

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091120\
 Data File : VN063325.D
 Acq On : 11 Sep 2020 19:30
 Operator : JC/MD
 Sample : L3987-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 012-OUTFALL

Quant Time: Sep 14 02:33:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 11 06:02:56 2020
 Response via : Initial Calibration

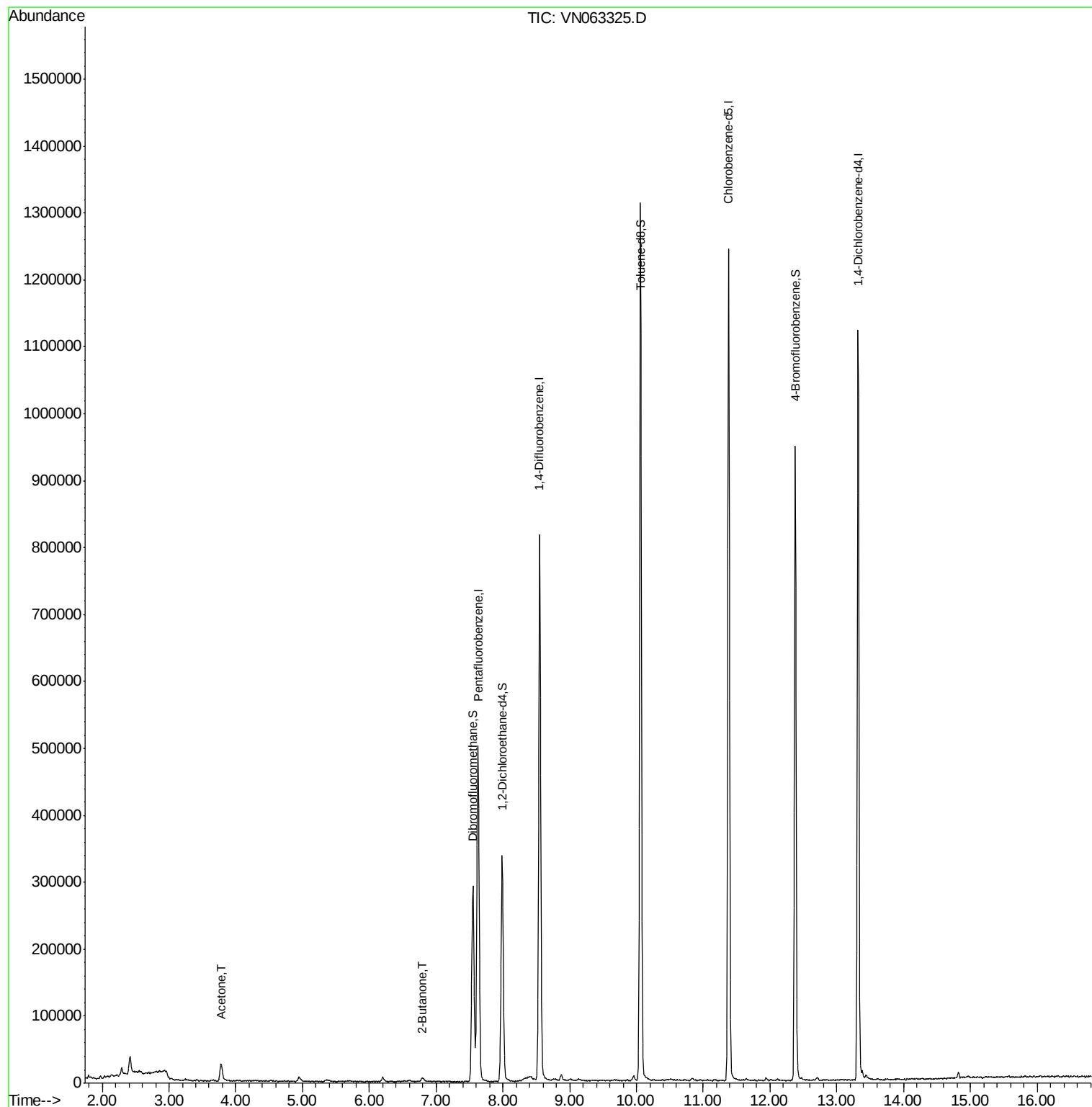
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	374079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	700003	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	680805	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	285251	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	287147	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
35) Dibromofluoromethane	7.55	113	224891	49.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.60%	
50) Toluene-d8	10.06	98	890789	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
62) 4-Bromofluorobenzene	12.38	95	333435	52.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.32%	
Target Compounds						
16) Acetone	3.78	43	46144	22.737	ug/l	98
25) 2-Butanone	6.79	43	9759	3.255	ug/l #	86

