

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN040220\
 Data File : VN060819.D
 Acq On : 2 Apr 2020 13:31
 Operator : JC/MD
 Sample : L2015-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 011-OUTFALL

Quant Time: Apr 03 08:34:36 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

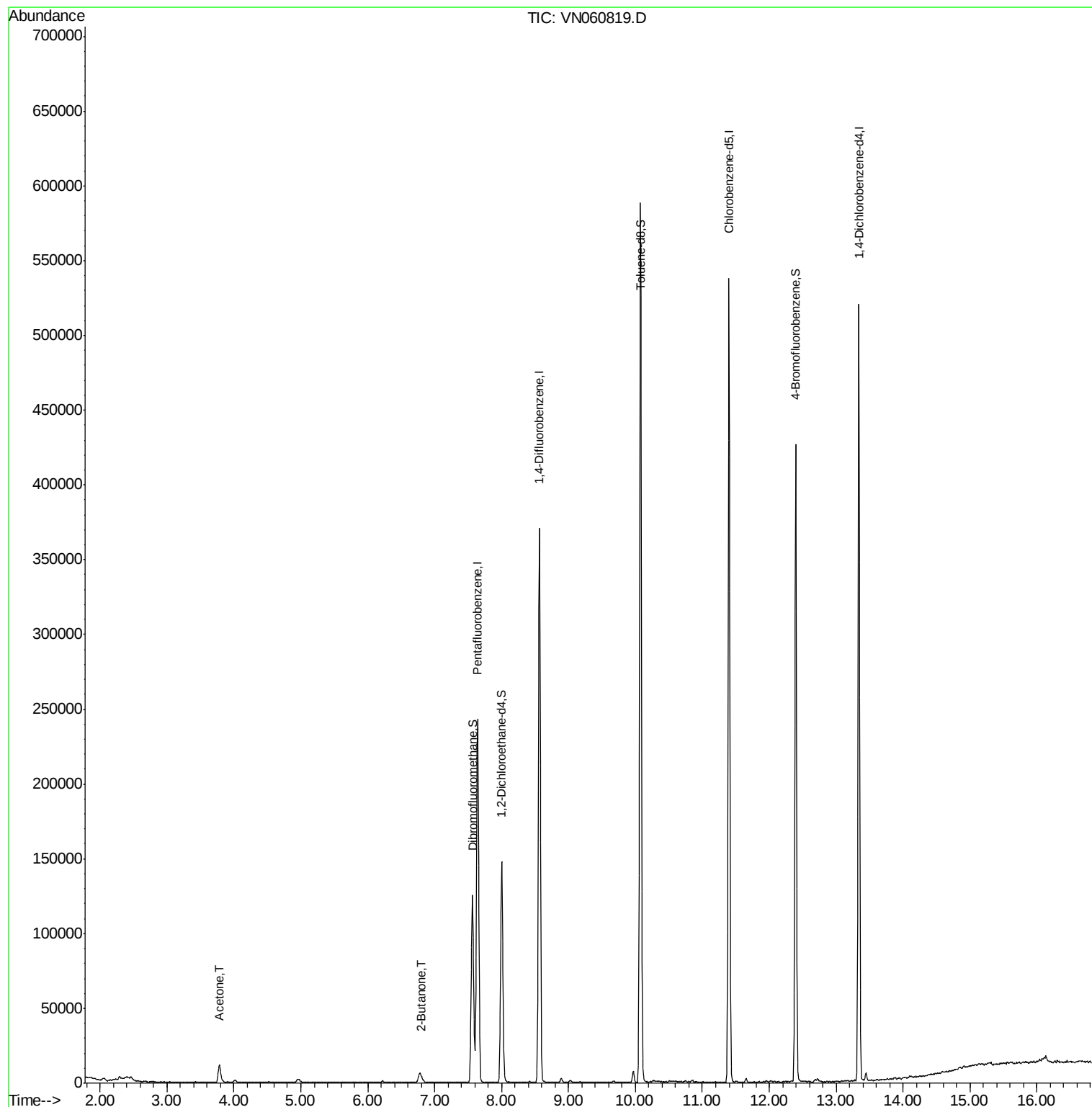
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	196295	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	329575	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	307376	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	136271	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	128489	47.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.36%	
35) Dibromofluoromethane	7.56	113	98112	49.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.46%	
50) Toluene-d8	10.08	98	405926	49.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.74%	
62) 4-Bromofluorobenzene	12.40	95	148528	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
Target Compounds						
16) Acetone	3.78	43	20671	21.656	ug/l	99
25) 2-Butanone	6.81	43	5910	3.826	ug/l	96

