

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012020\
 Data File : VN059790.D
 Acq On : 20 Jan 2020 16:30
 Operator : JC/MD
 Sample : L1004-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BU-02-101720

Quant Time: Jan 21 02:49:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

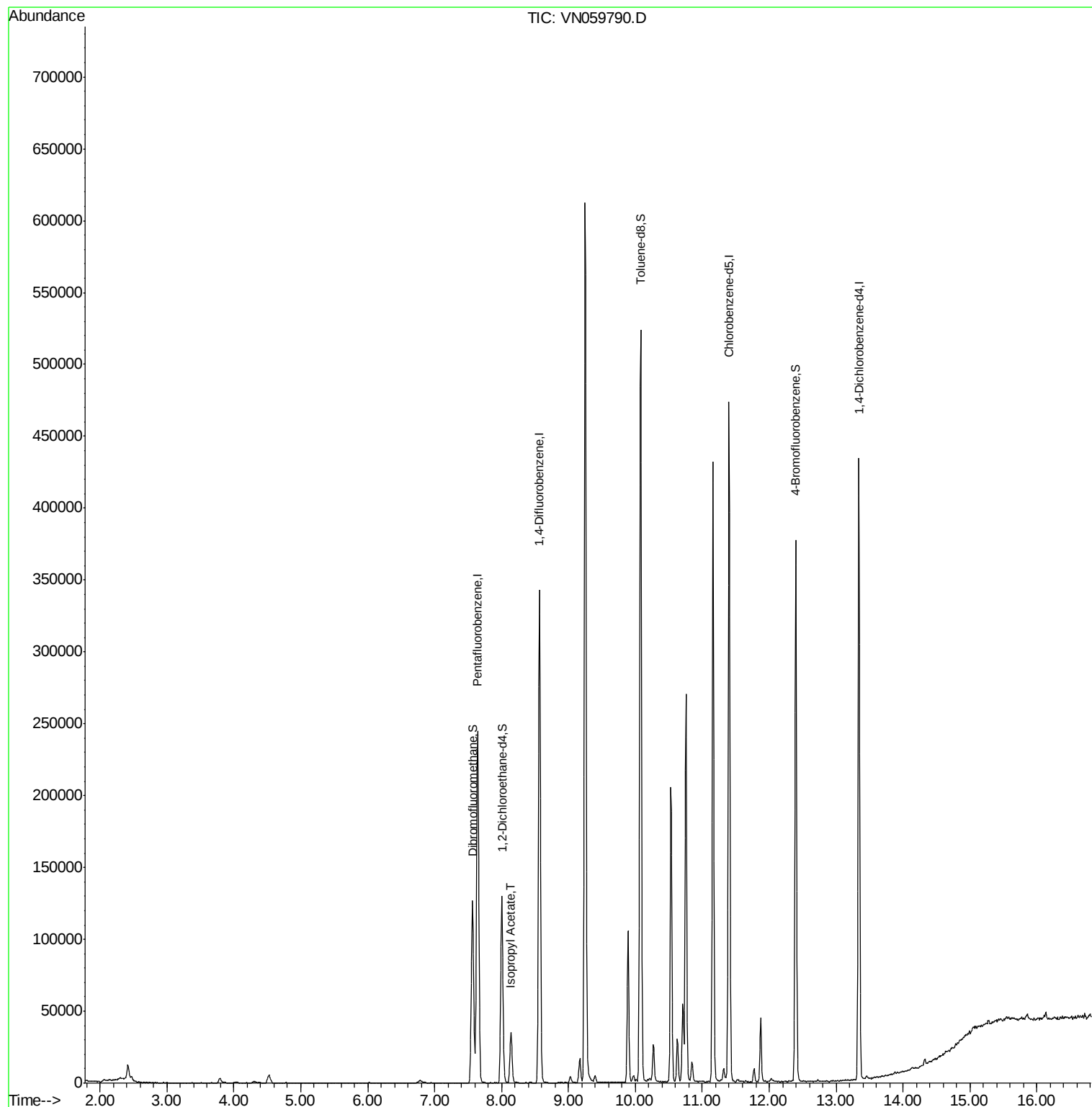
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	211231	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	318384	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	280925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	119644	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	111618	47.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.16%	
35) Dibromofluoromethane	7.56	113	96129	50.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.26%	
50) Toluene-d8	10.08	98	371882	50.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.10%	
62) 4-Bromofluorobenzene	12.40	95	125136	47.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.38%	
Target Compounds						
43) Isopropyl Acetate	8.14	43	41167	9.204	ug/l #	92

