

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040720\
 Data File : VN060885.D
 Acq On : 7 Apr 2020 18:20
 Operator : JC/MD
 Sample : L2178-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2F

Quant Time: Apr 08 08:35:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

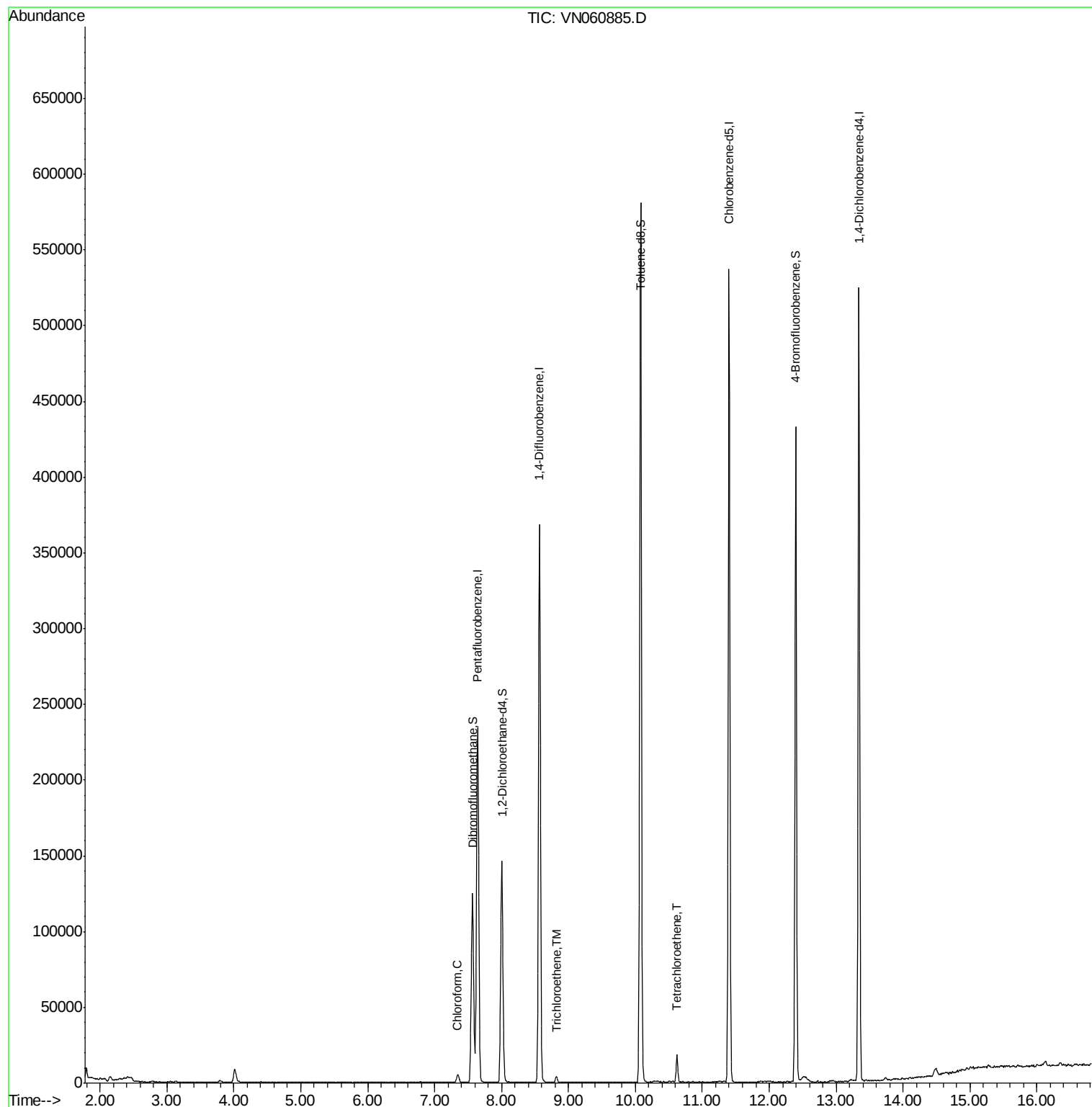
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	193872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	326731	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	305715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	139881	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	127705	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
35) Dibromofluoromethane	7.57	113	97243	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
50) Toluene-d8	10.08	98	400456	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
62) 4-Bromofluorobenzene	12.40	95	151321	51.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.34%	
Target Compounds						
30) Chloroform	7.35	83	5906	1.449	ug/l	94
44) Trichloroethene	8.81	130	1522	0.632	ug/l	97
64) Tetrachloroethene	10.62	164	4331	1.800	ug/l	97

