

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022420\
 Data File : VN060203.D
 Acq On : 24 Feb 2020 12:38
 Operator : JC/MD
 Sample : L1610-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-SECTION-C

Quant Time: Feb 24 16:24:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

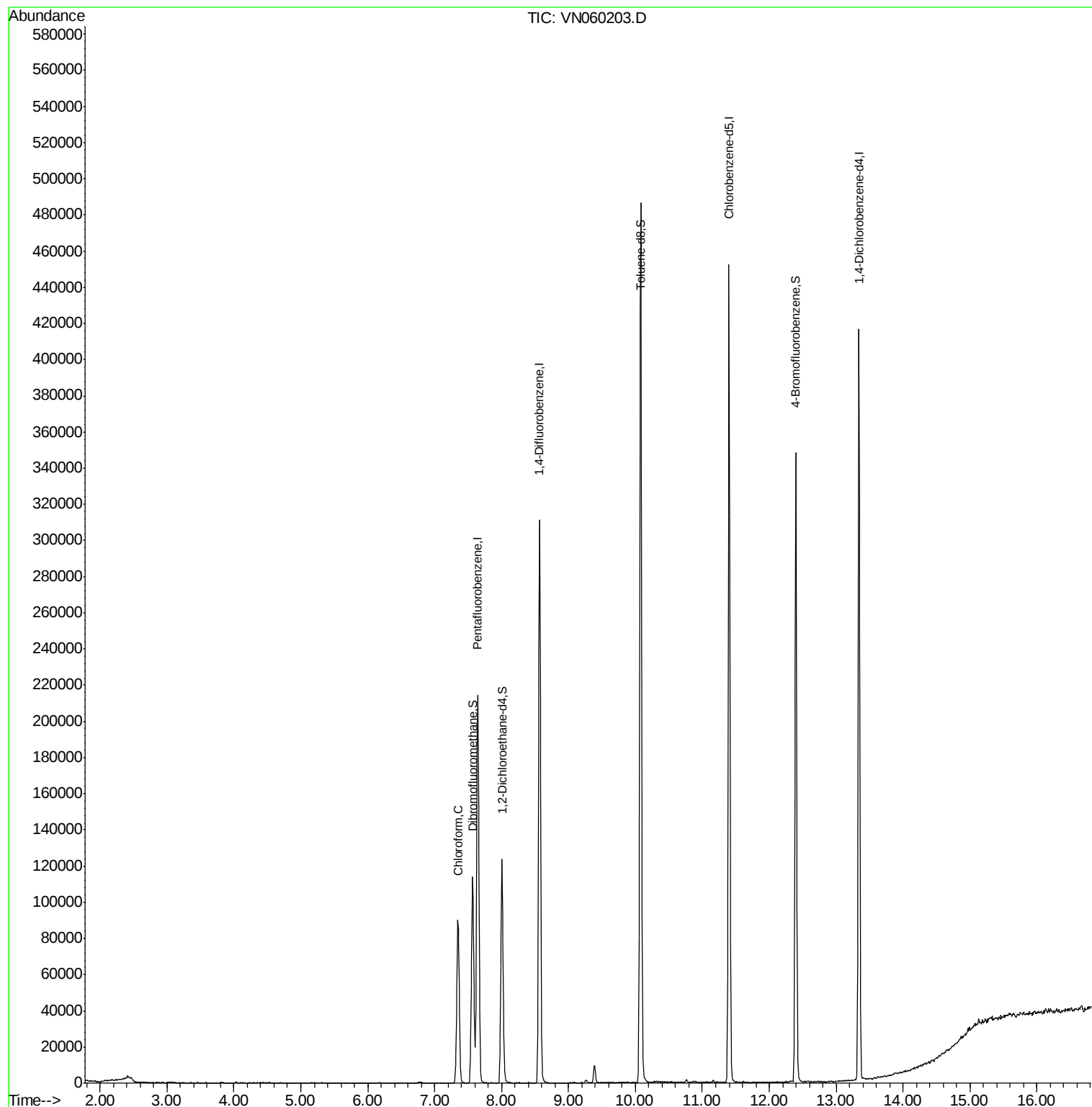
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	183622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	286231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	261083	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	112745	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	107279	48.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.02%	
35) Dibromofluoromethane	7.57	113	87589	49.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.56%	
50) Toluene-d8	10.08	98	341179	49.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.48%	
62) 4-Bromofluorobenzene	12.40	95	119339	46.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.74%	
Target Compounds						
30) Chloroform	7.35	83	95520	26.879	ug/l	Qvalue 100

