

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041720\
 Data File : VN061081.D
 Acq On : 18 Apr 2020 3:29
 Operator : JC/MD
 Sample : L2338-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-HN-MW24I-20200415

Quant Time: Apr 20 07:07:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 17 03:49:39 2020
 Response via : Initial Calibration

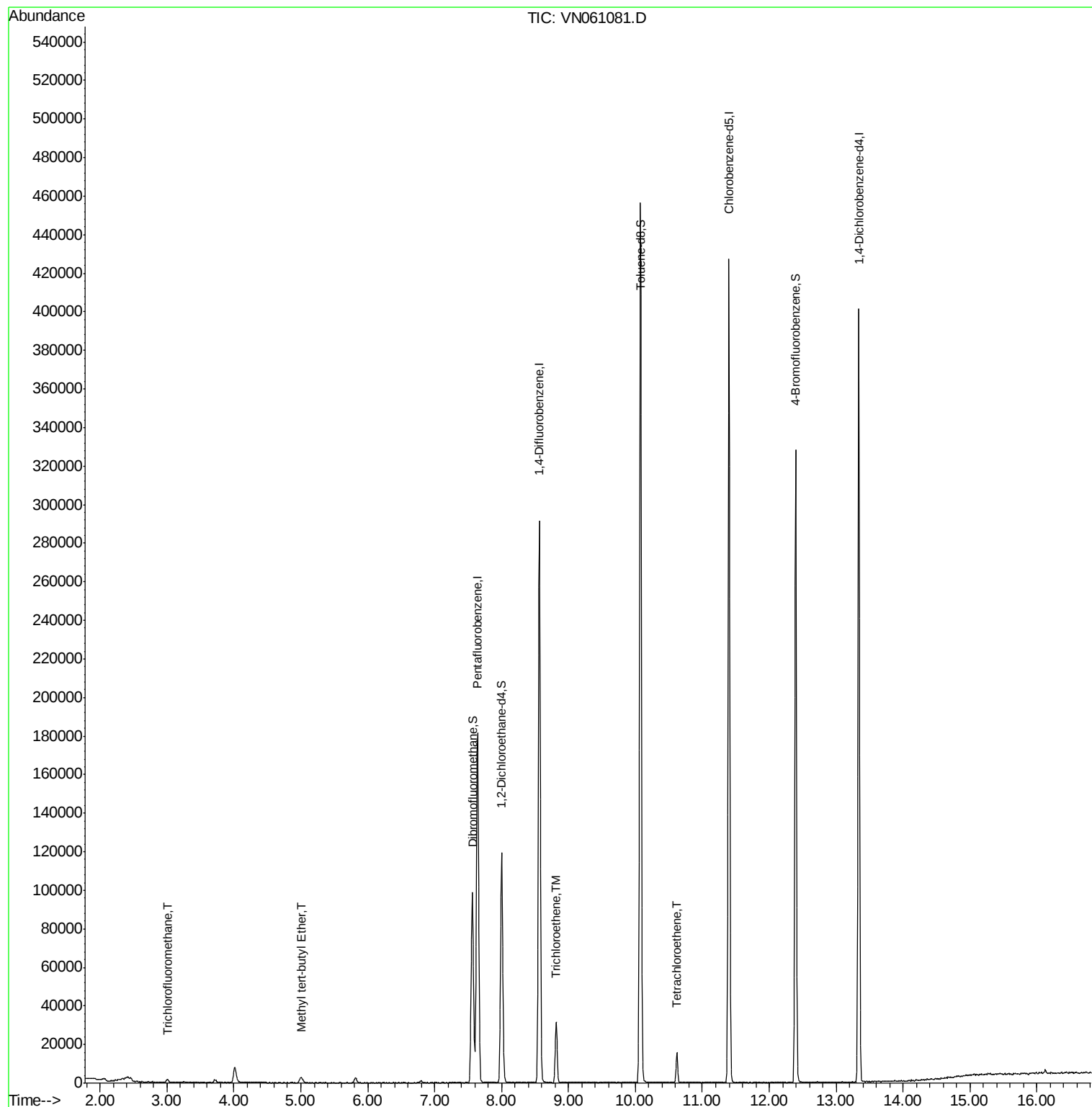
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	145722	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	251428	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	239000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	103246	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	101889	54.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.30%	
35) Dibromofluoromethane	7.56	113	75963	51.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.48%	
50) Toluene-d8	10.08	98	312313	56.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.58%	
62) 4-Bromofluorobenzene	12.39	95	115628	53.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.34%	
Target Compounds						
7) Trichlorofluoromethane	3.01	101	1619	0.605	ug/l	95
19) Methyl tert-butyl Ether	5.01	73	5226	0.940	ug/l	95
44) Trichloroethene	8.81	130	11764	6.083	ug/l	99
64) Tetrachloroethene	10.62	164	3664	2.003	ug/l	98