(#) = 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: VN060819.D

Acq: 2 Apr 2020 13:31

Instrument :

MSVOA_N

ClientSampleId :

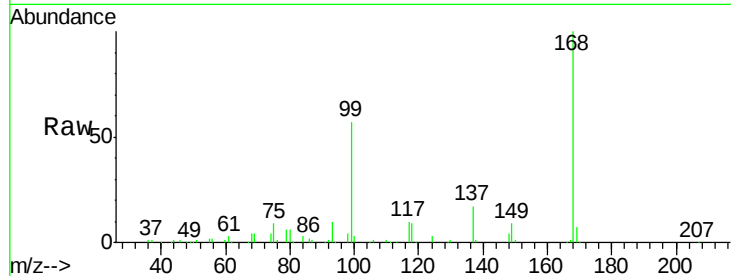
011-OUTFALL

Tot Ion:168 Resp: 196295

Ion Ratio Lower Upper

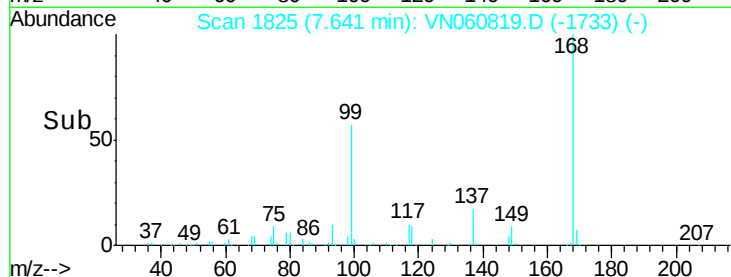
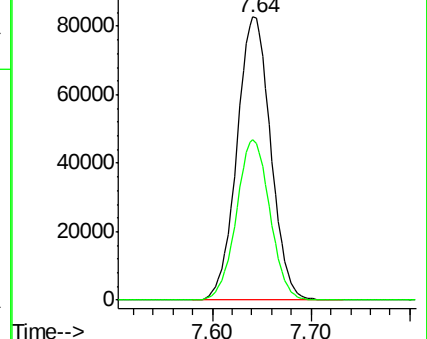
168 100

99 56.6 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: 21.656 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.00 min

Lab File: VN060819.D

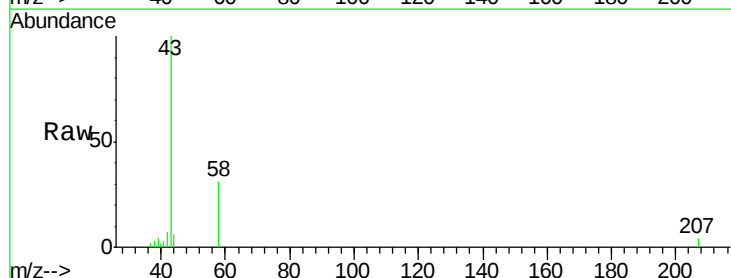
Acq: 2 Apr 2020 13:31

Tgt Ion: 43 Resp: 20671

Ion Ratio Lower Upper

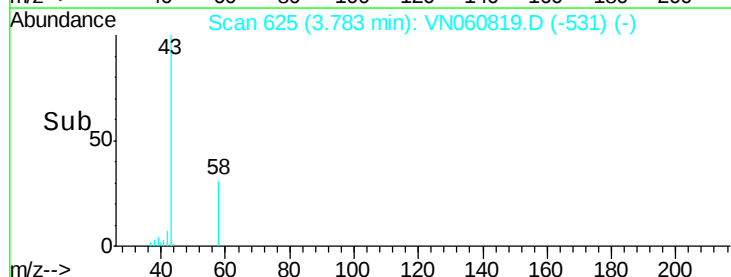
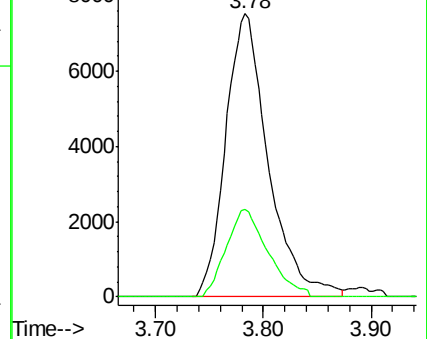
43 100

