

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031820\
 Data File : VN060611.D
 Acq On : 18 Mar 2020 23:36
 Operator : JC/MD
 Sample : L1969-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OUTFALL001-200317

Quant Time: Mar 19 08:39:52 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

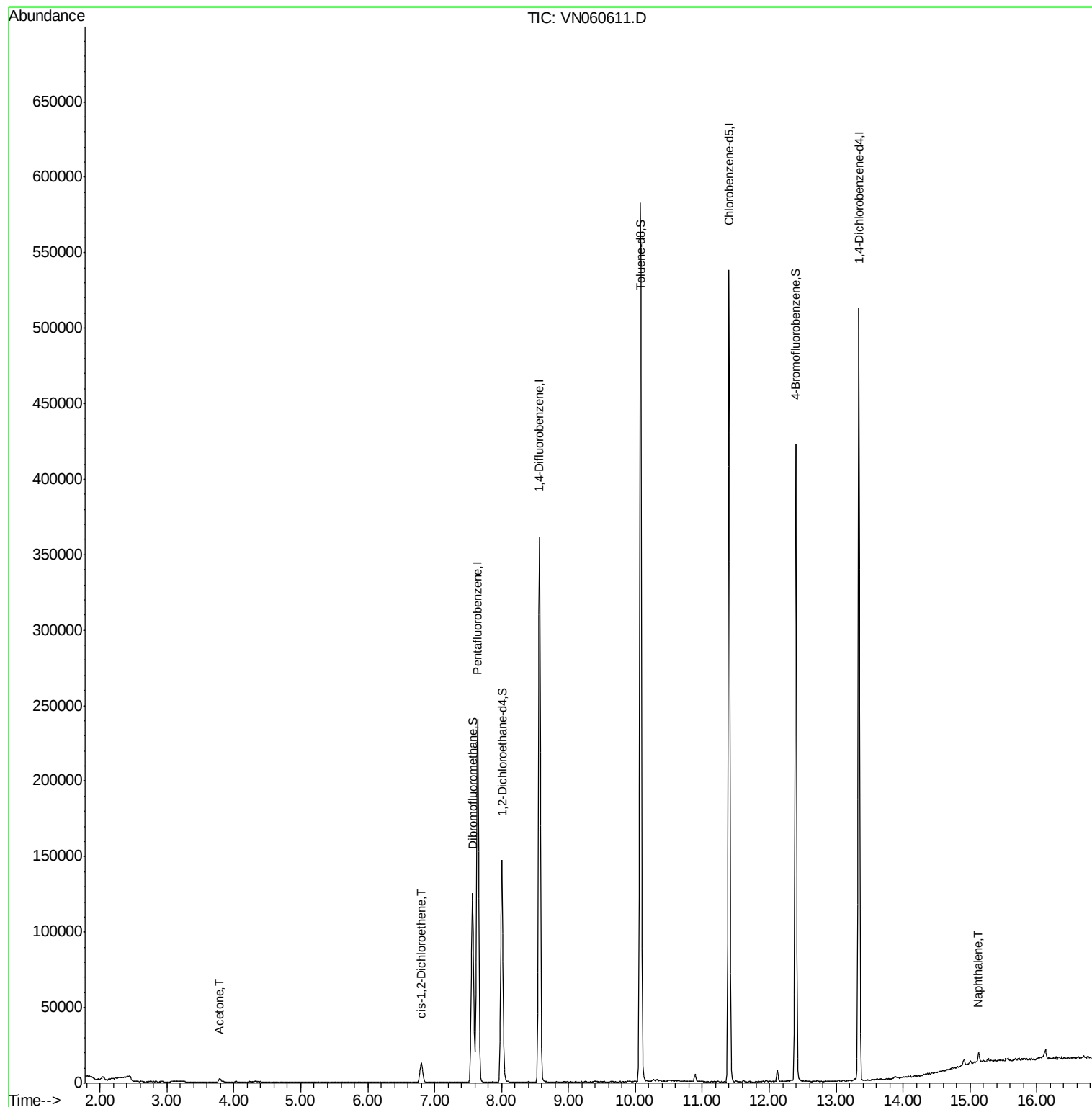
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	197225	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	327551	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	304356	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	136060	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	127351	47.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.08%	
35) Dibromofluoromethane	7.57	113	97921	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
50) Toluene-d8	10.08	98	405917	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
62) 4-Bromofluorobenzene	12.40	95	149309	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
Target Compounds						
16) Acetone	3.79	43	4481	4.672	ug/l	96
27) cis-1,2-Dichloroethene	6.80	96	9066	3.506	ug/l	89
95) Naphthalene	15.13	128	5933	0.774	ug/l	98

