

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011420\
 Data File : VN059702.D
 Acq On : 14 Jan 2020 12:49
 Operator : JC/MD
 Sample : L1004-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BU-RO-234

Quant Time: Jan 14 23:00:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 14 08:58:21 2020
 Response via : Initial Calibration

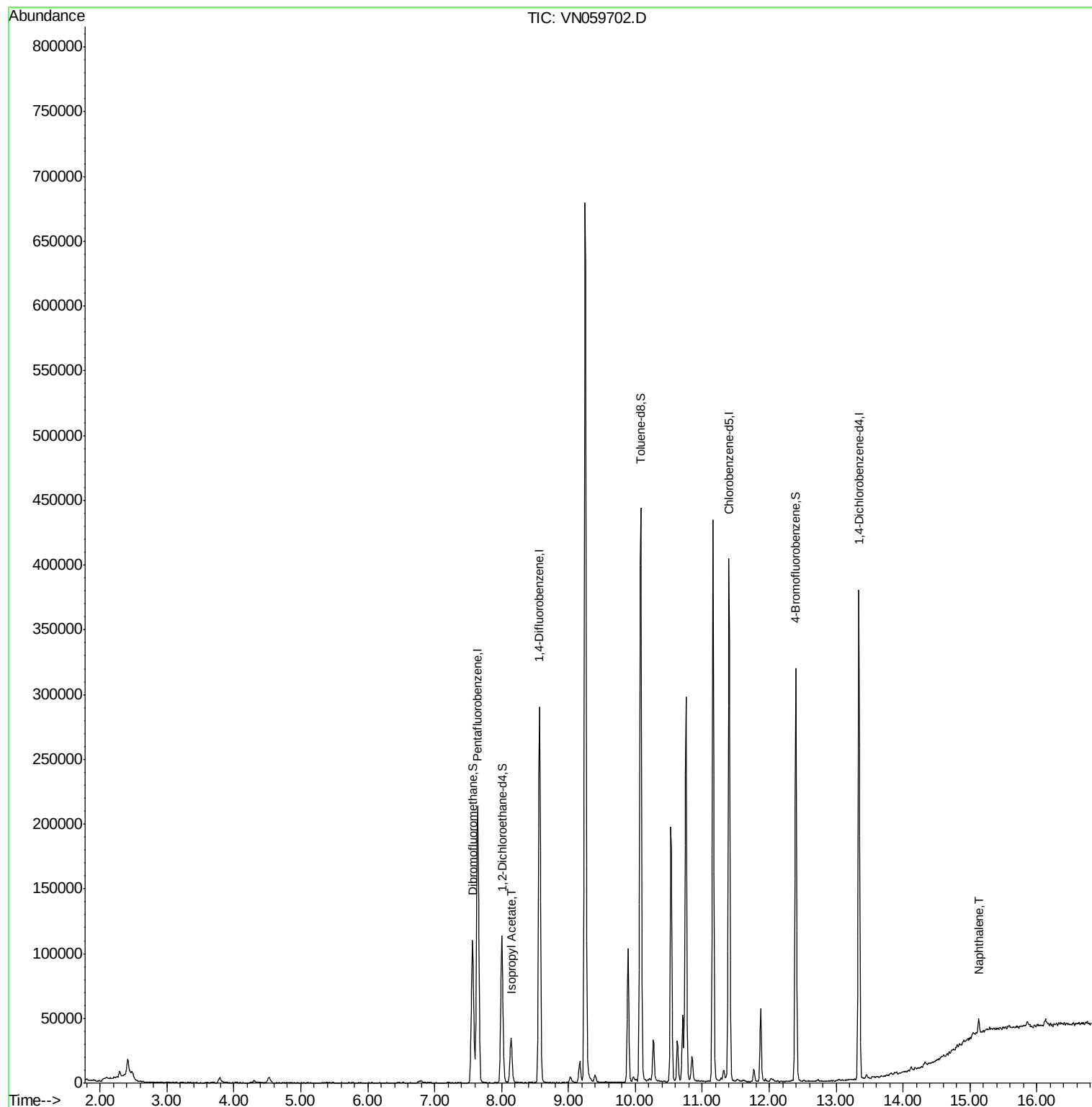
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	184373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	272644	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	234974	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	101080	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	96091	46.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.86%	
35) Dibromofluoromethane	7.57	113	83043	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
50) Toluene-d8	10.08	98	310707	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.64%	
62) 4-Bromofluorobenzene	12.40	95	107981	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.10%	
Target Compounds						
43) Isopropyl Acetate	8.14	43	41854	10.927	ug/l #	90
95) Naphthalene	15.13	128	9601	1.742	ug/l	99

