

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011420\
 Data File : VN059703.D
 Acq On : 14 Jan 2020 13:13
 Operator : JC/MD
 Sample : L1004-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BU-RO-229

Quant Time: Jan 14 23:02:20 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

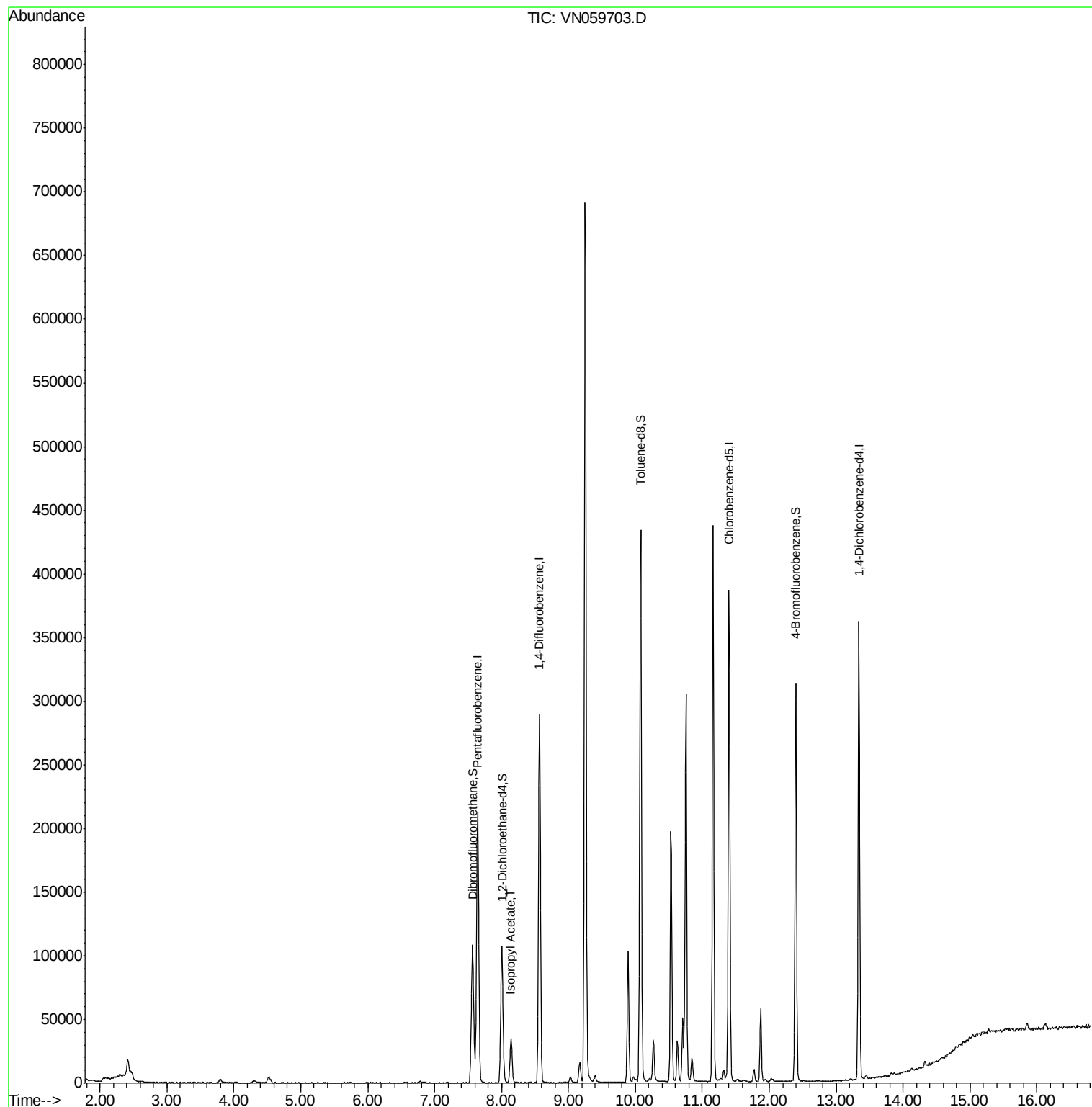
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	182011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	268903	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	227614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	100727	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	93218	46.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.24%	
35) Dibromofluoromethane	7.57	113	82056	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	
50) Toluene-d8	10.08	98	301571	48.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.08%	
62) 4-Bromofluorobenzene	12.40	95	104341	46.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.16%	
Target Compounds						
43) Isopropyl Acetate	8.14	43	41132	10.888	ug/l	Qvalue 92