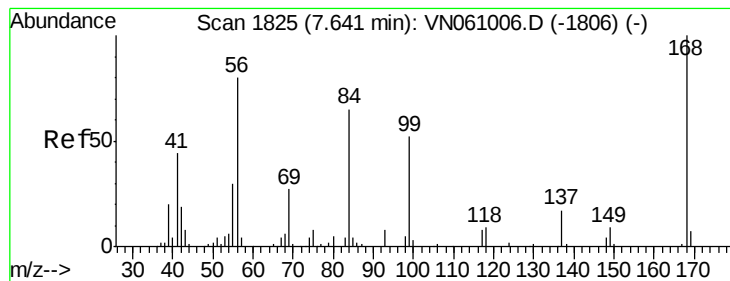
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041720\
Data File : VN061081.D
Acq On : 18 Apr 2020 3:29
Operator : JC/MD
Sample : L2338-13
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-HN-MW24I-20200415

Quant Time: Apr 20 07:07:35 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 17 03:49:39 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN061081.D

Acq: 18 Apr 2020 3:29

Instrument :

MSVOA_N

ClientSampleId :

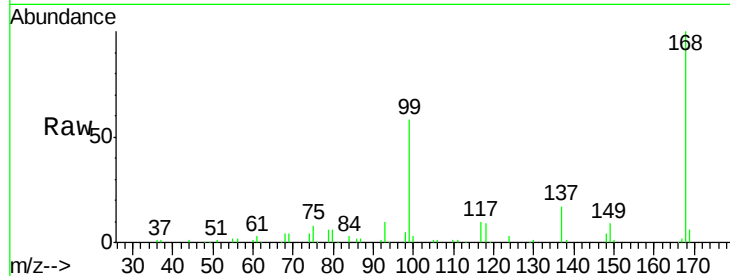
BP-HN-MW24I-20200415

Tot Ion:168 Resp: 145722

Ion Ratio Lower Upper

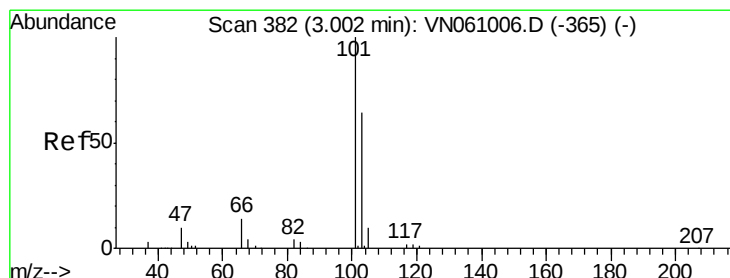
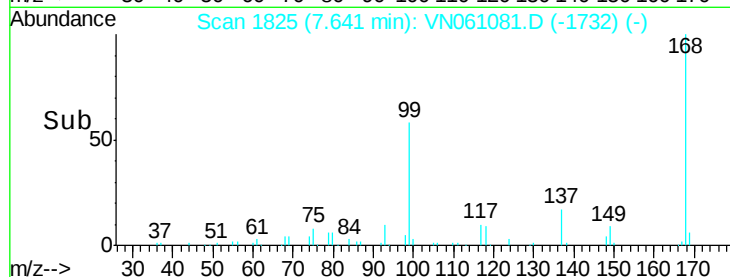
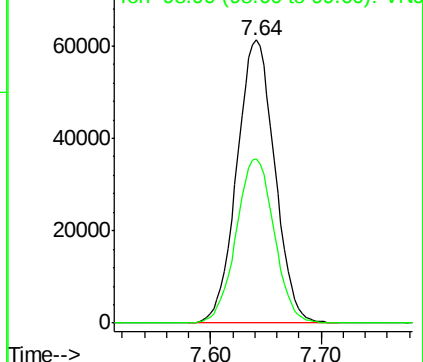
168 100