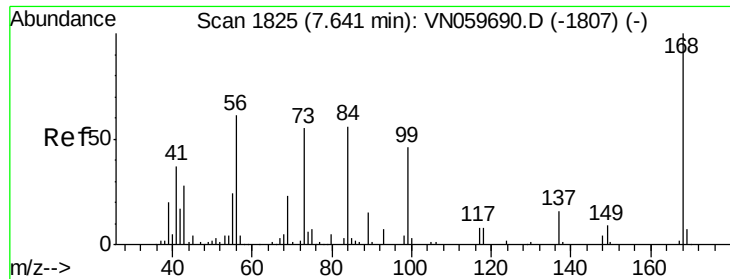
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059702.D

Acq: 14 Jan 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

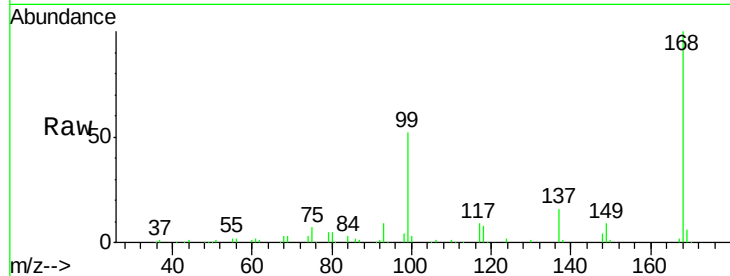
BU-RO-234

Tot Ion:168 Resp: 184373

Ion Ratio Lower Upper

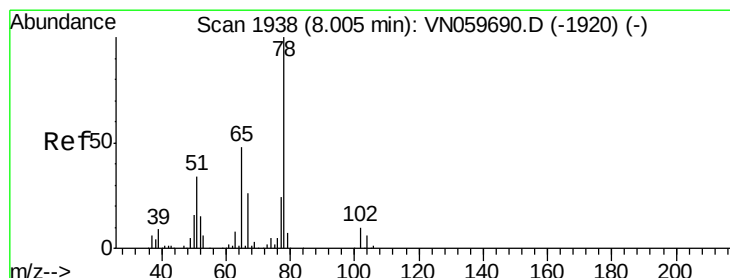
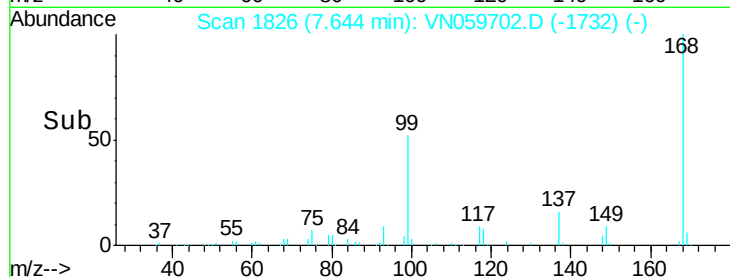
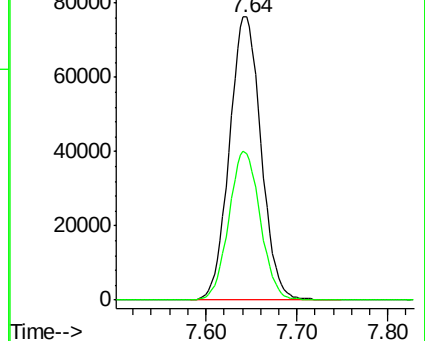
168 100