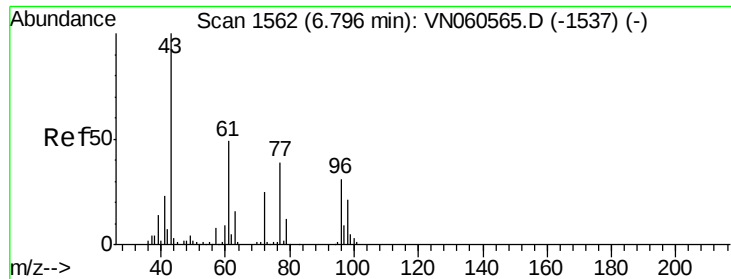
58 31.0 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

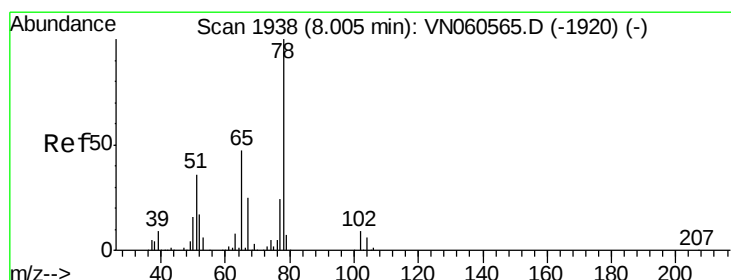
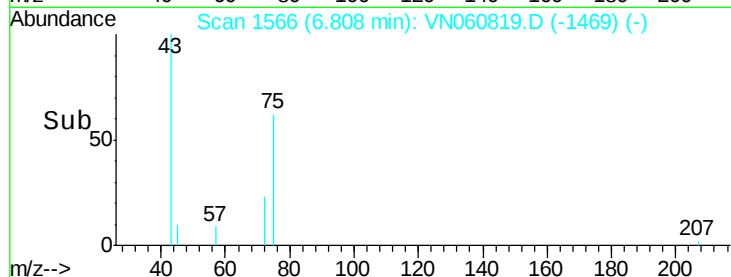
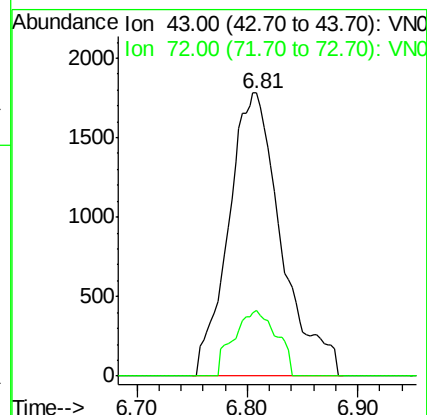
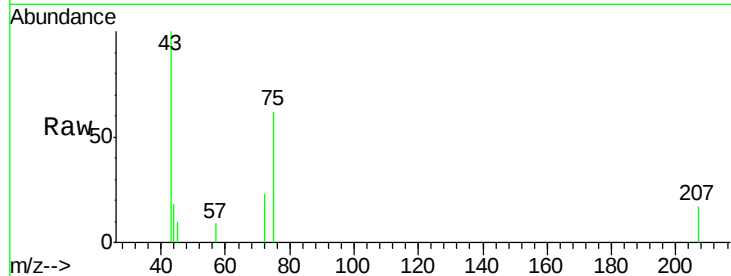




#25
2-Butanone
Concen: 3.826 ug/l
RT: 6.81 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VN060819.D
Acq: 2 Apr 2020 13:31