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

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QLast Update : Sat Jan 18 03:09:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059790.D

Acq: 20 Jan 2020 16:30

Instrument :

MSVOA_N

ClientSampleId :

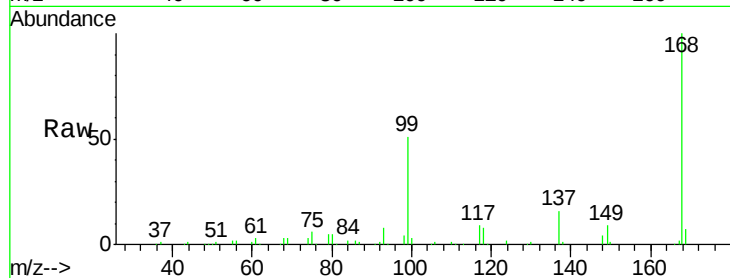
BU-02-101720

Tot Ion:168 Resp: 211231

Ion Ratio Lower Upper

168 100

99 51.1 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.64

80000

60000

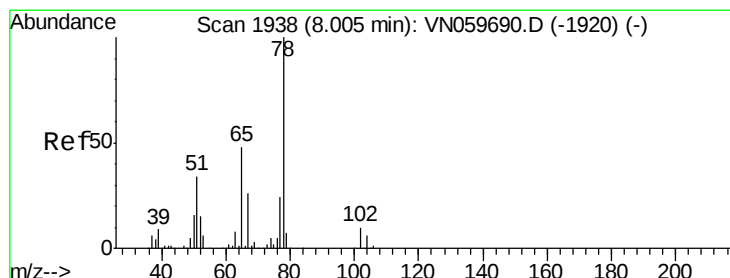
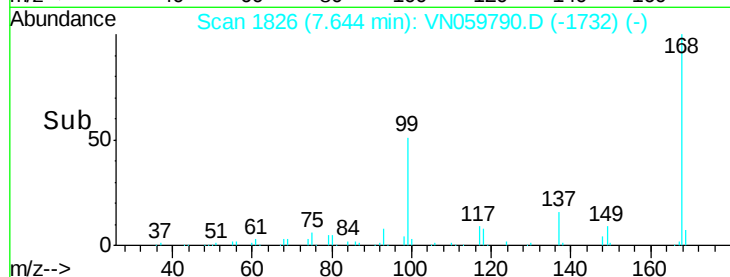
40000

20000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.583 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059790.D

