

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011420\
 Data File : VN059701.D
 Acq On : 14 Jan 2020 12:26
 Operator : JC/MD
 Sample : L1004-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BU-RO-258

Quant Time: Jan 14 22:57:54 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

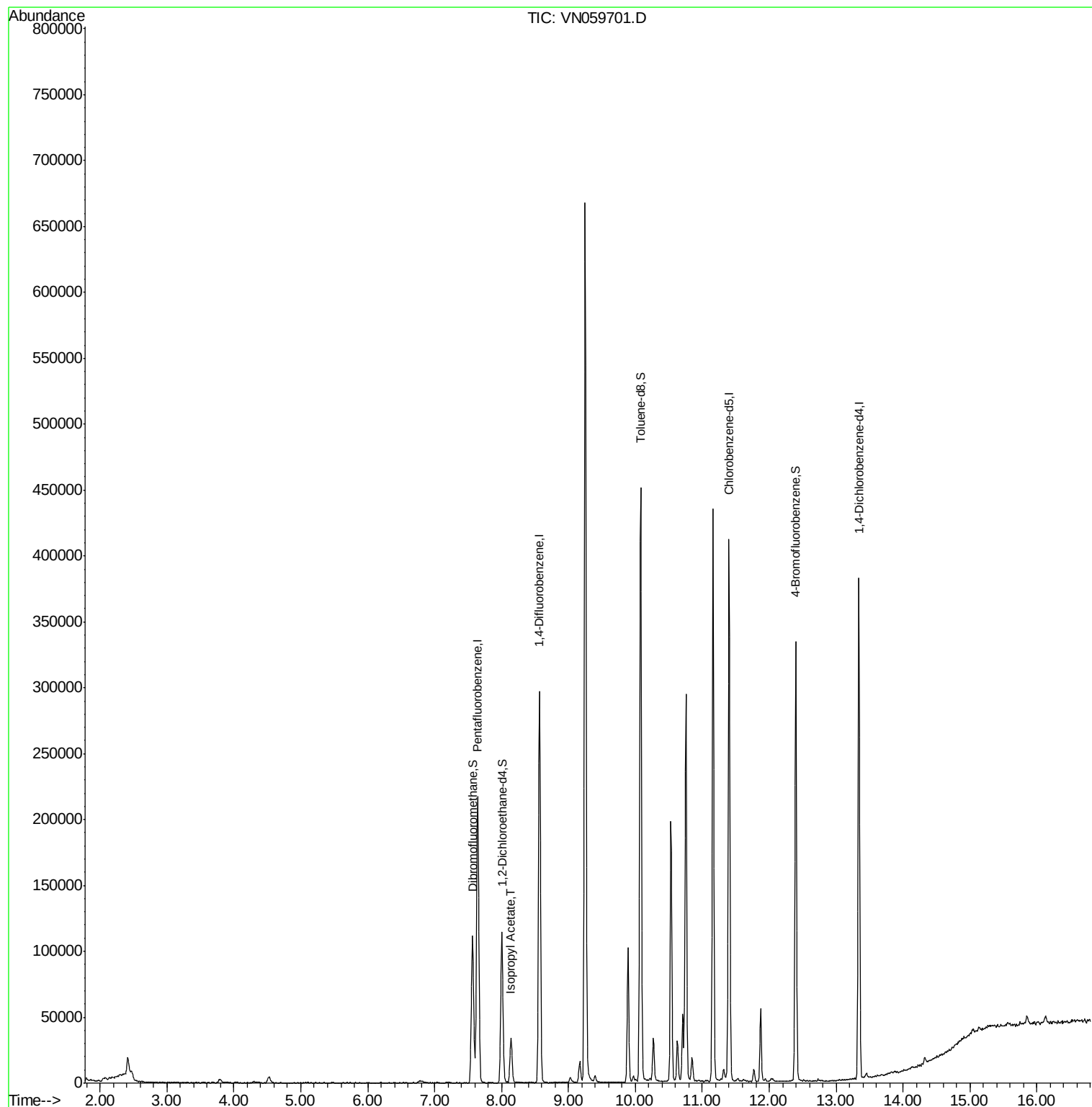
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	187288	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	279993	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	240825	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	105091	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	98162	47.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.40%	
35) Dibromofluoromethane	7.57	113	85022	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
50) Toluene-d8	10.08	98	314928	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
62) 4-Bromofluorobenzene	12.40	95	110741	47.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.96%	
Target Compounds						
43) Isopropyl Acetate	8.14	43	40810	10.375	ug/l #	90

