

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071818\
 Data File : VN049894.D
 Acq On : 19 Jul 2018 1:25
 Operator : MD\SY
 Sample : J4016-25
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Jul 19 14:10:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 18 13:09:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	573582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	946030	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	762618	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	268927	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	407498	51.69	ug/l	0.00
Spiked Amount						
			Recovery	=	103.38%	
35) Dibromofluoromethane	7.59	113	365613	46.04	ug/l	0.00
Spiked Amount						
			Recovery	=	92.08%	
50) Toluene-d8	10.09	98	1249498	43.18	ug/l	0.00
Spiked Amount						
			Recovery	=	86.36%	
62) 4-Bromofluorobenzene	12.40	95	329878	33.10	ug/l	0.00
Spiked Amount						
			Recovery	=	66.20%	

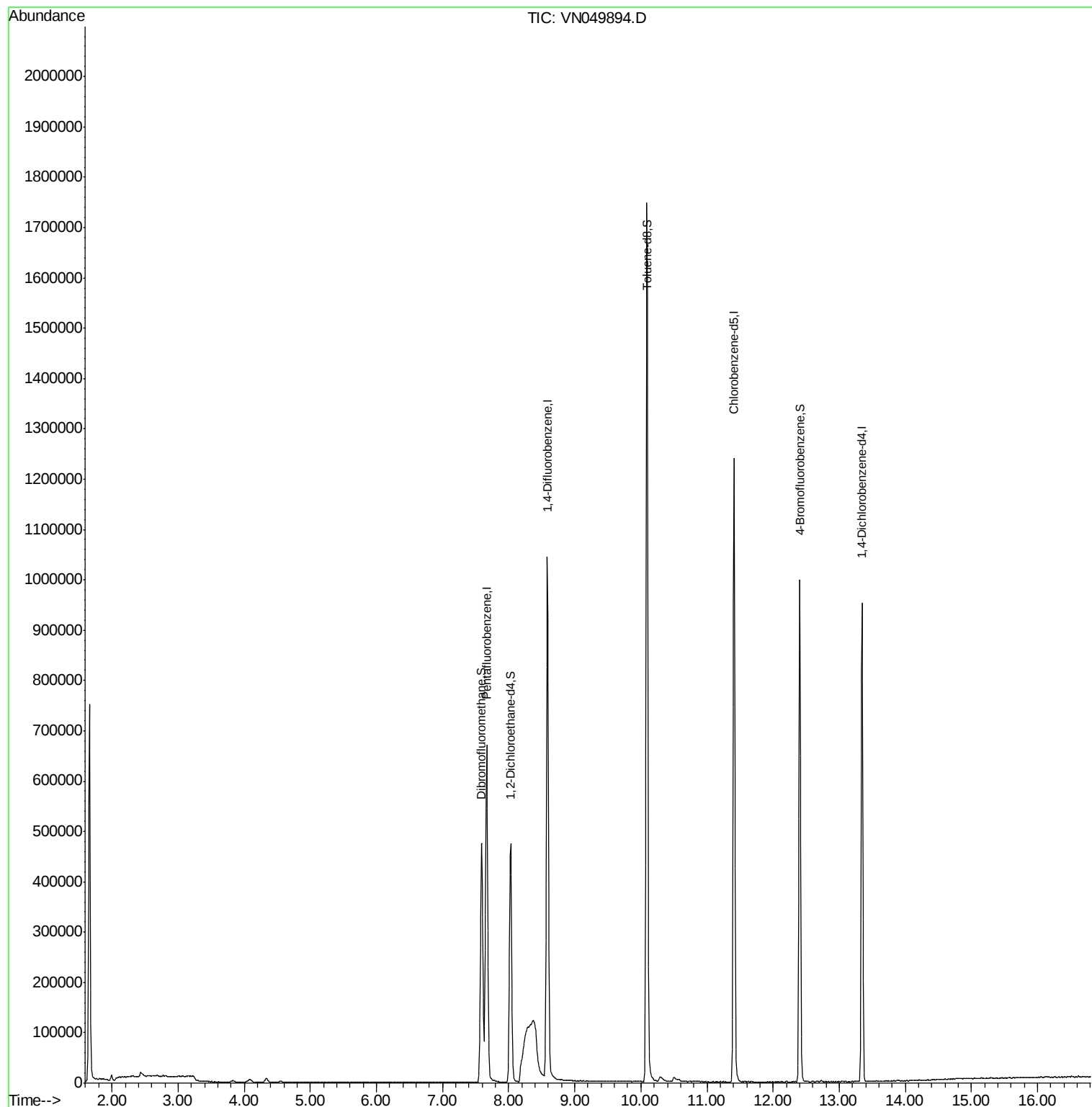
Target Compounds	Qvalue
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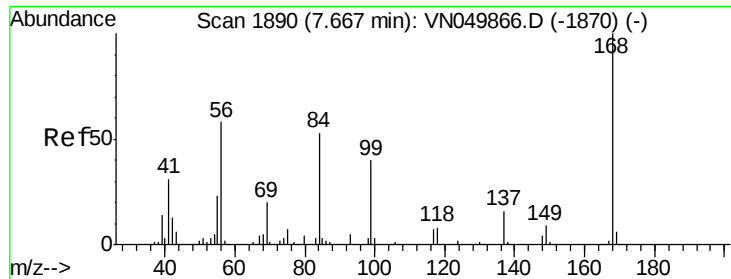
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jul 18 13:09:48 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049894.D