(#) = 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: VN060611.D

Acq: 18 Mar 2020 23:36

Instrument :

MSVOA_N

ClientSampleId :

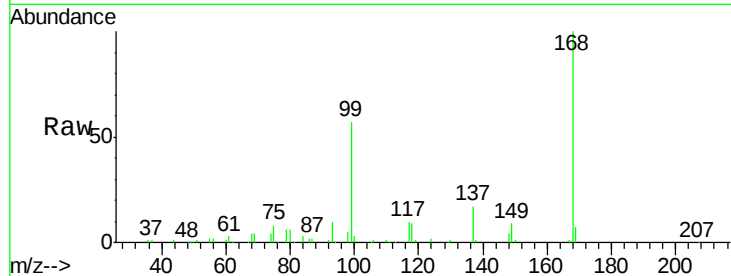
OUTFALL001-200317

Tot Ion:168 Resp: 197225

Ion Ratio Lower Upper

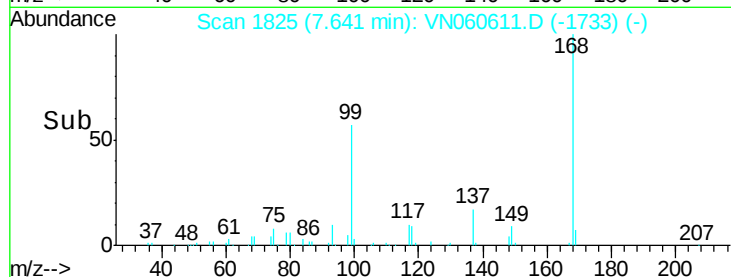
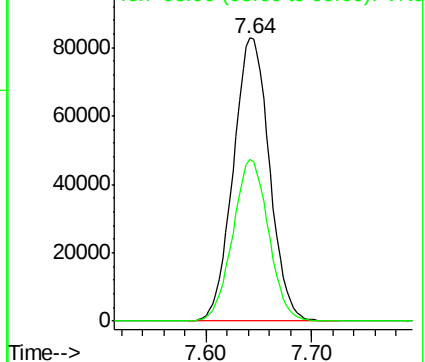
168 100

99 57.2 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 4.672 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN060611.D