(#) = 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: VN059703.D

Acq: 14 Jan 2020 13:13

Instrument :

MSVOA_N

ClientSampled :

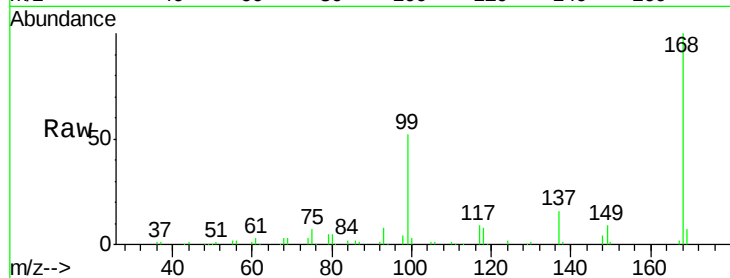
BU-RO-229

Tot Ion:168 Resp: 182011

Ion Ratio Lower Upper

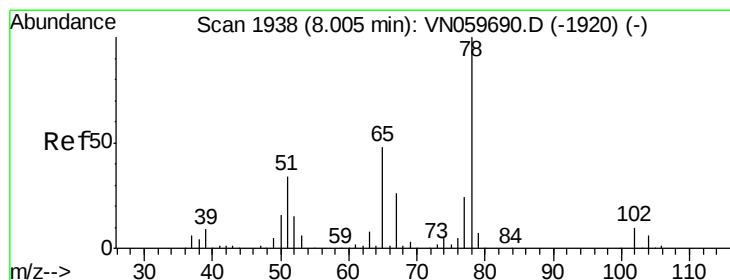
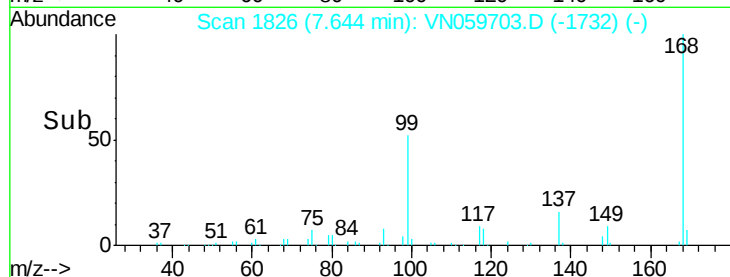
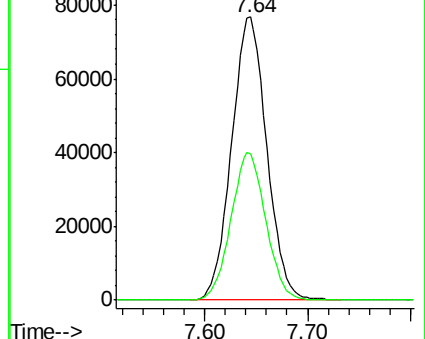
168 100

99 51.8 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: 46.118 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059703.D