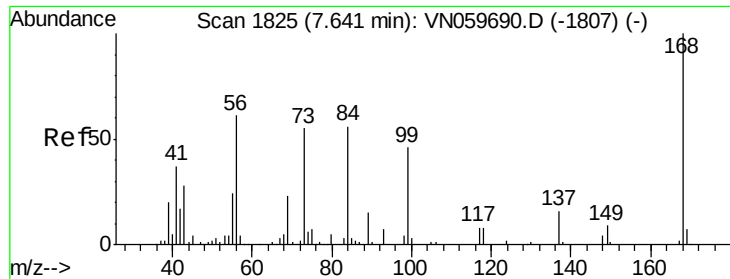
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059701.D

Acq: 14 Jan 2020 12:26

Instrument :

MSVOA_N

ClientSampled :

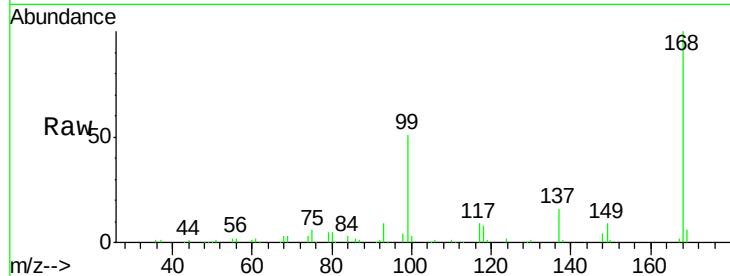
BU-RO-258

Tot Ion:168 Resp: 187288

Ion Ratio Lower Upper

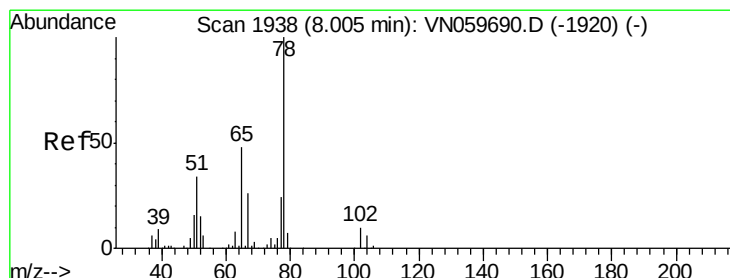
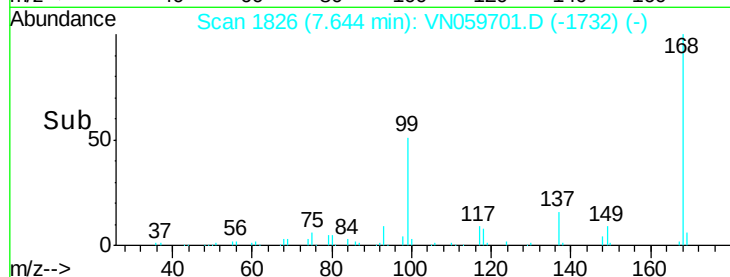
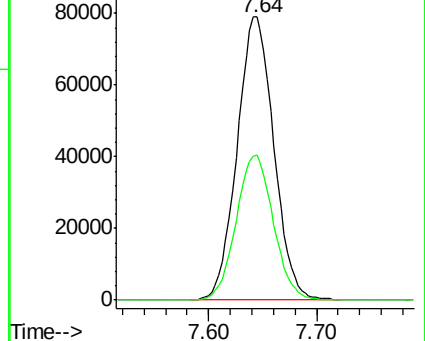
168 100

99 51.2 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: 47.196 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059701.D