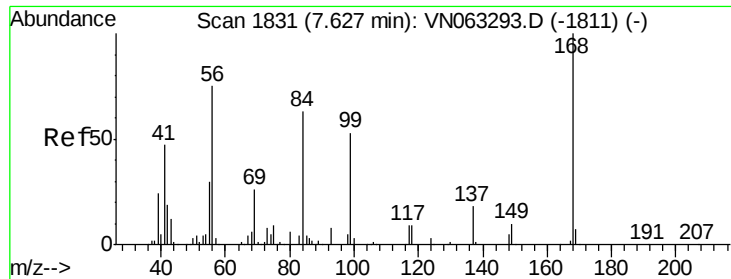
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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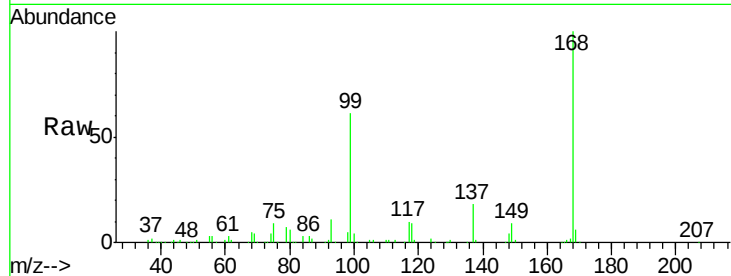




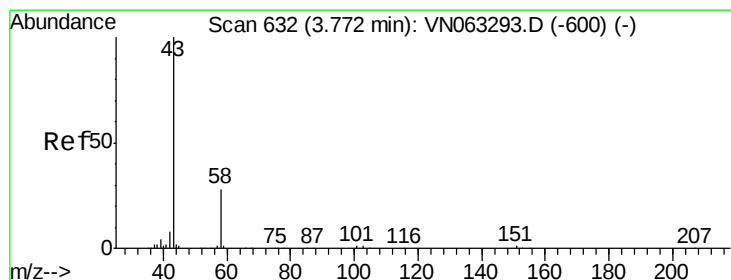
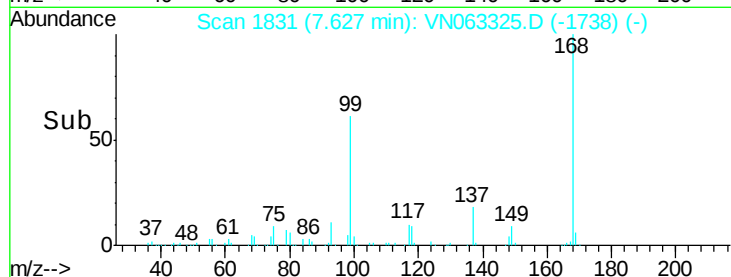
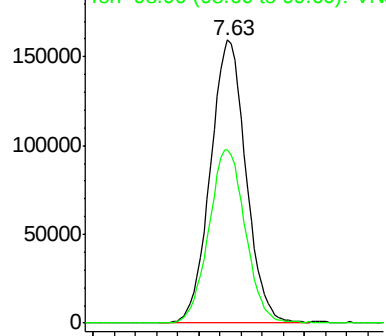
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.00 min
Lab File: VN063325.D
Acq: 11 Sep 2020 19:30