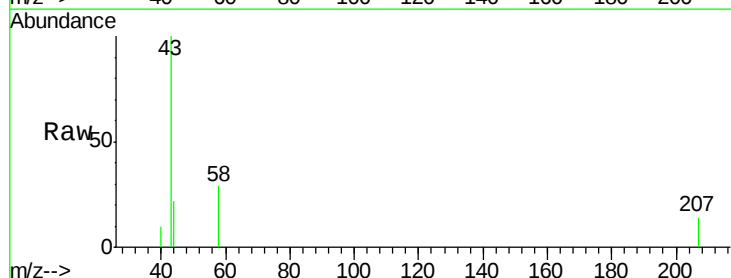
Acq: 18 Mar 2020 23:36

Tgt Ion: 43 Resp: 4481

Ion Ratio Lower Upper

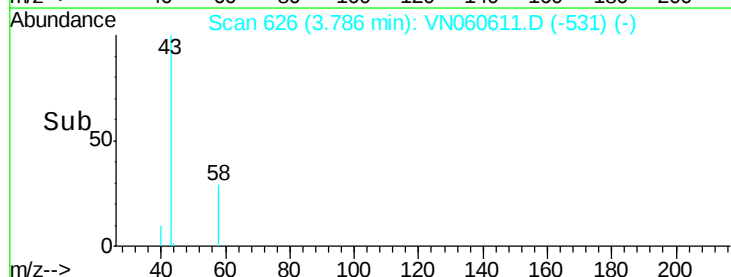
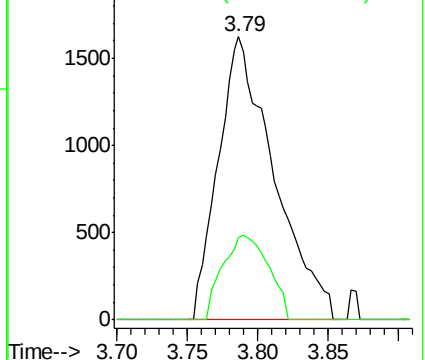
43 100

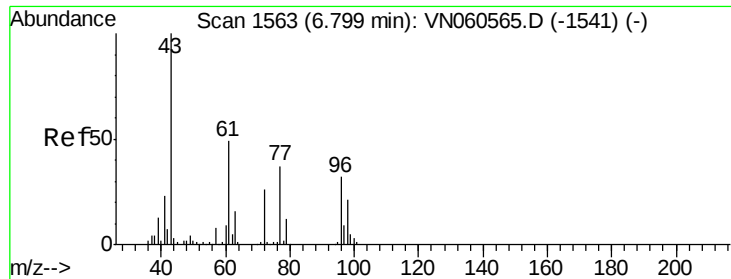
58 29.0 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#27

cis-1,2-Dichloroethene

Concen: 3.506 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VN060611.D

Acq: 18 Mar 2020 23:36

Instrument :

MSVOA_N

ClientSampleId :

OUTFALL001-200317

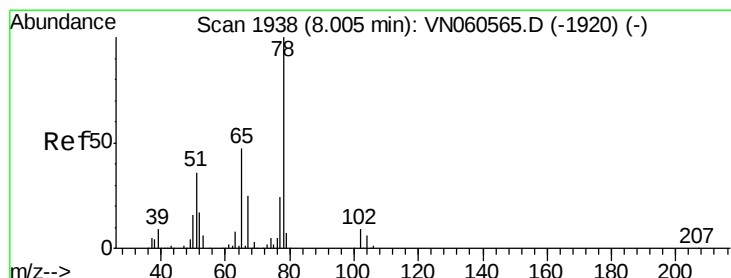
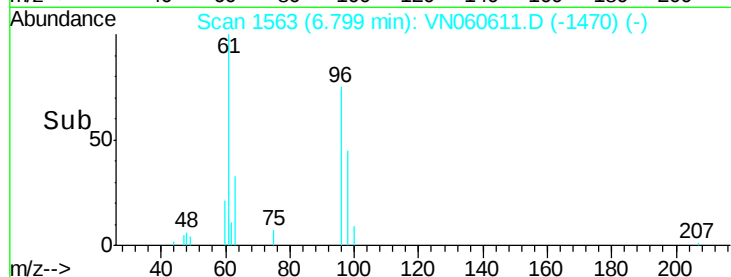
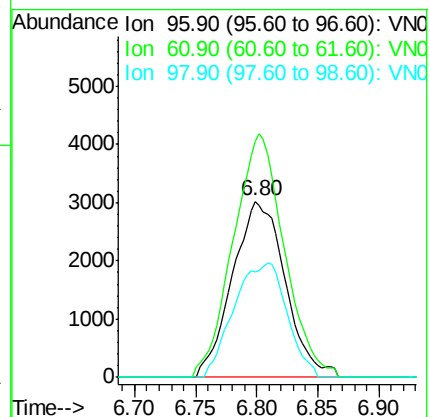
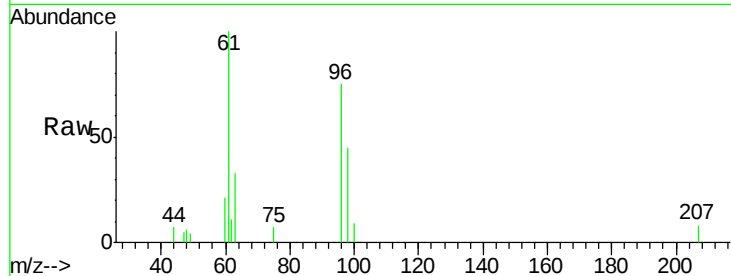
Tot Ion: 96 Resp: 9066