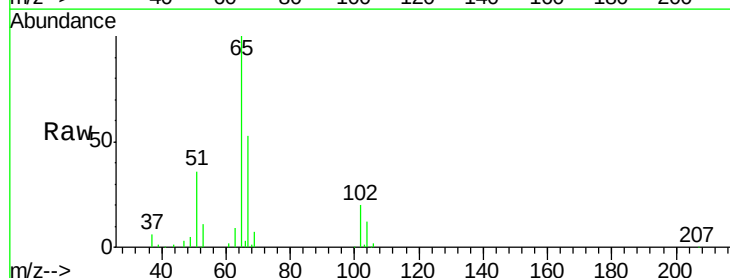
Acq: 14 Jan 2020 12:26

Tgt Ion: 65 Resp: 98162

Ion Ratio Lower Upper

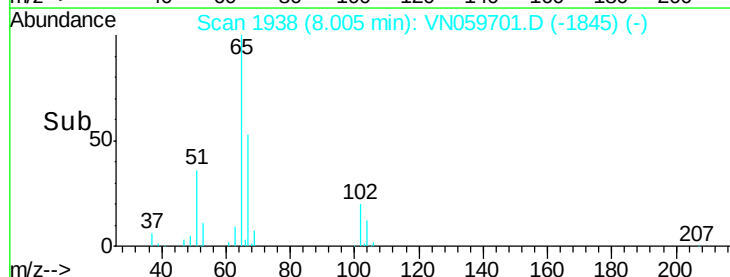
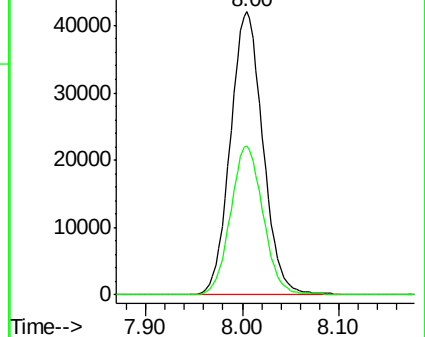
65 100

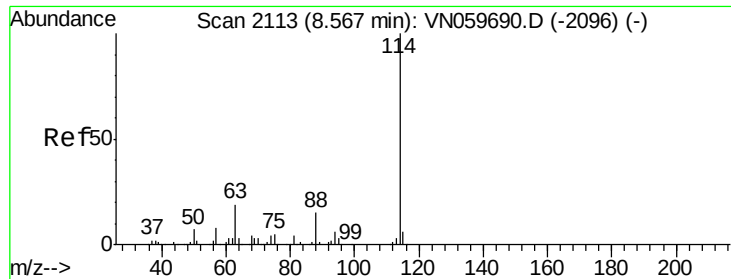
67 52.7 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

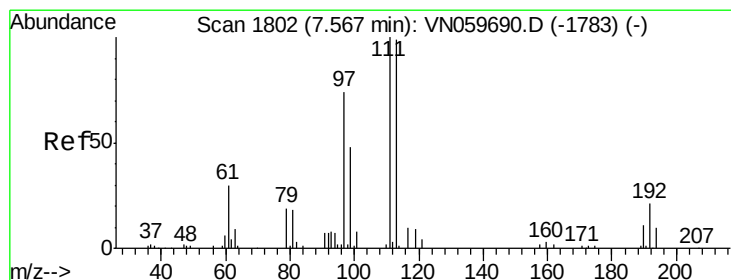
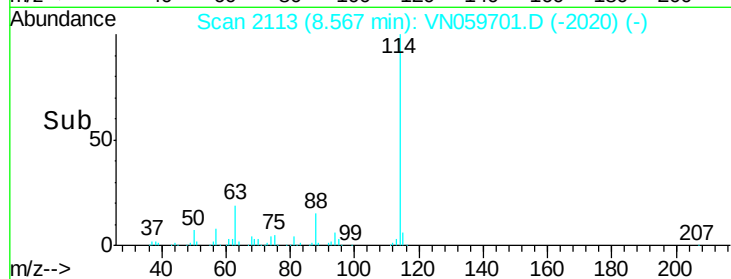
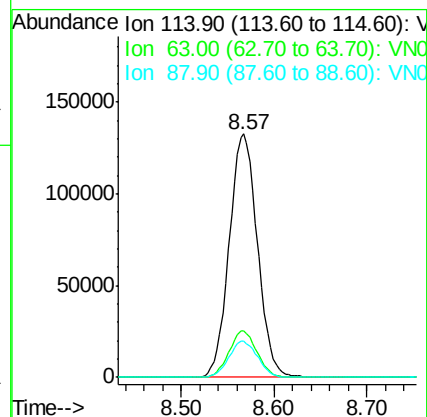
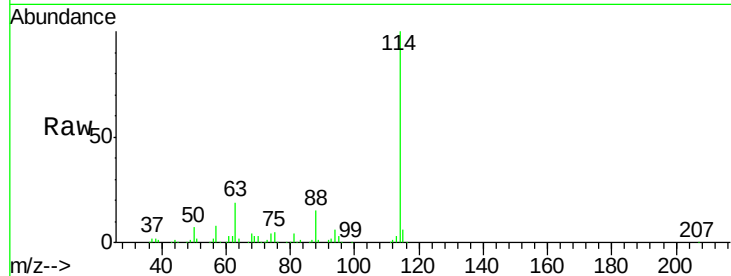