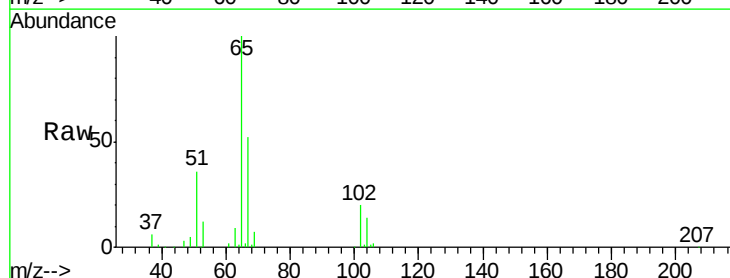
Acq: 20 Jan 2020 16:30

Tgt Ion: 65 Resp: 111618

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.00

50000

40000

30000

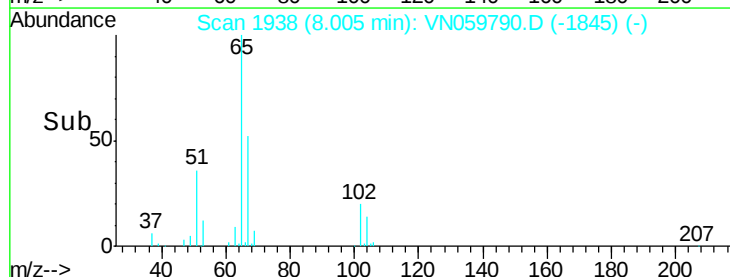
20000

10000

0

7.90 8.00 8.10

Time-->

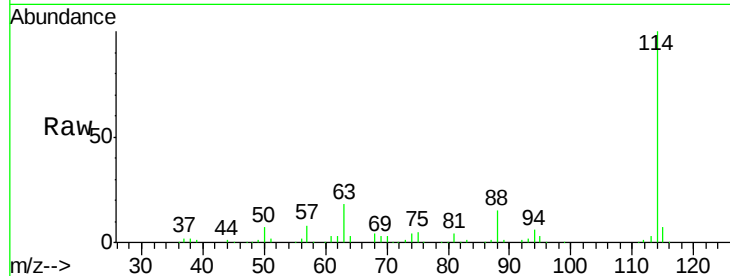




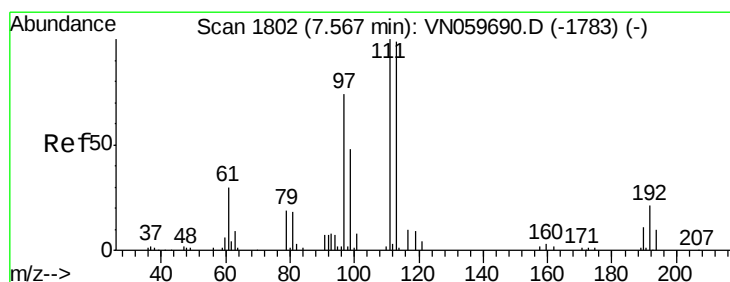
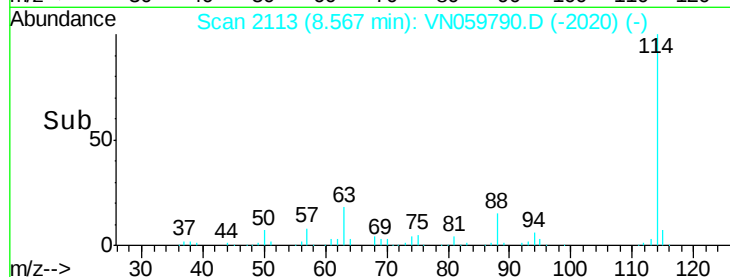
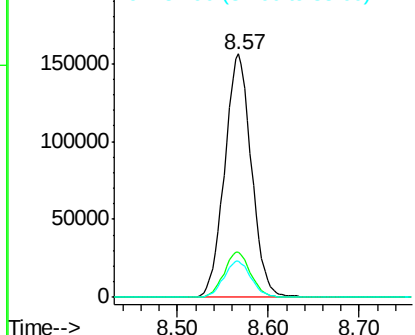
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059790.D
 Acq: 20 Jan 2020 16:30

Instrument :
 MSVOA_N
 ClientSampleId :
 BU-02-101720

Tot Ion:114 Resp: 318384
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 43.6
 88 14.9 0.0 31.4