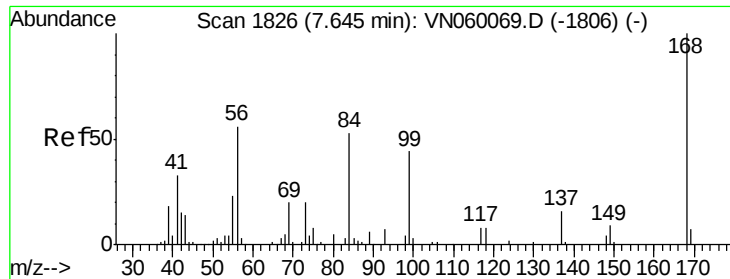
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 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: VN060203.D

Acq: 24 Feb 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

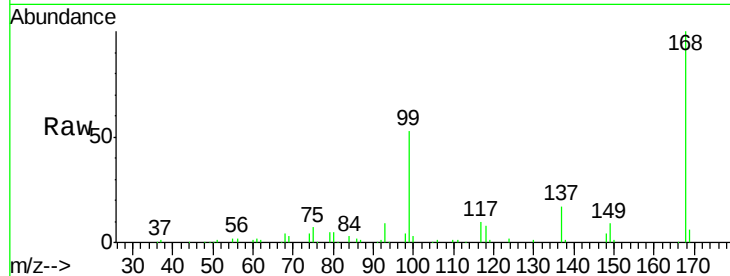
T1-SECTION-C

Tot Ion:168 Resp: 183622

Ion Ratio Lower Upper

168 100

99 53.2 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.64

80000

60000

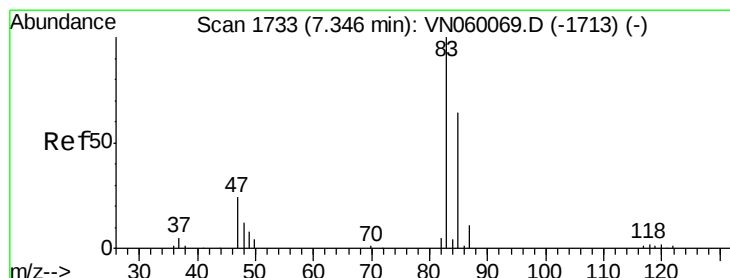
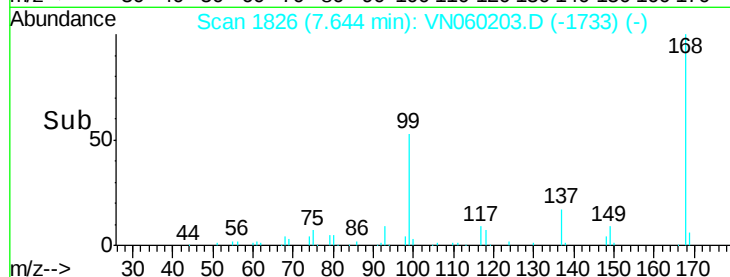
40000

