

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN013020\
 Data File : VN059930.D
 Acq On : 30 Jan 2020 15:45
 Operator : JC/MD
 Sample : L1004-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BU-01-012920

Quant Time: Jan 30 17:13:23 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

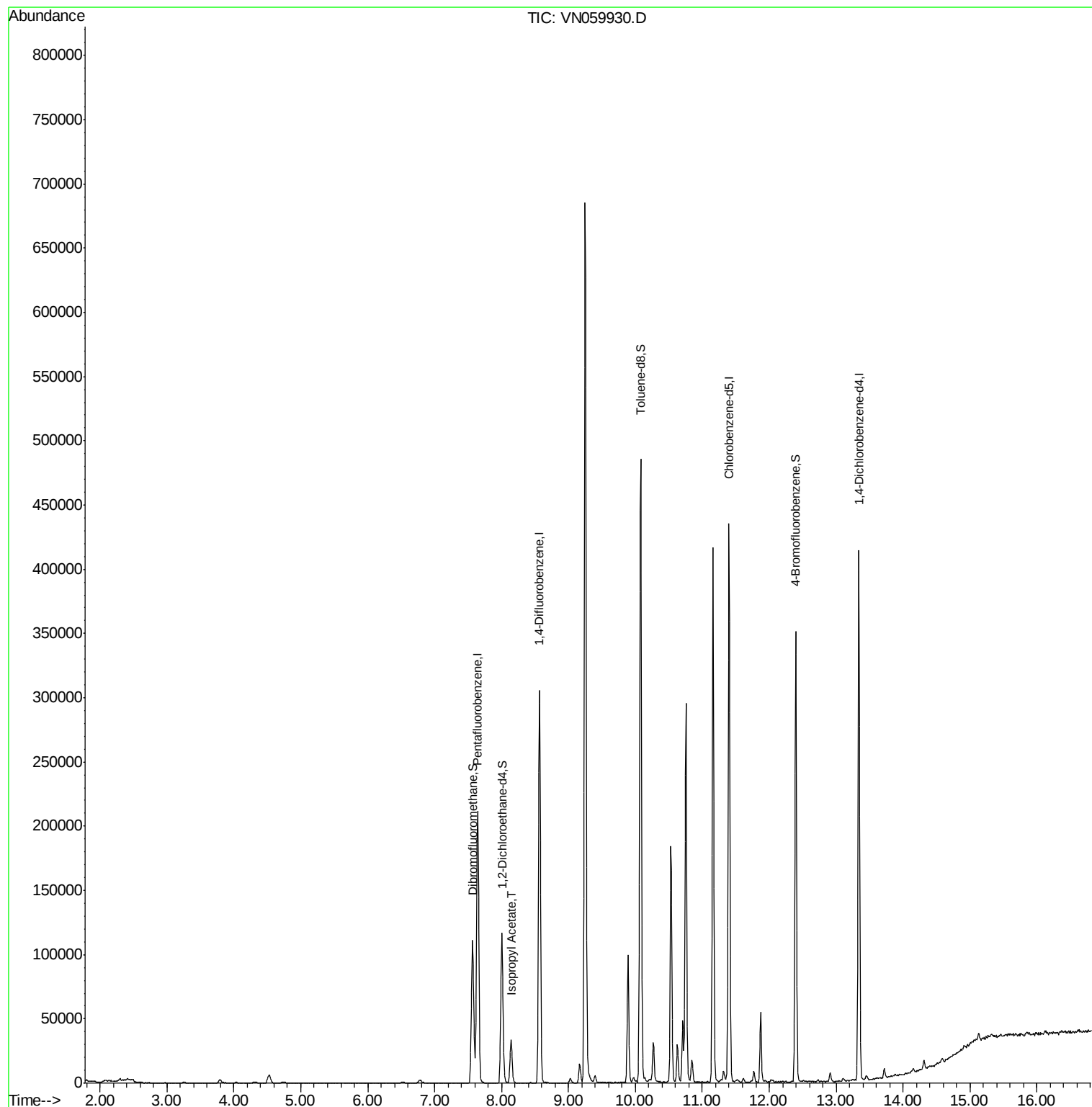
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	184171	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	282015	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	256239	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	112182	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	101519	49.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.28%	
35) Dibromofluoromethane	7.57	113	85078	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.18%	
50) Toluene-d8	10.08	98	337113	51.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.48%	
62) 4-Bromofluorobenzene	12.40	95	116501	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.20%	
Target Compounds						
43) Isopropyl Acetate	8.14	43	39255	9.908	ug/l #	91