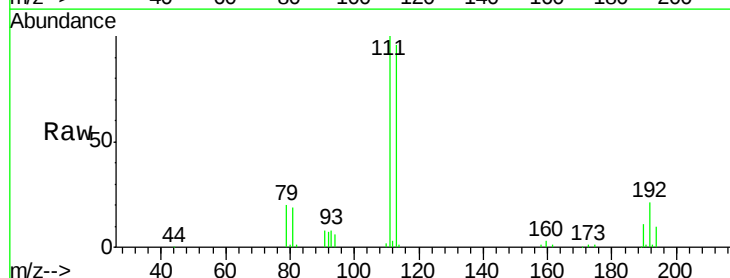


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

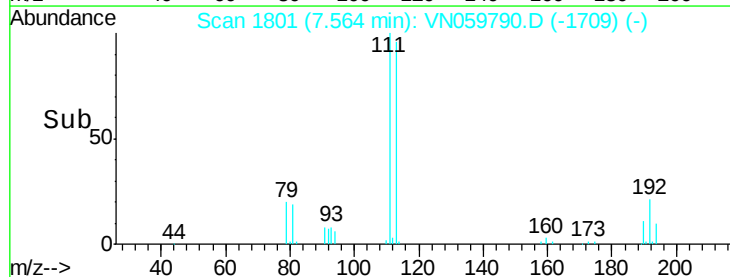
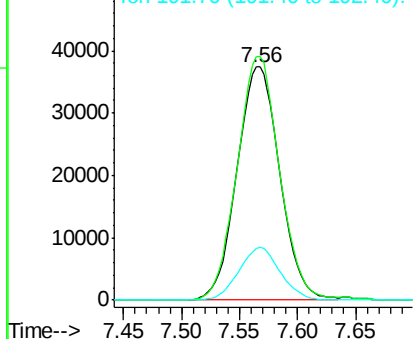


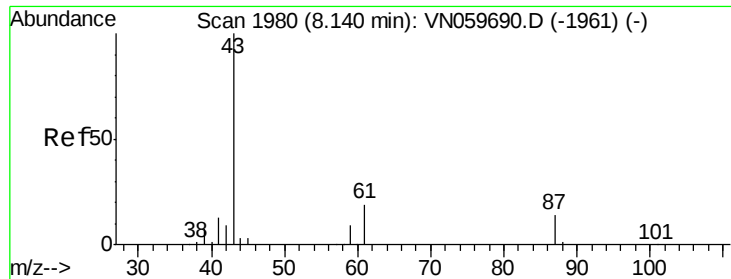
#35
 Dibromofluoromethane
 Concen: 50.630 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN059790.D
 Acq: 20 Jan 2020 16:30

Tgt Ion:113 Resp: 96129
 Ion Ratio Lower Upper
 113 100
 111 103.1 83.5 125.3
 192 21.8 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: 9.204 ug/l

RT: 8.14 min Scan# 1980

Delta R.T. 0.00 min

Lab File: VN059790.D

Acq: 20 Jan 2020 16:30

Instrument :

MSVOA_N

ClientSampleId :