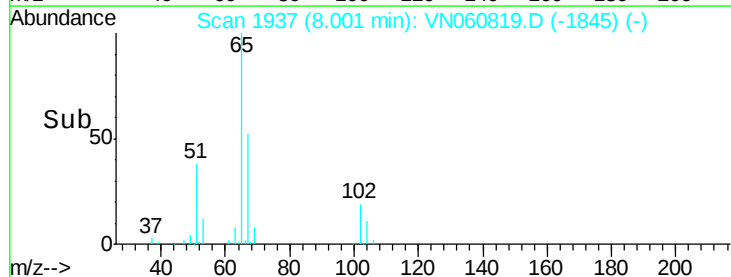
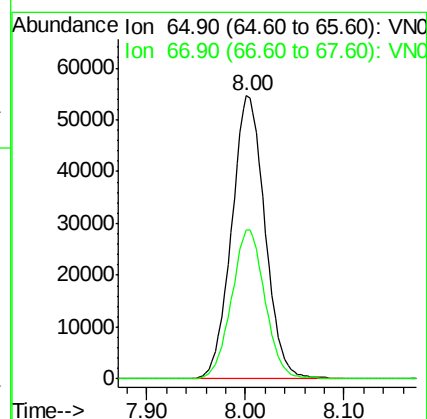
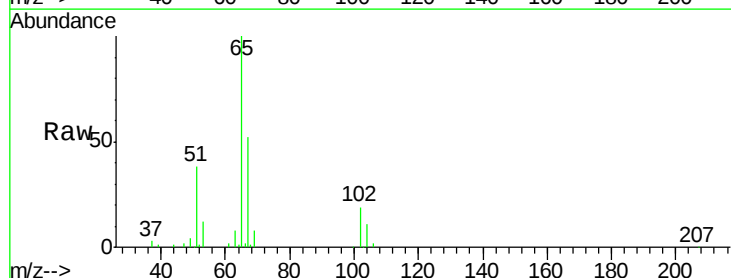
Instrument :
MSVOA_N
ClientSampleId :
011-OUTFALL

Tot Ion: 43 Resp: 5910
Ion Ratio Lower Upper
43 100
72 23.3 20.4 30.6



#33
1,2-Dichloroethane-d4
Concen: 47.682 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN060819.D
Acq: 2 Apr 2020 13:31

Tgt Ion: 65 Resp: 128489
Ion Ratio Lower Upper
65 100
67 52.8 0.0 107.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN060819.D

Acq: 2 Apr 2020 13:31

Instrument :

MSVOA_N

ClientSampleId :

011-OUTFALL

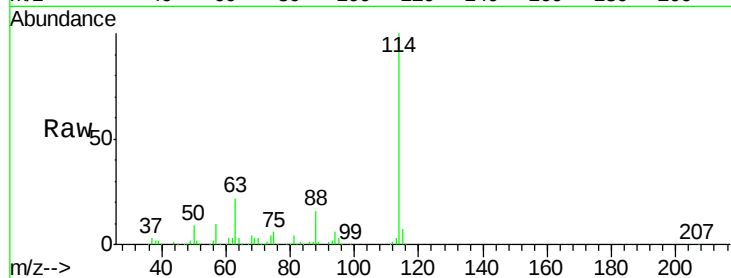
Tot Ion:114 Resp: 329575

Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.8

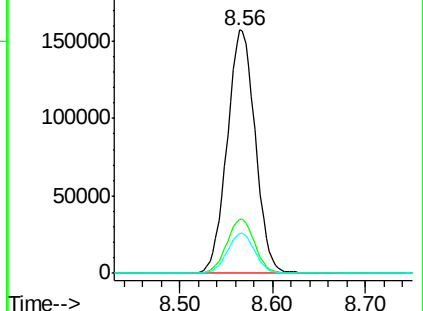
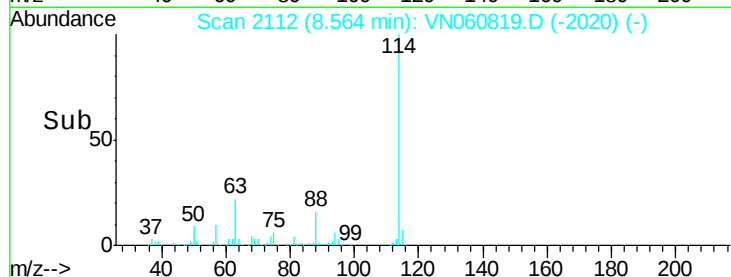
88 16.3 0.0 33.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 49.232 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN060819.D