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

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Quant Title : SW846 8260
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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: VN059930.D

Acq: 30 Jan 2020 15:45

Instrument :

MSVOA_N

ClientSampleId :

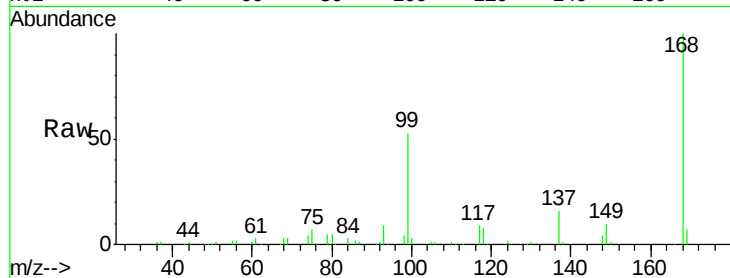
BU-01-012920

Tot Ion:168 Resp: 184171

Ion Ratio Lower Upper

168 100

99 52.9 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

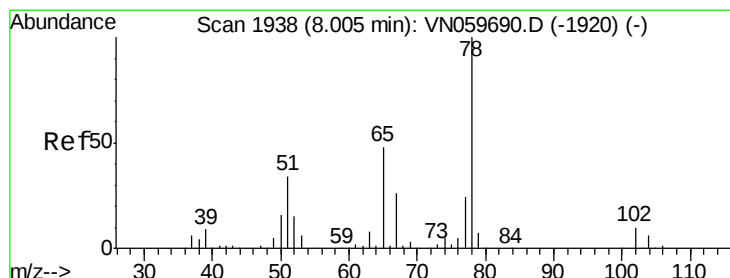
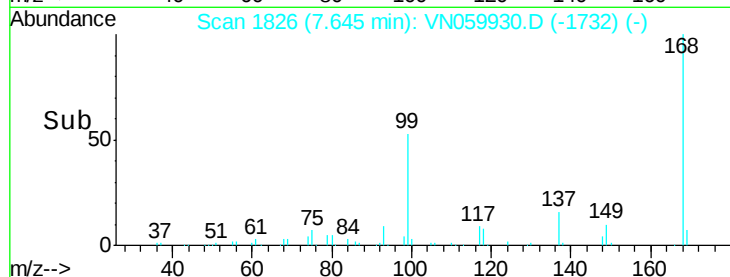
60000

40000

20000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 49.636 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059930.D