Instrument :
MSVOA_N
ClientSampleId :
012-OUTFALL

Tot Ion:168 Resp: 374079
Ion Ratio Lower Upper
168 100
99 61.4 51.1 76.7

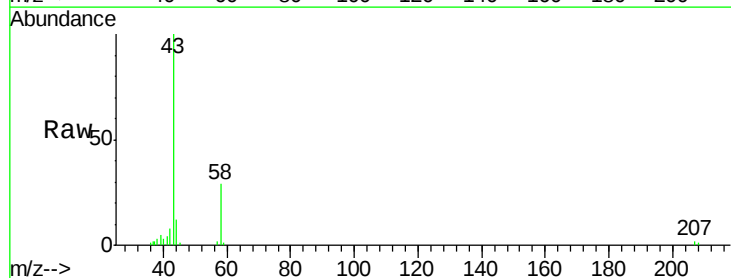


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VNO

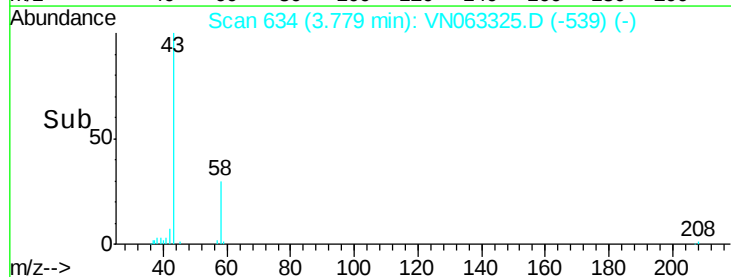
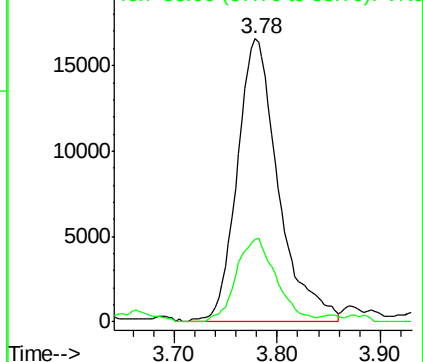


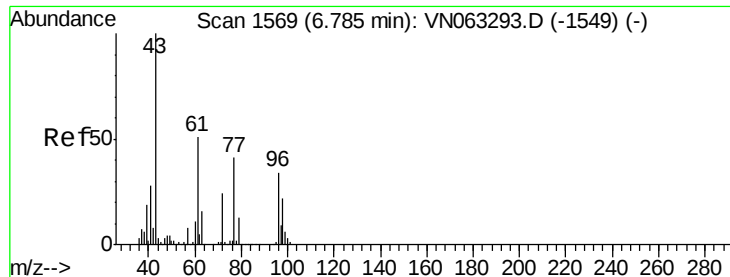
#16
Acetone
Concen: 22.737 ug/l
RT: 3.78 min Scan# 634
Delta R.T. 0.01 min
Lab File: VN063325.D
Acq: 11 Sep 2020 19:30

Tgt Ion: 43 Resp: 46144
Ion Ratio Lower Upper
43 100
58 29.2 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 58.00 (57.70 to 58.70): VNO





#25

2-Butanone

Concen: 3.255 ug/l

RT: 6.79 min Scan# 1572

Delta R.T. 0.01 min

Lab File: VN063325.D

Acq: 11 Sep 2020 19:30

Instrument :

MSVOA_N

ClientSampleId :