20000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#30

Chloroform

Concen: 26.879 ug/l

RT: 7.35 min Scan# 1734

Delta R.T. 0.00 min

Lab File: VN060203.D

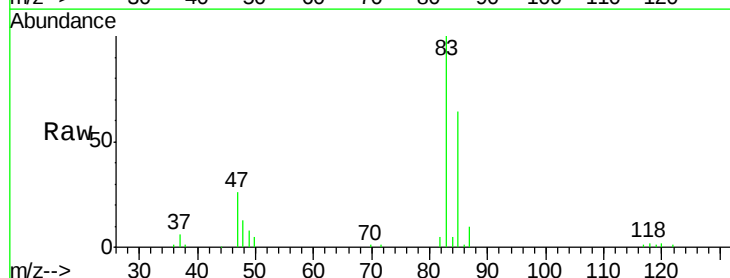
Acq: 24 Feb 2020 12:38

Tgt Ion: 83 Resp: 95520

Ion Ratio Lower Upper

83 100

85 64.2 51.4 77.0



Abundance Ion 82.90 (82.60 to 83.60): V

Ion 84.90 (84.60 to 85.60): VN

7.35

40000

30000

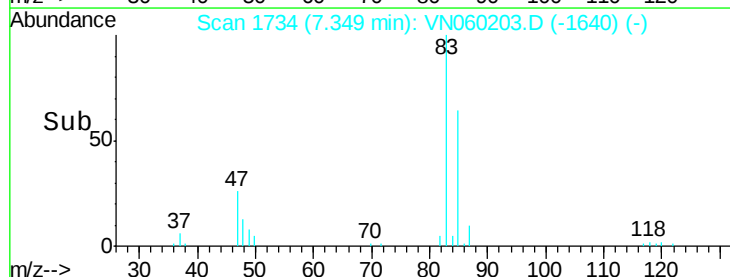
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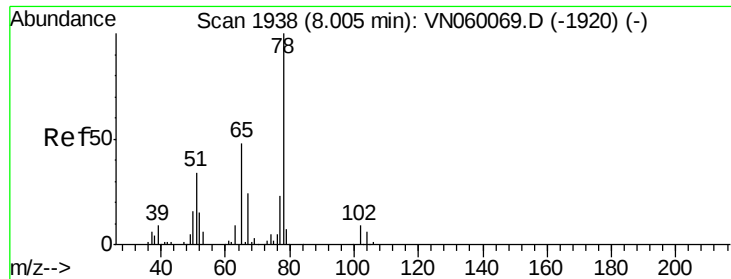
10000

0

7.30 7.40

Time-->

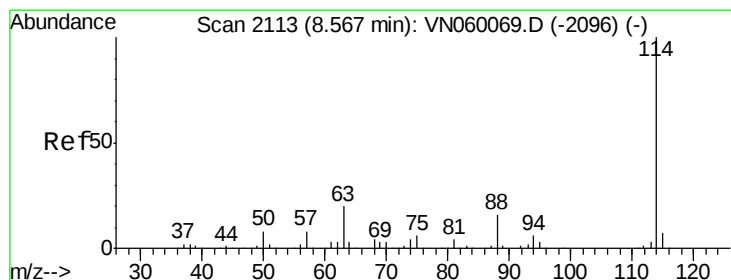
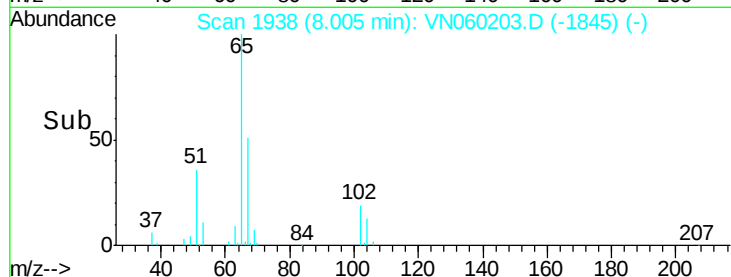
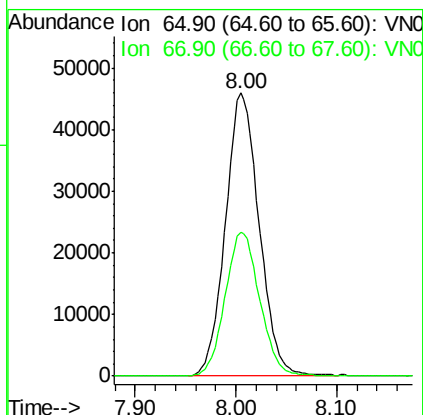
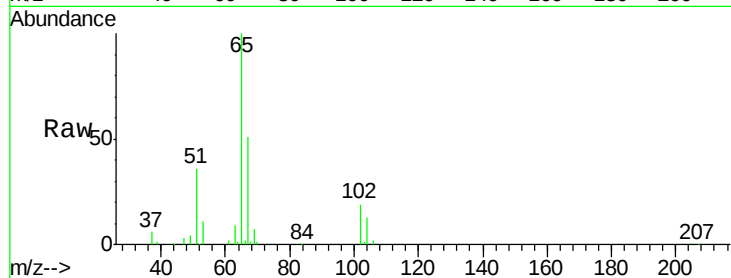