Acq: 2 Apr 2020 13:31

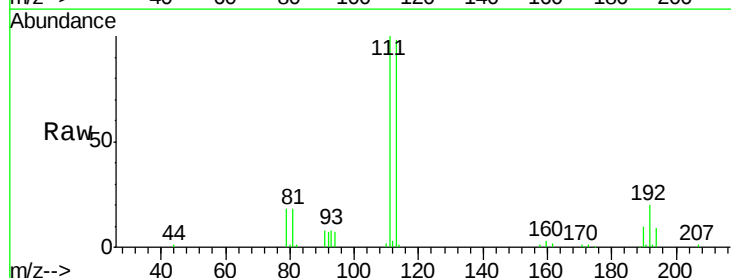
Tgt Ion:113 Resp: 98112

Ion Ratio Lower Upper

113 100

111 100.8 82.9 124.3

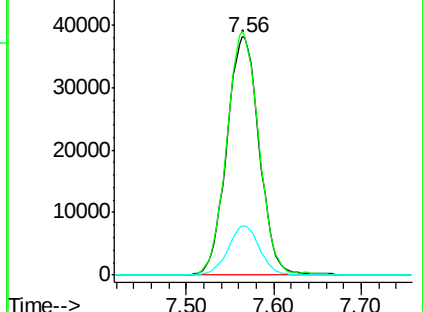
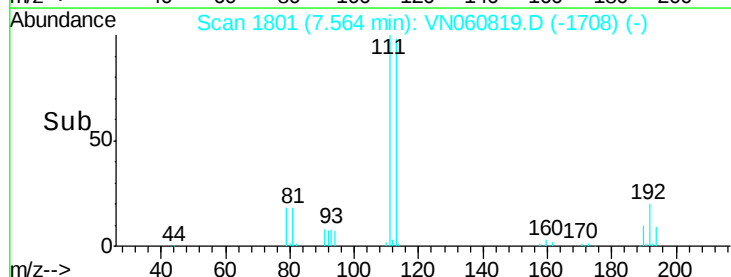
192 20.0 15.8 23.8

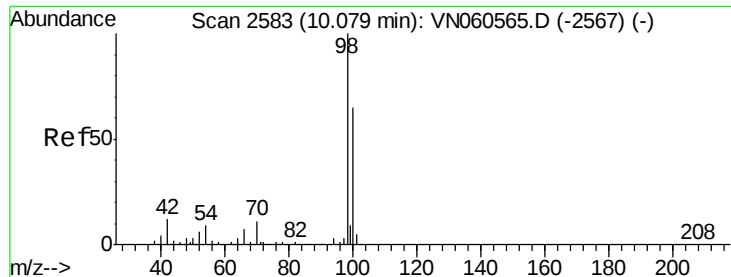


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.868 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060819.D

Acq: 2 Apr 2020 13:31

Instrument :

MSVOA_N

ClientSampleId :