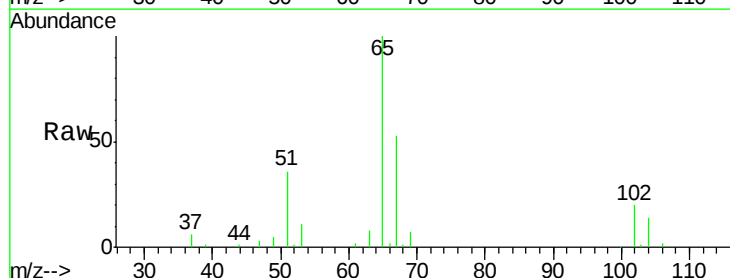
Acq: 14 Jan 2020 13:13

Tgt Ion: 65 Resp: 93218

Ion Ratio Lower Upper

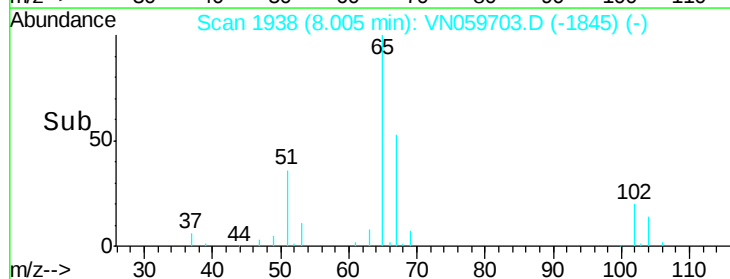
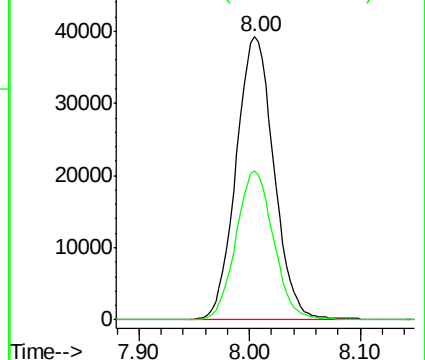
65 100

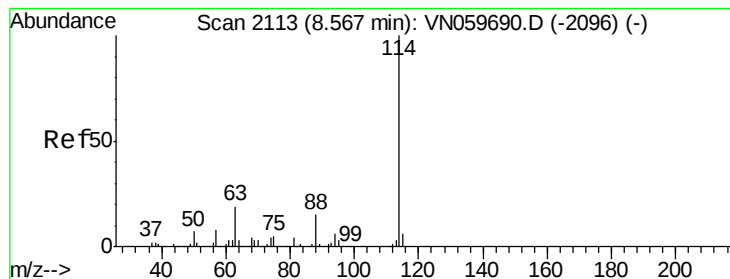
67 52.2 0.0 103.0



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: VN059703.D

Acq: 14 Jan 2020 13:13

Instrument :

MSVOA_N

ClientSampleId :

BU-RO-229

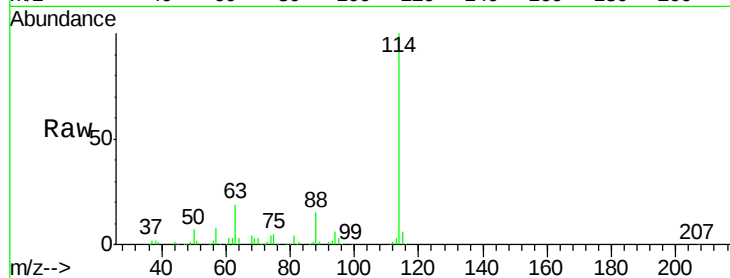
Tot Ion:114 Resp: 268903

Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.6

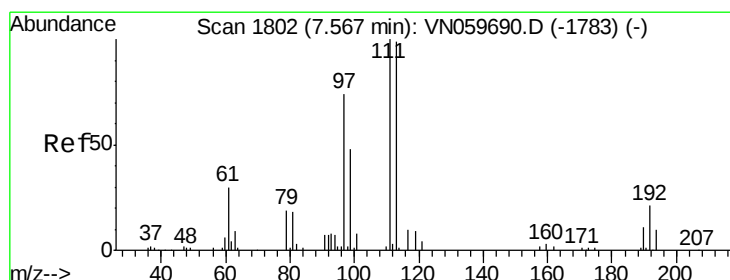
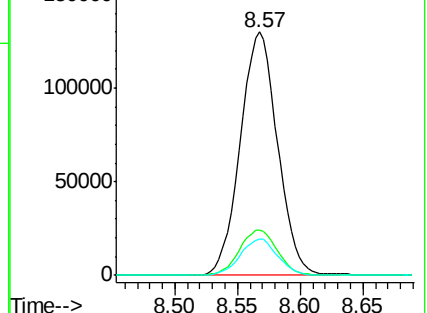
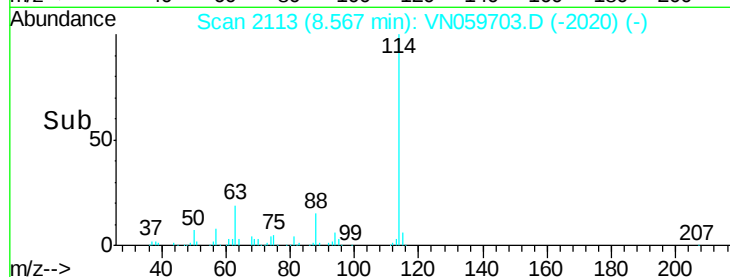
88 15.0 0.0 31.4