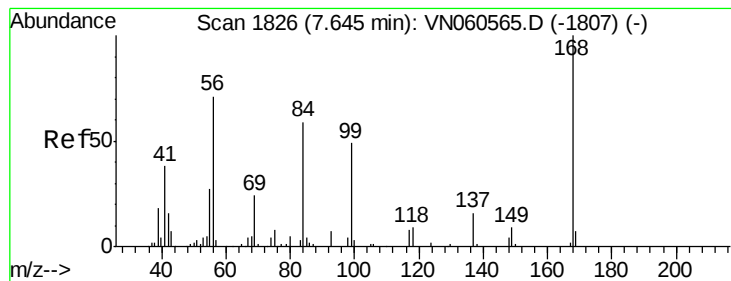
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN060885.D

Acq: 7 Apr 2020 18:20

Instrument :

MSVOA_N

ClientSampleId :

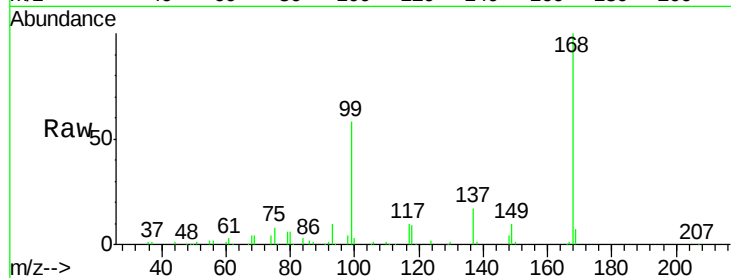
MW-2F

Tot Ion:168 Resp: 193872

Ion Ratio Lower Upper

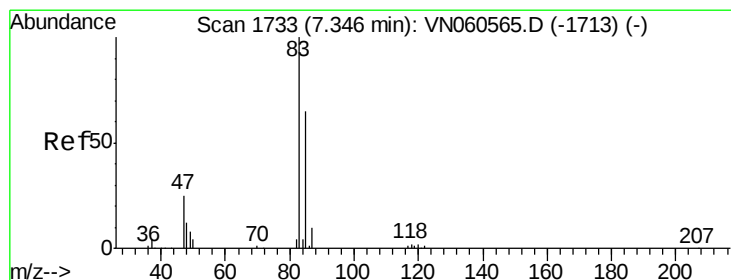
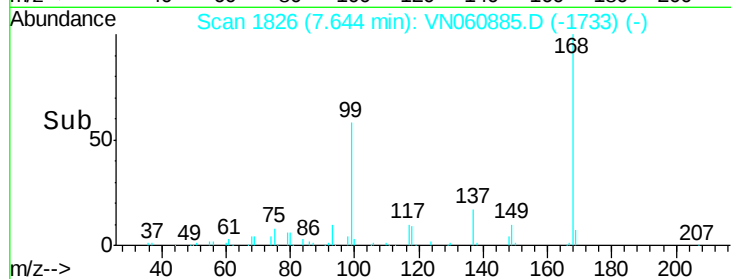
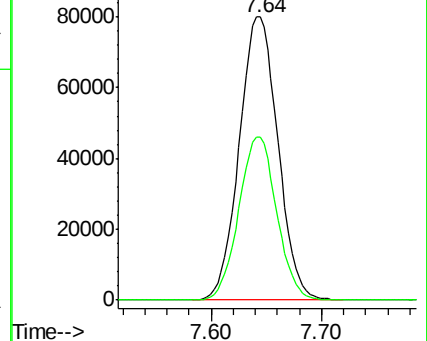
168 100

