

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042020\
 Data File : VN061107.D
 Acq On : 20 Apr 2020 17:22
 Operator : JC/MD
 Sample : L2330-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PA-TWP-3

Quant Time: Apr 21 06:04:29 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

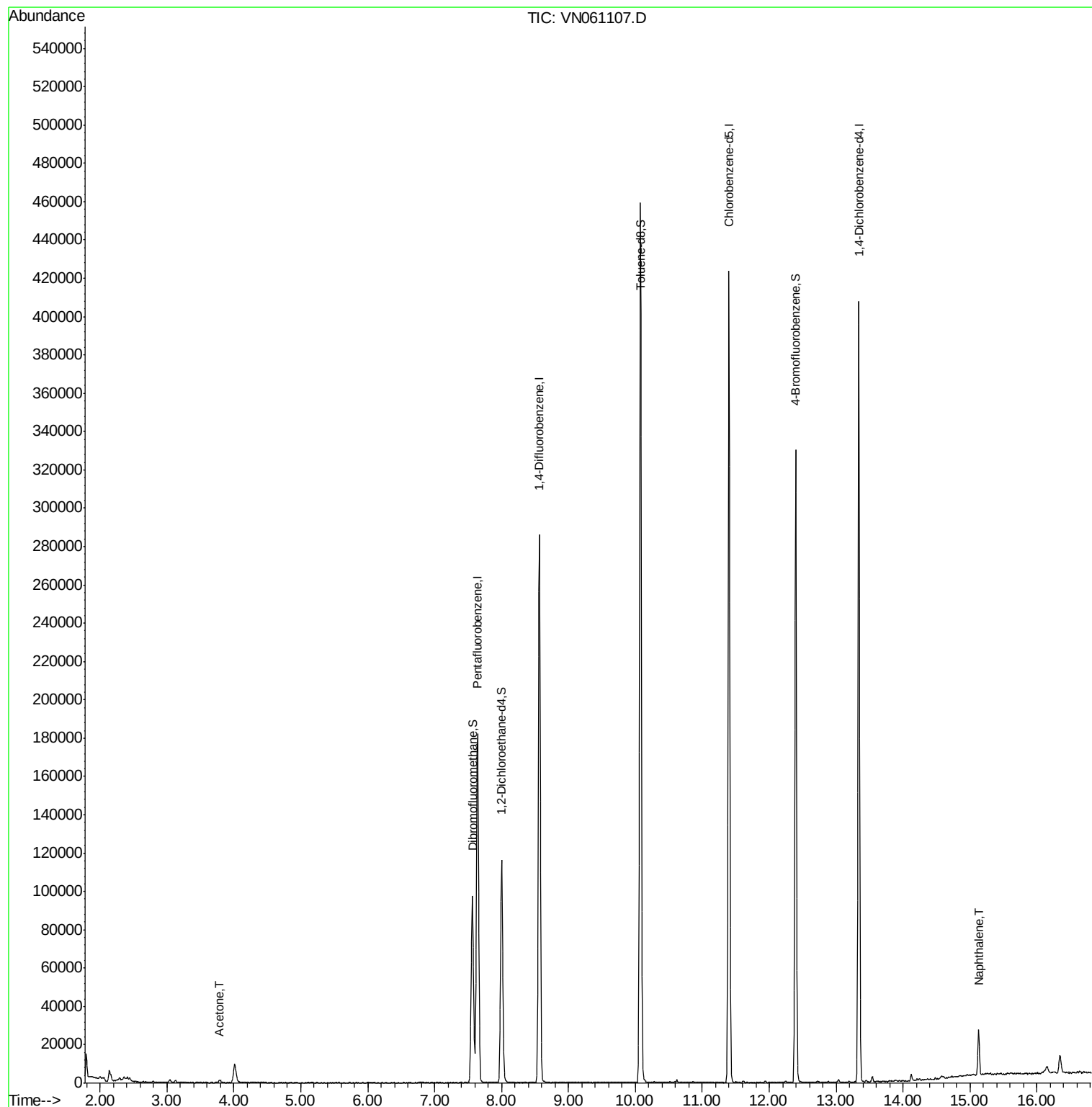
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	146062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	250735	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	236837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	105058	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	99808	53.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.82%	
35) Dibromofluoromethane	7.56	113	76019	51.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.84%	
50) Toluene-d8	10.08	98	312674	56.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.02%	
62) 4-Bromofluorobenzene	12.40	95	114896	52.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.96%	
Target Compounds						
16) Acetone	3.78	43	2440	2.966	ug/l	97
95) Naphthalene	15.13	128	20659	3.581	ug/l	100