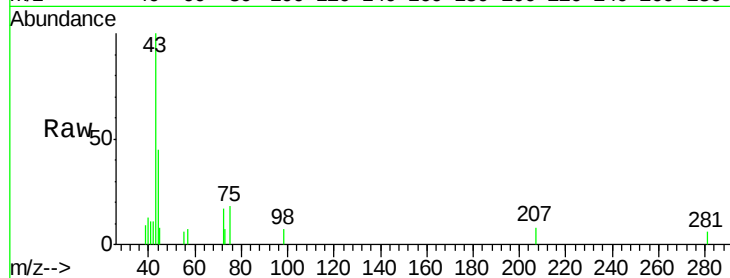
012-OUTFALL

Tot Ion: 43 Resp: 9759

Ion Ratio Lower Upper

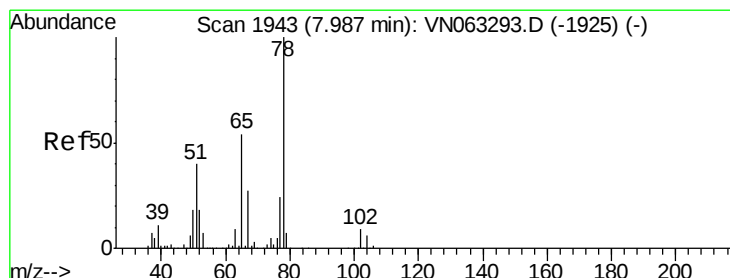
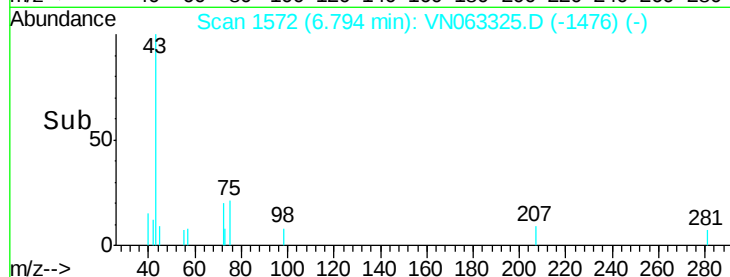
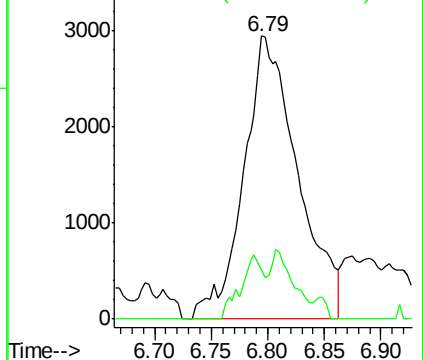
43 100

72 17.3 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#33

1,2-Dichloroethane-d4

Concen: 48.857 ug/l

RT: 7.99 min Scan# 1944

Delta R.T. 0.00 min

Lab File: VN063325.D

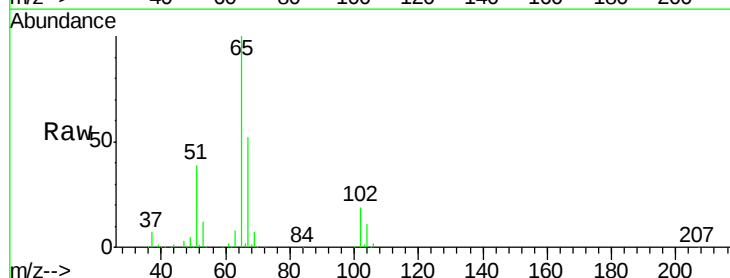
Acq: 11 Sep 2020 19:30

Tgt Ion: 65 Resp: 287147

Ion Ratio Lower Upper

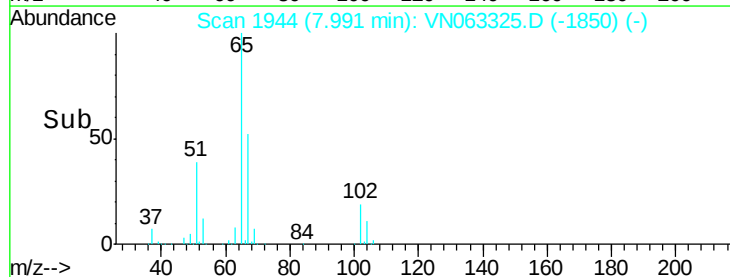
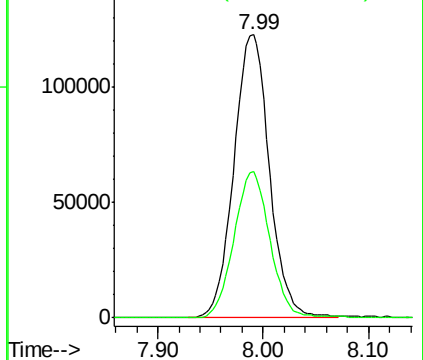
65 100