99 58.1 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#7

Trichlorofluoromethane

Concen: 0.605 ug/l

RT: 3.01 min Scan# 384

Delta R.T. 0.01 min

Lab File: VN061081.D

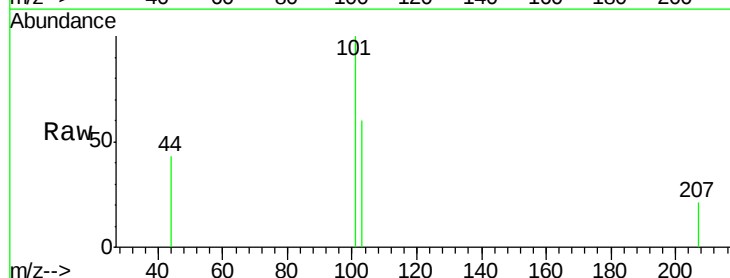
Acq: 18 Apr 2020 3:29

Tgt Ion:101 Resp: 1619

Ion Ratio Lower Upper

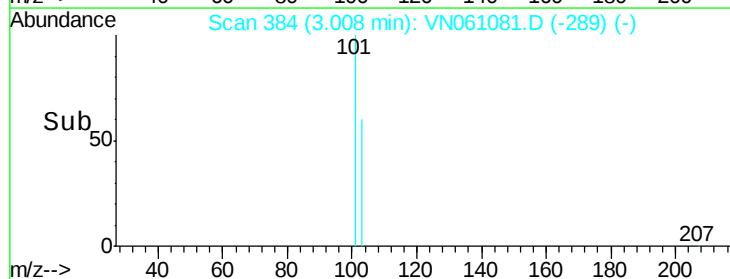
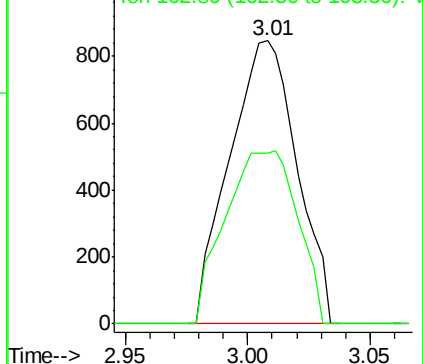
101 100

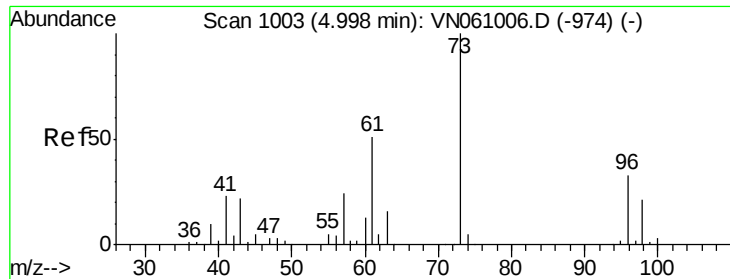
103 60.3 51.4 77.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V

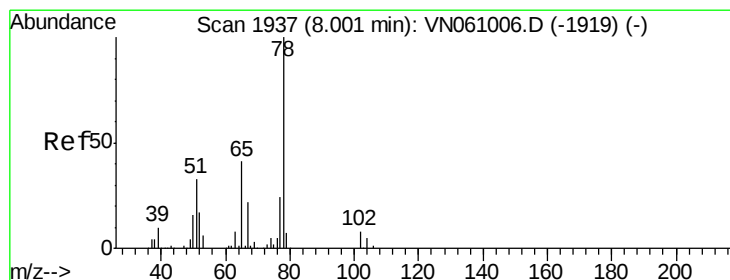
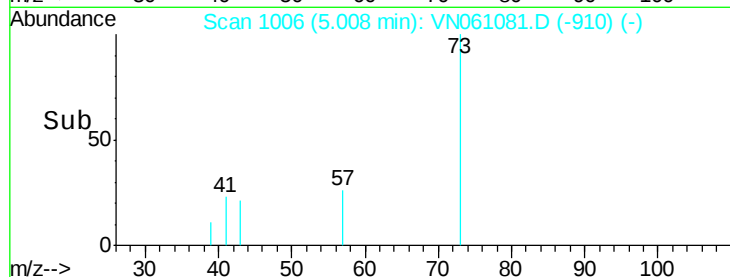
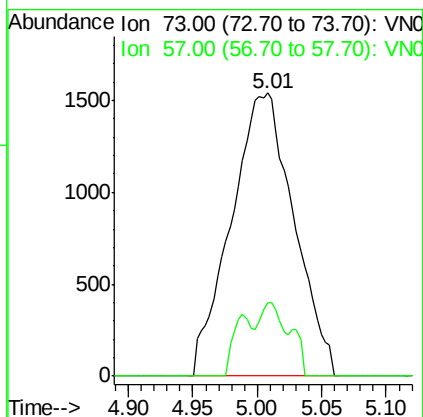
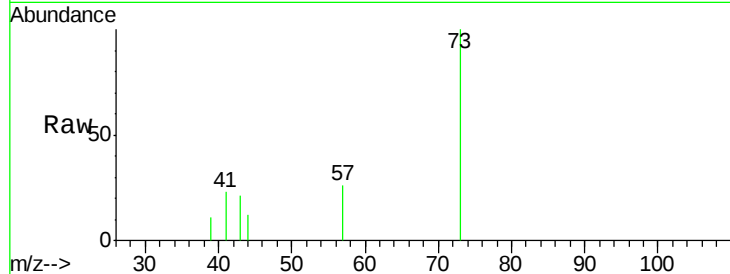




#19
Methvl tert-butvl Ether
Concen: 0.940 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. 0.01 min
Lab File: VN061081.D
Acq: 18 Apr 2020 3:29