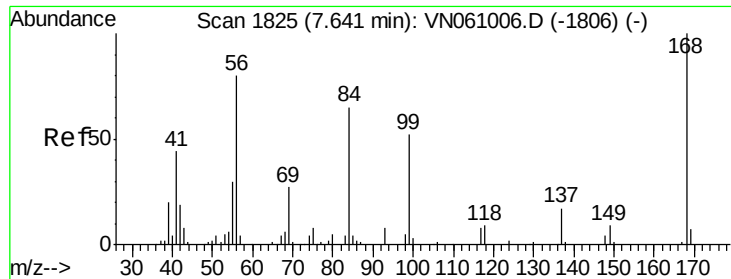
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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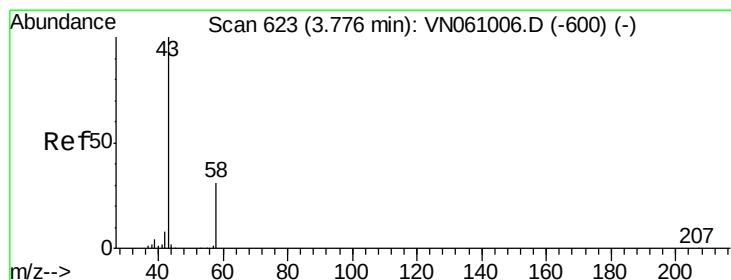
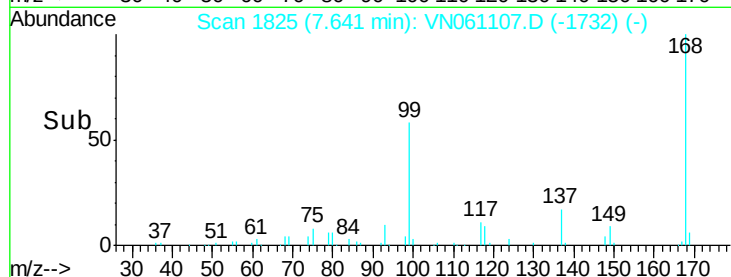
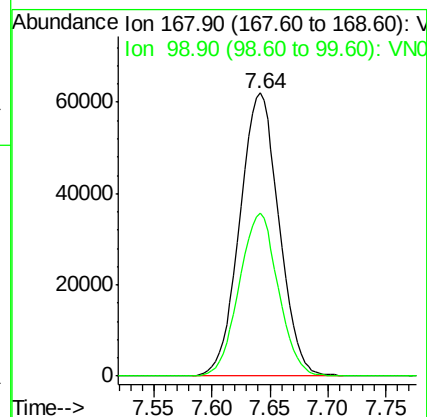
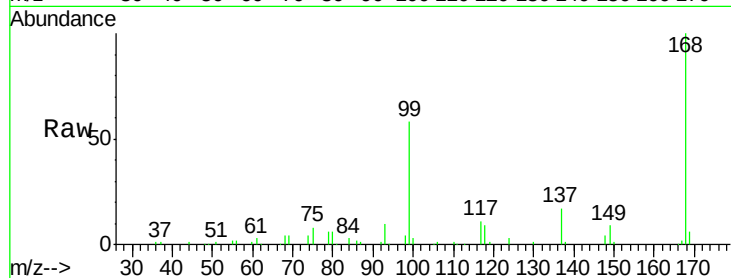




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.64 min Scan# 1825
Delta R.T. 0.00 min
Lab File: VN061107.D
Acq: 20 Apr 2020 17:22