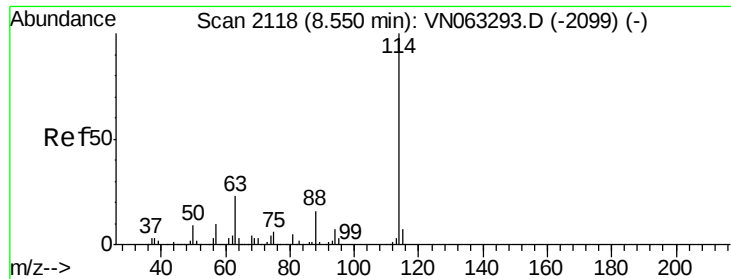
67 52.1 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

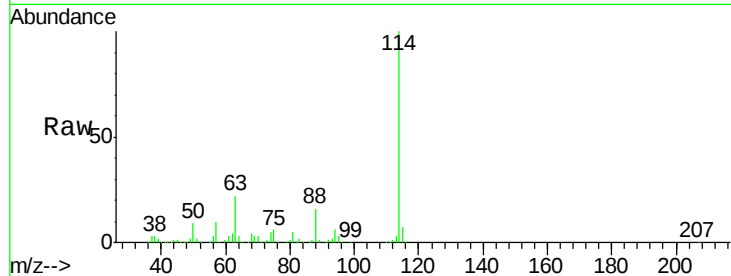




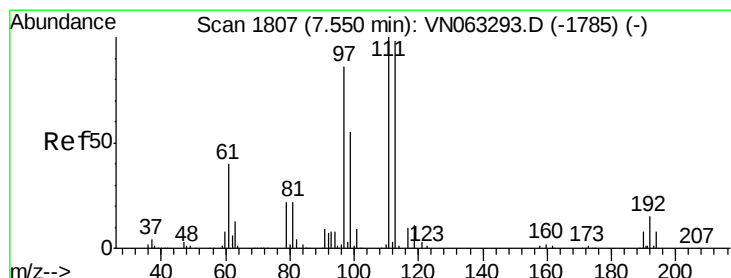
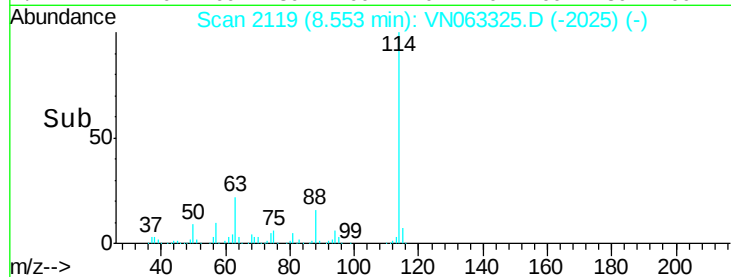
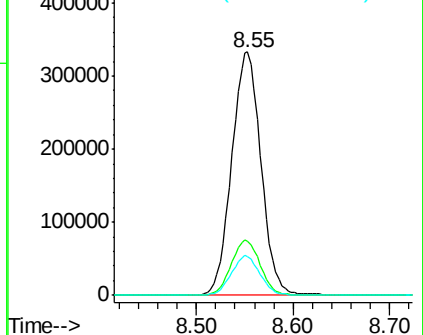
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN063325.D
 Acq: 11 Sep 2020 19:30

Instrument :
 MSVOA_N
 ClientSampleId :
 012-OUTFALL

Tot Ion:114 Resp: 700003
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 46.0
 88 16.0 0.0 32.8