99 57.8 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#30

Chloroform

Concen: 1.449 ug/l

RT: 7.35 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VN060885.D

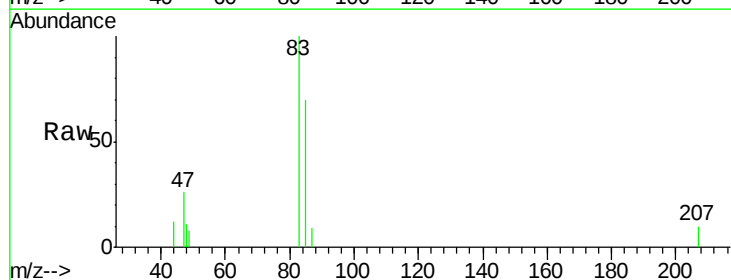
Acq: 7 Apr 2020 18:20

Tgt Ion: 83 Resp: 5906

Ion Ratio Lower Upper

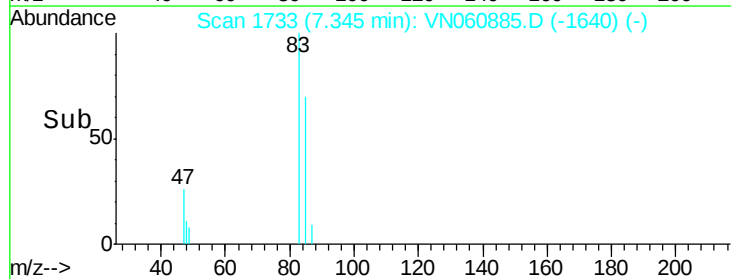
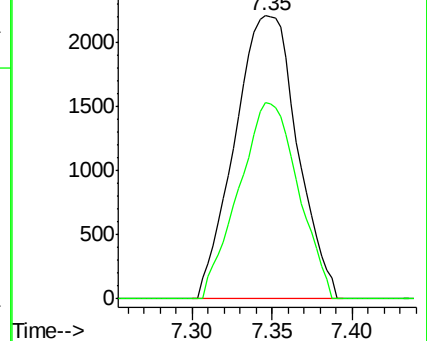
83 100

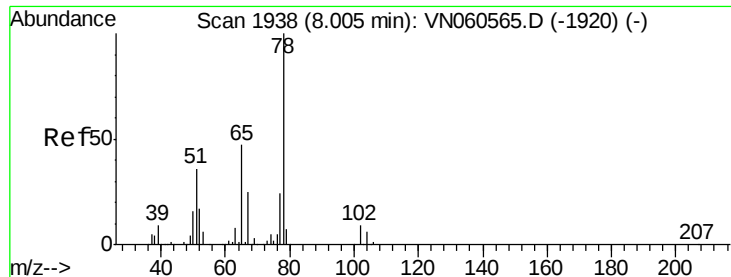
85 69.5 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 47.984 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.00 min

Lab File: VN060885.D

Acq: 7 Apr 2020 18:20

Instrument :

MSVOA_N

ClientSampleId :

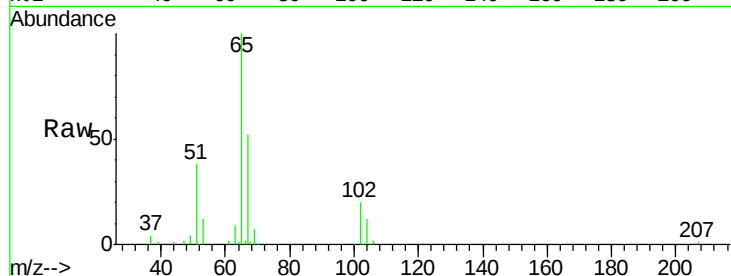
MW-2F

Tot Ion: 65 Resp: 127705

Ion Ratio Lower Upper

65 100

67 51.9 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN060885.D (-1845) (-)

Ion 66.90 (66.60 to 67.60): VN060885.D (-1845) (-)

8.00

60000

50000

40000

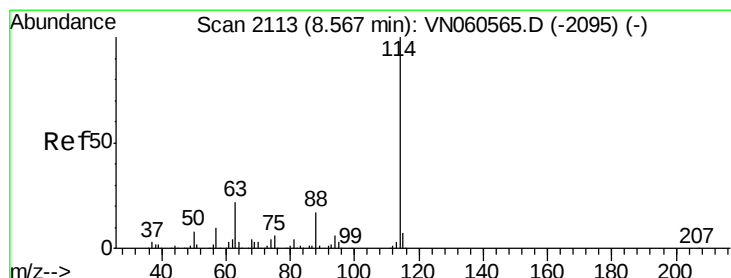
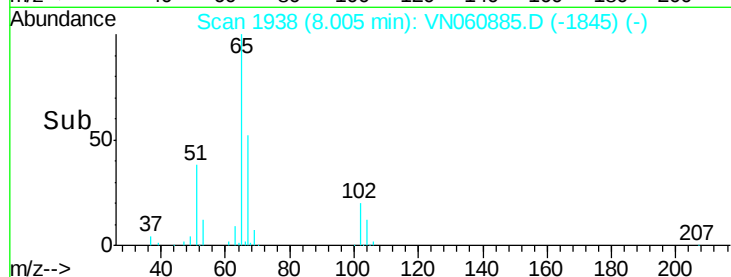
30000