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: 51.170 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN059703.D

Acq: 14 Jan 2020 13:13

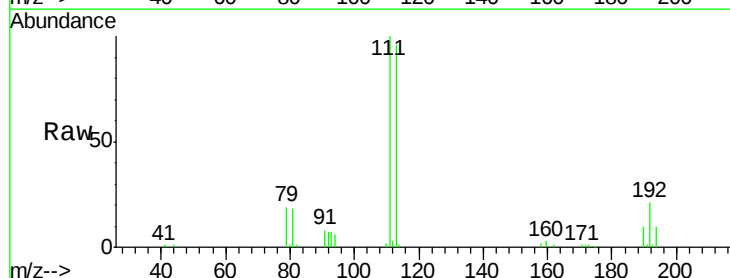
Tgt Ion:113 Resp: 82056

Ion Ratio Lower Upper

113 100

111 103.0 83.5 125.3

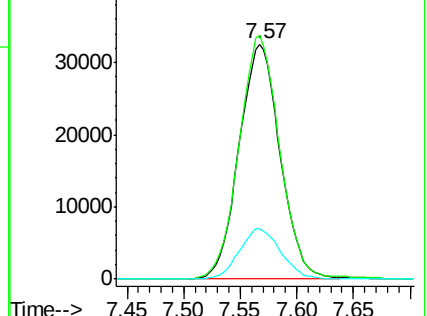
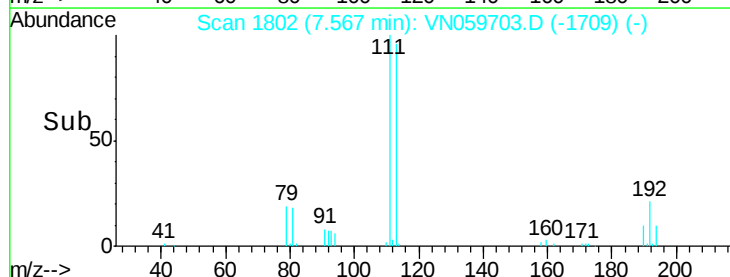
192 21.6 15.4 23.2

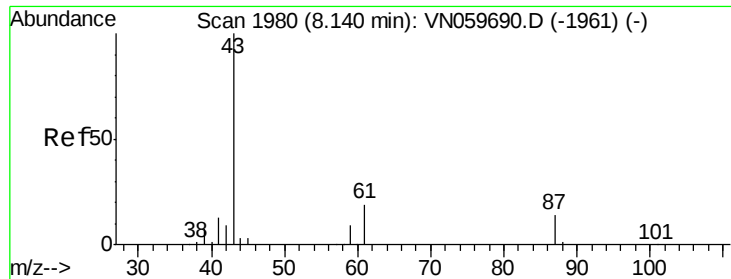


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 10.888 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059703.D

Acq: 14 Jan 2020 13:13

Instrument :

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ClientSampleId :