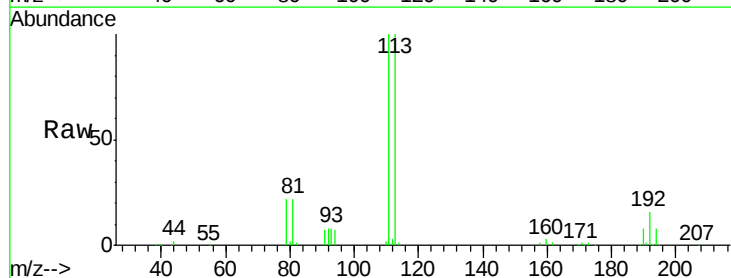


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

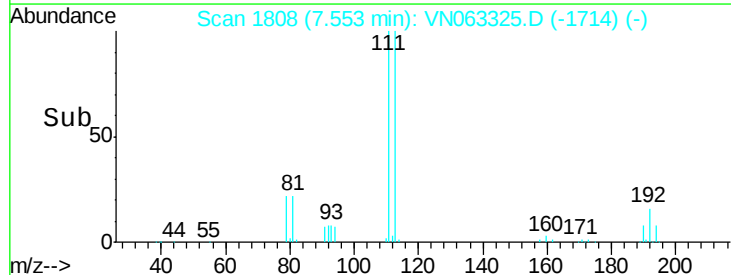
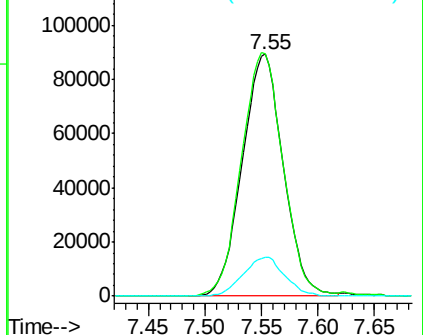


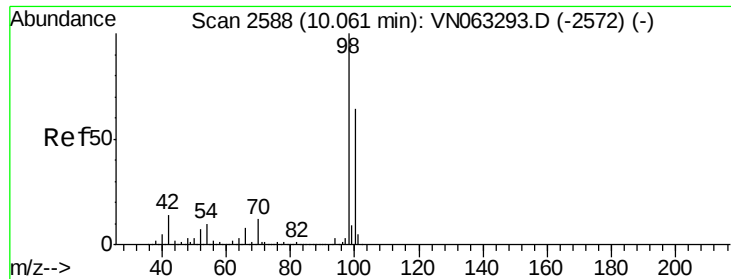
#35
 Dibromofluoromethane
 Concen: 49.800 ug/l
 RT: 7.55 min Scan# 1808
 Delta R.T. 0.00 min
 Lab File: VN063325.D
 Acq: 11 Sep 2020 19:30

Tgt Ion:113 Resp: 224891
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.2 123.2
 192 16.2 12.9 19.3



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: 51.473 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. -0.00 min

Lab File: VN063325.D

Acq: 11 Sep 2020 19:30

Instrument :

MSVOA_N

ClientSampled :

