

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012220\
 Data File : VN059830.D
 Acq On : 22 Jan 2020 14:28
 Operator : JC/MD
 Sample : L1218-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-8

Quant Time: Jan 23 06:33:28 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

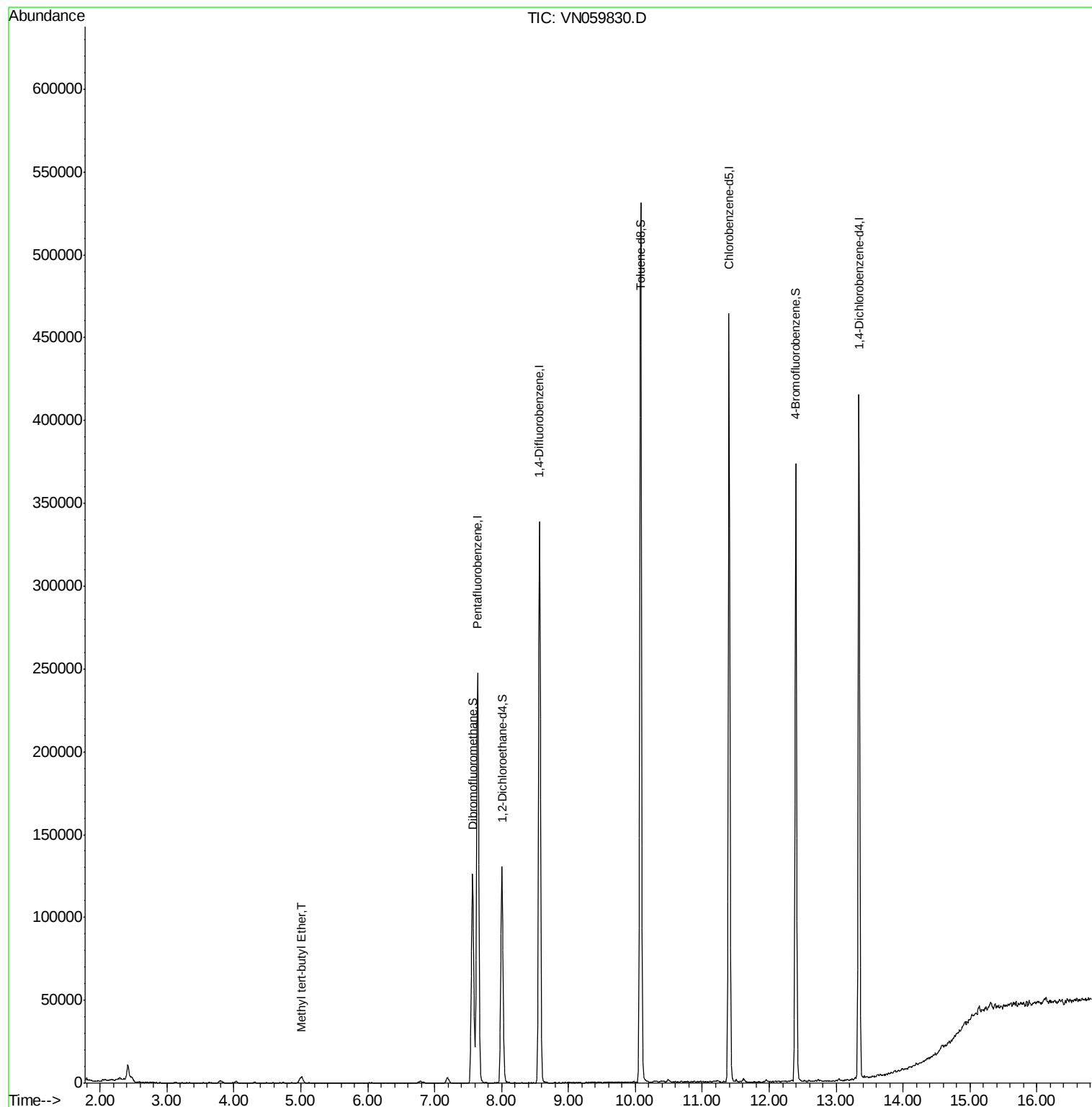
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	211859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	316586	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	279461	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	114718	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	110582	47.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.00%	
35) Dibromofluoromethane	7.57	113	97108	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
50) Toluene-d8	10.08	98	374311	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
62) 4-Bromofluorobenzene	12.40	95	123617	46.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.76%	
Target Compounds						
19) Methyl tert-butyl Ether	5.01	73	7207	1.140	ug/l	Qvalue 96