BU-02-101720

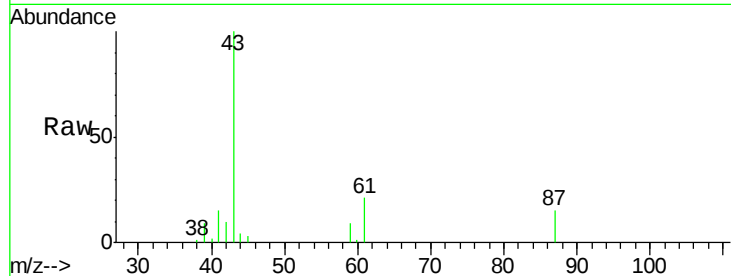
Tot Ion: 43 Resp: 41167

Ion Ratio Lower Upper

43 100

61 21.3 20.2 30.2

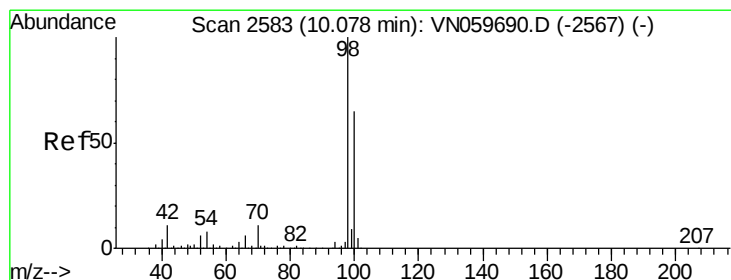
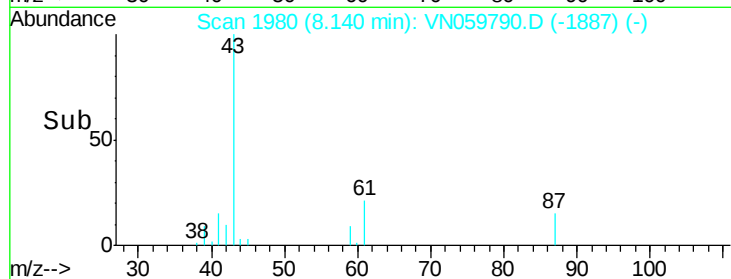
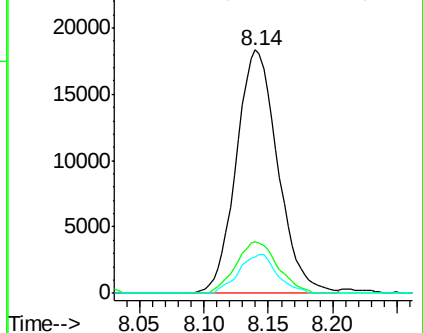
87 14.6 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059790.D (-1961) (-)

Ion 61.00 (60.70 to 61.70): VN059790.D (-1961) (-)

Ion 87.00 (86.70 to 87.70): VN059790.D (-1961) (-)



#50

Toluene-d8

Concen: 50.552 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059790.D

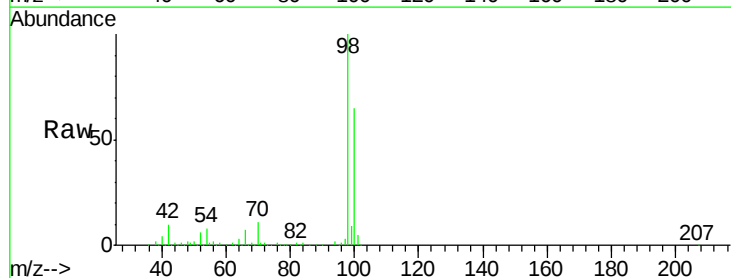
Acq: 20 Jan 2020 16:30

Tgt Ion: 98 Resp: 371882

Ion Ratio Lower Upper

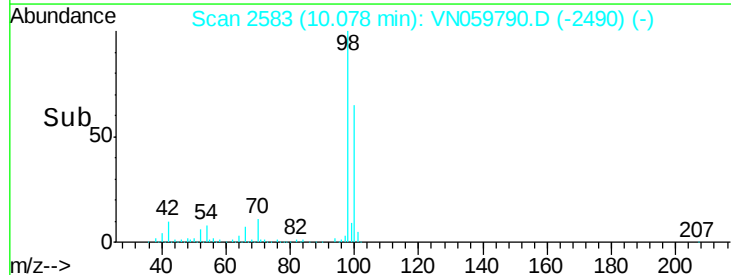
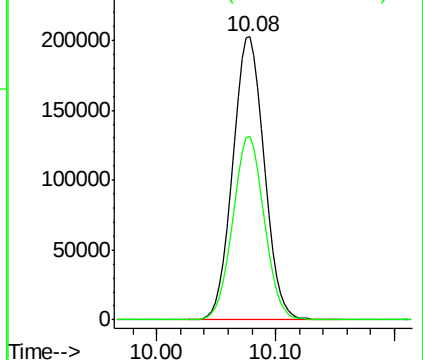
98 100