99 51.7 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 46.931 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059702.D

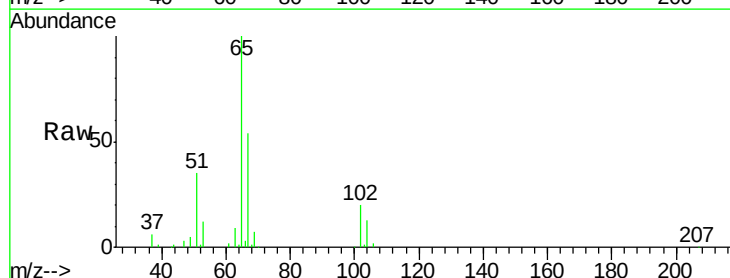
Acq: 14 Jan 2020 12:49

Tgt Ion: 65 Resp: 96091

Ion Ratio Lower Upper

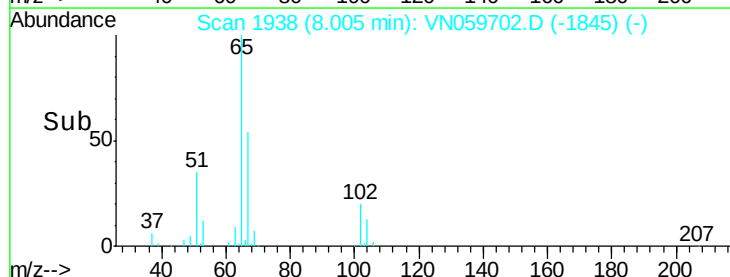
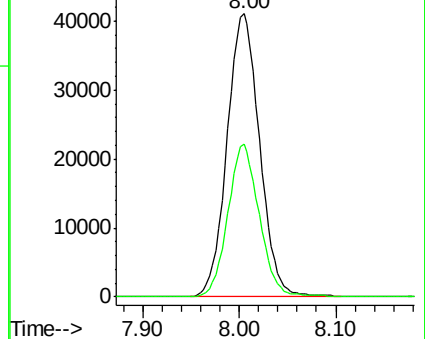
65 100

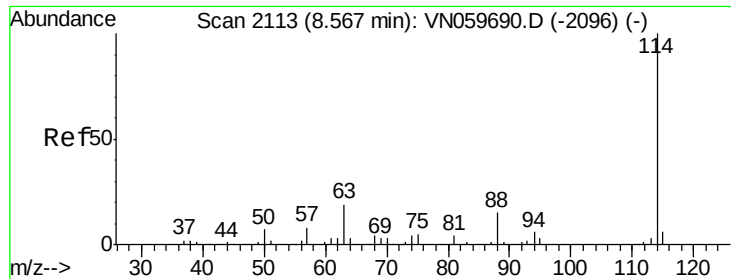
67 51.7 0.0 103.0



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: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN059702.D