(#) = 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: VN059830.D

Acq: 22 Jan 2020 14:28

Instrument :

MSVOA_N

ClientSampleId :

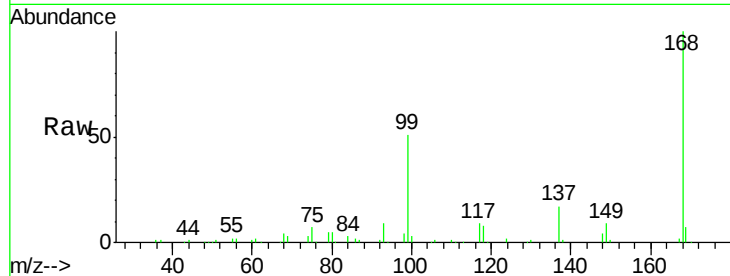
MW-8

Tot Ion:168 Resp: 211859

Ion Ratio Lower Upper

168 100

99 51.4 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

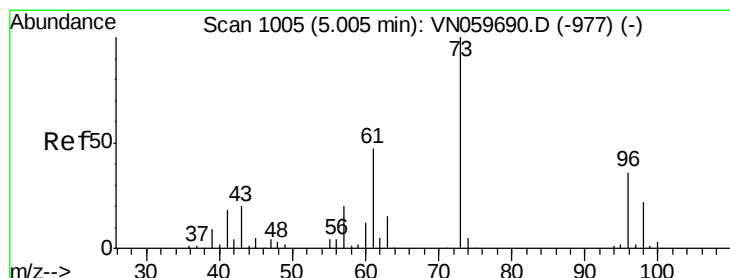
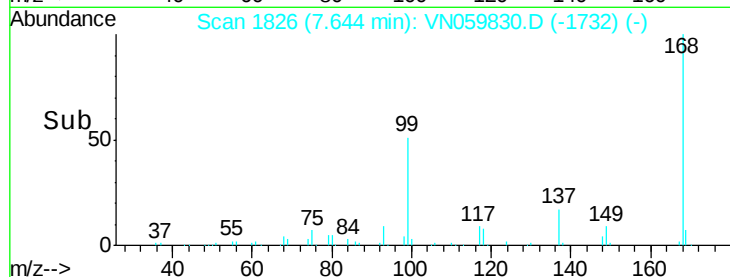
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#19

Methyl tert-butyl Ether

Concen: 1.140 ug/l

RT: 5.01 min Scan# 1006

Delta R.T. 0.00 min

Lab File: VN059830.D

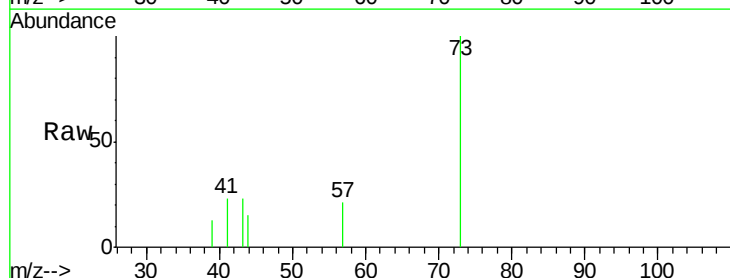
Acq: 22 Jan 2020 14:28

Tgt Ion: 73 Resp: 7207

Ion Ratio Lower Upper

73 100

57 21.2 18.6 27.8



Abundance Ion 73.00 (72.70 to 73.70): VNO

Ion 57.00 (56.70 to 57.70): VNO

5.01

2000

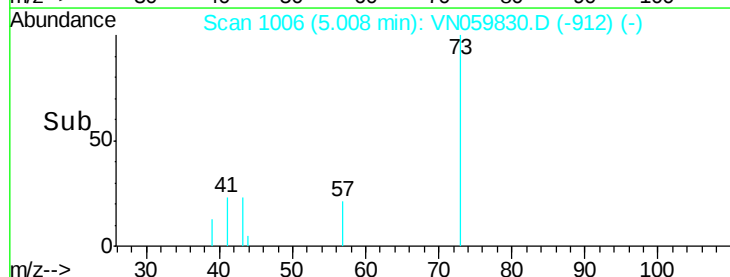
1500

1000

500

0

Time--> 4.90 4.95 5.00 5.05 5.10





#33

1,2-Dichloroethane-d4

Concen: 47.001 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059830.D

Acq: 22 Jan 2020 14:28

Instrument :