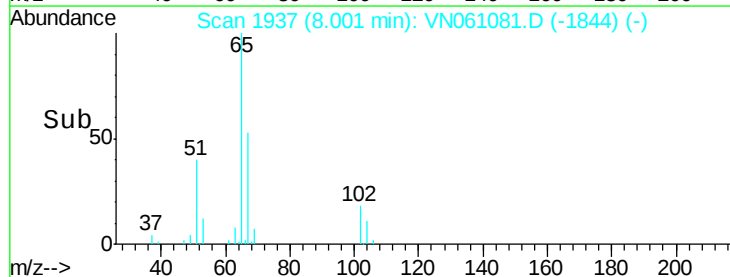
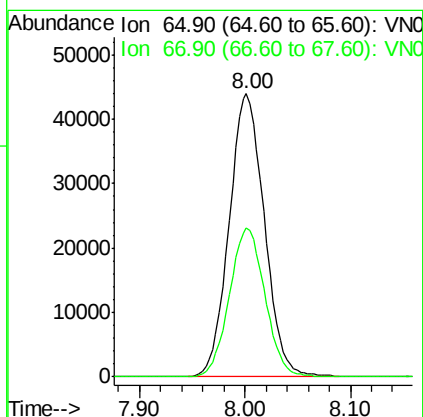
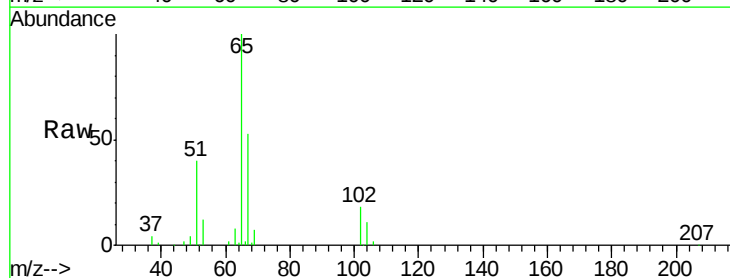
Instrument :
MSVOA_N
ClientSampleId :
BP-HN-MW24I-20200415

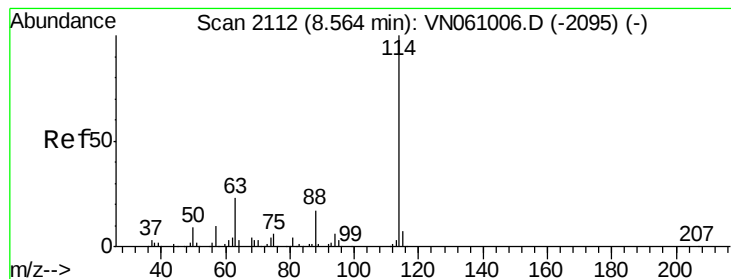
Tot Ion: 73 Resp: 5226
Ion Ratio Lower Upper
73 100
57 26.1 19.0 28.4



#33
1,2-Dichloroethane-d4
Concen: 54.649 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN061081.D
Acq: 18 Apr 2020 3:29

Tgt Ion: 65 Resp: 101889
Ion Ratio Lower Upper
65 100
67 53.0 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. 0.00 min

Lab File: VN061081.D

Acq: 18 Apr 2020 3:29

Instrument :

MSVOA_N

ClientSampleId :