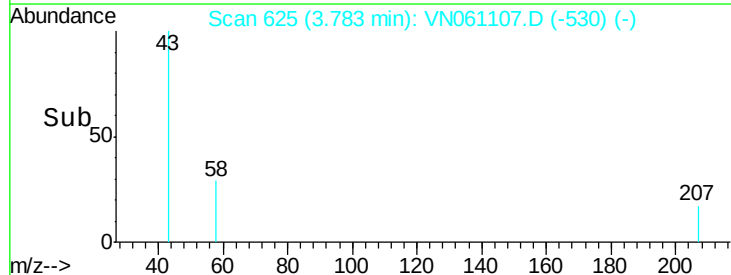
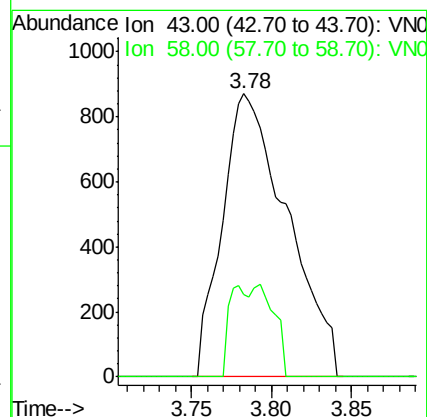
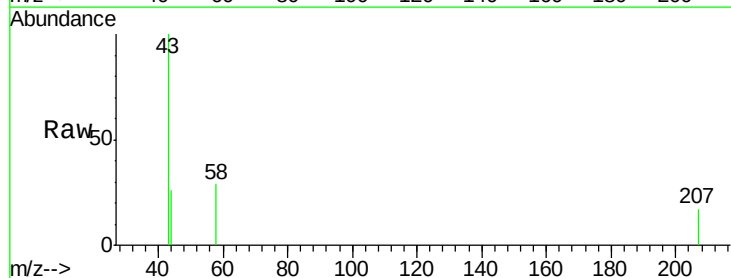
Instrument :
MSVOA_N
ClientSampled :
PA-TWP-3

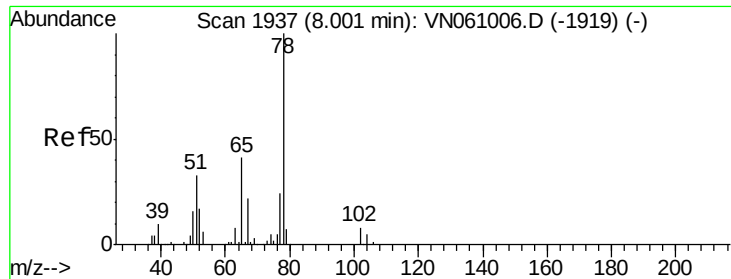
Tot Ion:168 Resp: 146062
Ion Ratio Lower Upper
168 100
99 57.7 47.4 71.2



#16
Acetone
Concen: 2.966 ug/l
RT: 3.78 min Scan# 625
Delta R.T. 0.01 min
Lab File: VN061107.D
Acq: 20 Apr 2020 17:22