Acq: 14 Jan 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

BU-RO-234

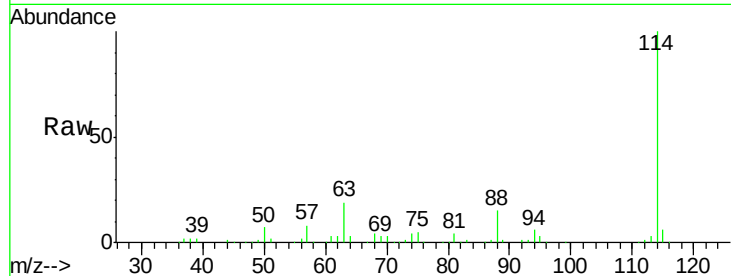
Tot Ion:114 Resp: 272644

Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.6

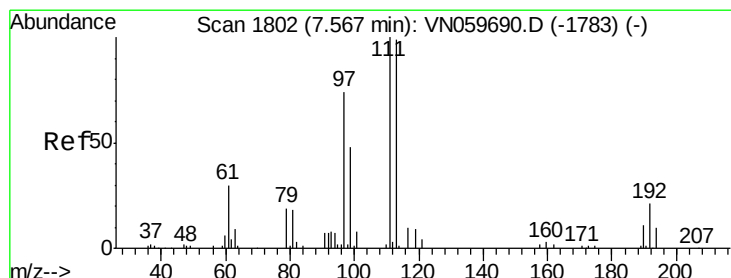
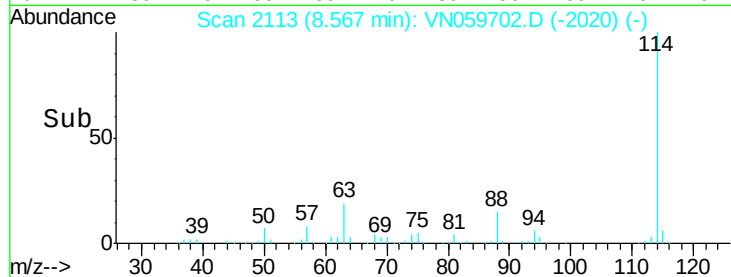
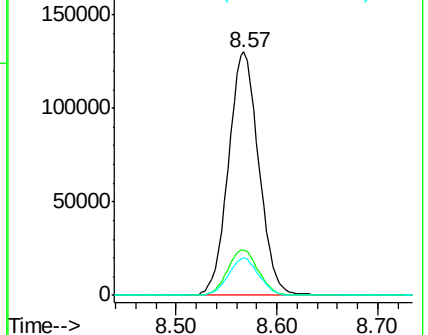
88 15.4 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 51.075 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN059702.D

Acq: 14 Jan 2020 12:49

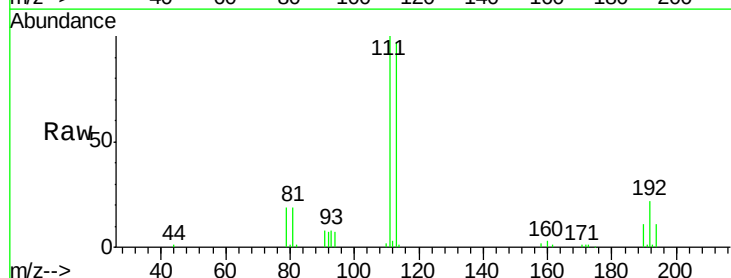
Tgt Ion:113 Resp: 83043

Ion Ratio Lower Upper

113 100

111 104.2 83.5 125.3

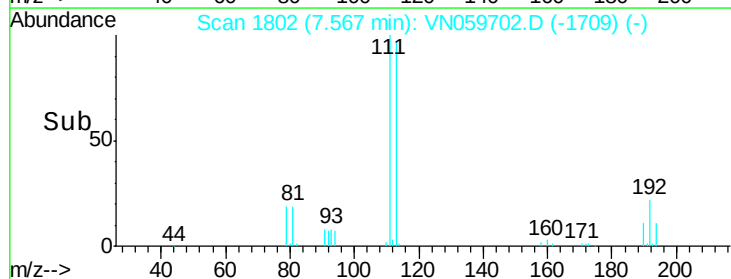
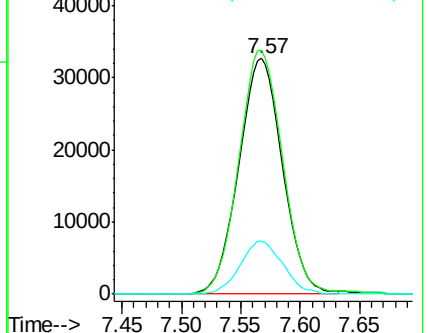
192 22.0 15.4 23.2