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059701.D
 Acq: 14 Jan 2020 12:26

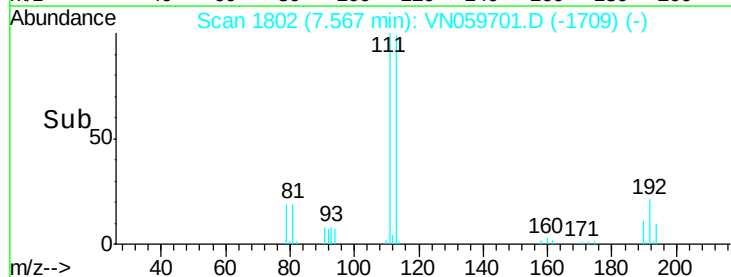
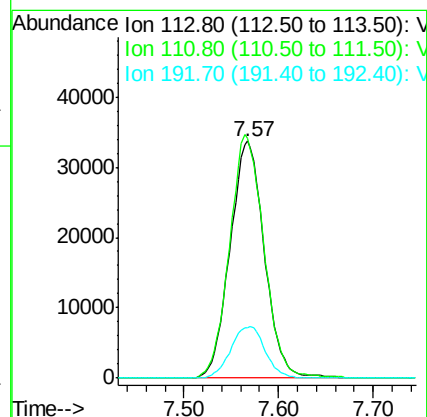
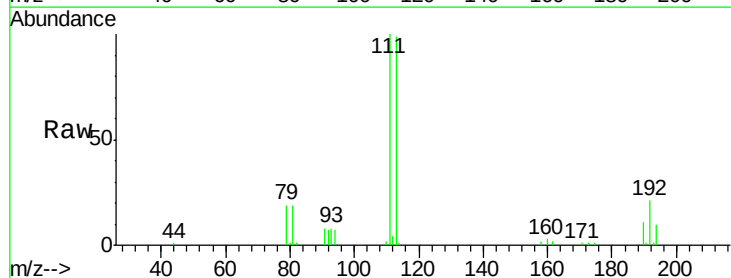
Instrument :
 MSVOA_N
 ClientSampleId :
 BU-RO-258

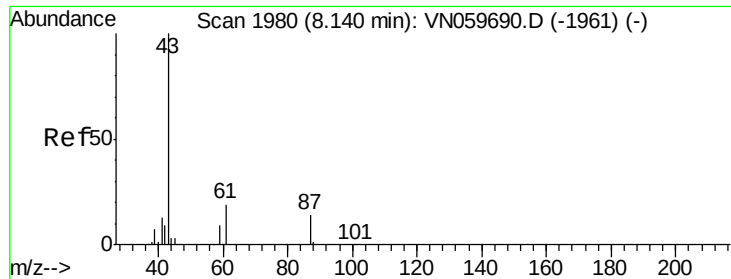
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	43.6
88	14.9	0.0	31.4



#35
 Dibromofluoromethane
 Concen: 50.920 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059701.D
 Acq: 14 Jan 2020 12:26

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	83.5	125.3
192	21.6	15.4	23.2