Tgt Ion: 43 Resp: 2440
Ion Ratio Lower Upper
43 100
58 29.0 24.6 37.0

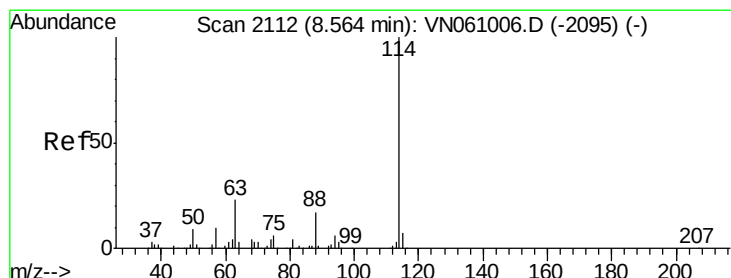
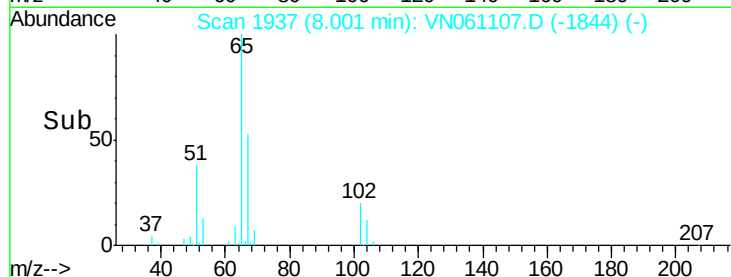
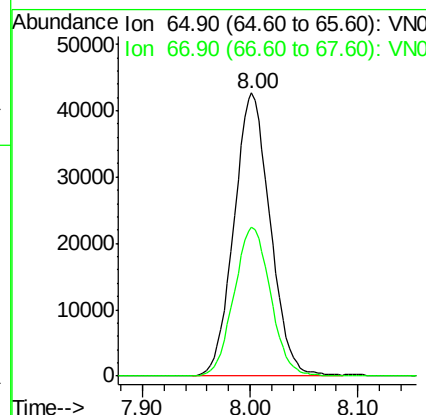
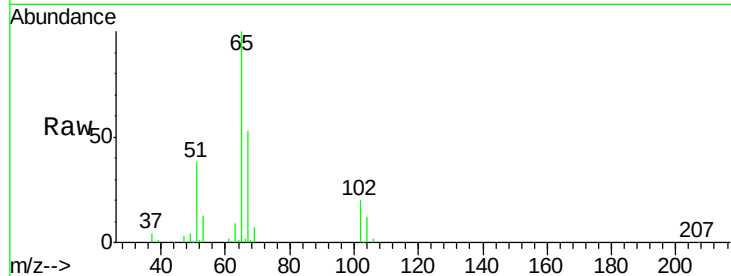




#33
 1,2-Dichloroethane-d4
 Concen: 53.409 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VN061107.D
 Acq: 20 Apr 2020 17:22

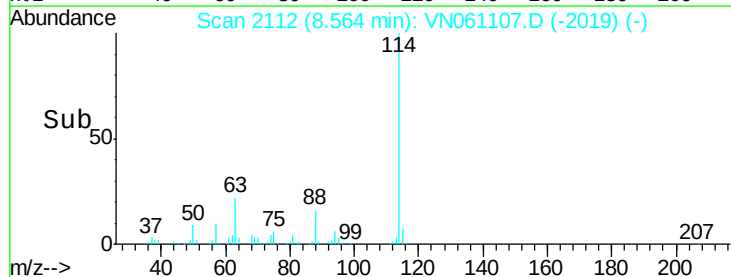
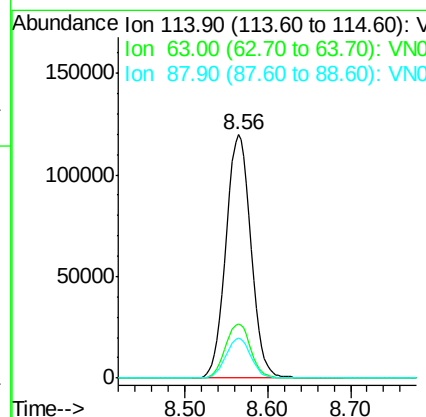
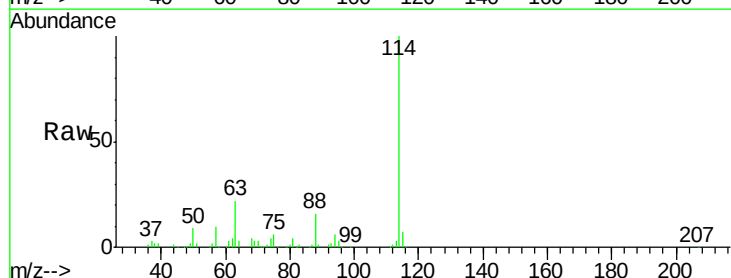
Instrument :
 MSVOA_N
 ClientSampleId :
 PA-TWP-3

