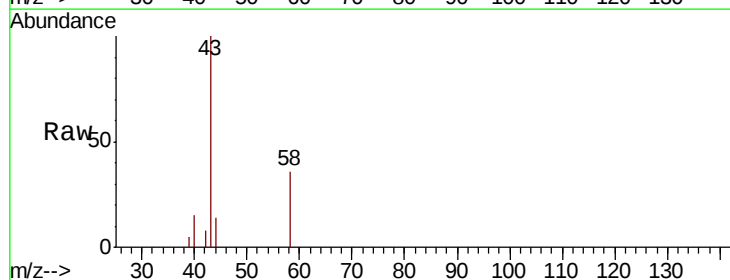
Acq: 14 Feb 2019 15:35

Tgt Ion: 43 Resp: 17215

Ion Ratio Lower Upper

43 100

58 36.5 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

6000

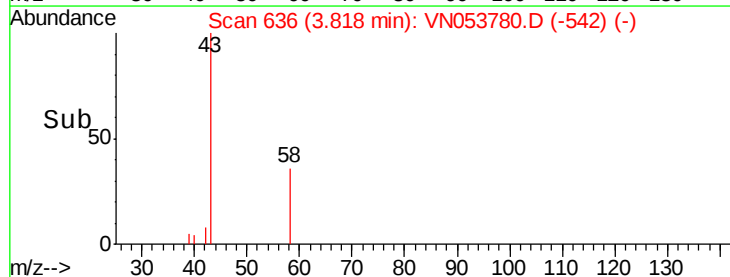
4000

2000

0

Time-->

3.75 3.80 3.85 3.90





#20

Methvlene Chloride

Concen: 1.404 ug/l

RT: 4.55 min Scan# 863

Delta R.T. -0.00 min

Lab File: VN053780.D

Acq: 14 Feb 2019 15:35

Instrument :

MSVOA_N

ClientSampleId :

PB117097TB

Tot Ion: 84 Resp: 11468

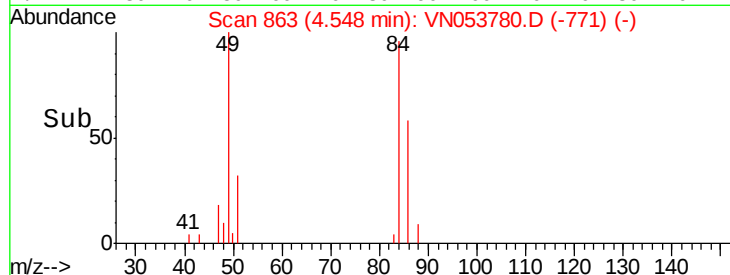
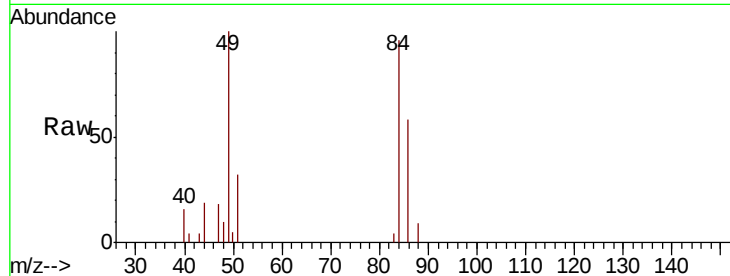
Ion Ratio Lower Upper

84 100

49 104.1 94.3 141.5

51 32.8 29.4 44.2

86 60.8 51.4 77.0



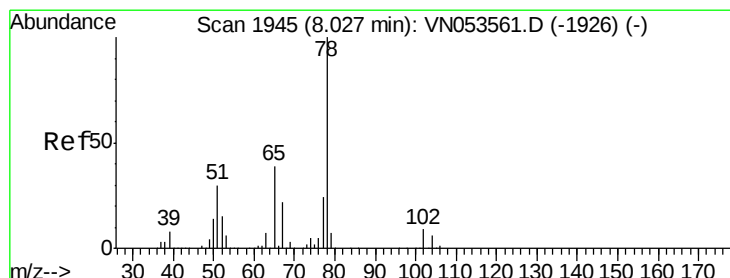
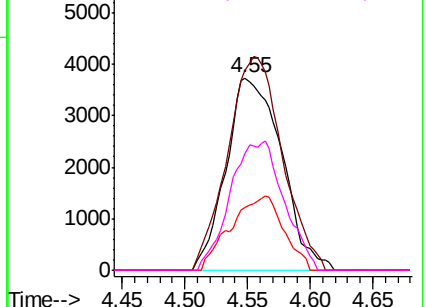
Abundance

Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 52.089 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053780.D

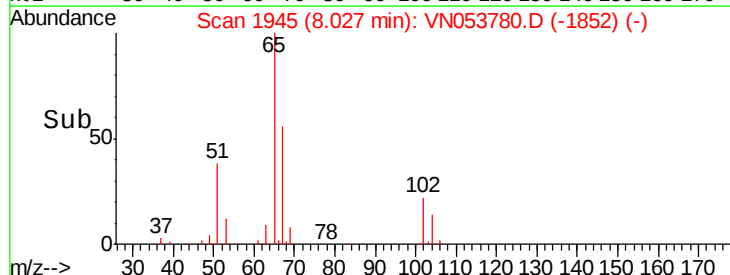
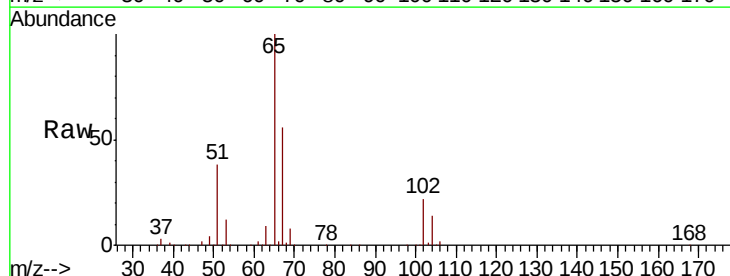
Acq: 14 Feb 2019 15:35

Tgt Ion: 65 Resp: 395458

Ion Ratio Lower Upper

65 100

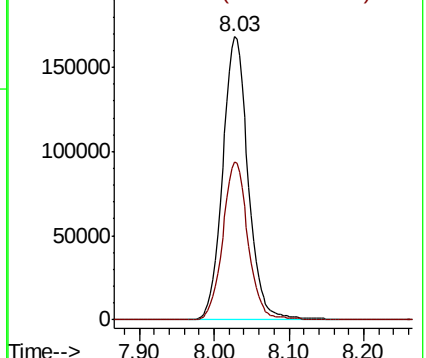
67 55.6 0.0 111.2

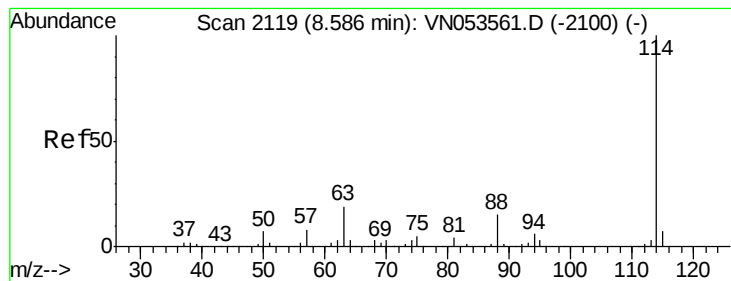


Abundance

Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053780.D

Acq: 14 Feb 2019 15:35

Instrument :