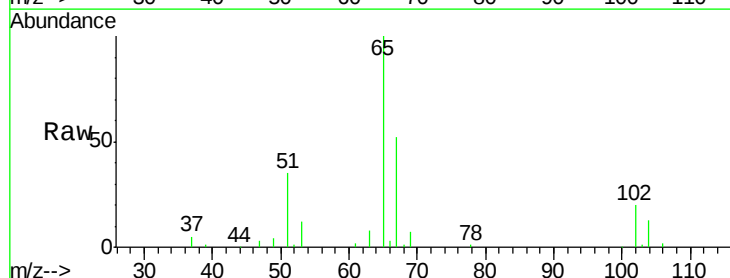
Acq: 30 Jan 2020 15:45

Tgt Ion: 65 Resp: 101519

Ion Ratio Lower Upper

65 100

67 51.2 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

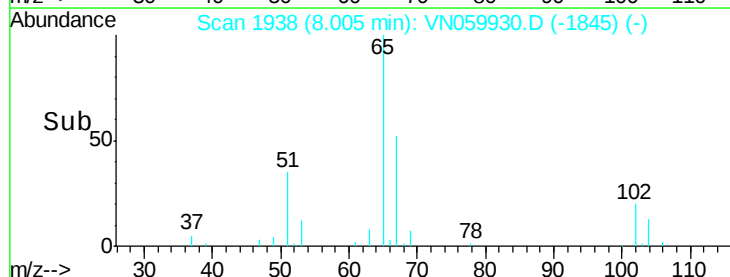
30000

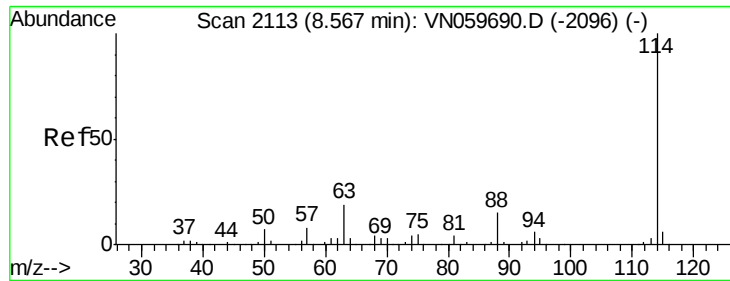
20000

10000

0

Time--> 7.90 8.00 8.10

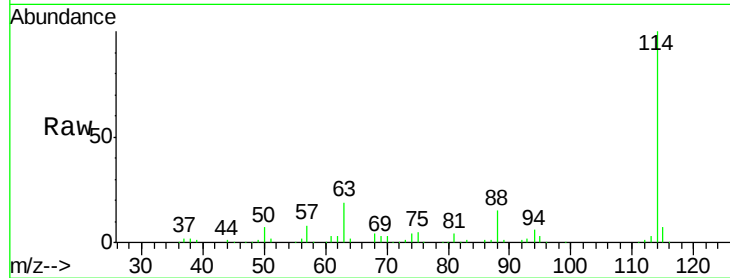




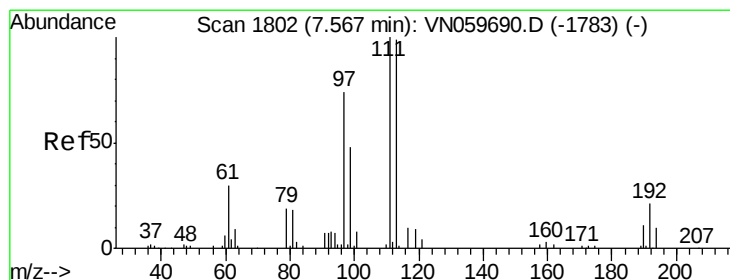
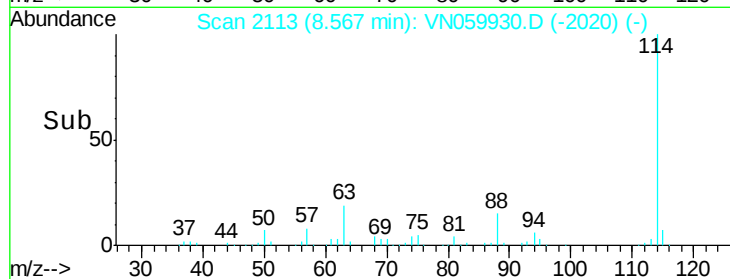
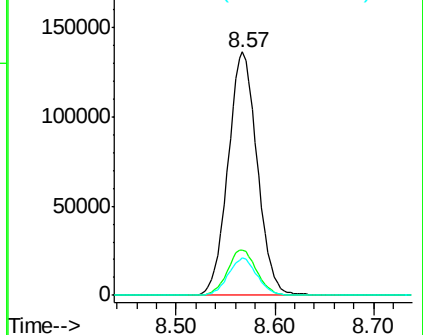
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059930.D
 Acq: 30 Jan 2020 15:45