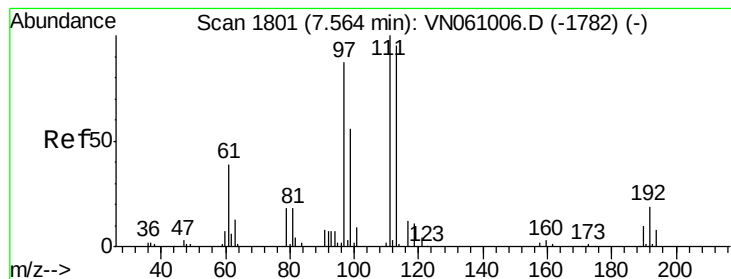
Tot Ion: 65 Resp: 99808
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: VN061107.D
 Acq: 20 Apr 2020 17:22

Tgt Ion: 114 Resp: 250735
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 46.2
 88 16.3 0.0 33.4





#35

Dibromofluoromethane

Concen: 51.916 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. 0.00 min

Lab File: VN061107.D

Acq: 20 Apr 2020 17:22

Instrument :

MSVOA_N

ClientSampleId :

PA-TWP-3

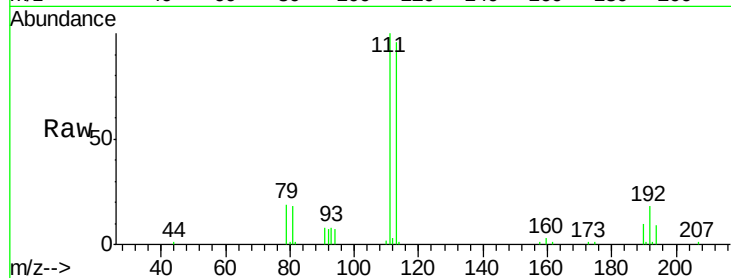
Tot Ion:113 Resp: 76019

Ion Ratio Lower Upper

113 100

111 101.9 83.4 125.2

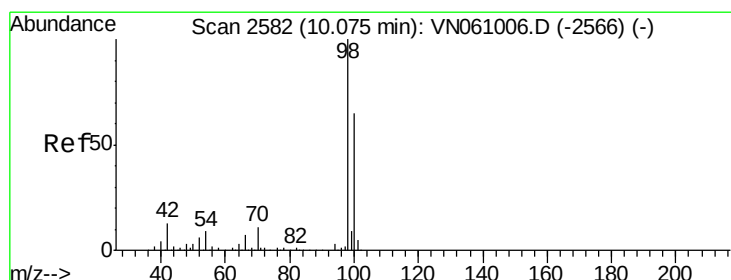
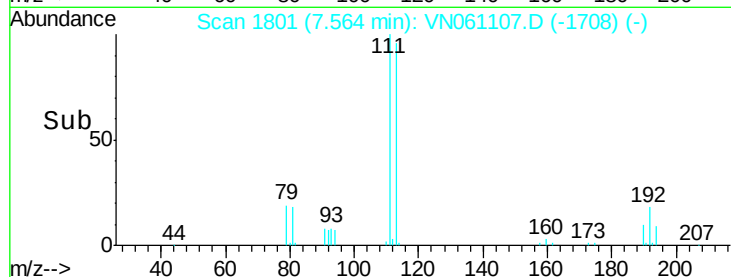
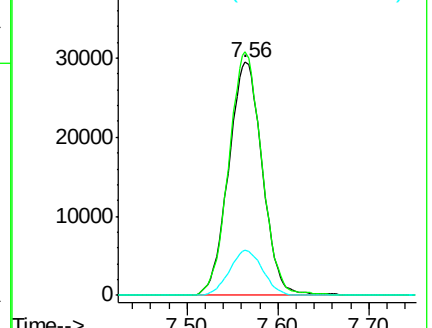
192 19.0 15.5 23.3