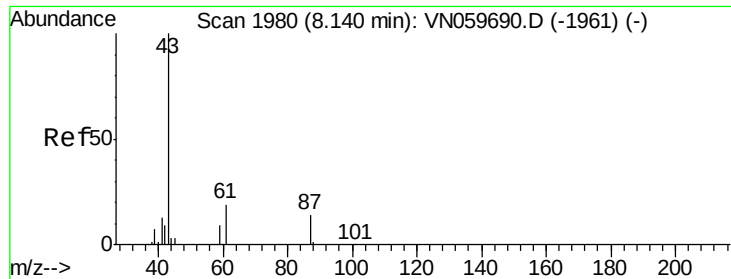


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.927 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059702.D

Acq: 14 Jan 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

BU-RO-234

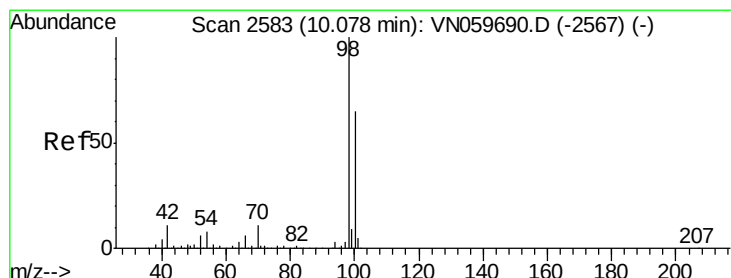
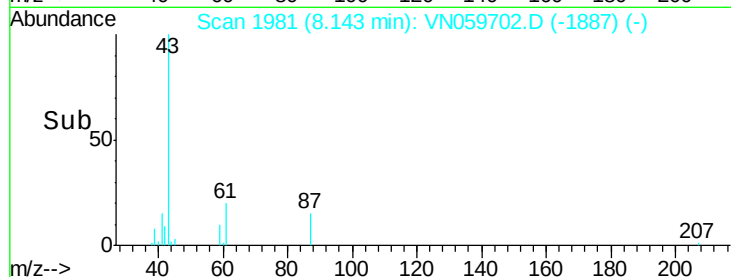
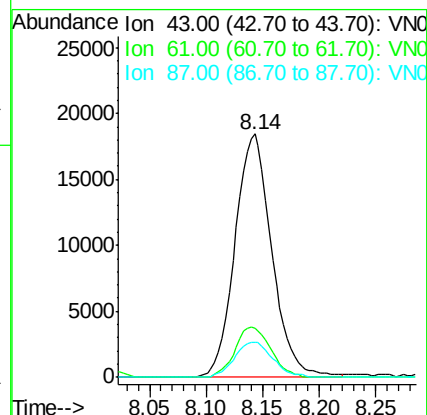
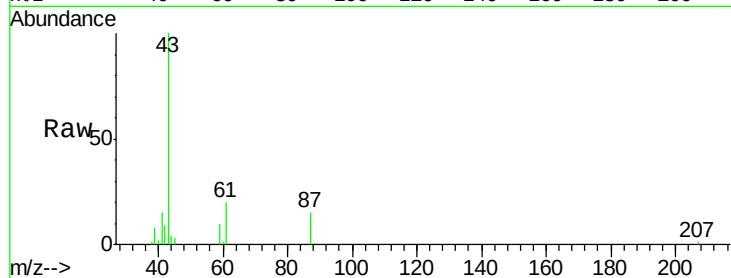
Tot Ion: 43 Resp: 41854