#43

Isopropyl Acetate

Concen: 10.375 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059701.D

Acq: 14 Jan 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

BU-RO-258

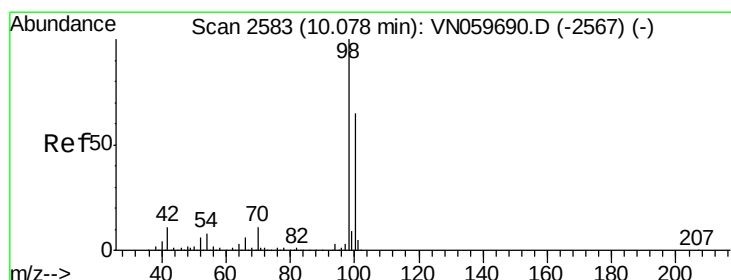
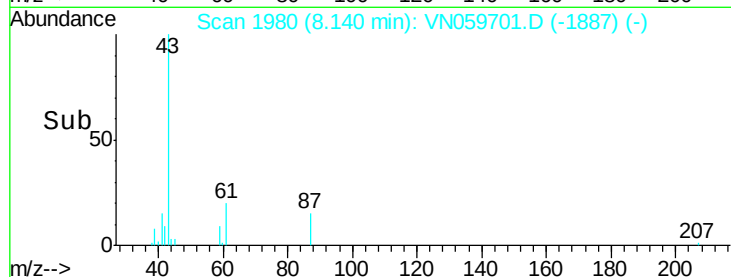
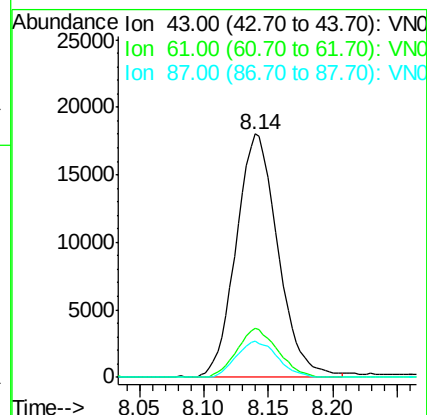
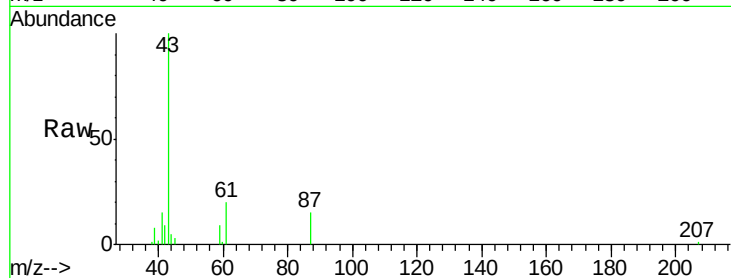
Tot Ion: 43 Resp: 40810

Ion Ratio Lower Upper

43 100

61 19.5 20.2 30.2#

87 14.4 9.5 14.3#



#50

Toluene-d8

Concen: 48.680 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059701.D

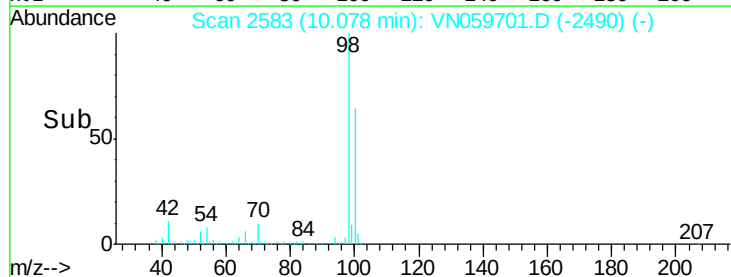
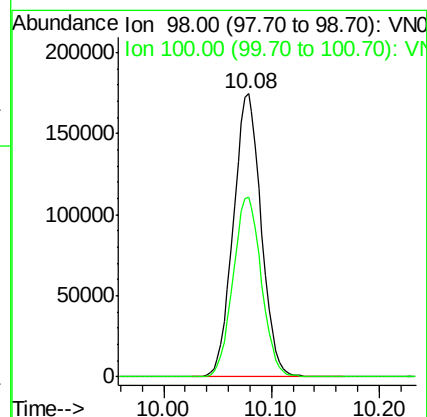
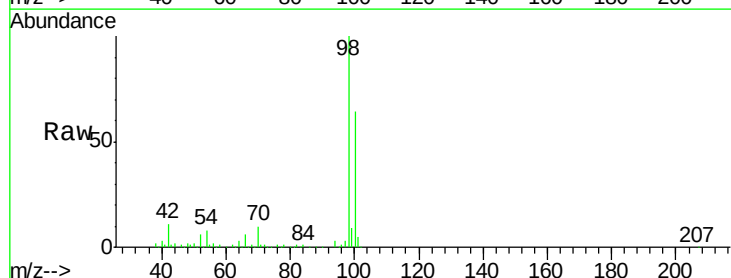
Acq: 14 Jan 2020 12:26