Ion Ratio Lower Upper

96 100

61 133.8 0.0 305.6

98 65.4 0.0 127.6



#33

1,2-Dichloroethane-d4

Concen: 47.037 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN060611.D

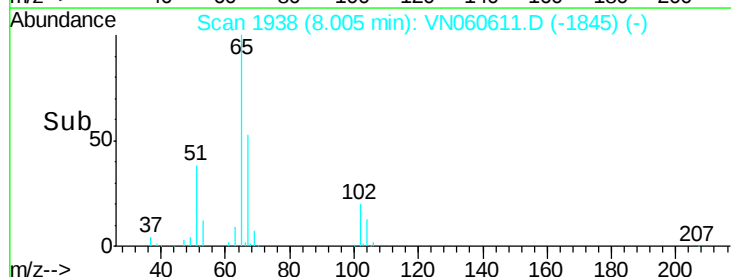
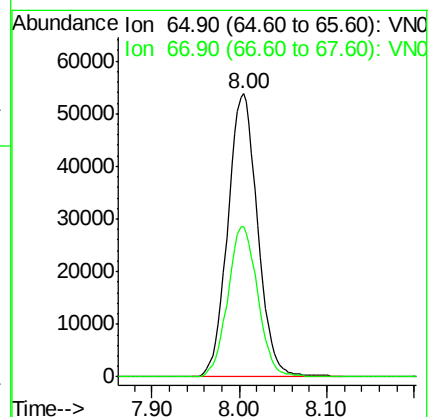
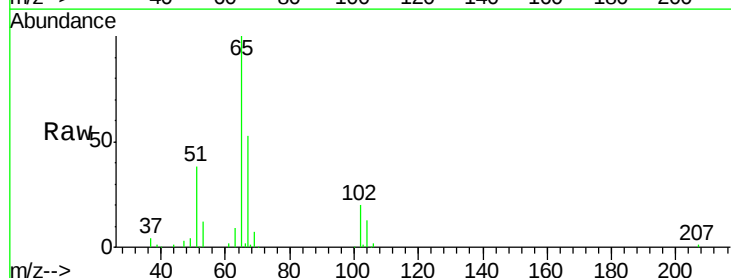
Acq: 18 Mar 2020 23:36