MSVOA_N

ClientSampled :

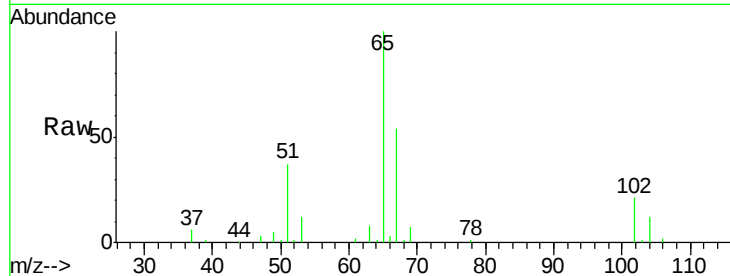
MW-8

Tot Ion: 65 Resp: 110582

Ion Ratio Lower Upper

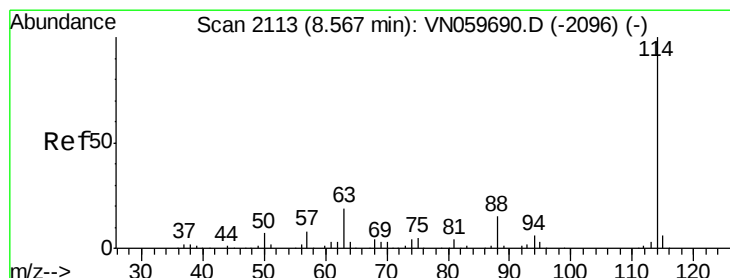
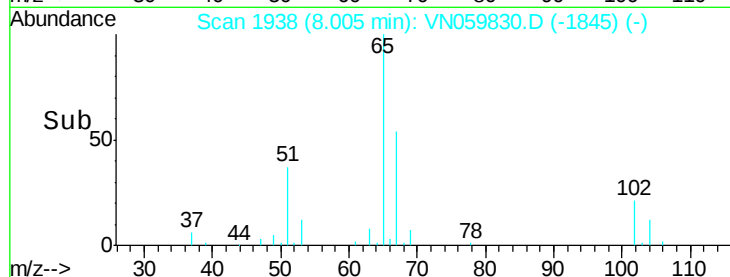
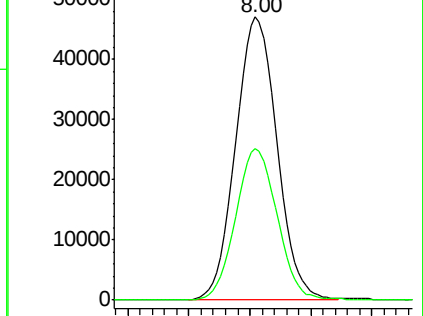
65 100

67 53.7 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN059830.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN059830.D (-1845) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. 0.00 min

Lab File: VN059830.D

Acq: 22 Jan 2020 14:28

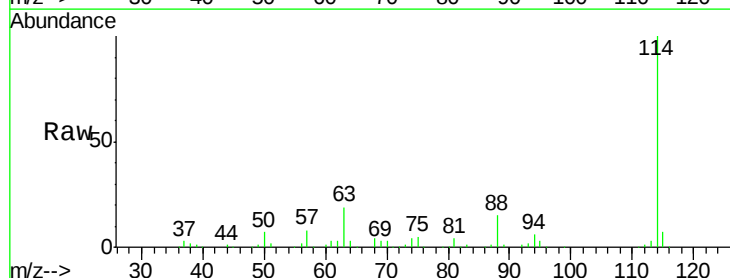
Tgt Ion: 114 Resp: 316586

Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.6

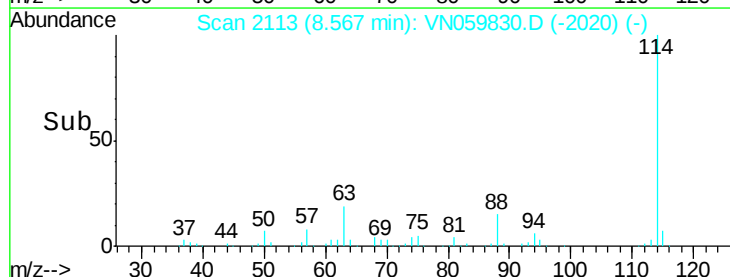
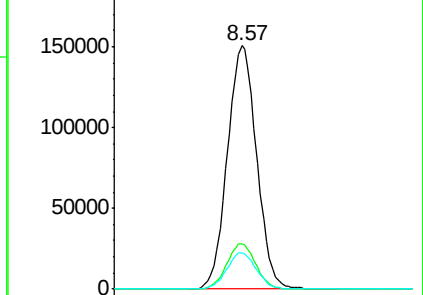
88 15.0 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN059830.D (-2020) (-)