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



#50

Toluene-d8

Concen: 56.509 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. 0.00 min

Lab File: VN061107.D

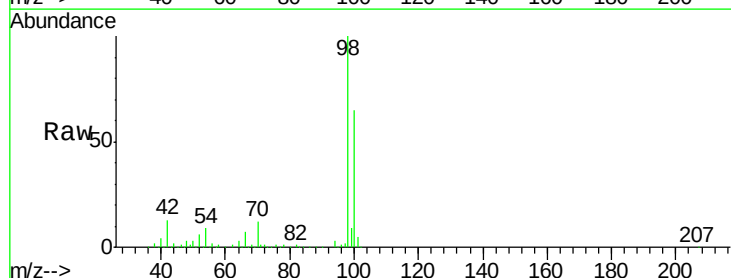
Acq: 20 Apr 2020 17:22

Tgt Ion: 98 Resp: 312674

Ion Ratio Lower Upper

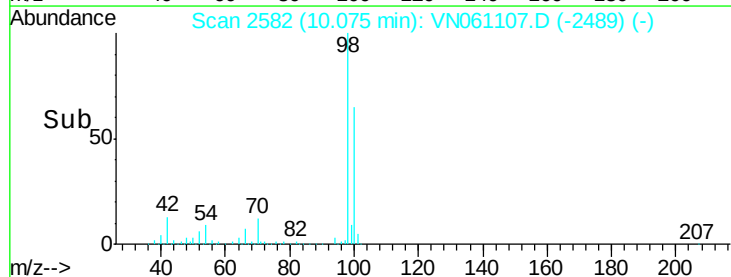
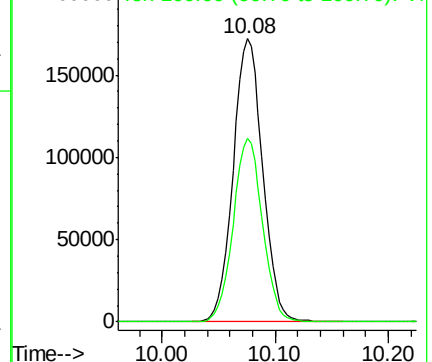
98 100

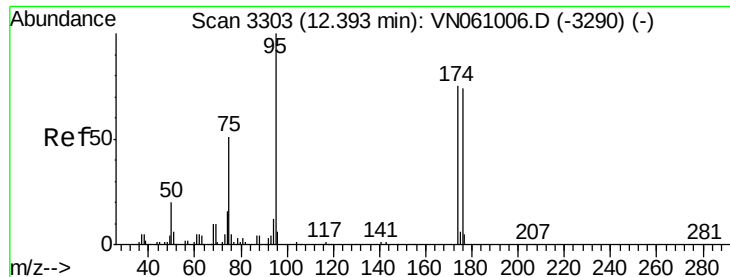
100 64.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 52.982 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN061107.D

Acq: 20 Apr 2020 17:22

Instrument :

MSVOA_N

ClientSampleId :