BP-HN-MW24I-20200415

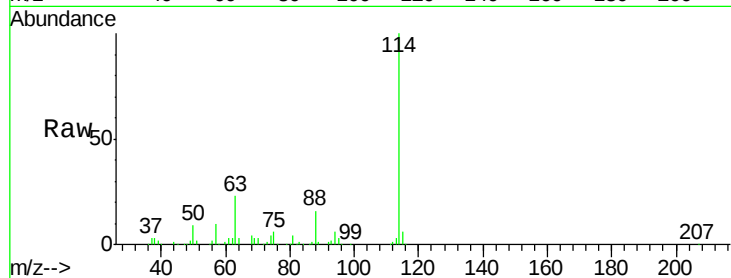
Tot Ion:114 Resp: 251428

Ion Ratio Lower Upper

114 100

63 22.8 0.0 46.2

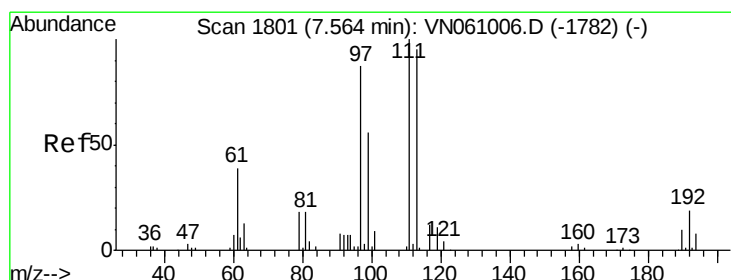
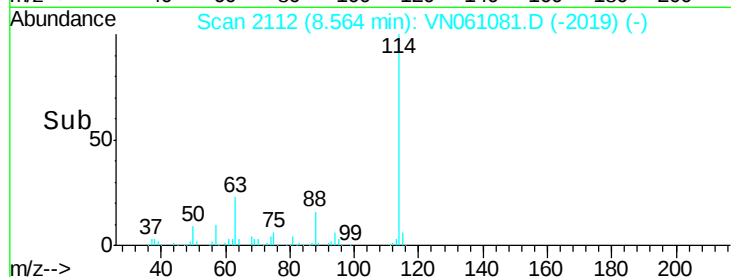
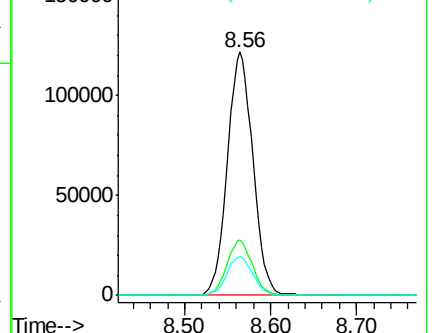
88 16.1 0.0 33.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 51.735 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN061081.D

Acq: 18 Apr 2020 3:29

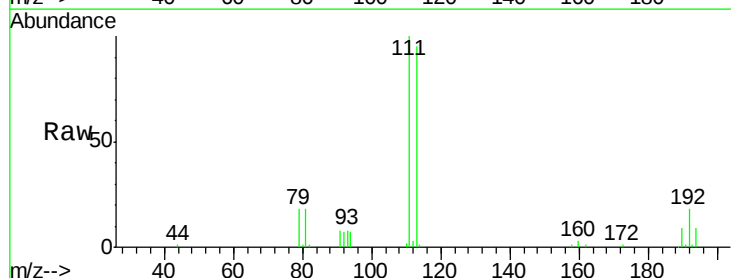
Tgt Ion:113 Resp: 75963

Ion Ratio Lower Upper

113 100

111 104.2 83.4 125.2

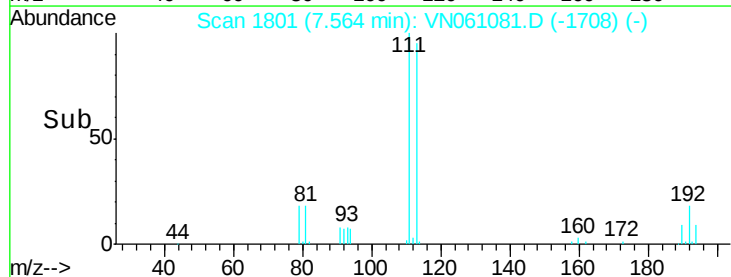
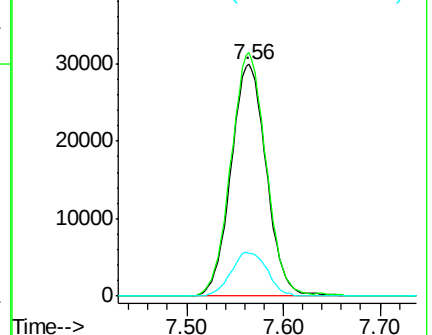
192 19.3 15.5 23.3

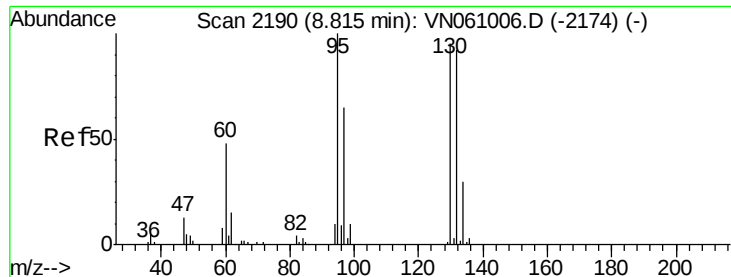


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 6.083 ug/l

RT: 8.81 min Scan# 2190

Delta R.T. 0.00 min

Lab File: VN061081.D

Acq: 18 Apr 2020 3:29

Instrument :

MSVOA_N

ClientSampleId :