Ion Ratio Lower Upper

43 100

61 20.0 20.2 30.2#

87 15.0 9.5 14.3#



#50

Toluene-d8

Concen: 49.322 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059702.D

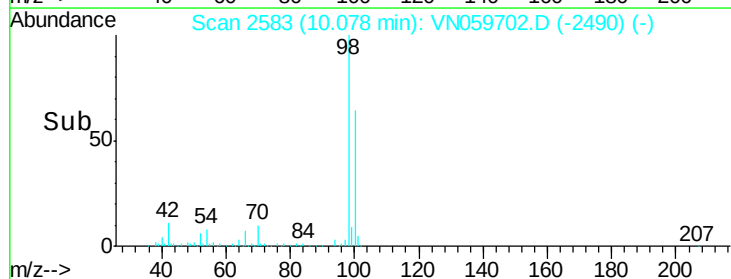
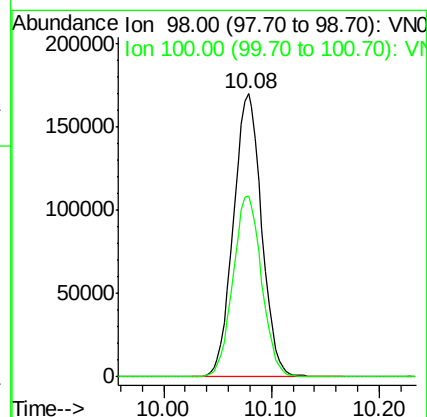
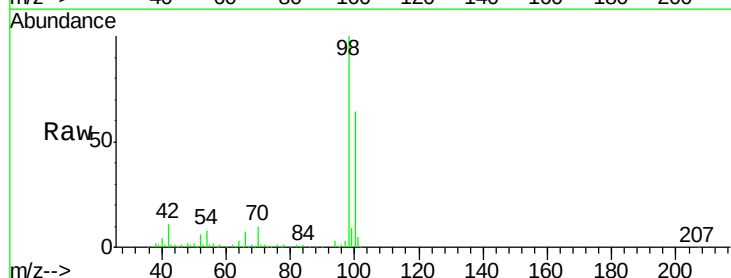
Acq: 14 Jan 2020 12:49

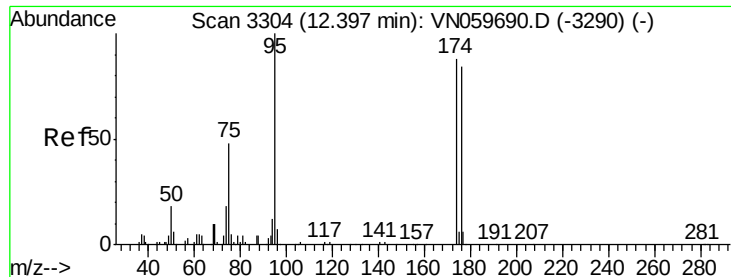
Tgt Ion: 98 Resp: 310707

Ion Ratio Lower Upper

98 100

100 64.7 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 47.548 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059702.D

Acq: 14 Jan 2020 12:49

Instrument :

MSVOA_N

ClientSampleId :