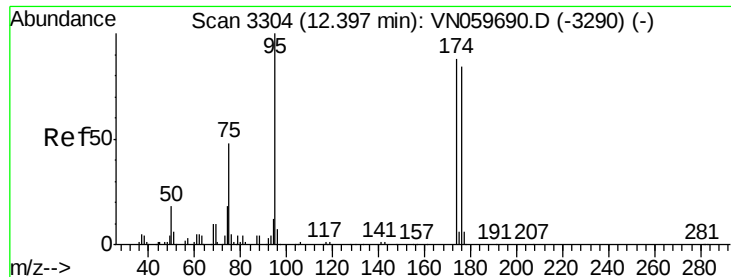
100 64.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN059790.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN059790.D (-2567) (-)





#62

4-Bromofluorobenzene

Concen: 47.186 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059790.D

Acq: 20 Jan 2020 16:30

Instrument :

MSVOA_N

ClientSampleId :

BU-02-101720

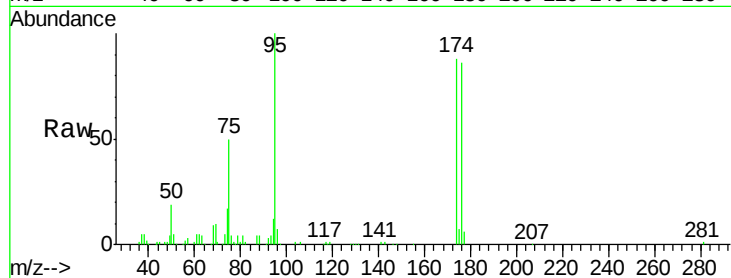
Tot Ion: 95 Resp: 125136

Ion Ratio Lower Upper

95 100

174 88.9 0.0 151.4

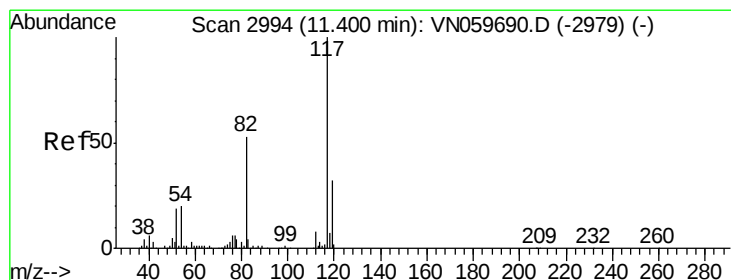
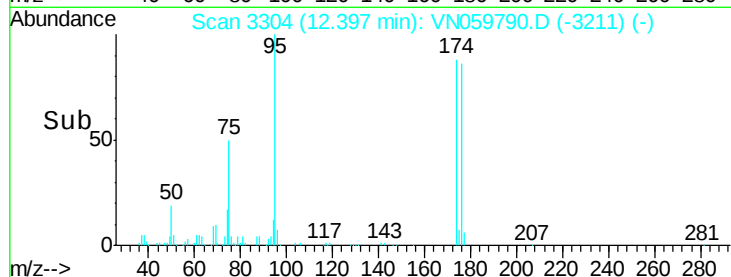
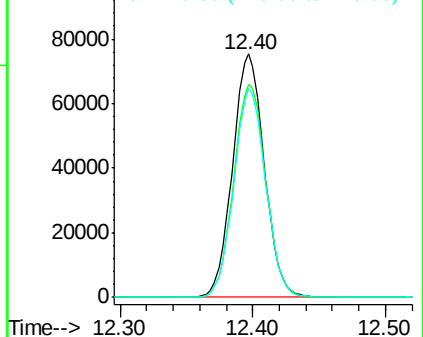
176 86.2 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059790.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN059790.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN059790.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059790.D