PA-TWP-3

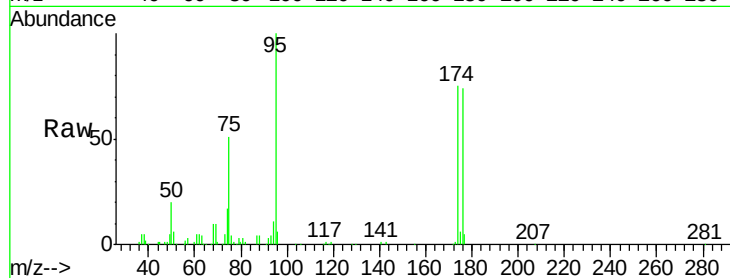
Tot Ion: 95 Resp: 114896

Ion Ratio Lower Upper

95 100

174 75.8 0.0 151.2

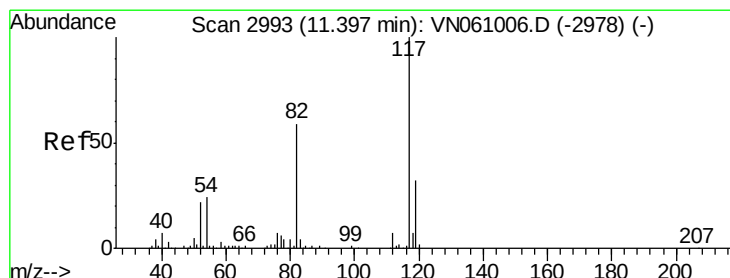
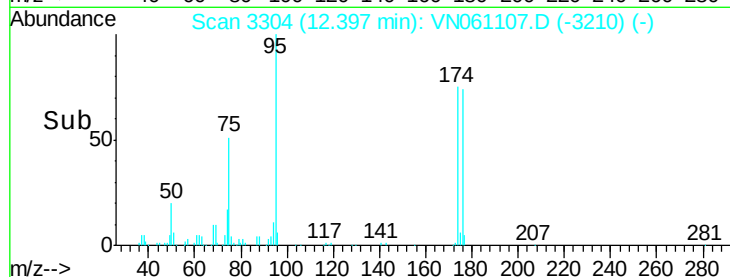
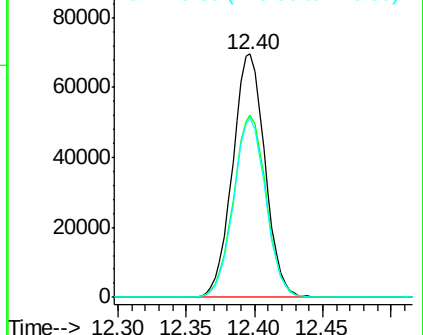
176 73.2 0.0 148.2



Abundance Ion 94.90 (94.60 to 95.60): VN061107.D (-3210) (-)

Ion 173.80 (173.50 to 174.50): VN061107.D (-3210) (-)

Ion 175.80 (175.50 to 176.50): VN061107.D (-3210) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2993

Delta R.T. 0.00 min

Lab File: VN061107.D

Acq: 20 Apr 2020 17:22

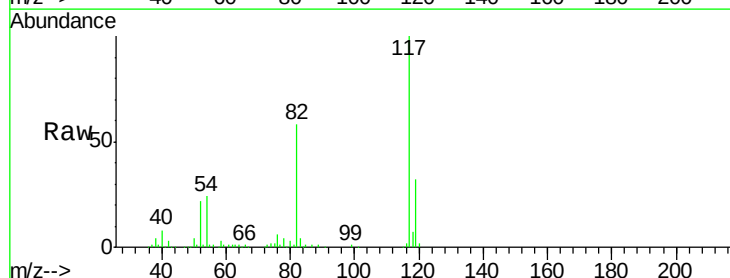
Tgt Ion: 117 Resp: 236837

Ion Ratio Lower Upper

117 100

82 58.5 47.1 70.7

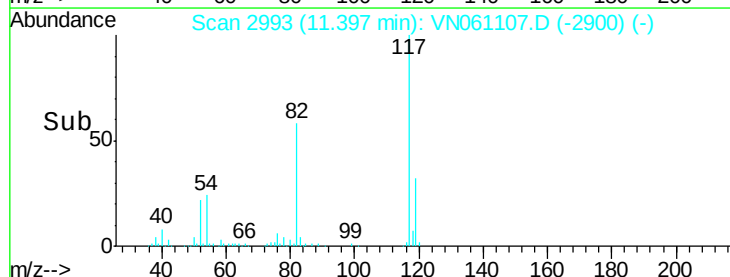
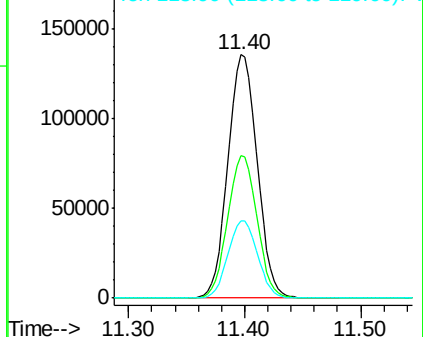
119 31.6 25.7 38.5

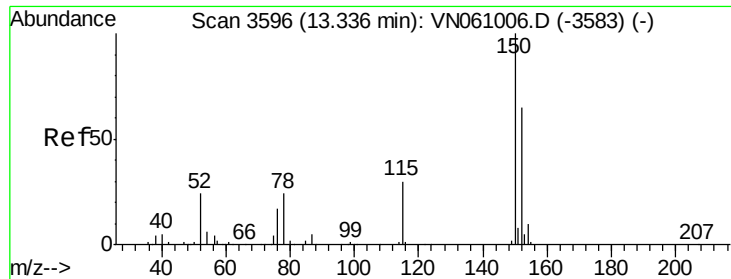


Abundance Ion 116.90 (116.60 to 117.60): VN061107.D (-2900) (-)