MSVOA_N

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PB117097TB

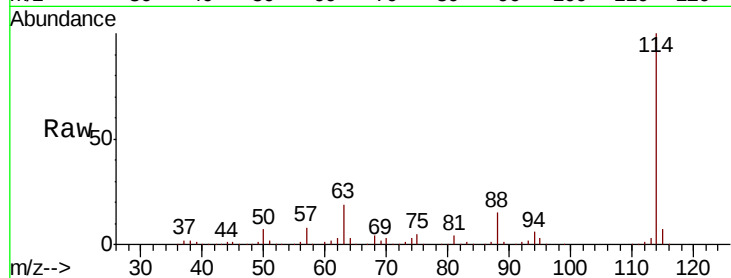
Tot Ion:114 Resp: 1251446

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.6

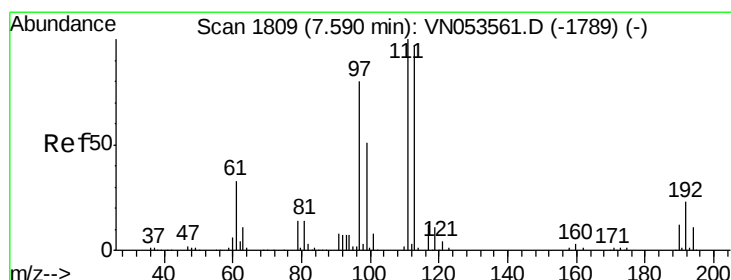
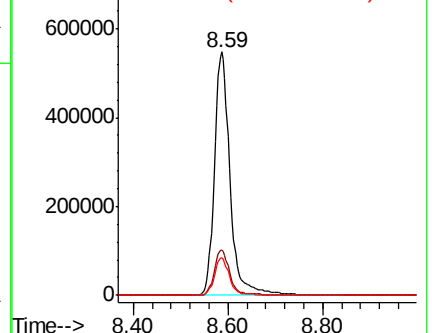
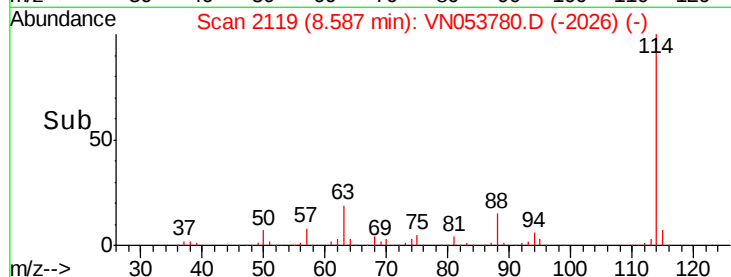
88 15.4 0.0 30.4



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: 49.644 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053780.D

Acq: 14 Feb 2019 15:35

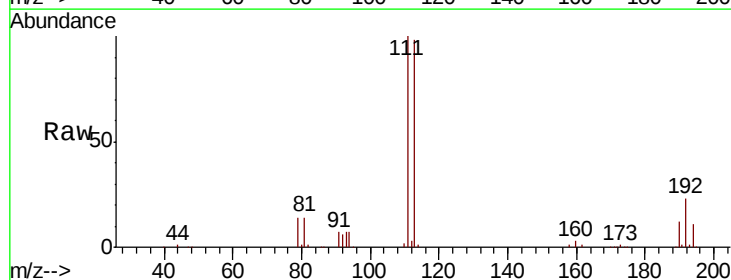
Tgt Ion:113 Resp: 392561

Ion Ratio Lower Upper

113 100

111 103.0 81.1 121.7

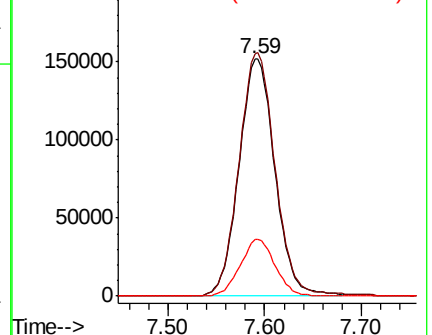
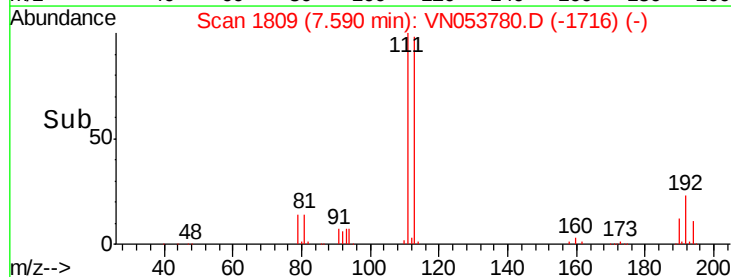
192 23.2 18.2 27.2