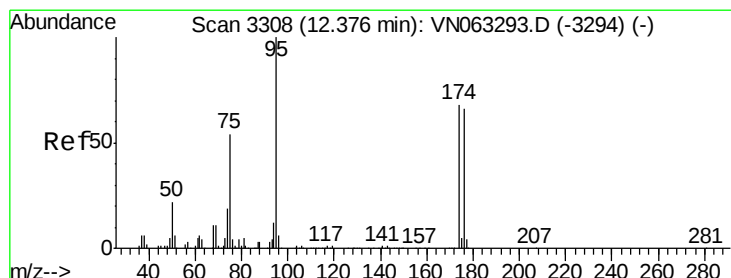
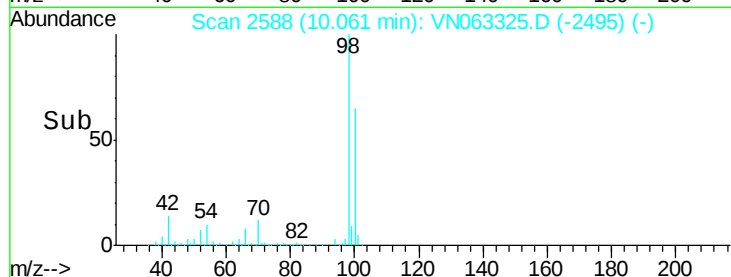
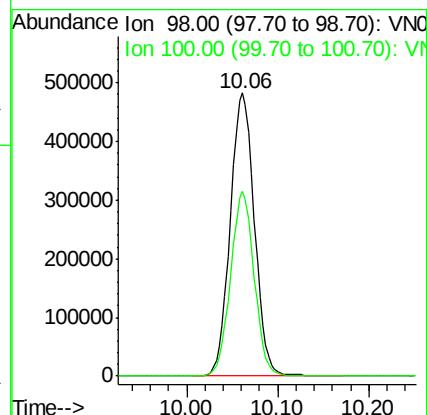
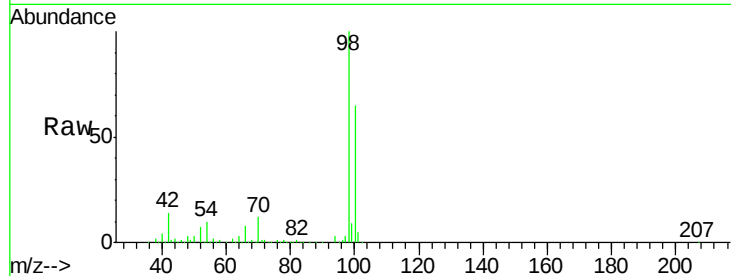
012-OUTFALL

Tot Ion: 98 Resp: 890789

Ion Ratio Lower Upper

98 100

100 63.4 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 52.164 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063325.D

Acq: 11 Sep 2020 19:30

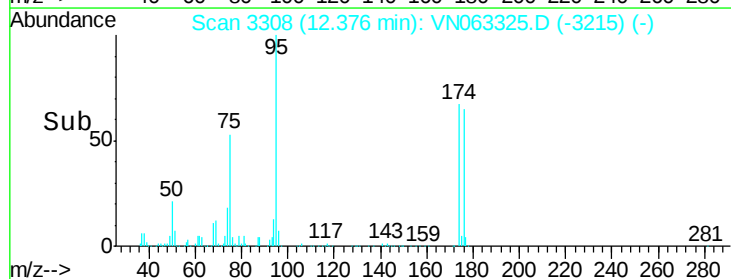
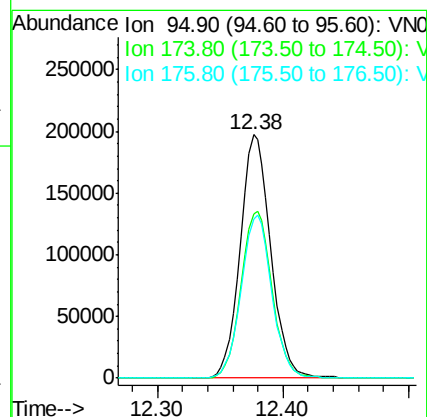
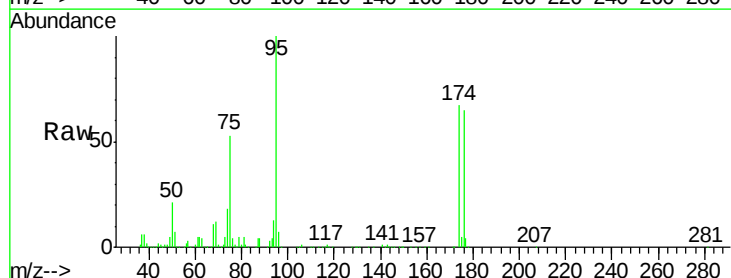
Tgt Ion: 95 Resp: 333435