Acq: 20 Jan 2020 16:30

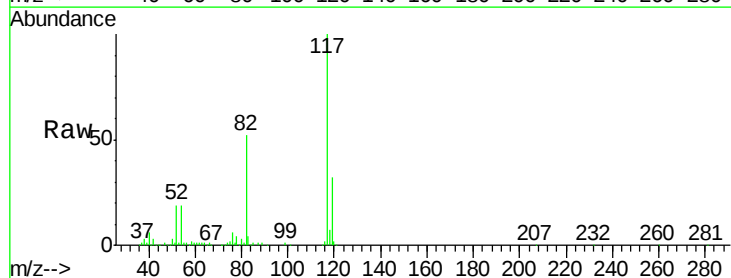
Tgt Ion: 117 Resp: 280925

Ion Ratio Lower Upper

117 100

82 52.1 45.9 68.9

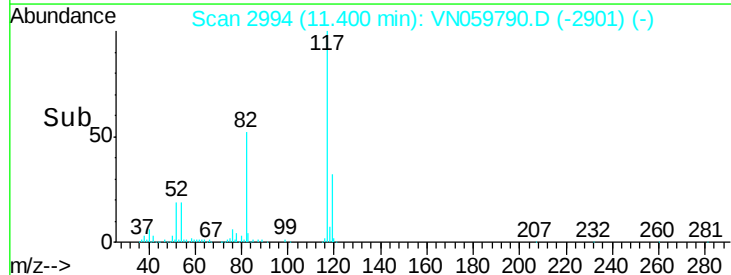
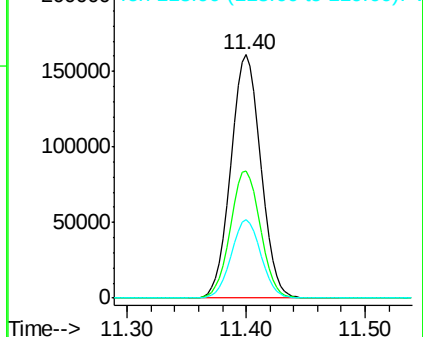
119 32.1 25.5 38.3

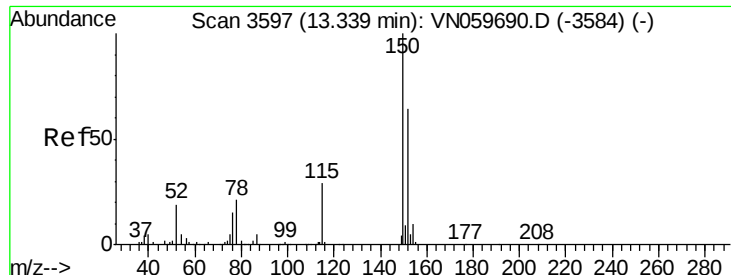


Abundance Ion 116.90 (116.60 to 117.60): VN059790.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN059790.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN059790.D (-2979) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059790.D

Acq: 20 Jan 2020 16:30

Instrument :

MSVOA_N

ClientSampleId :

BU-02-101720

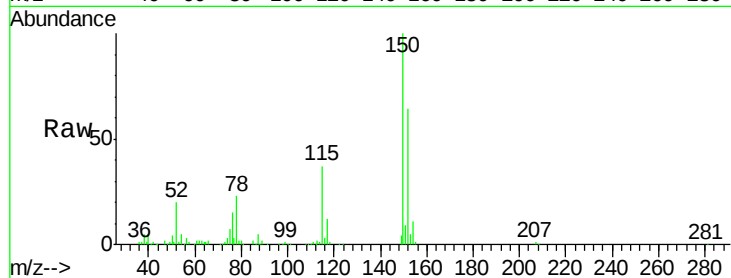
Tot Ion:152 Resp: 119644

Ion Ratio Lower Upper

152 100

115 57.2 30.3 90.9

150 154.3 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