Instrument :
 MSVOA_N
 ClientSampleId :
 BU-01-012920

Tot Ion:114 Resp: 282015
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 43.6
 88 15.2 0.0 31.4

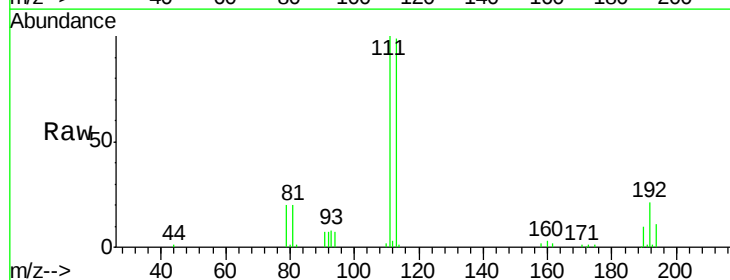


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

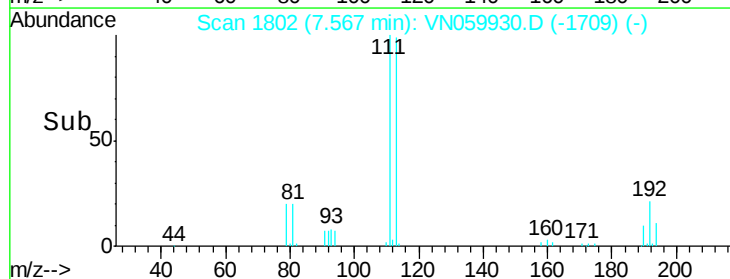
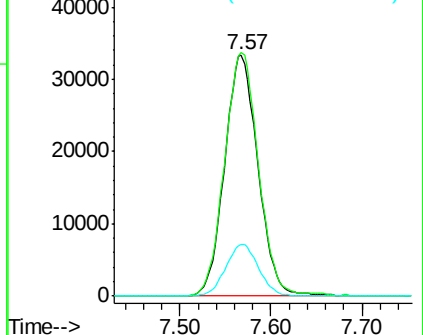


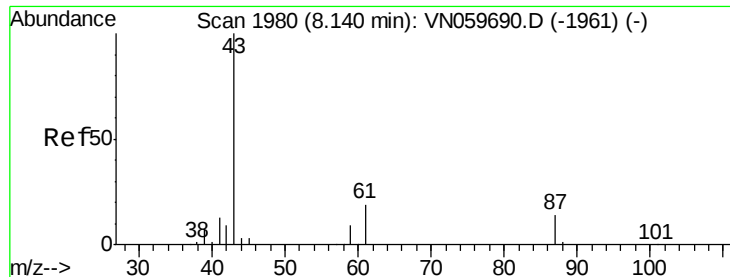
#35
 Dibromofluoromethane
 Concen: 50.588 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059930.D
 Acq: 30 Jan 2020 15:45

Tgt Ion:113 Resp: 85078
 Ion Ratio Lower Upper
 113 100
 111 102.6 83.5 125.3
 192 21.0 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: 9.908 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN059930.D

Acq: 30 Jan 2020 15:45

Instrument :

MSVOA_N

ClientSampleId :