20000

10000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2113

Delta R.T. -0.00 min

Lab File: VN060885.D

Acq: 7 Apr 2020 18:20

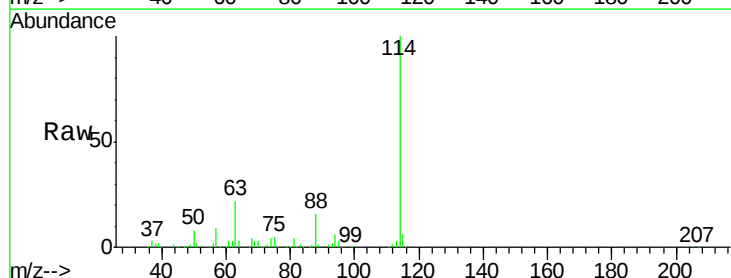
Tgt Ion: 114 Resp: 326731

Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.8

88 16.0 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): VN060885.D (-2020) (-)

Ion 63.00 (62.70 to 63.70): VN060885.D (-2020) (-)

Ion 87.90 (87.60 to 88.60): VN060885.D (-2020) (-)

8.57

200000

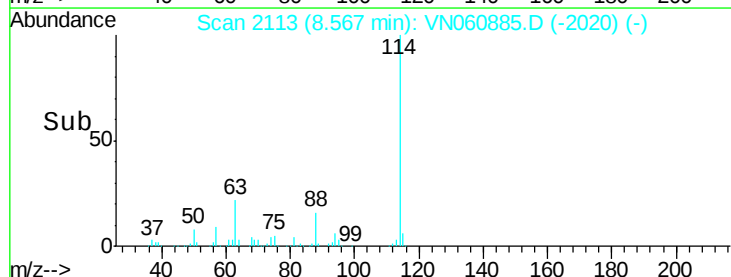
150000

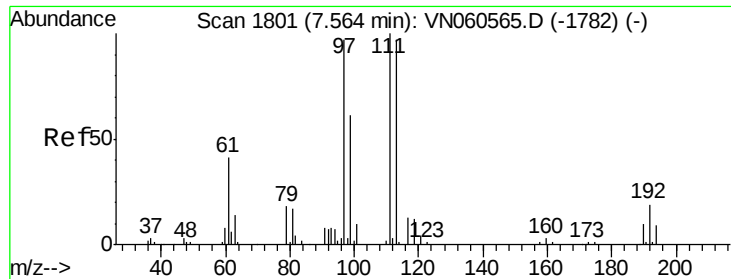
100000

50000

0

Time-->

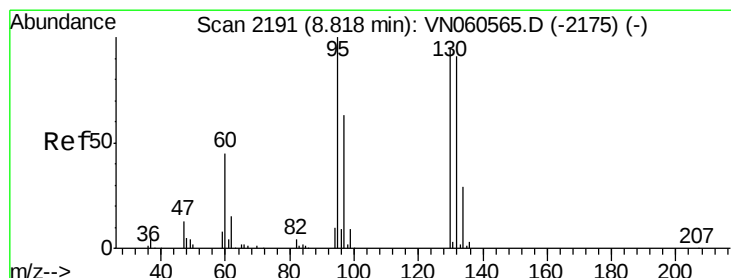
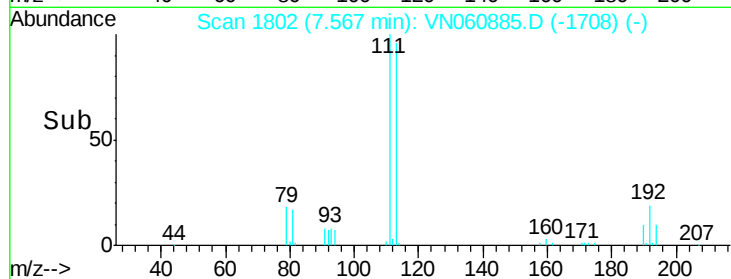
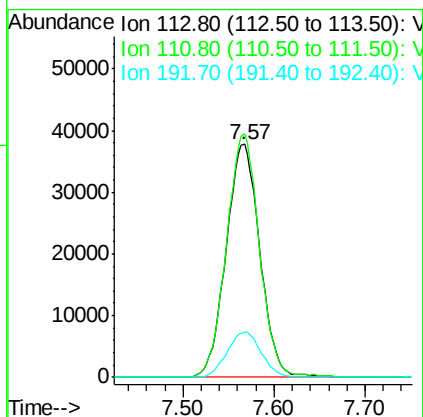
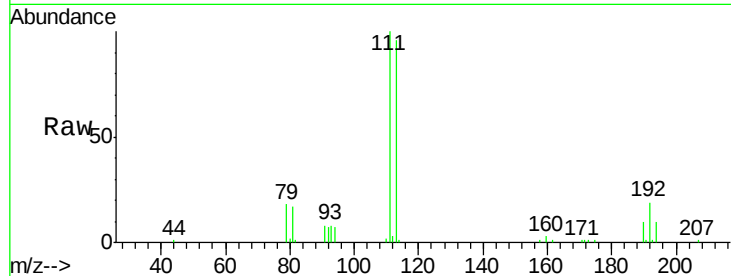