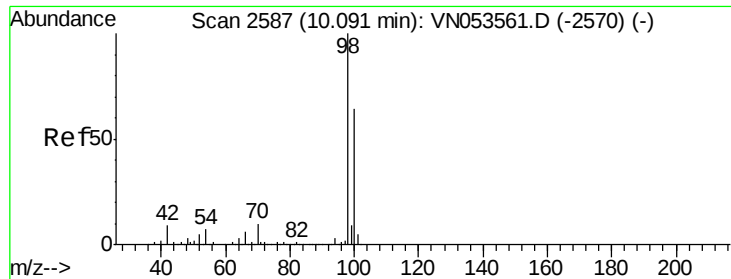


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.392 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053780.D

Acq: 14 Feb 2019 15:35

Instrument :

MSVOA_N

ClientSampleId :

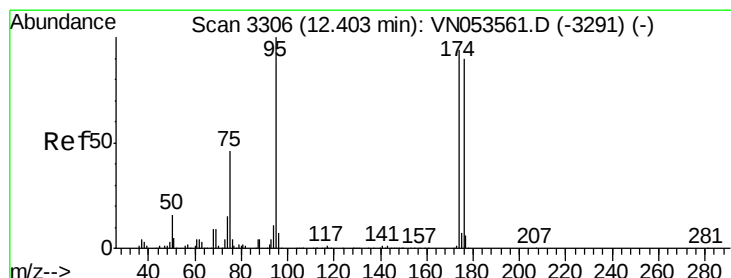
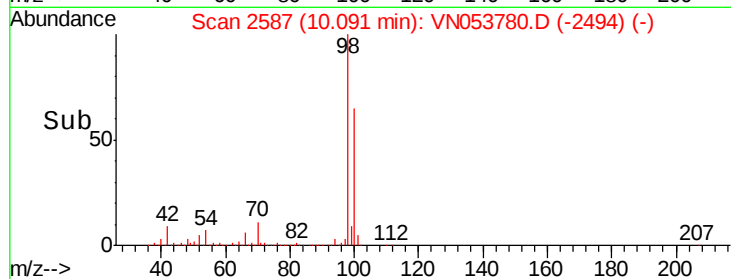
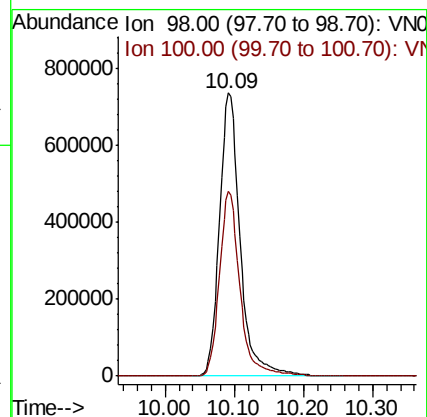
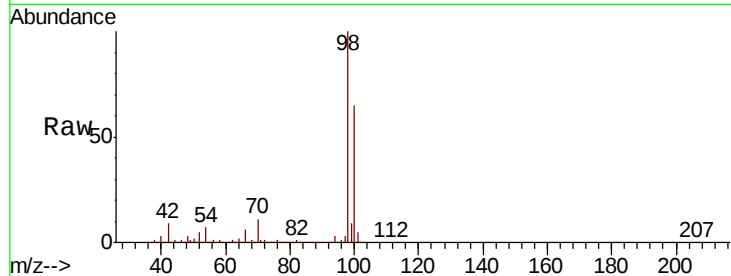
PB117097TB

Tot Ion: 98 Resp: 1525902

Ion Ratio Lower Upper

98 100

100 64.8 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 51.200 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053780.D