Ion 63.00 (62.70 to 63.70): VN059830.D (-2020) (-)

Ion 87.90 (87.60 to 88.60): VN059830.D (-2020) (-)

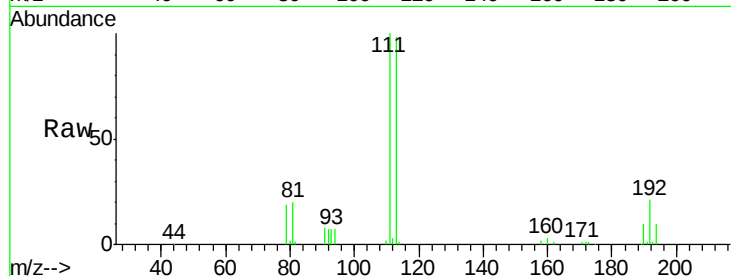




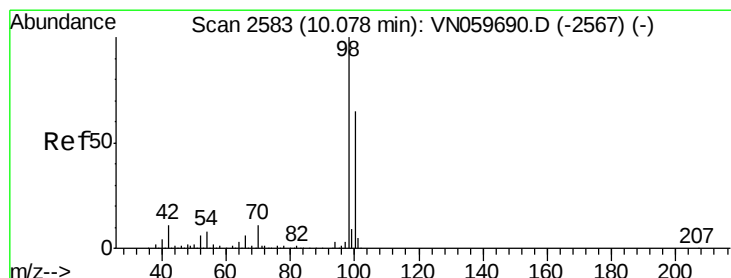
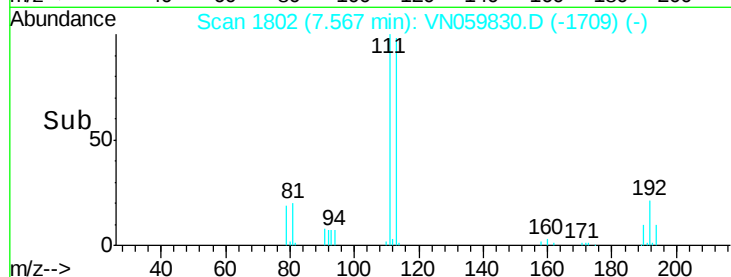
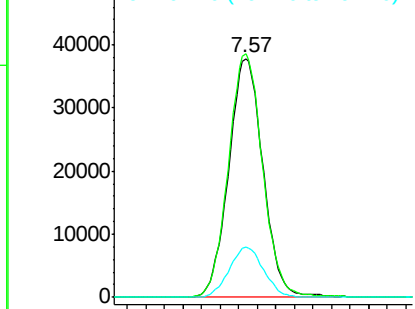
#35
Dibromofluoromethane
Concen: 51.436 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN059830.D
Acq: 22 Jan 2020 14:28

Instrument :
MSVOA_N
ClientSampled :
MW-8

Tot Ion:113 Resp: 97108
Ion Ratio Lower Upper
113 100
111 101.8 83.5 125.3
192 20.9 15.4 23.2