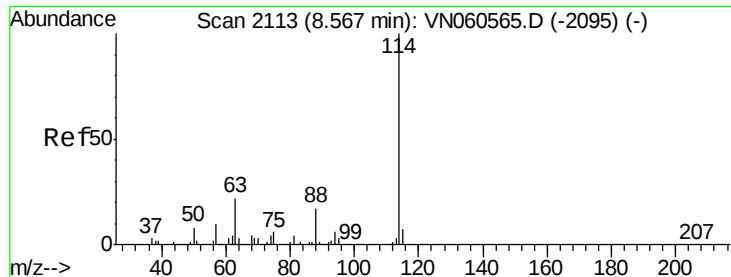
Tgt Ion: 65 Resp: 127351

Ion Ratio Lower Upper

65 100

67 53.2 0.0 107.6

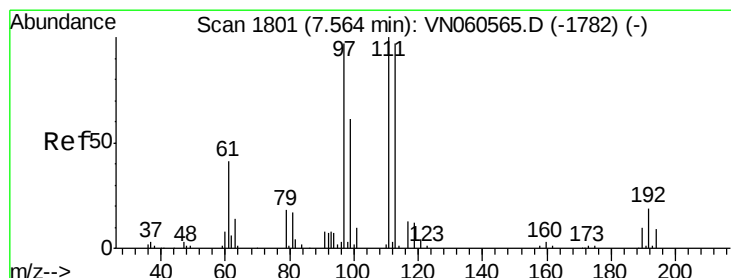
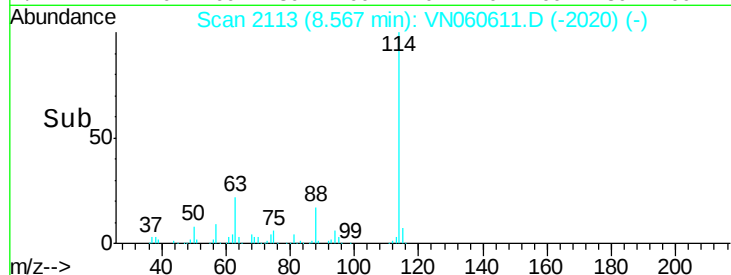
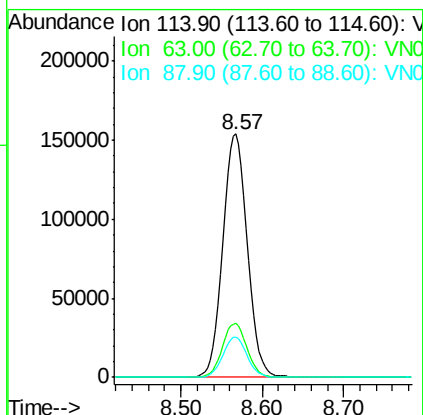
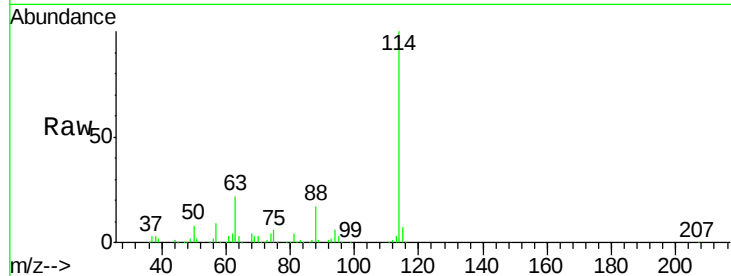




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060611.D
 Acq: 18 Mar 2020 23:36

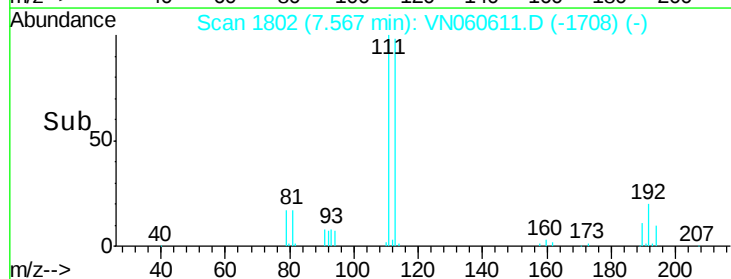
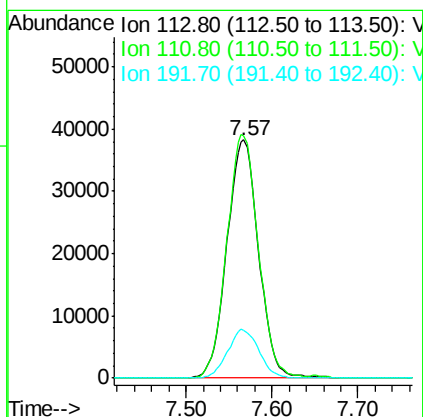
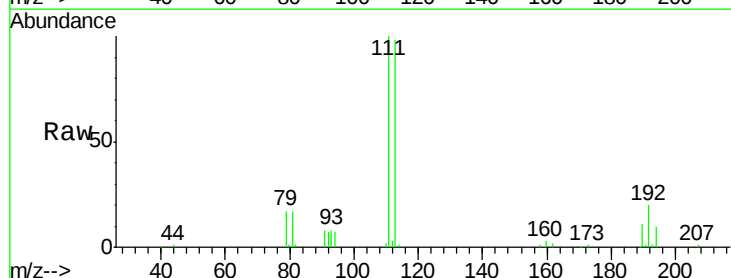
Instrument :
 MSVOA_N
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 OUTFALL001-200317