#35
 Dibromofluoromethane
 Concen: 49.221 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060885.D
 Acq: 7 Apr 2020 18:20

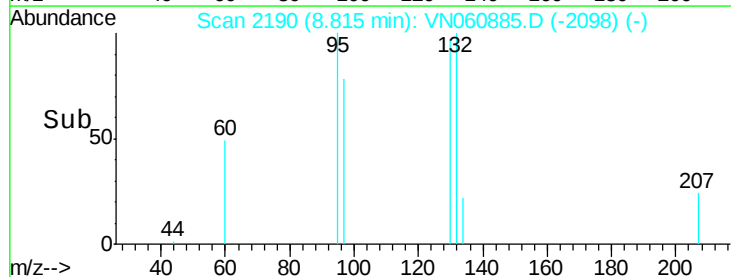
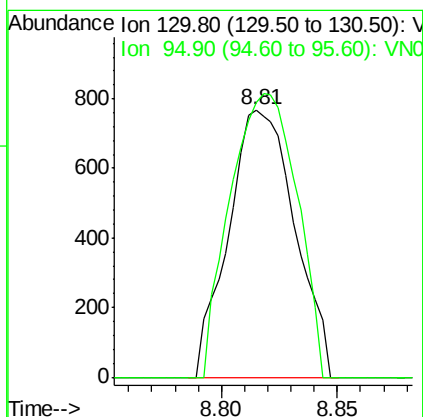
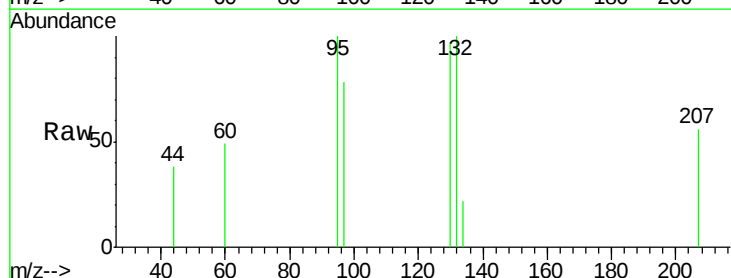
Instrument :
 MSVOA_N
 ClientSampled :
 MW-2F

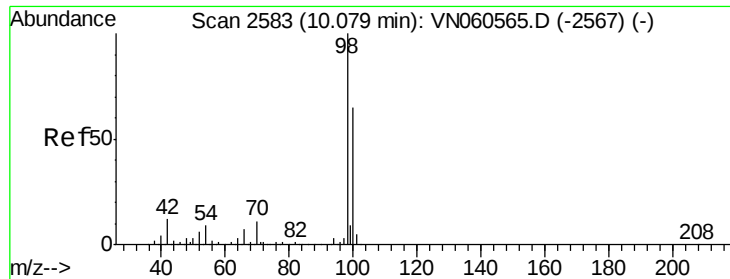
Tot Ion:113 Resp: 97243
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.9 124.3
 192 19.6 15.8 23.8