BU-RO-234

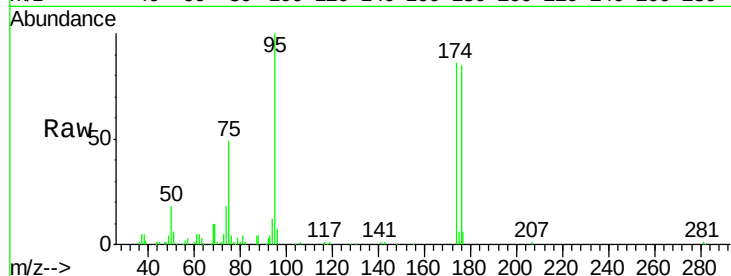
Tot Ion: 95 Resp: 107981

Ion Ratio Lower Upper

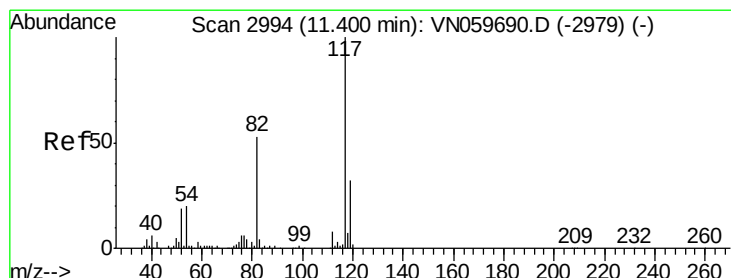
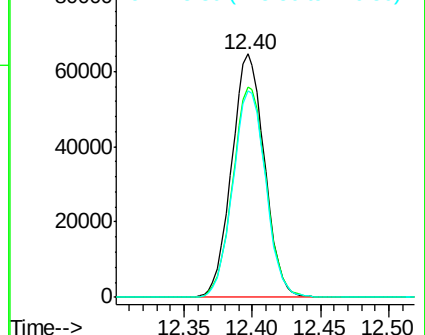
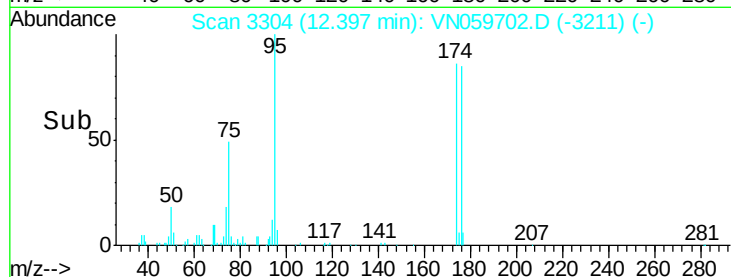
95 100

174 87.2 0.0 151.4

176 85.4 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059702.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059702.D

Acq: 14 Jan 2020 12:49

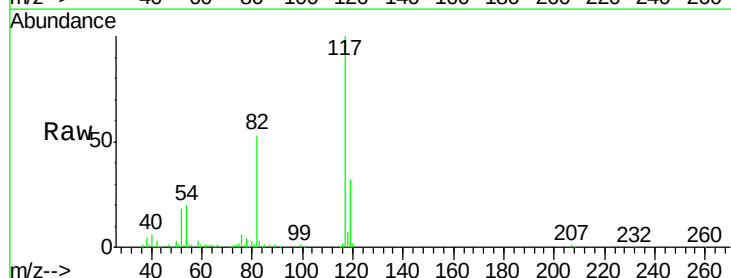
Tgt Ion: 117 Resp: 234974

Ion Ratio Lower Upper

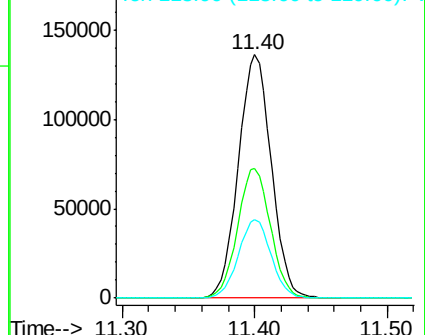
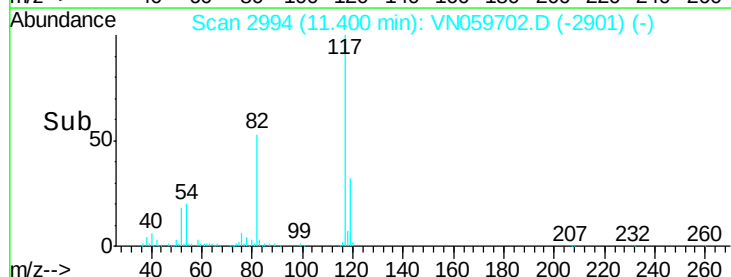
117 100

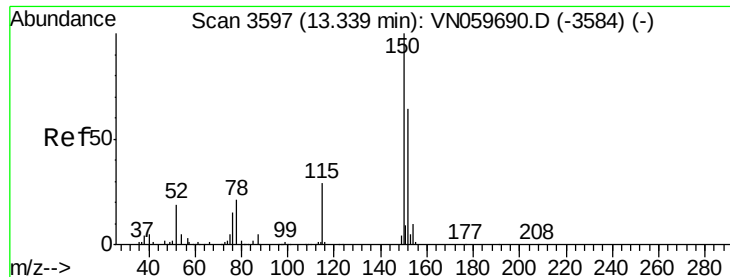
82 53.3 45.9 68.9

119 32.5 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN059702.D (-2901) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059702.D