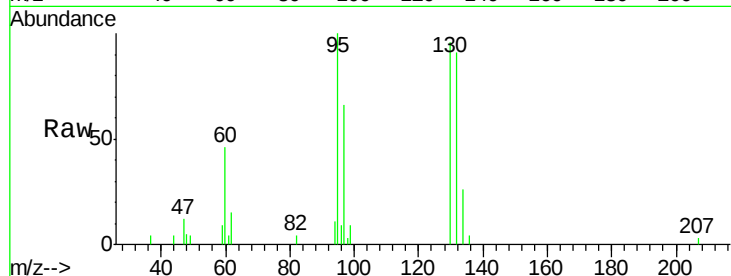
BP-HN-MW24I-20200415

Tot Ion:130 Resp: 11764

Ion Ratio Lower Upper

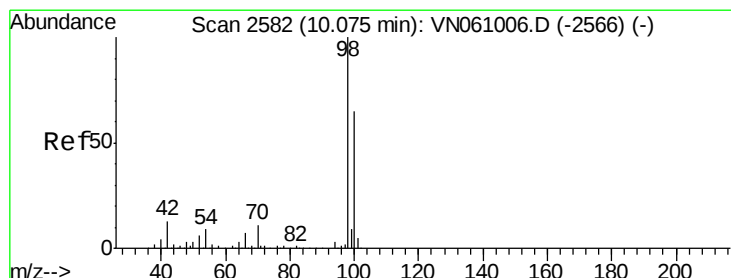
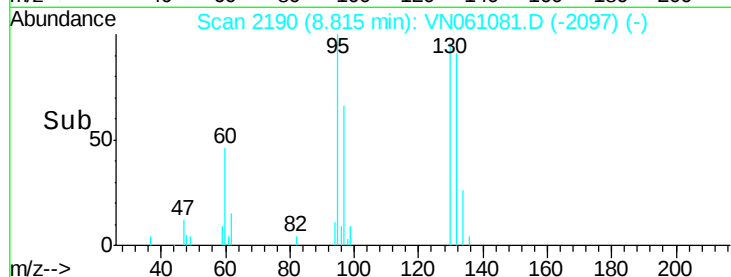
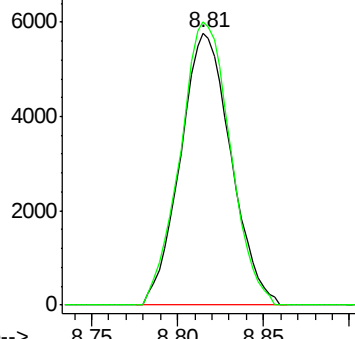
130 100

95 103.9 0.0 210.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN



#50

Toluene-d8

Concen: 56.288 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.00 min

Lab File: VN061081.D

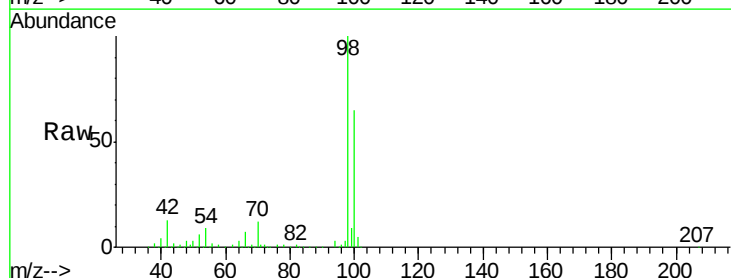
Acq: 18 Apr 2020 3:29

Tgt Ion: 98 Resp: 312313

Ion Ratio Lower Upper

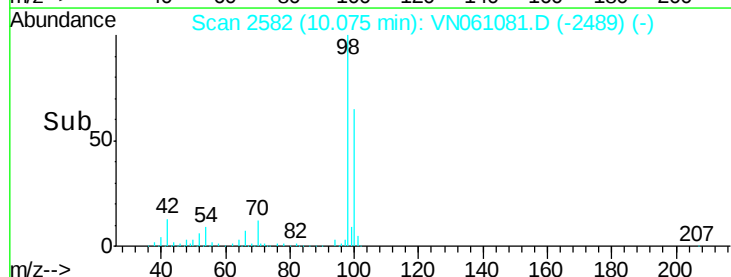
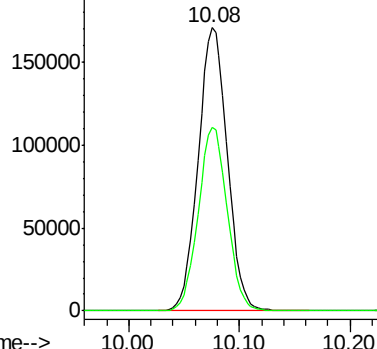
98 100

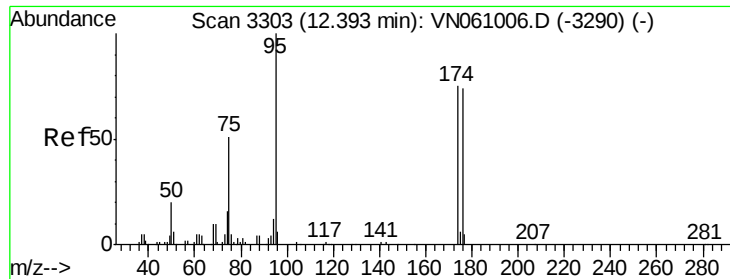
100 64.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