#44
 Trichloroethene
 Concen: 0.632 ug/l
 RT: 8.81 min Scan# 2190
 Delta R.T. -0.00 min
 Lab File: VN060885.D
 Acq: 7 Apr 2020 18:20

Tgt Ion:130 Resp: 1522
 Ion Ratio Lower Upper
 130 100
 95 102.6 0.0 211.2





#50

Toluene-d8

Concen: 49.625 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060885.D

Acq: 7 Apr 2020 18:20

Instrument :

MSVOA_N

ClientSampleId :

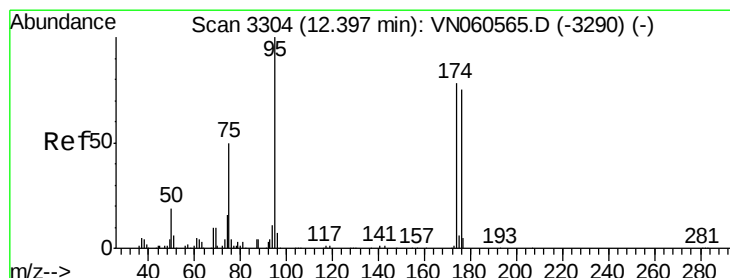
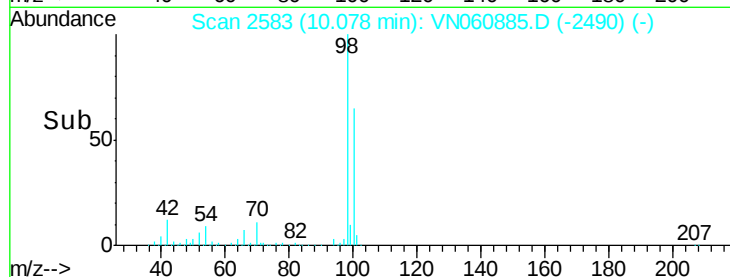
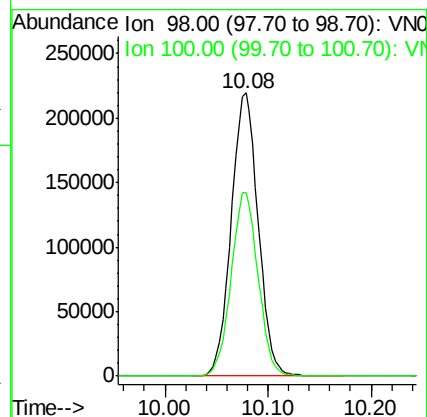
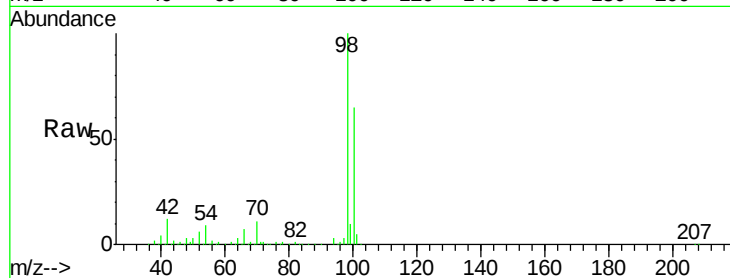
MW-2F

Tot Ion: 98 Resp: 400456

Ion Ratio Lower Upper

98 100

100 64.7 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 51.166 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060885.D

Acq: 7 Apr 2020 18:20

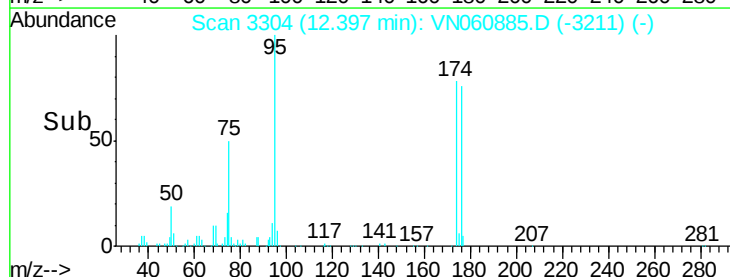
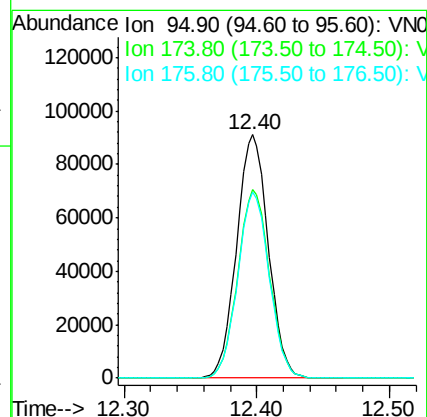
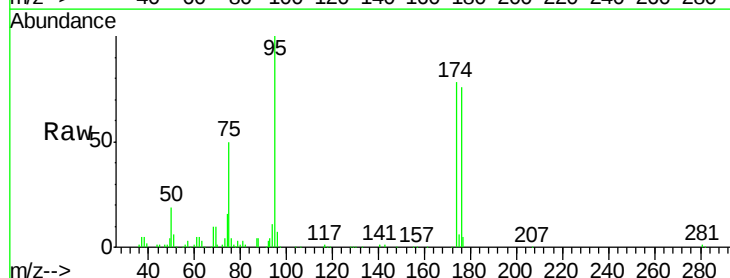
Tgt Ion: 95 Resp: 151321