#33
 1,2-Dichloroethane-d4
 Concen: 48.013 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060203.D
 Acq: 24 Feb 2020 12:38

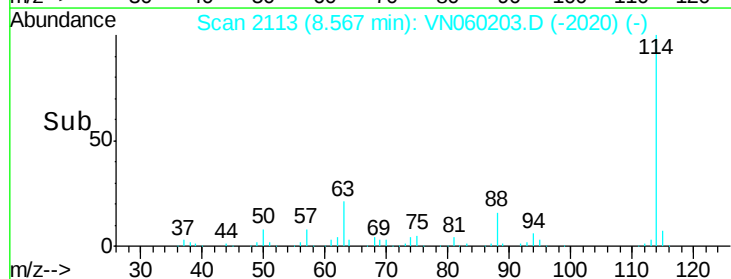
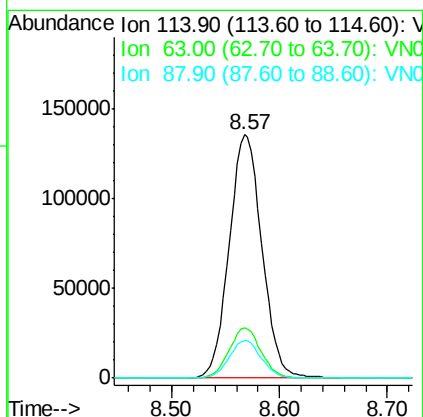
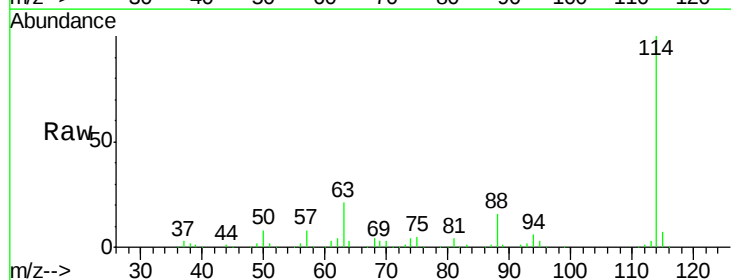
Instrument :
 MSVOA_N
 ClientSampleId :
 T1-SECTION-C

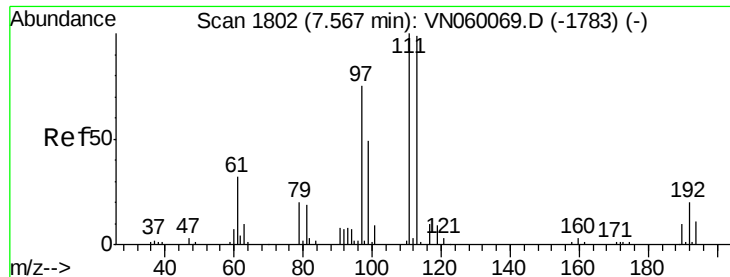
Tot Ion: 65 Resp: 107279
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060203.D
 Acq: 24 Feb 2020 12:38

Tgt Ion: 114 Resp: 286231
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.0
 88 15.6 0.0 31.6