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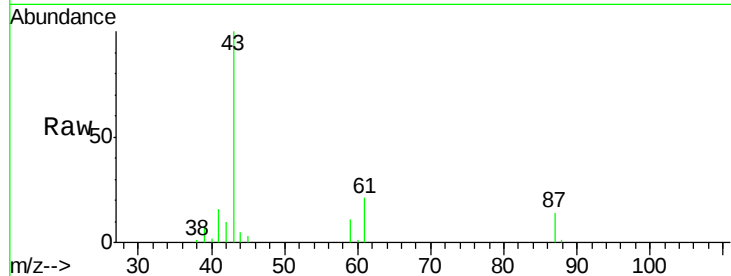
Tot Ion: 43 Resp: 41132

Ion Ratio Lower Upper

43 100

61 20.4 20.2 30.2

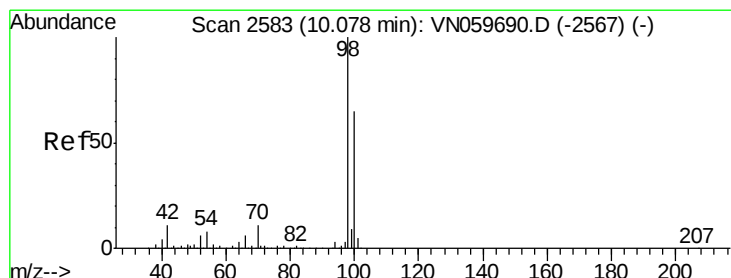
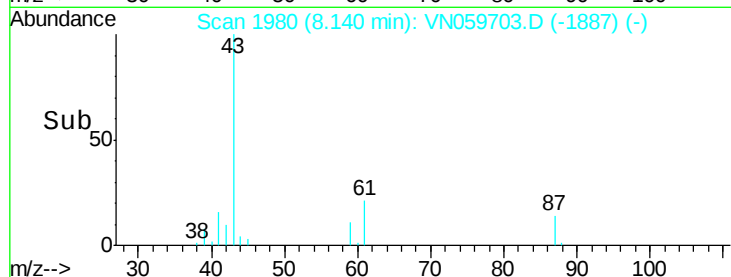
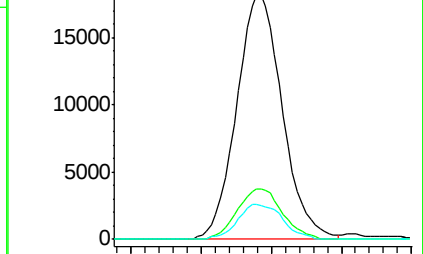
87 14.1 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VN059703.D (-1887) (-)

Ion 61.00 (60.70 to 61.70): VN059703.D (-1887) (-)

Ion 87.00 (86.70 to 87.70): VN059703.D (-1887) (-)



#50

Toluene-d8

Concen: 48.538 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059703.D

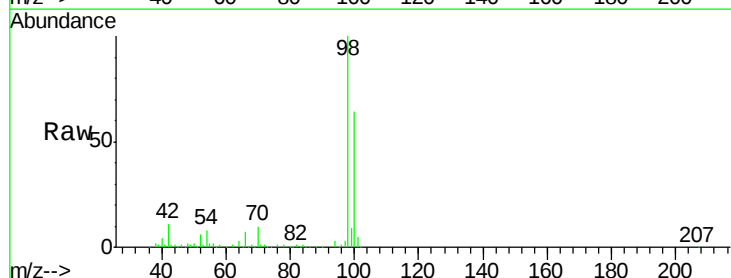
Acq: 14 Jan 2020 13:13

Tgt Ion: 98 Resp: 301571

Ion Ratio Lower Upper

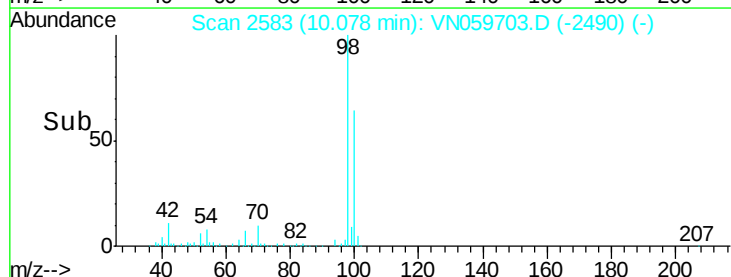
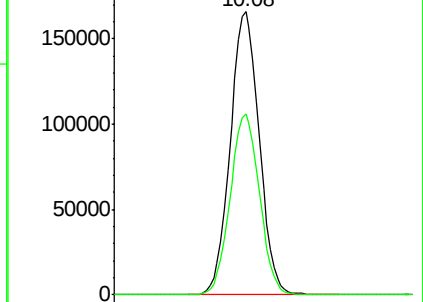
98 100