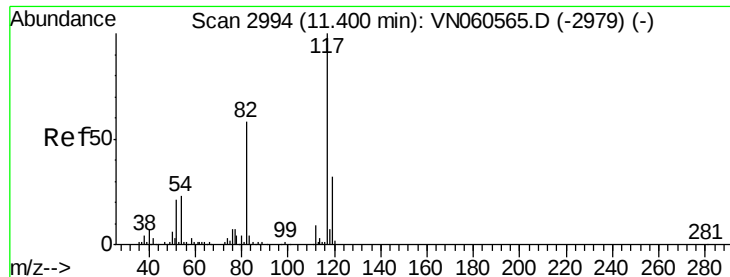
Ion Ratio Lower Upper

95 100

174 77.9 0.0 157.6

176 76.1 0.0 150.6

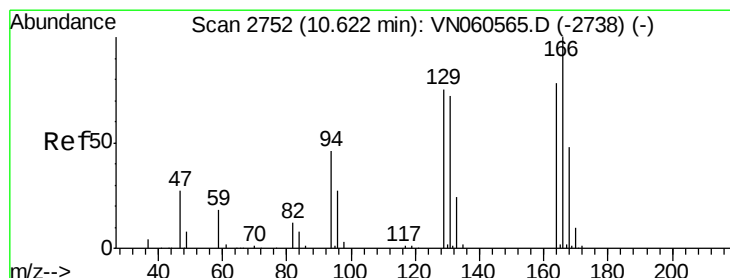
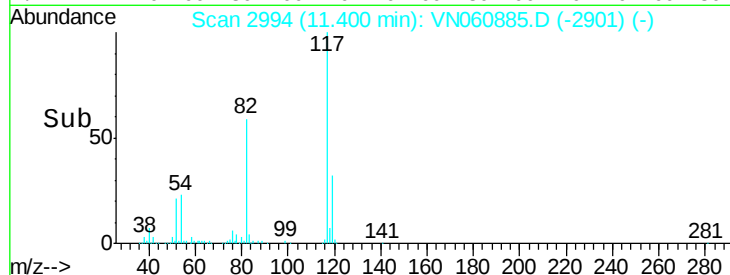
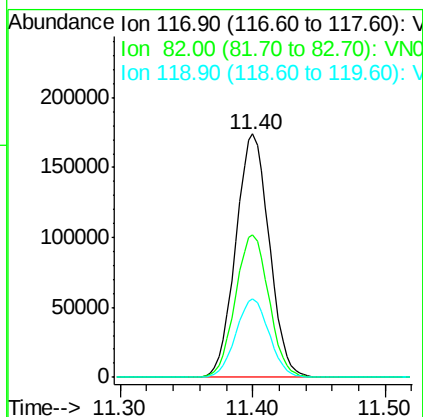
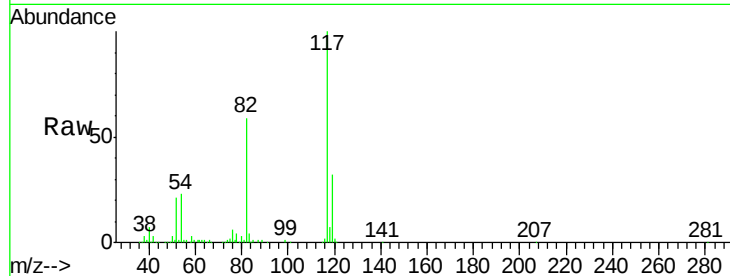