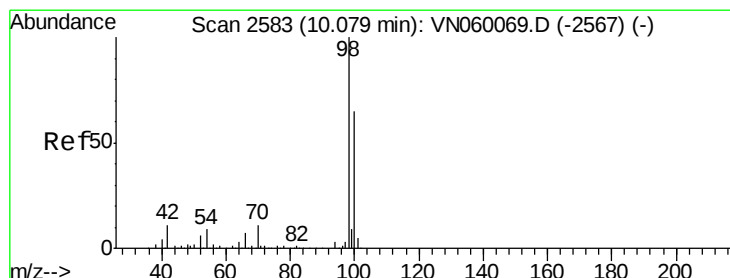
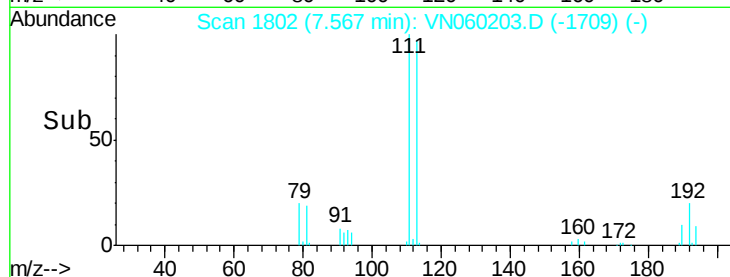
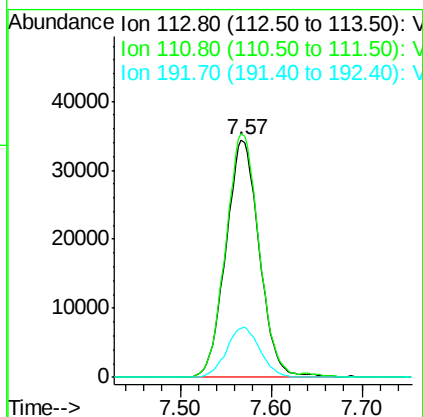
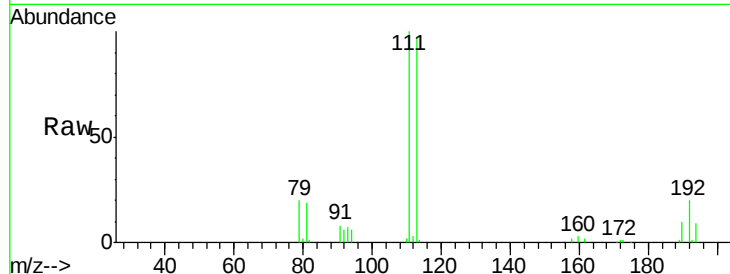




#35
Dibromofluoromethane
Concen: 49.782 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. -0.00 min
Lab File: VN060203.D
Acq: 24 Feb 2020 12:38

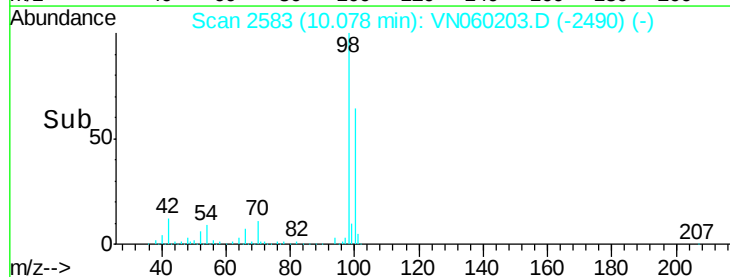
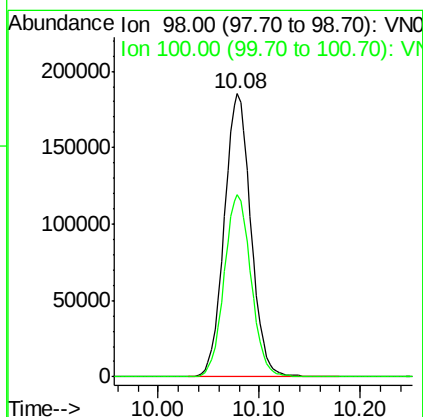
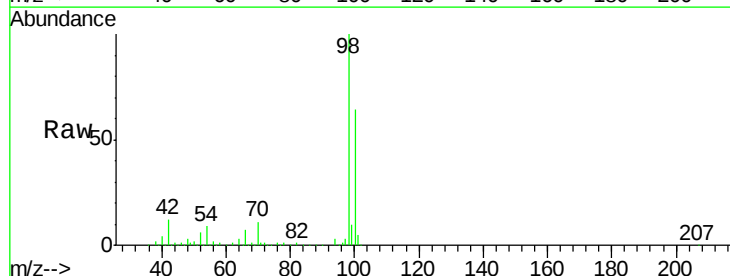
Instrument :
MSVOA_N
ClientSampleId :
T1-SECTION-C