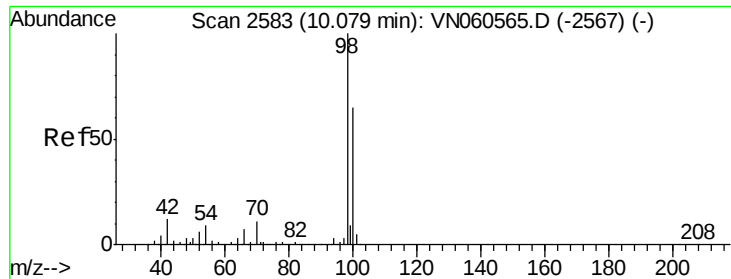
Tot Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	43.8
88	16.6	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 49.440 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060611.D
 Acq: 18 Mar 2020 23:36

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	82.9	124.3
192	20.1	15.8	23.8





#50

Toluene-d8

Concen: 50.175 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060611.D

Acq: 18 Mar 2020 23:36

Instrument :

MSVOA_N

ClientSampleId :

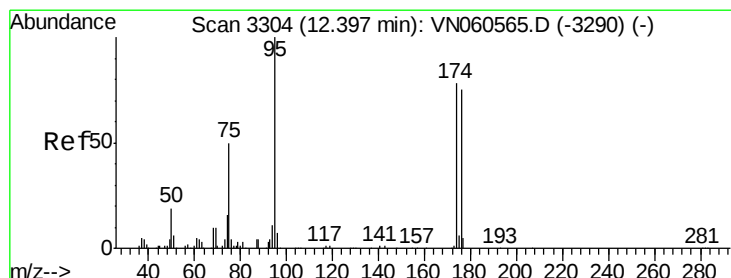
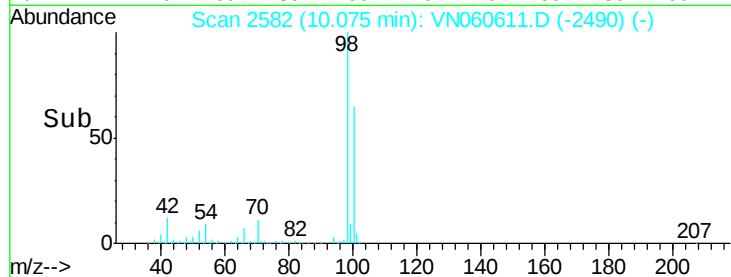
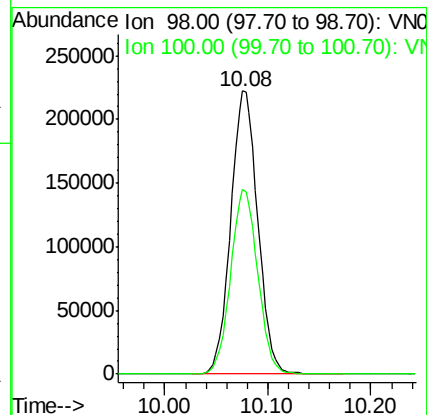
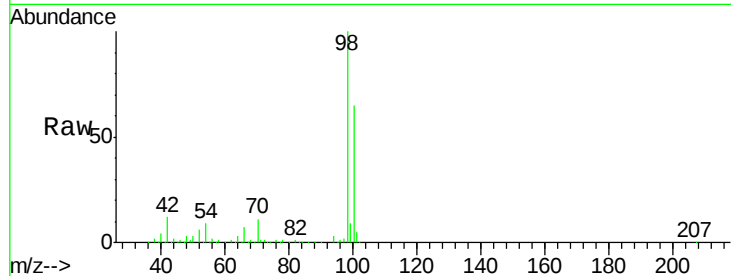
OUTFALL001-200317

Tot Ion: 98 Resp: 405917

Ion Ratio Lower Upper

98 100

100 65.3 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 50.360 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060611.D