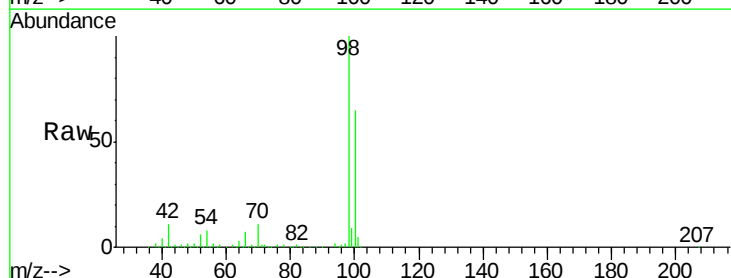


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

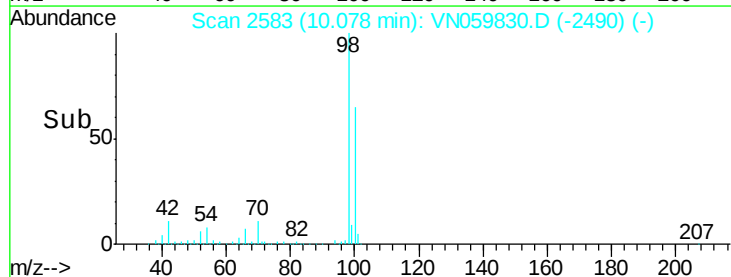
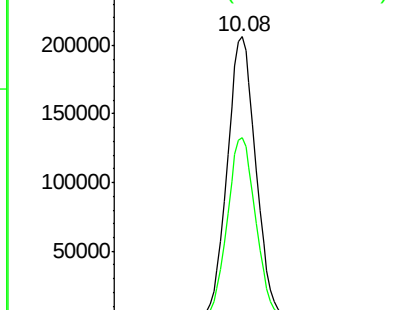


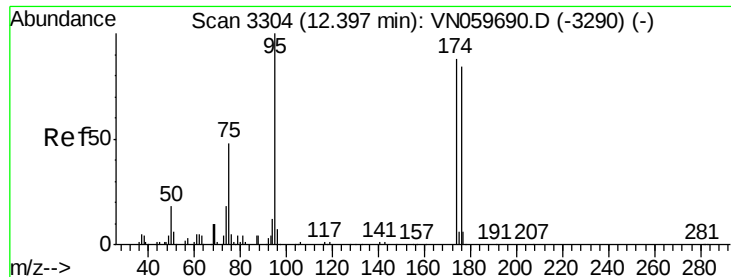
#50
Toluene-d8
Concen: 51.171 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.00 min
Lab File: VN059830.D
Acq: 22 Jan 2020 14:28

Tgt Ion: 98 Resp: 374311
Ion Ratio Lower Upper
98 100
100 64.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN
Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 46.878 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059830.D

Acq: 22 Jan 2020 14:28

Instrument :

MSVOA_N

ClientSampled :

MW-8

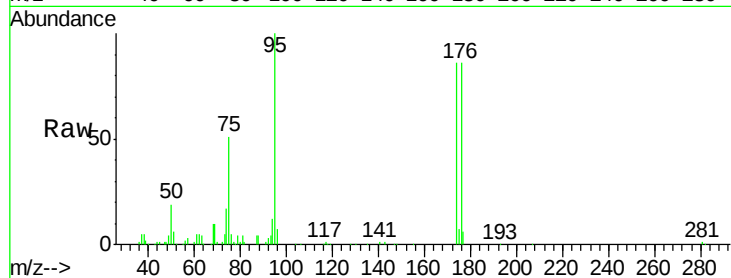
Tot Ion: 95 Resp: 123617

Ion Ratio Lower Upper

95 100

174 87.2 0.0 151.4

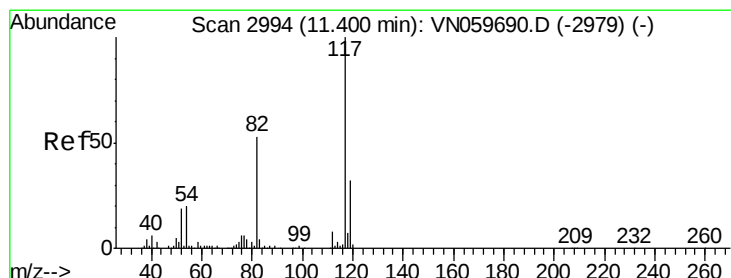
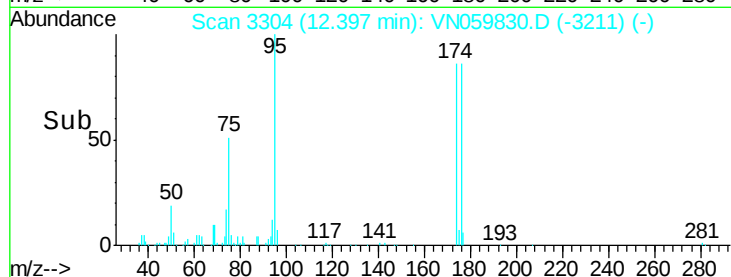
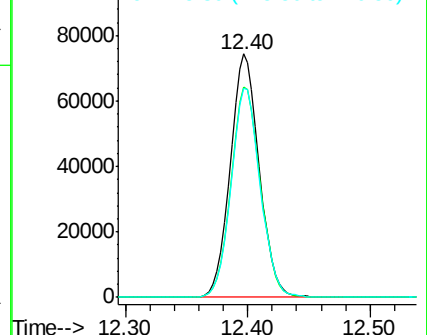
176 86.2 0.0 146.0