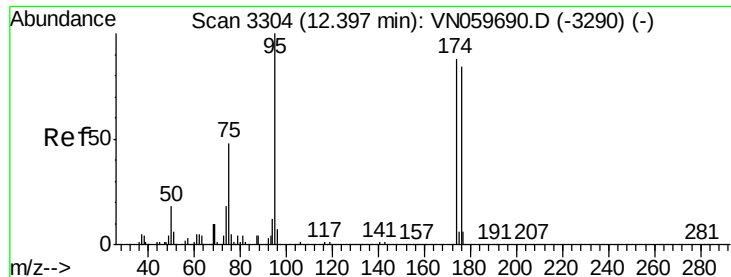
Tgt Ion: 98 Resp: 314928

Ion Ratio Lower Upper

98 100

100 64.6 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 47.484 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059701.D

Acq: 14 Jan 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

BU-RO-258

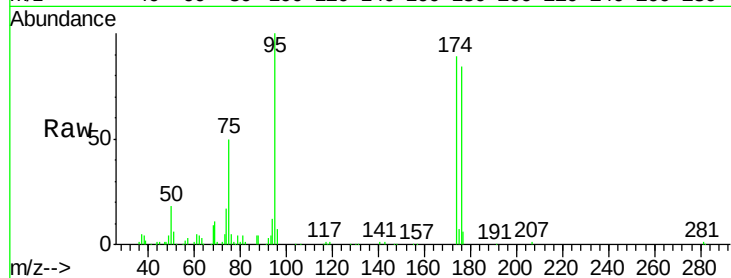
Tot Ion: 95 Resp: 110741

Ion Ratio Lower Upper

95 100

174 88.1 0.0 151.4

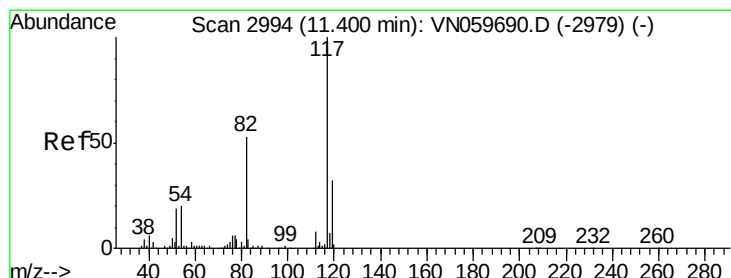
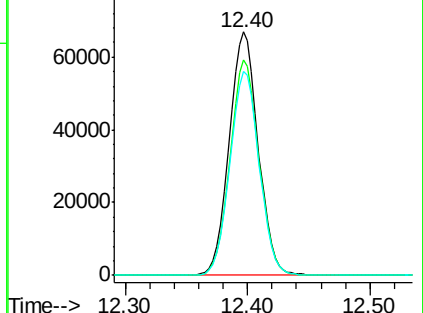
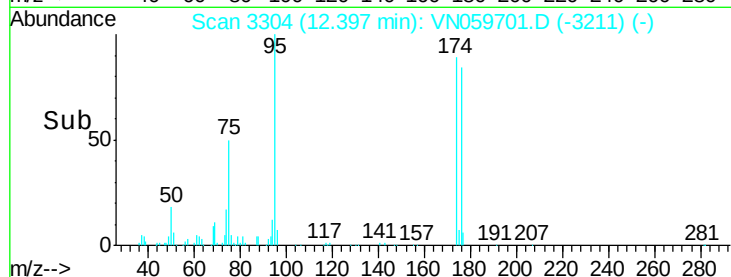
176 84.4 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059701.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN059701.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN059701.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059701.D