Acq: 18 Mar 2020 23:36

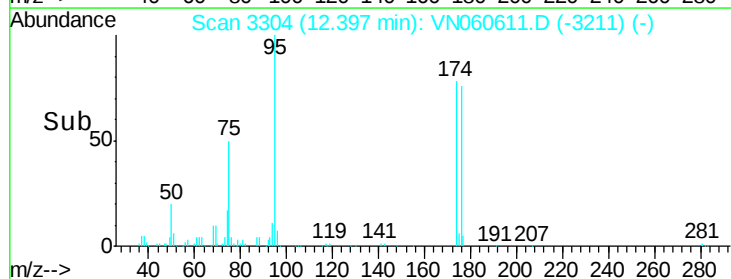
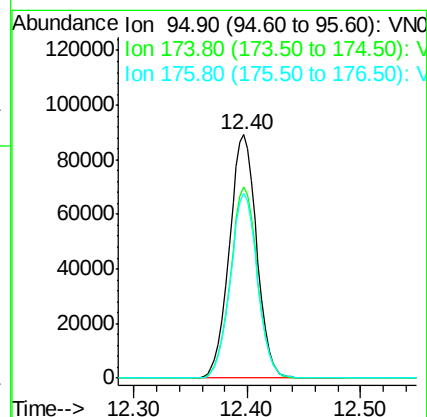
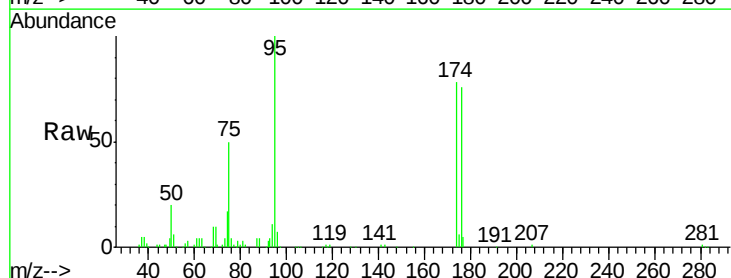
Tgt Ion: 95 Resp: 149309

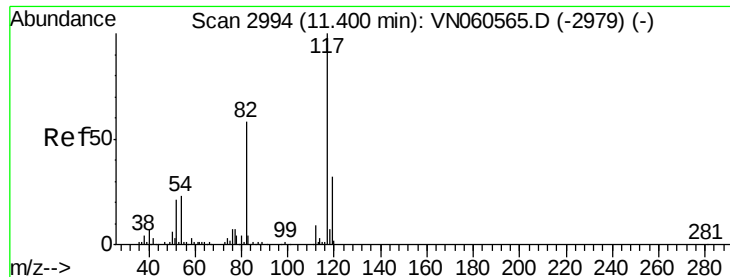
Ion Ratio Lower Upper

95 100

174 77.9 0.0 157.6

176 75.3 0.0 150.6

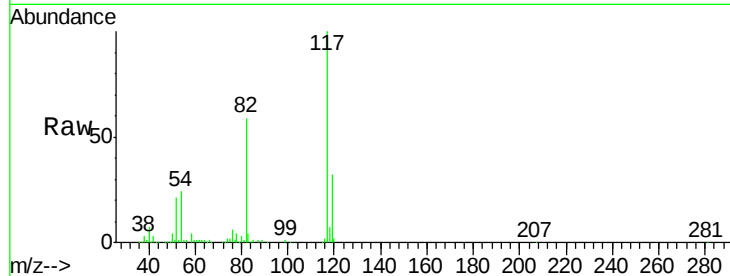




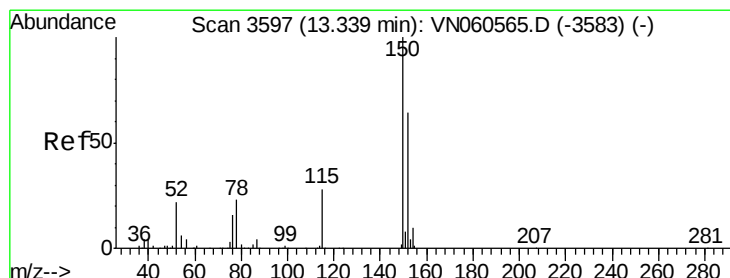
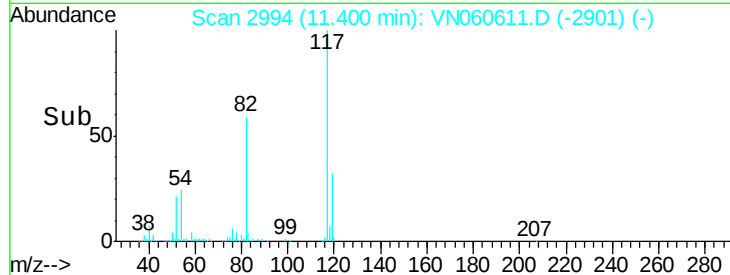
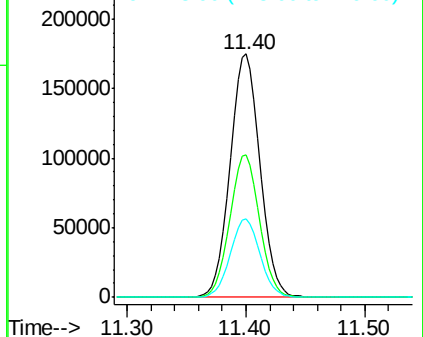
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060611.D
Acq: 18 Mar 2020 23:36