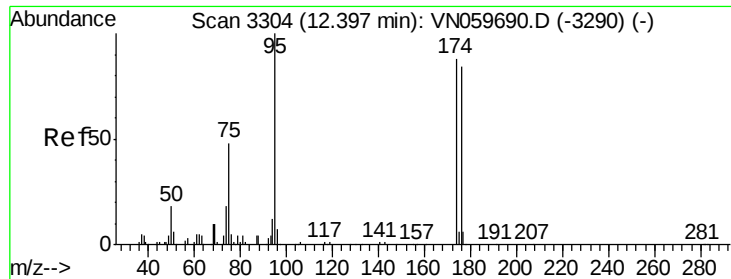
100 64.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN059703.D (-2490) (-)

Ion 100.00 (99.70 to 100.70): VN059703.D (-2490) (-)

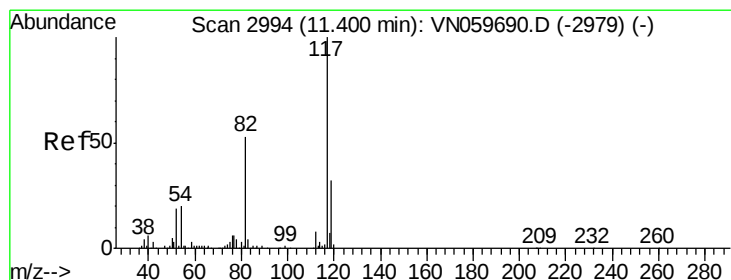
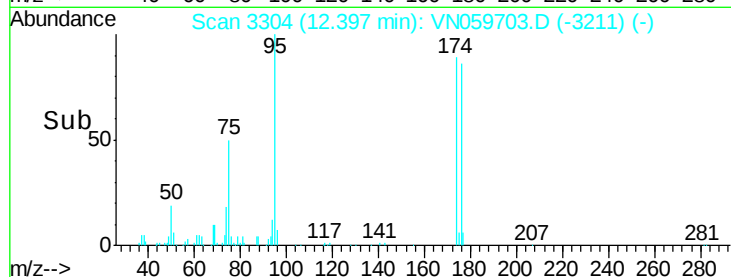
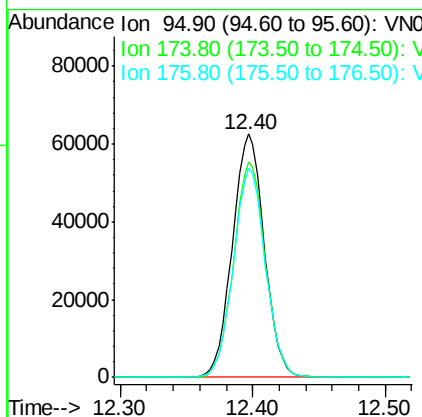
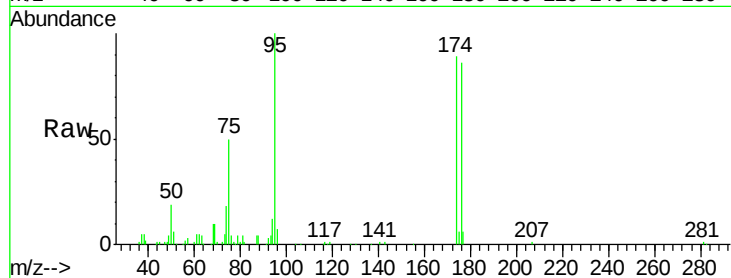




#62
4-Bromofluorobenzene
Concen: 46.585 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN059703.D
Acq: 14 Jan 2020 13:13