Acq: 14 Jan 2020 12:26

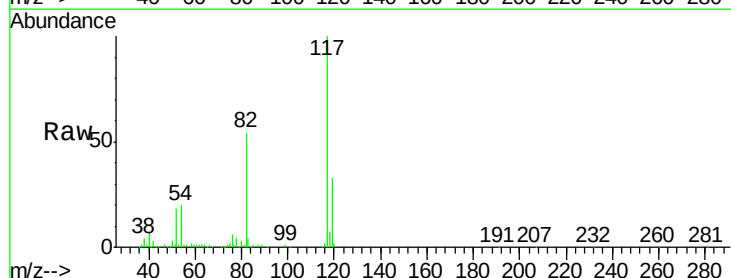
Tgt Ion: 117 Resp: 240825

Ion Ratio Lower Upper

117 100

82 53.7 45.9 68.9

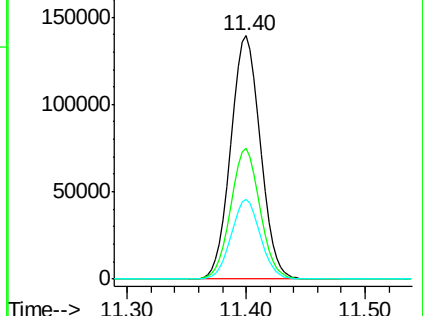
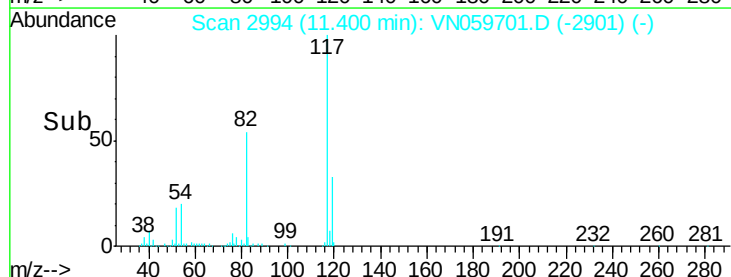
119 32.7 25.5 38.3

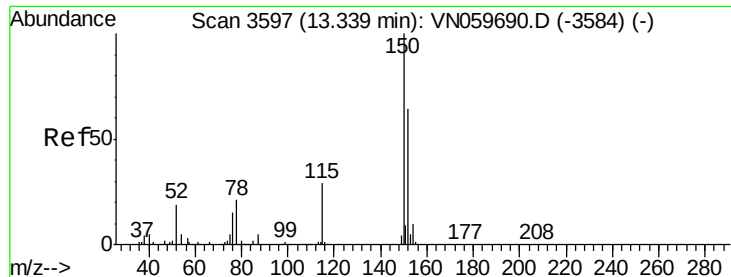


Abundance Ion 116.90 (116.60 to 117.60): VN059701.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN059701.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN059701.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: VN059701.D

Acq: 14 Jan 2020 12:26

Instrument :

MSVOA_N

ClientSampleId :

BU-RO-258

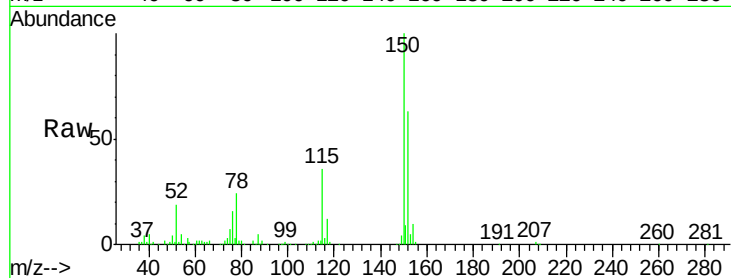
Tot Ion:152 Resp: 105091

Ion Ratio Lower Upper

152 100

115 57.2 30.3 90.9

150 157.5 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