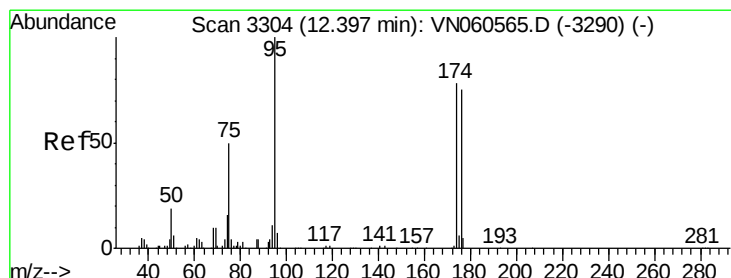
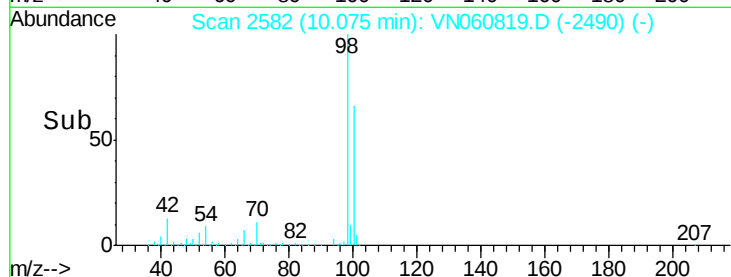
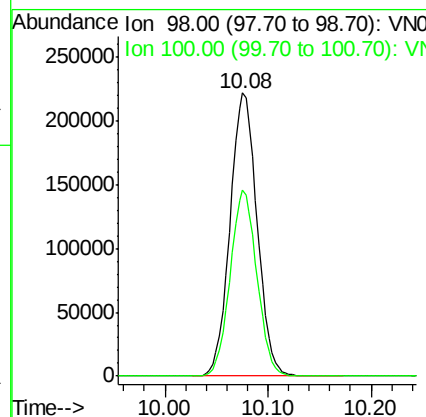
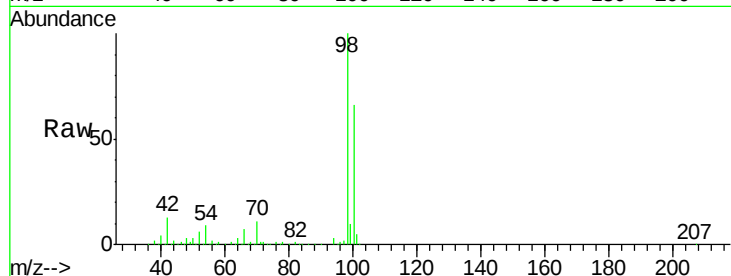
011-OUTFALL

Tot Ion: 98 Resp: 405926

Ion Ratio Lower Upper

98 100

100 64.9 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 49.788 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060819.D

Acq: 2 Apr 2020 13:31

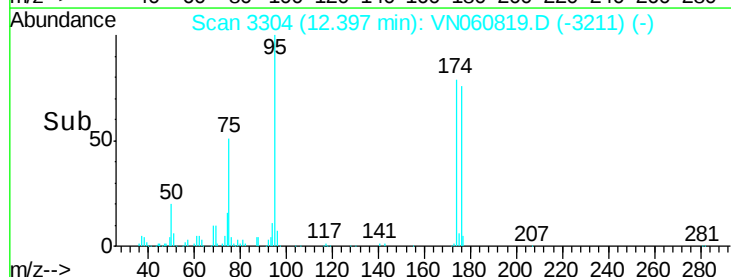
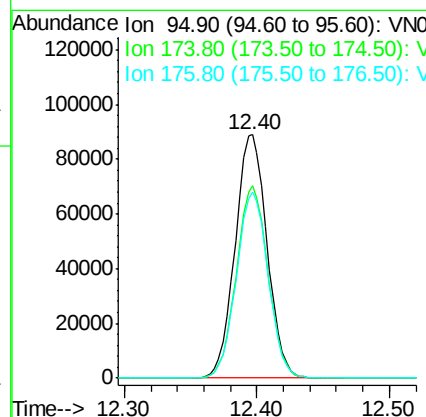
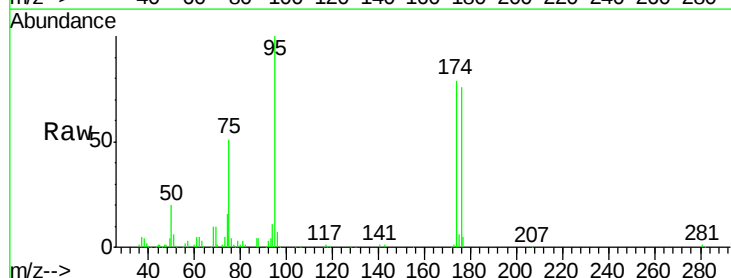
Tgt Ion: 95 Resp: 148528