Ion 82.00 (81.70 to 82.70): VN061107.D (-2900) (-)

Ion 118.90 (118.60 to 119.60): VN061107.D (-2900) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN061107.D

Acq: 20 Apr 2020 17:22

Instrument :

MSVOA_N

ClientSampled :

PA-TWP-3

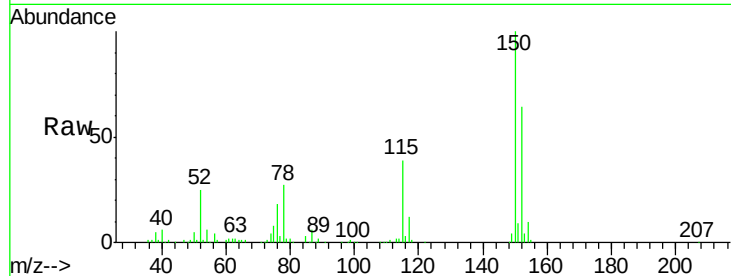
Tot Ion:152 Resp: 105058

Ion Ratio Lower Upper

152 100

115 60.1 30.8 92.4

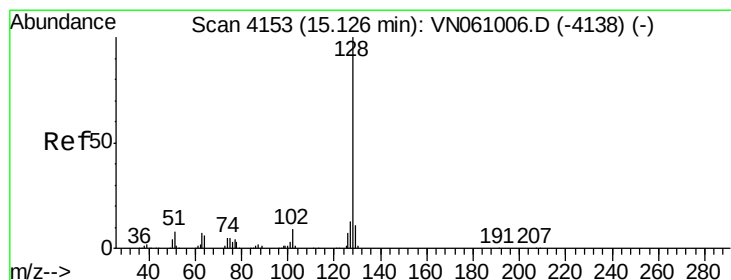
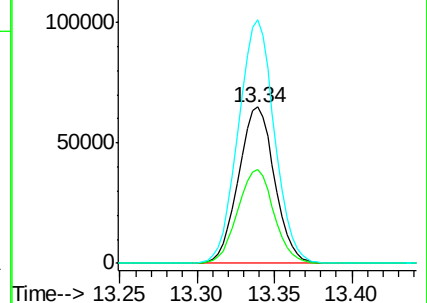
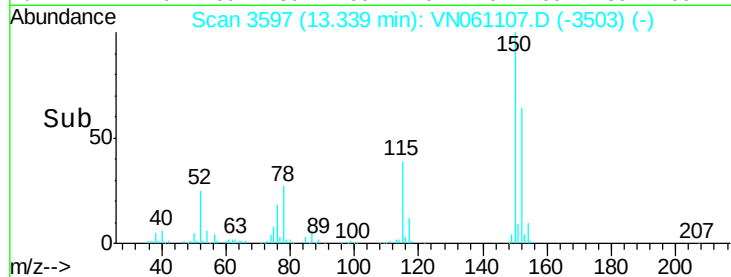
150 156.2 0.0 349.0



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



#95

Naphthalene

Concen: 3.581 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. 0.00 min

Lab File: VN061107.D

Acq: 20 Apr 2020 17:22

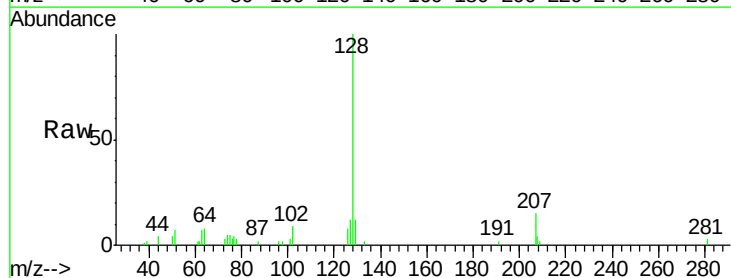
Tgt Ion:128 Resp: 20659

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