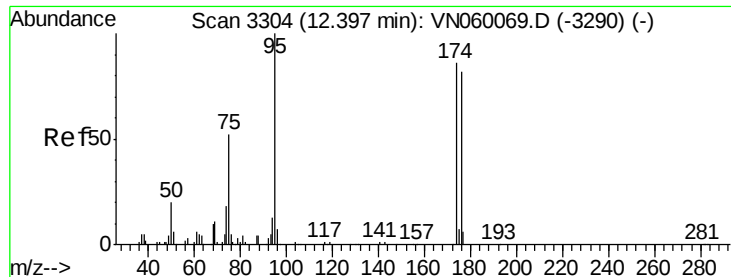
Tot Ion:113 Resp: 87589
Ion Ratio Lower Upper
113 100
111 102.3 81.4 122.2
192 21.1 16.2 24.2



#50
Toluene-d8
Concen: 49.242 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.00 min
Lab File: VN060203.D
Acq: 24 Feb 2020 12:38

Tgt Ion: 98 Resp: 341179
Ion Ratio Lower Upper
98 100
100 64.9 51.7 77.5





#62

4-Bromofluorobenzene

Concen: 46.874 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060203.D

Acq: 24 Feb 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

T1-SECTION-C

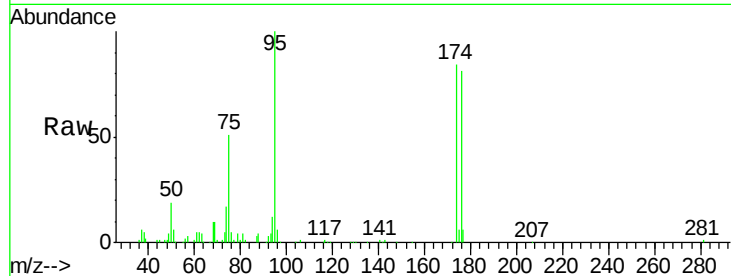
Tot Ion: 95 Resp: 119339

Ion Ratio Lower Upper

95 100

174 86.1 0.0 169.8

176 83.4 0.0 164.8

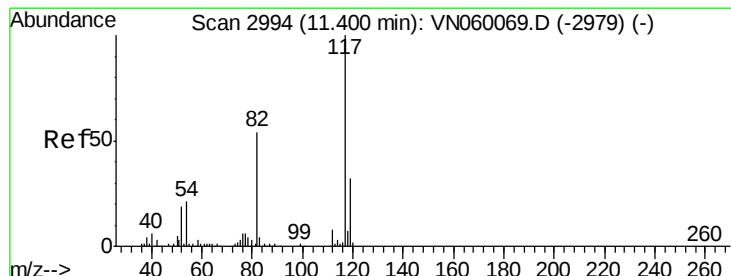
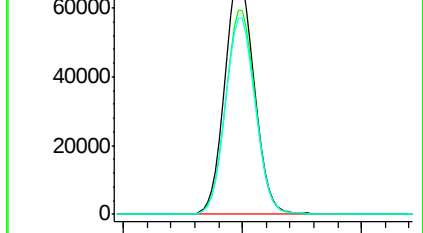
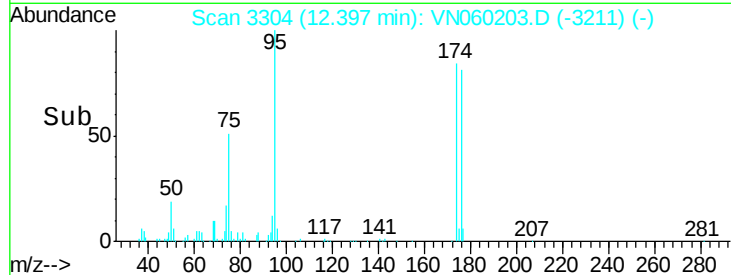