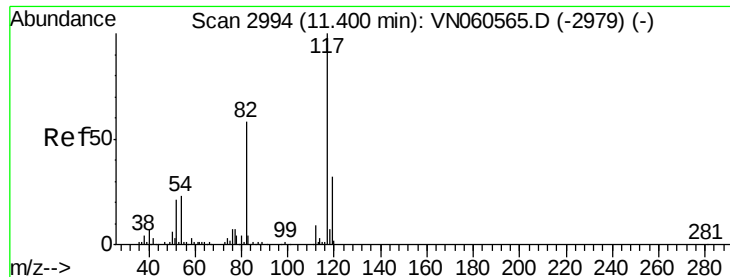
Ion Ratio Lower Upper

95 100

174 78.3 0.0 157.6

176 76.0 0.0 150.6

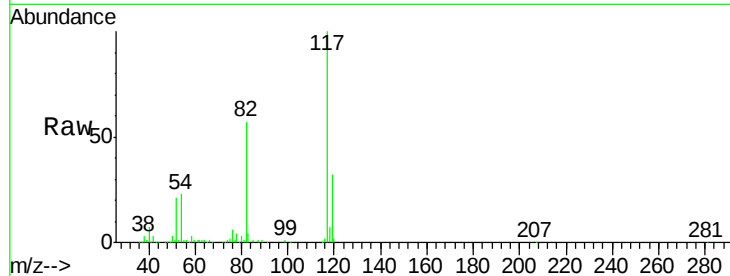




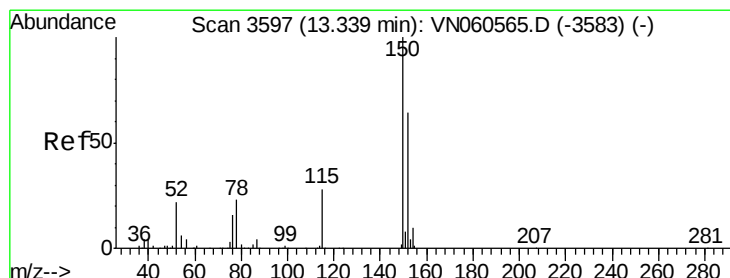
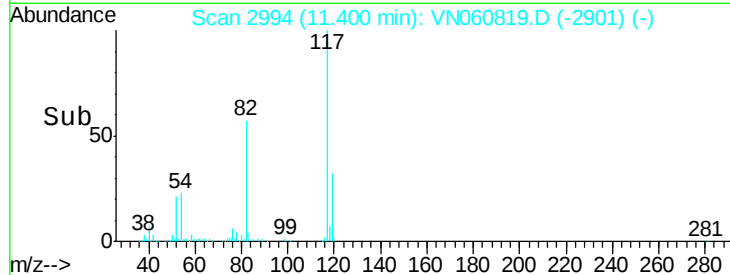
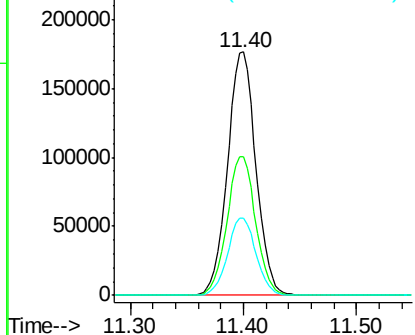
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060819.D
Acq: 2 Apr 2020 13:31

Instrument :
MSVOA_N
ClientSampleId :
011-OUTFALL

Tot Ion:117 Resp: 307376
Ion Ratio Lower Upper
117 100
82 57.0 46.7 70.1
119 31.7 25.5 38.3

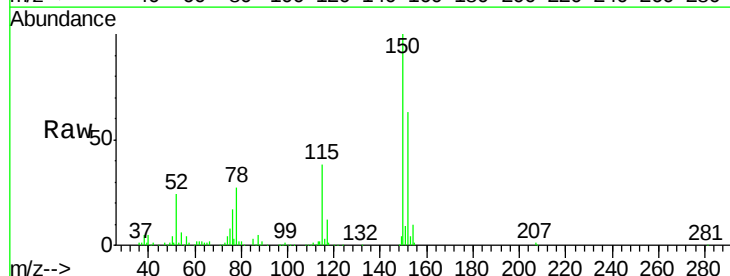


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060819.D
Acq: 2 Apr 2020 13:31

Tgt Ion:152 Resp: 136271
Ion Ratio Lower Upper
152 100
115 59.7 30.2 90.6
150 158.6 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