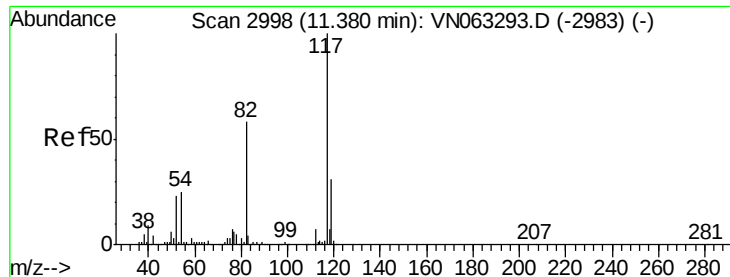
Ion Ratio Lower Upper

95 100

174 69.9 0.0 136.6

176 67.5 0.0 132.8

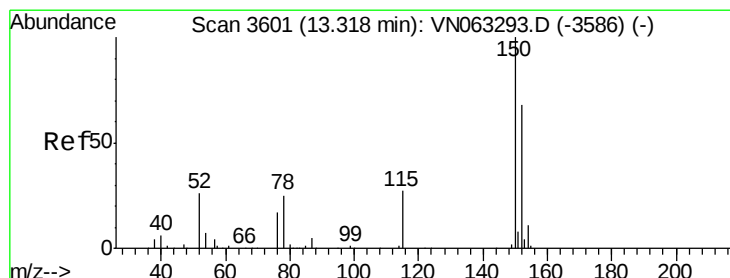
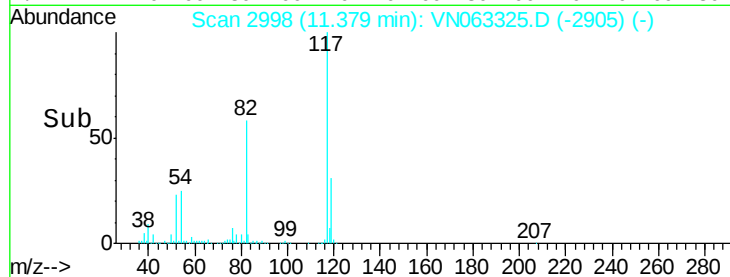
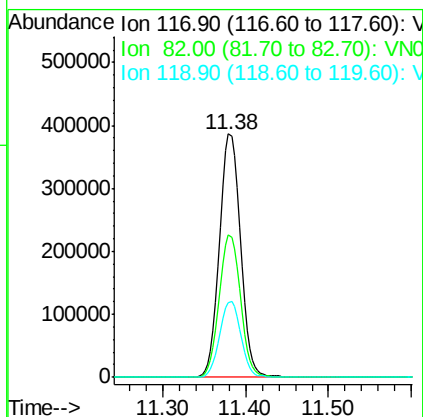
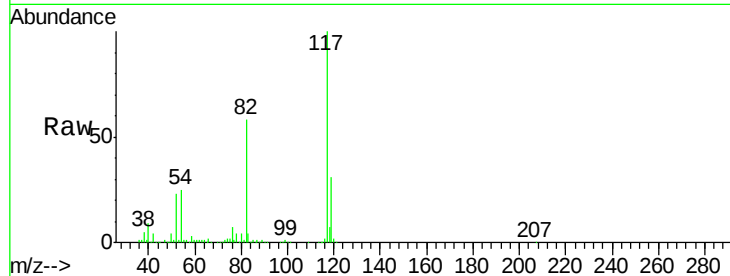




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063325.D
Acq: 11 Sep 2020 19:30

Instrument :
MSVOA_N
ClientSampleId :
012-OUTFALL

Tot Ion:117 Resp: 680805
Ion Ratio Lower Upper
117 100
82 58.3 46.4 69.6
119 30.9 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3602
Delta R.T. 0.00 min
Lab File: VN063325.D
Acq: 11 Sep 2020 19:30

Tgt Ion:152 Resp: 285251
Ion Ratio Lower Upper
152 100
115 61.7 31.5 94.5
150 155.5 0.0 344.0