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL001-200317

Tot Ion:117 Resp: 304356
Ion Ratio Lower Upper
117 100
82 58.5 46.7 70.1
119 32.1 25.5 38.3

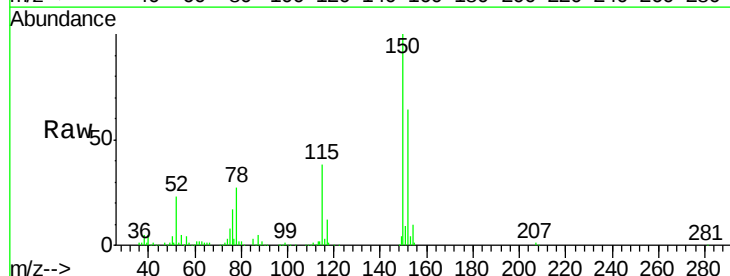


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

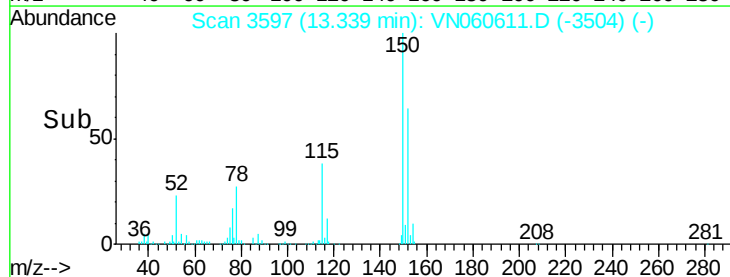
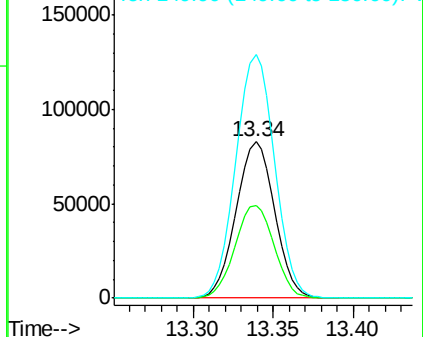


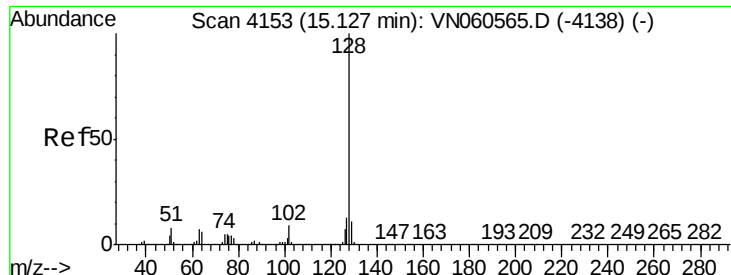
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060611.D
Acq: 18 Mar 2020 23:36

Tgt Ion:152 Resp: 136060
Ion Ratio Lower Upper
152 100
115 60.0 30.2 90.6
150 157.2 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





#95
Naphthalene
Concen: 0.774 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. 0.00 min
Lab File: VN060611.D
Acq: 18 Mar 2020 23:36

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL001-200317

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	9.3	8.8	13.2