BU-01-012920

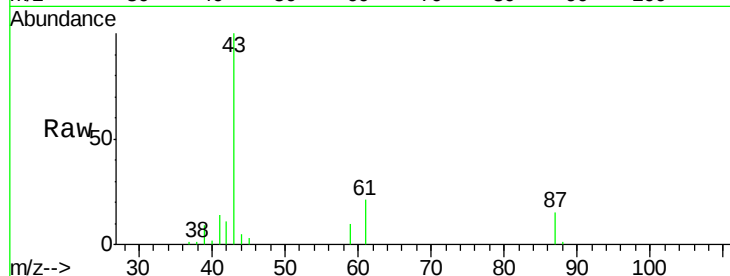
Tot Ion: 43 Resp: 39255

Ion Ratio Lower Upper

43 100

61 20.4 20.2 30.2

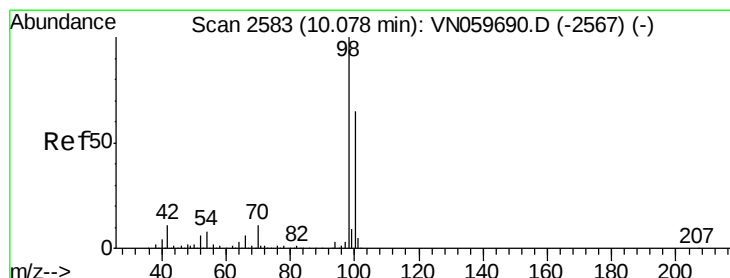
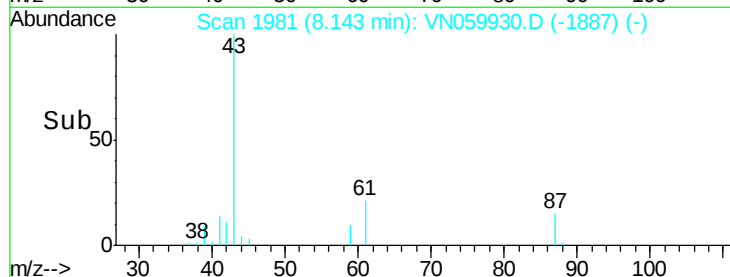
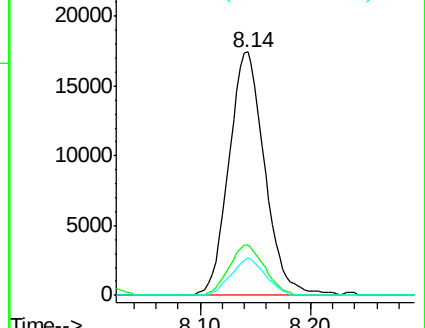
87 14.4 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VN059930.D (-1961) (-)

Ion 61.00 (60.70 to 61.70): VN059930.D (-1961) (-)

Ion 87.00 (86.70 to 87.70): VN059930.D (-1961) (-)



#50

Toluene-d8

Concen: 51.736 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059930.D

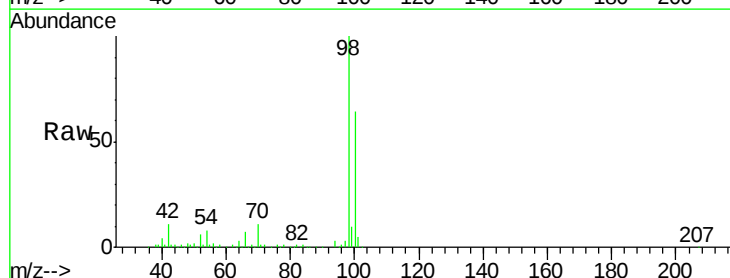
Acq: 30 Jan 2020 15:45

Tgt Ion: 98 Resp: 337113

Ion Ratio Lower Upper

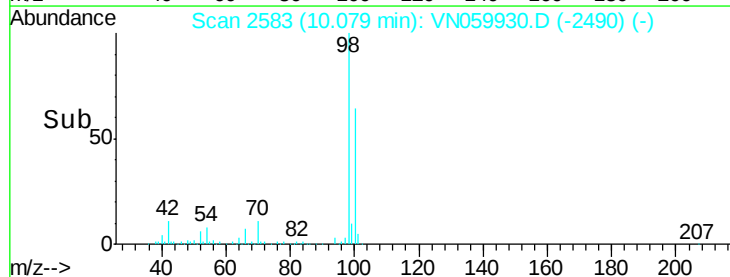
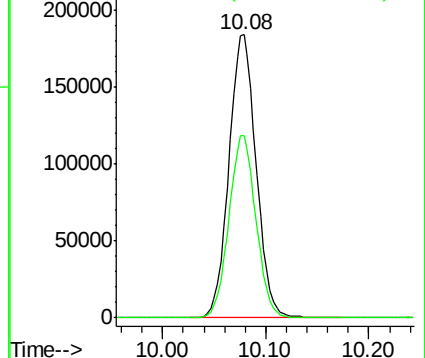
98 100