Acq: 14 Jan 2020 12:49

Instrument :

MSVOA_N

ClientSampled :

BU-RO-234

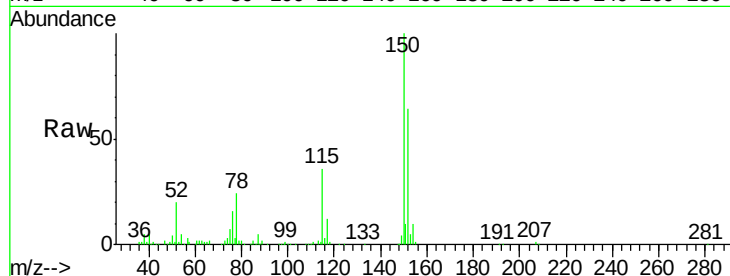
Tot Ion:152 Resp: 101080

Ion Ratio Lower Upper

152 100

115 58.0 30.3 90.9

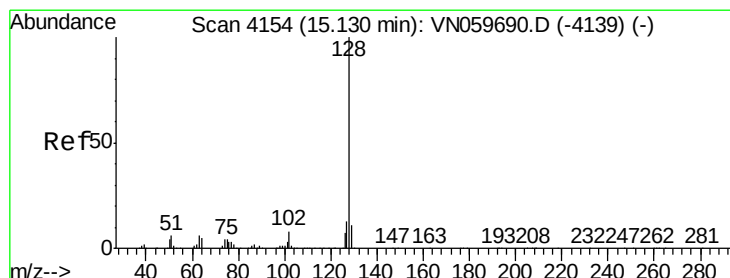
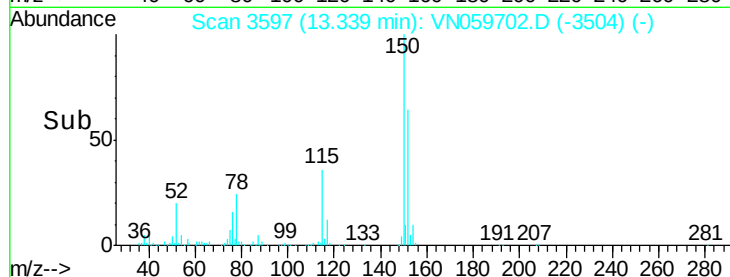
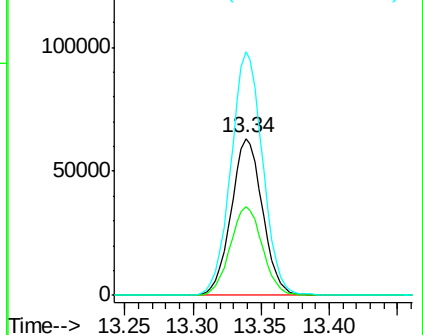
150 157.1 0.0 345.2



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: 1.742 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN059702.D

Acq: 14 Jan 2020 12:49

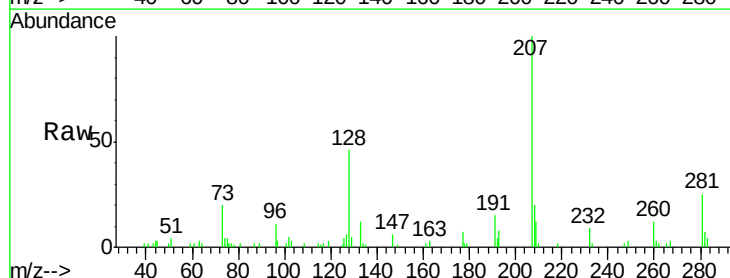
Tgt Ion:128 Resp: 9601

Ion Ratio Lower Upper

128 100

127 12.8 10.4 15.6

129 10.3 8.6 12.8



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