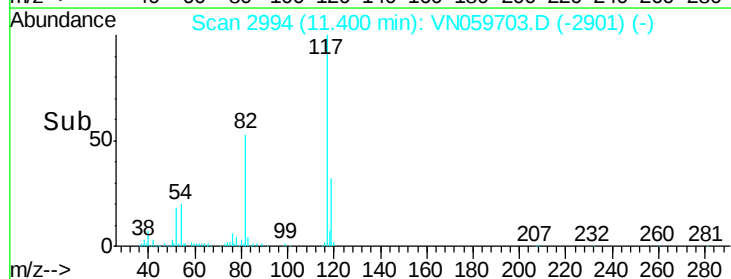
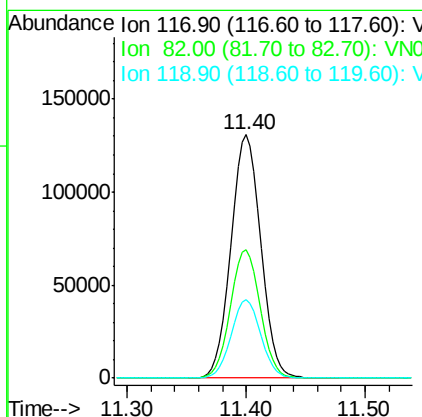
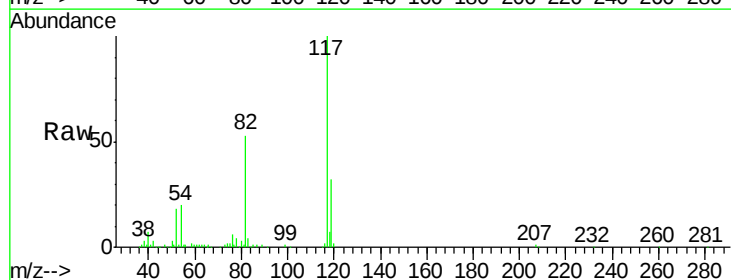
Instrument :
MSVOA_N
ClientSampleId :
BU-RO-229

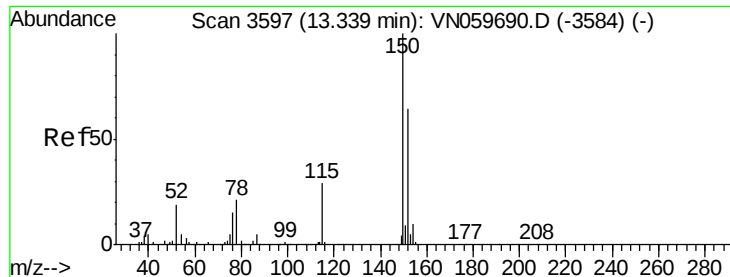
Tot Ion: 95 Resp: 104341
Ion Ratio Lower Upper
95 100
174 88.5 0.0 151.4
176 86.2 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059703.D
Acq: 14 Jan 2020 13:13

Tgt Ion: 117 Resp: 227614
Ion Ratio Lower Upper
117 100
82 52.6 45.9 68.9
119 32.1 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059703.D

Acq: 14 Jan 2020 13:13

Instrument :

MSVOA_N

ClientSampleId :

BU-RO-229

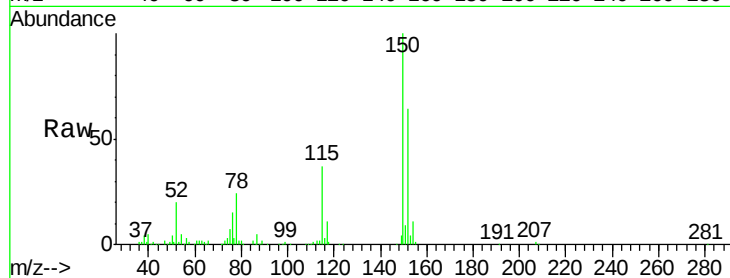
Tot Ion:152 Resp: 100727

Ion Ratio Lower Upper

152 100

115 56.3 30.3 90.9

150 153.0 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