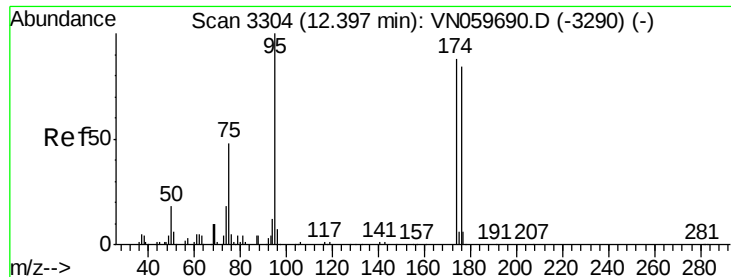
100 64.1 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN059930.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN059930.D (-2567) (-)

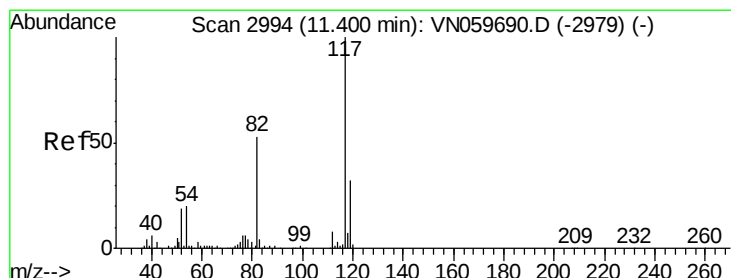
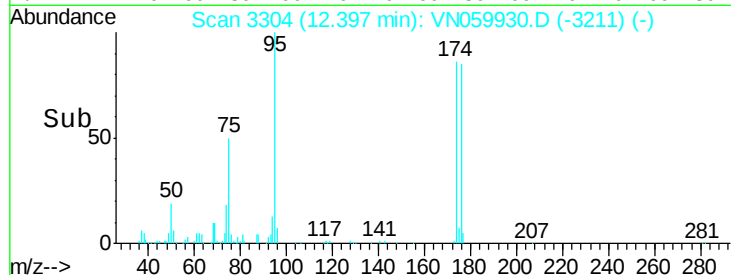
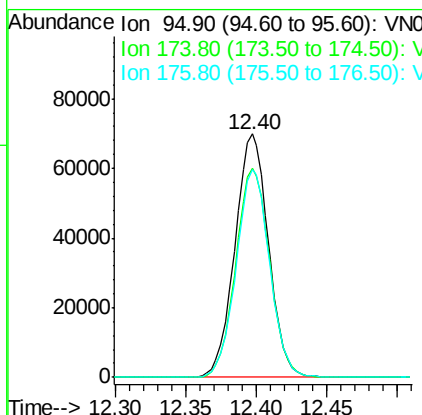
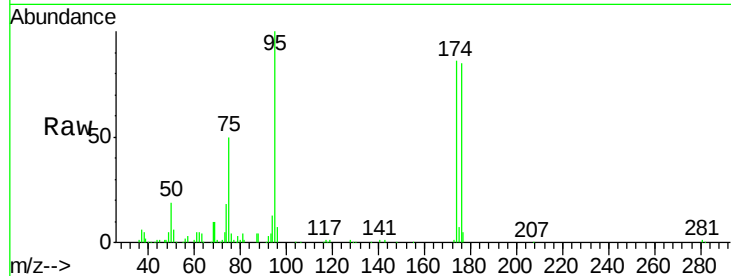




#62
4-Bromofluorobenzene
Concen: 49.595 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN059930.D
Acq: 30 Jan 2020 15:45