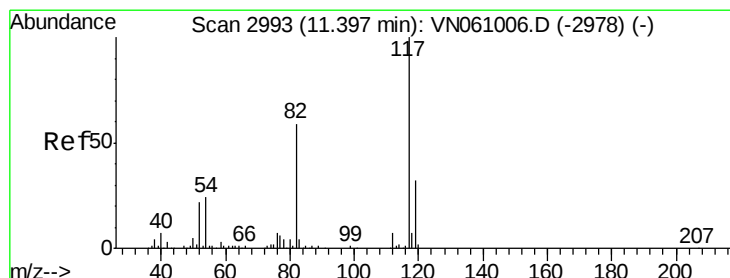
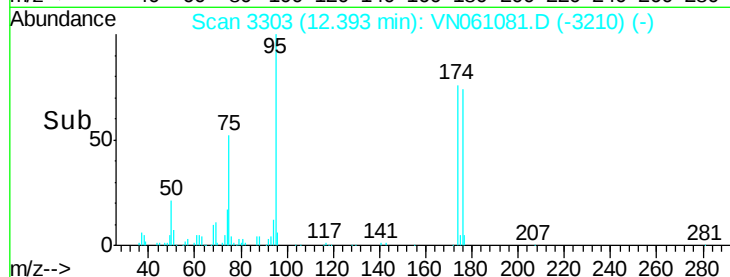
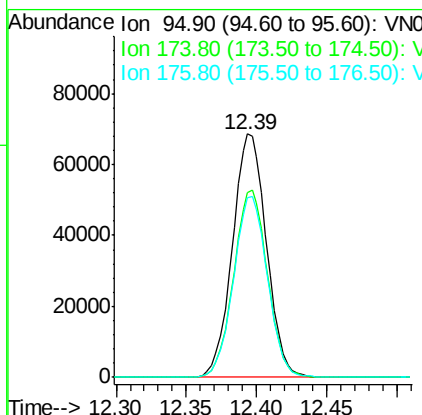
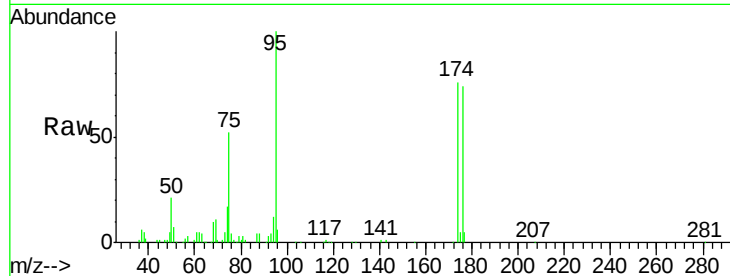




#62
4-Bromofluorobenzene
Concen: 53.172 ug/l
RT: 12.39 min Scan# 3303
Delta R.T. 0.00 min
Lab File: VN061081.D
Acq: 18 Apr 2020 3:29

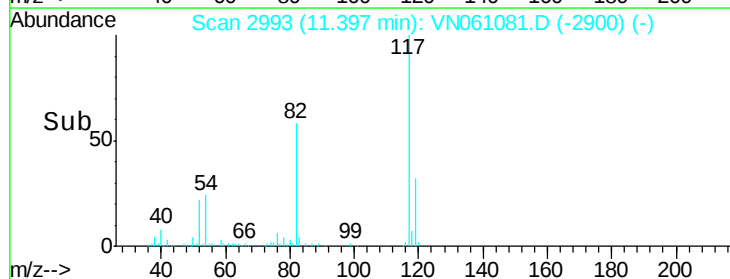
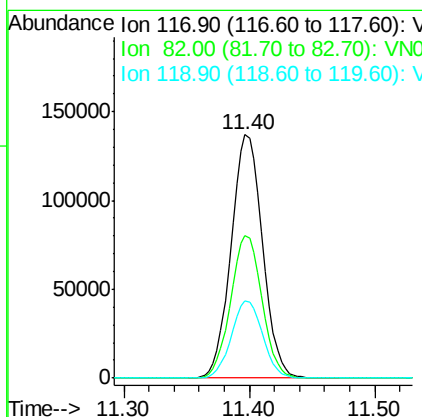
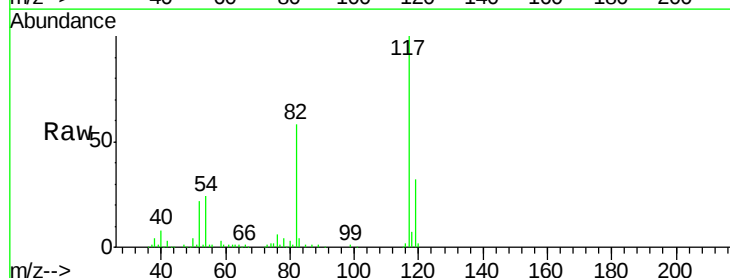
Instrument :
MSVOA_N
ClientSampleId :
BP-HN-MW24I-20200415