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060885.D
Acq: 7 Apr 2020 18:20

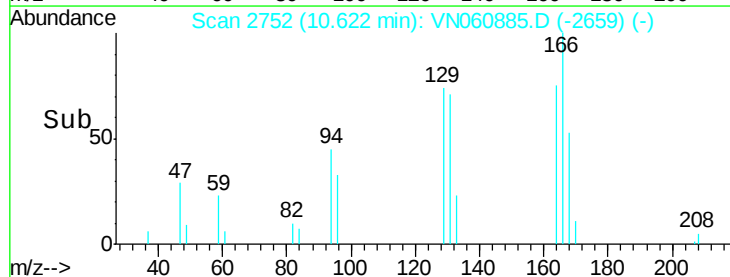
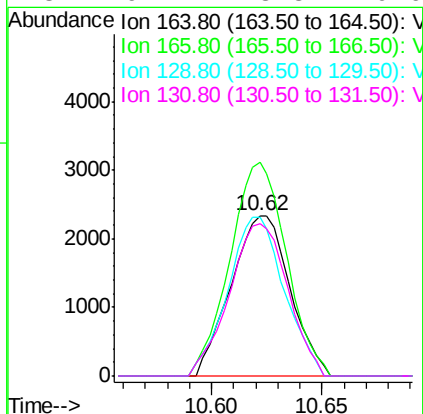
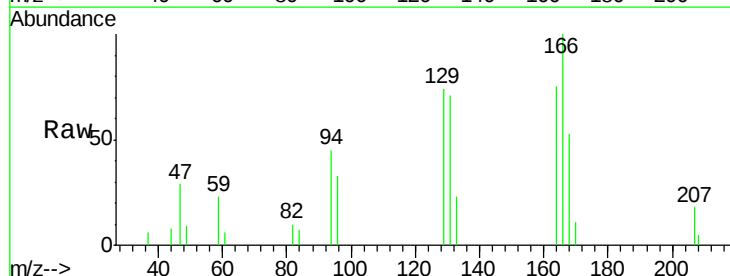
Instrument :
MSVOA_N
ClientSampleId :
MW-2F

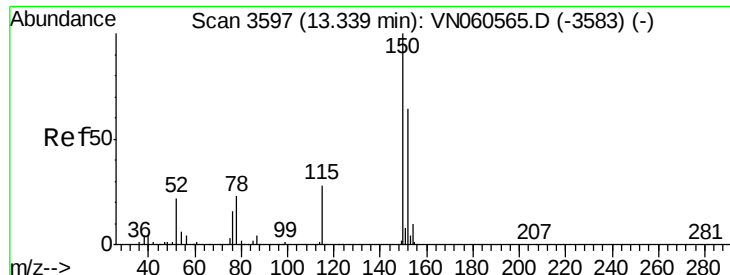
Tot Ion:117 Resp: 305715
Ion Ratio Lower Upper
117 100
82 58.8 46.7 70.1
119 32.0 25.5 38.3



#64
Tetrachloroethene
Concen: 1.800 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. -0.00 min
Lab File: VN060885.D
Acq: 7 Apr 2020 18:20

Tgt Ion:164 Resp: 4331
Ion Ratio Lower Upper
164 100
166 133.1 102.7 154.1
129 99.1 77.2 115.8
131 94.7 73.8 110.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN060885.D

Acq: 7 Apr 2020 18:20

Instrument :

MSVOA_N

ClientSampleId :

MW-2F

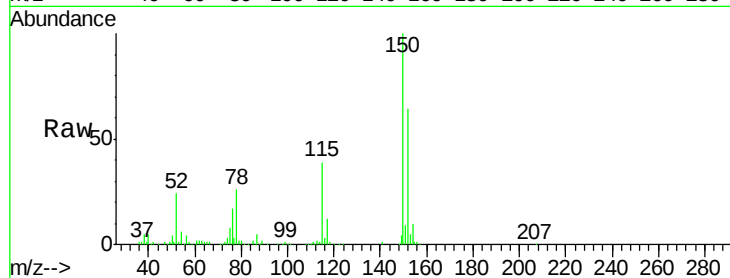
Tot Ion:152 Resp: 139881

Ion Ratio Lower Upper

152 100

115 60.7 30.2 90.6

150 156.2 0.0 350.2



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