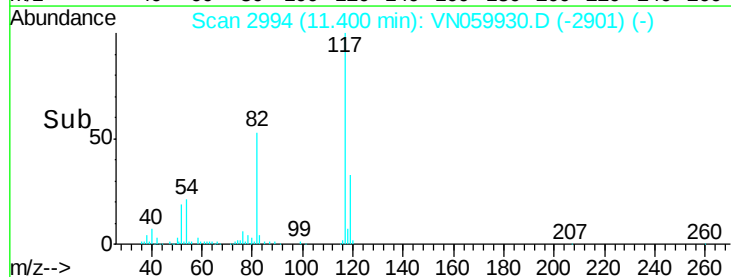
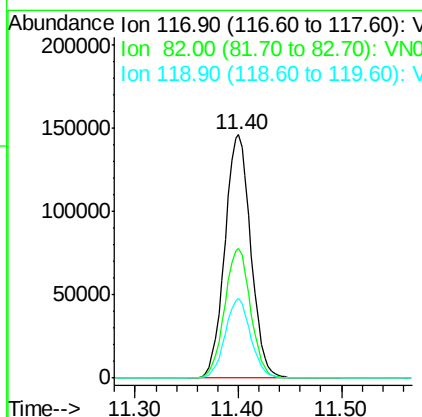
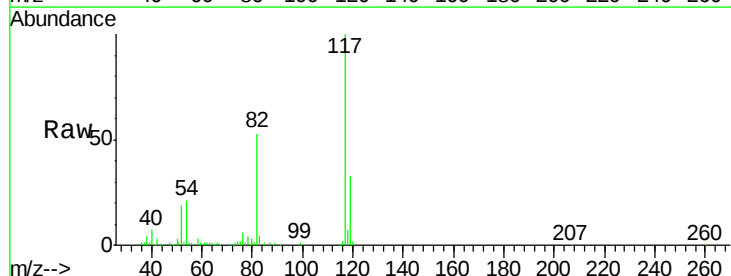
Instrument :
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ClientSampleId :
BU-01-012920

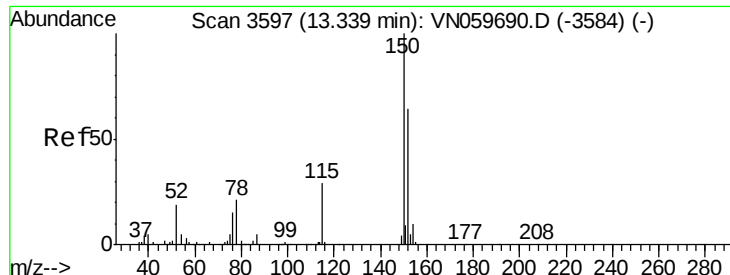
Tot Ion: 95 Resp: 116501
Ion Ratio Lower Upper
95 100
174 86.8 0.0 151.4
176 85.1 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059930.D
Acq: 30 Jan 2020 15:45

Tgt Ion: 117 Resp: 256239
Ion Ratio Lower Upper
117 100
82 53.5 45.9 68.9
119 32.5 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: VN059930.D

Acq: 30 Jan 2020 15:45

Instrument :

MSVOA_N

ClientSampleId :

BU-01-012920

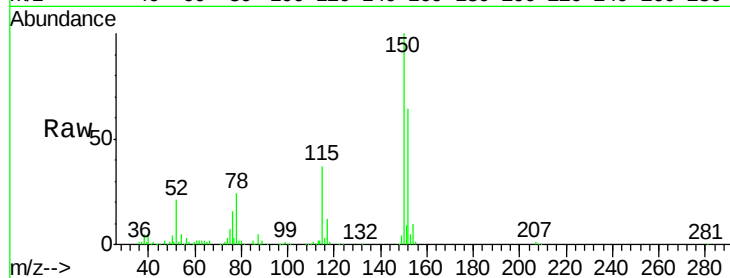
Tot Ion:152 Resp: 112182

Ion Ratio Lower Upper

152 100

115 57.7 30.3 90.9

150 156.4 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