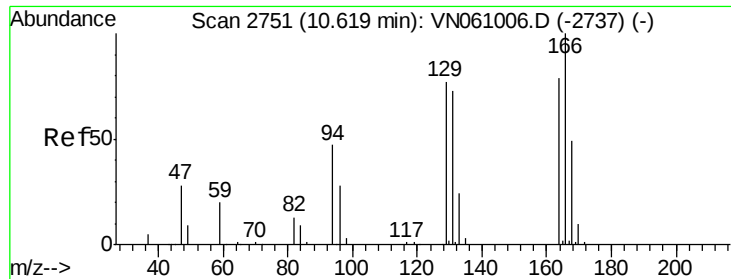
Tot Ion: 95 Resp: 115628
Ion Ratio Lower Upper
95 100
174 76.5 0.0 151.2
176 74.4 0.0 148.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. 0.00 min
Lab File: VN061081.D
Acq: 18 Apr 2020 3:29

Tgt Ion: 117 Resp: 239000
Ion Ratio Lower Upper
117 100
82 58.5 47.1 70.7
119 31.7 25.7 38.5





#64

Tetrachloroethene

Concen: 2.003 ug/l

RT: 10.62 min Scan# 2751

Delta R.T. 0.00 min

Lab File: VN061081.D

Acq: 18 Apr 2020 3:29

Instrument :

MSVOA_N

ClientSampleId :

BP-HN-MW24I-20200415

Tot Ion:164 Resp: 3664

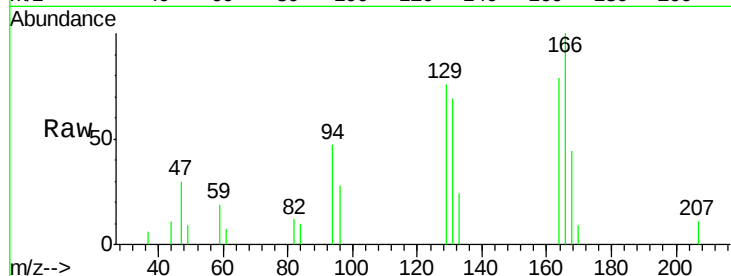
Ion Ratio Lower Upper

164 100

166 126.5 101.6 152.4

129 96.3 78.5 117.7

131 87.1 74.3 111.5



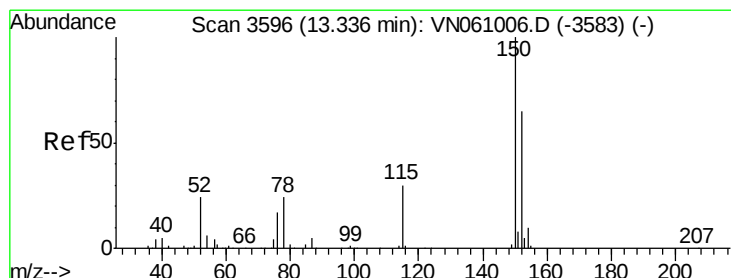
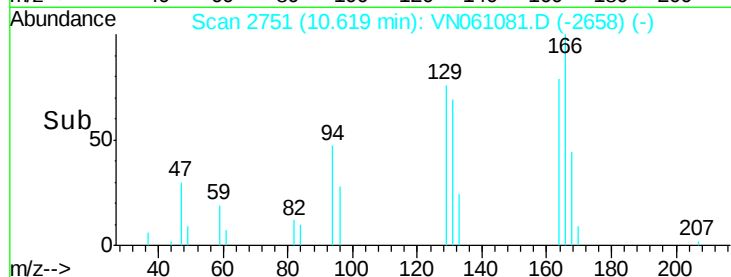
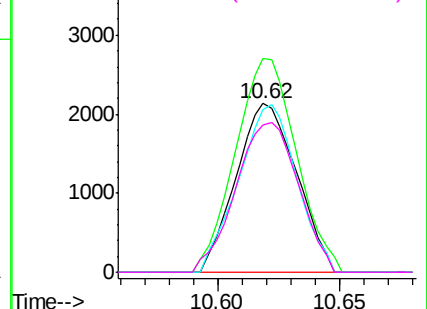
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN061081.D

Acq: 18 Apr 2020 3:29

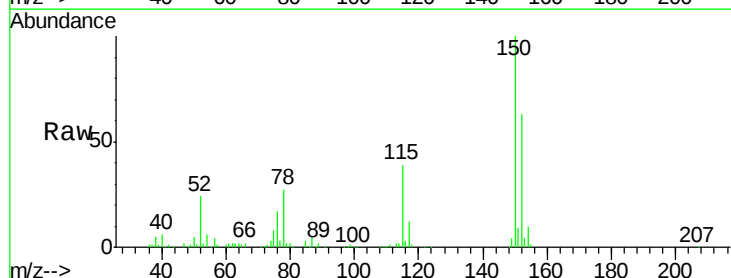
Tgt Ion:152 Resp: 103246

Ion Ratio Lower Upper

152 100

115 61.1 30.8 92.4

150 158.5 0.0 349.0



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