Acq: 14 Feb 2019 15:35

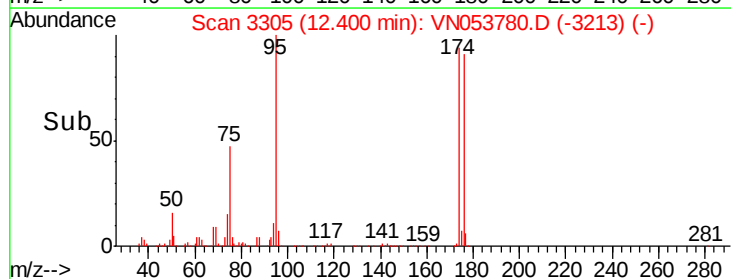
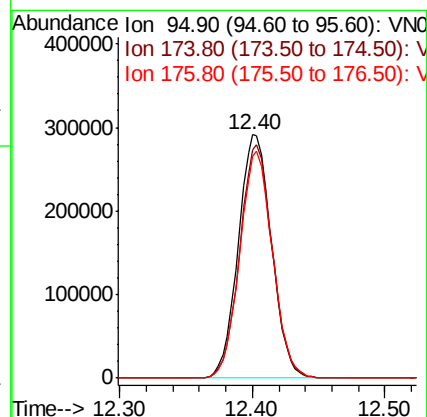
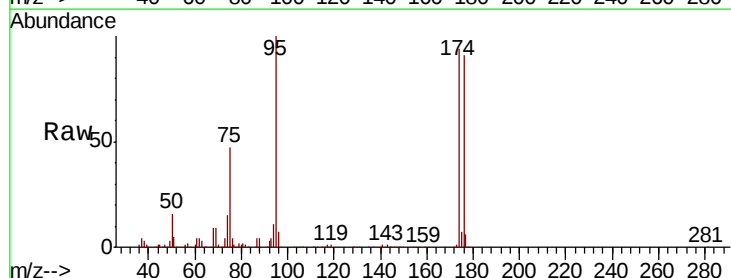
Tgt Ion: 95 Resp: 507006

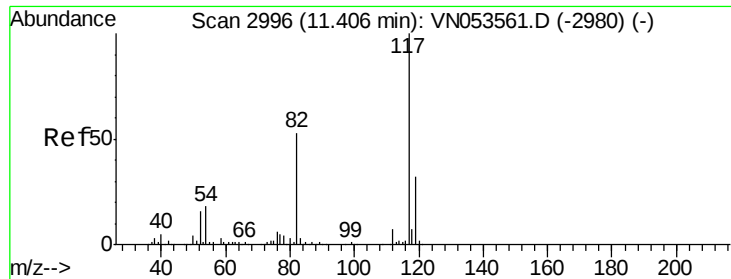
Ion Ratio Lower Upper

95 100

174 94.0 0.0 183.2

176 91.8 0.0 177.4

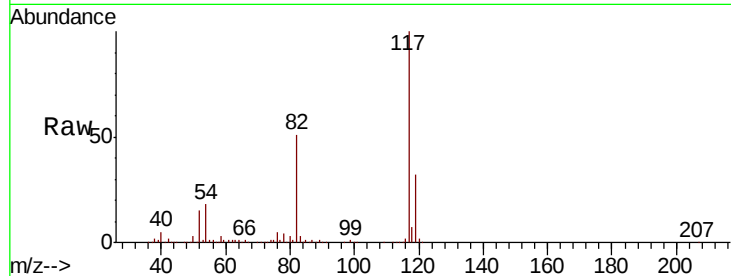




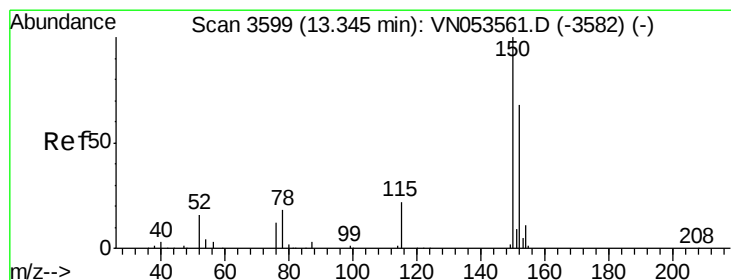
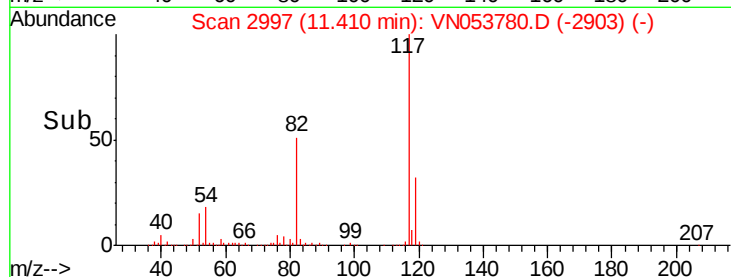
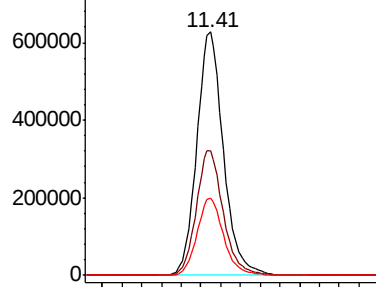
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053780.D
Acq: 14 Feb 2019 15:35