Abundance Ion 94.90 (94.60 to 95.60): VN059830.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN059830.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN059830.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059830.D

Acq: 22 Jan 2020 14:28

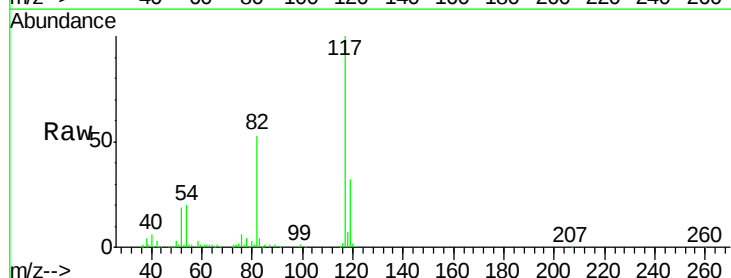
Tgt Ion: 117 Resp: 279461

Ion Ratio Lower Upper

117 100

82 52.5 45.9 68.9

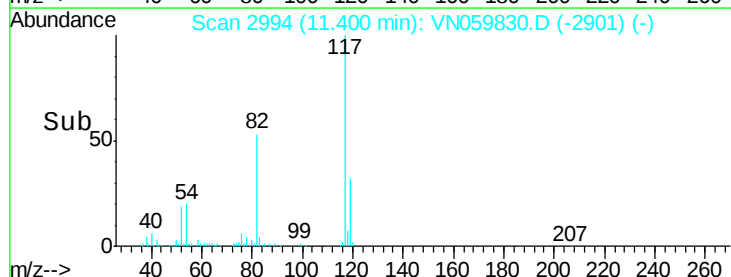
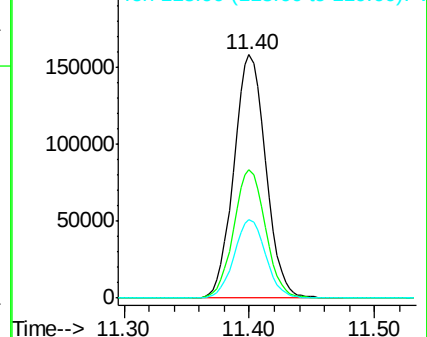
119 32.1 25.5 38.3

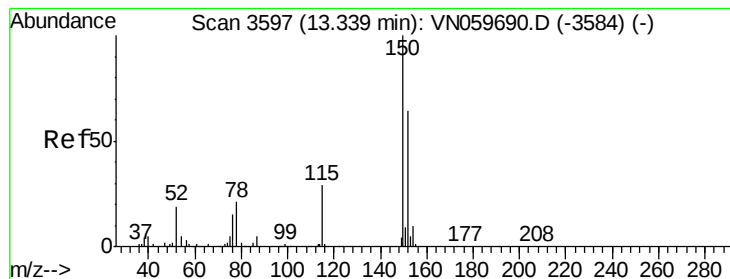


Abundance Ion 116.90 (116.60 to 117.60): VN059830.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN059830.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN059830.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: VN059830.D

Acq: 22 Jan 2020 14:28

Instrument :

MSVOA_N

ClientSampleId :

MW-8

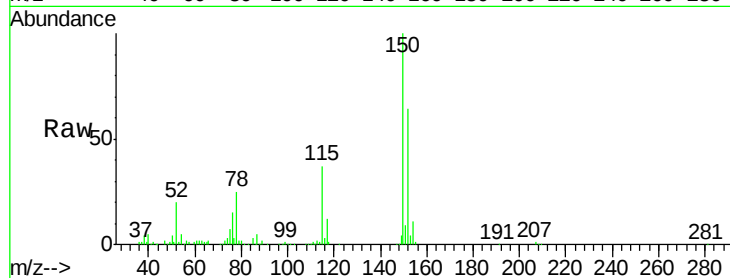
Tot Ion:152 Resp: 114718

Ion Ratio Lower Upper

152 100

115 57.5 30.3 90.9

150 158.1 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