Abundance Ion 94.90 (94.60 to 95.60): VN060203.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060203.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060203.D (-3211) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060203.D

Acq: 24 Feb 2020 12:38

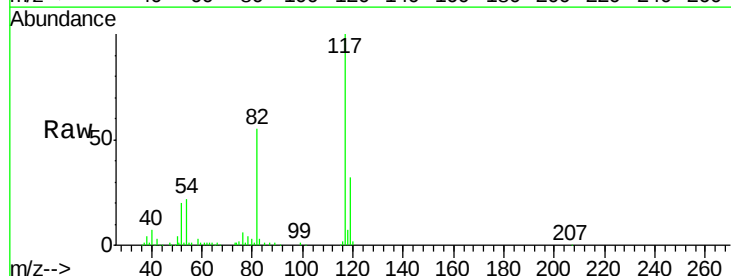
Tgt Ion: 117 Resp: 261083

Ion Ratio Lower Upper

117 100

82 54.8 43.4 65.0

119 32.0 25.8 38.6

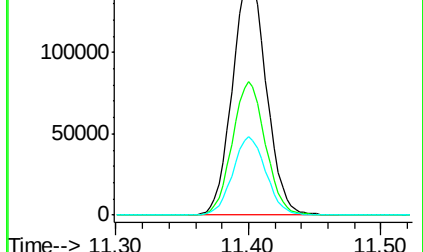
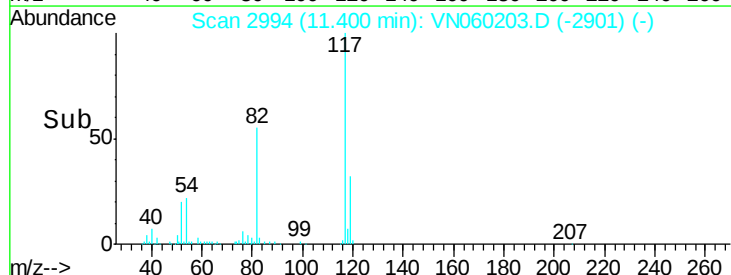


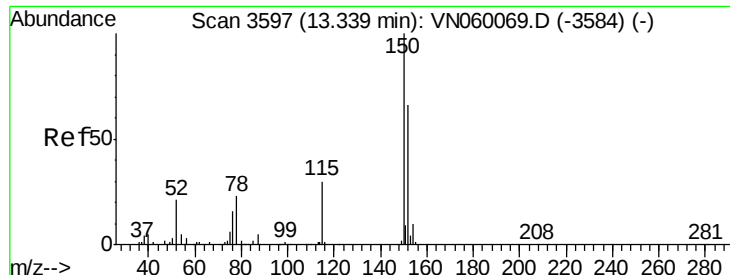
Abundance Ion 116.90 (116.60 to 117.60): VN060203.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060203.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060203.D (-2901) (-)

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN060203.D

Acq: 24 Feb 2020 12:38

Instrument :

MSVOA_N

ClientSampleId :

T1-SECTION-C

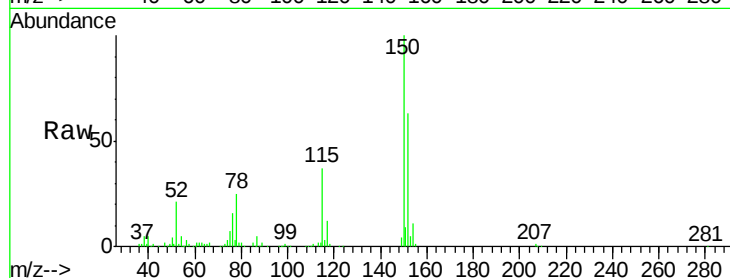
Tot Ion:152 Resp: 112745

Ion Ratio Lower Upper

152 100

115 58.1 28.9 86.8

150 157.3 0.0 342.4



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