Instrument :
MSVOA_N
ClientSampleId :
PB117097TB

Tot Ion:117 Resp: 1180986
Ion Ratio Lower Upper
117 100
82 51.3 42.9 64.3
119 31.8 26.0 39.0

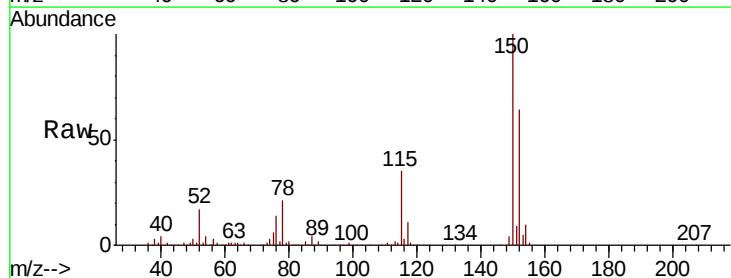


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

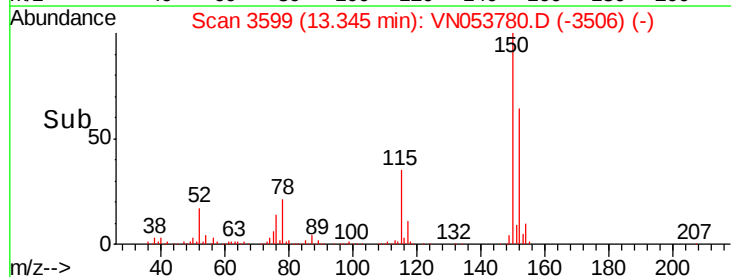
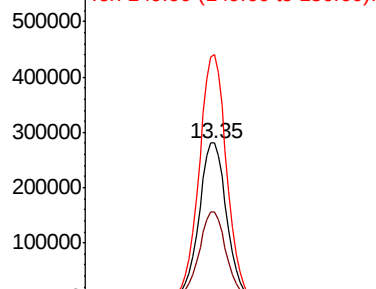


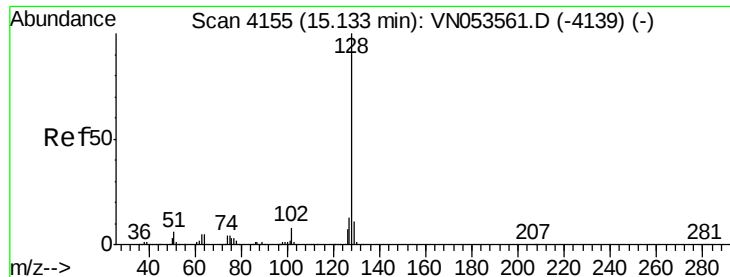
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053780.D
Acq: 14 Feb 2019 15:35

Tgt Ion:152 Resp: 473445
Ion Ratio Lower Upper
152 100
115 54.5 27.8 83.4
150 156.3 0.0 349.0



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





#95

Naphthalene

Concen: 2.000 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053780.D

Acq: 14 Feb 2019 15:35

Instrument :

MSVOA_N

ClientSampleId :

PB117097TB

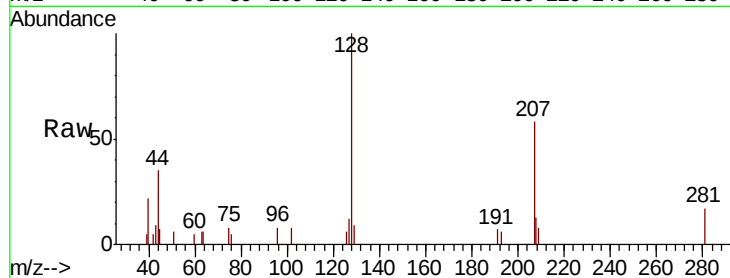
Tot Ion:128 Resp: 5685

Ion Ratio Lower Upper

128 100

127 9.4 10.3 15.5#

129 6.2 8.6 13.0#



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