Acq: 19 Jul 2018 1:25

Instrument :

MSVOA_N

ClientSampled :

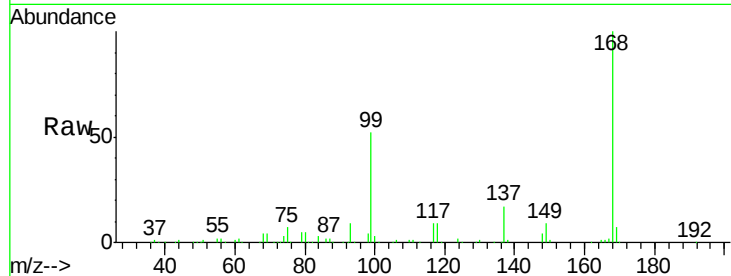
TRIP-BLANK

Tot Ion:168 Resp: 573582

Ion Ratio Lower Upper

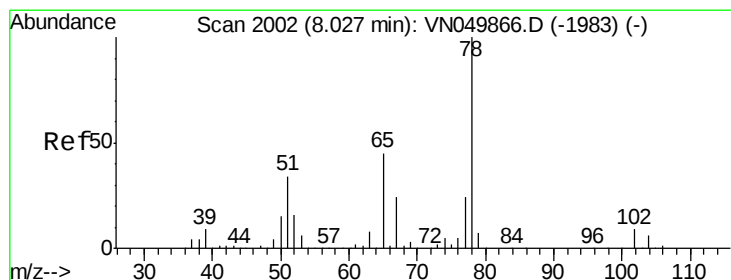
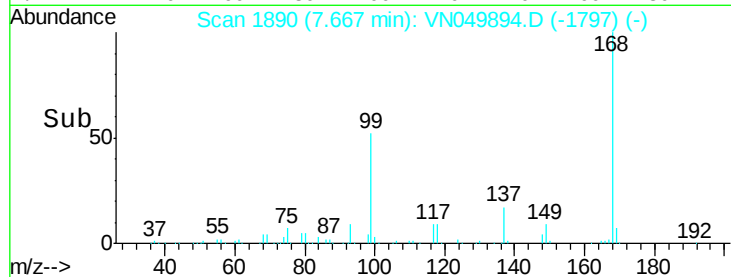
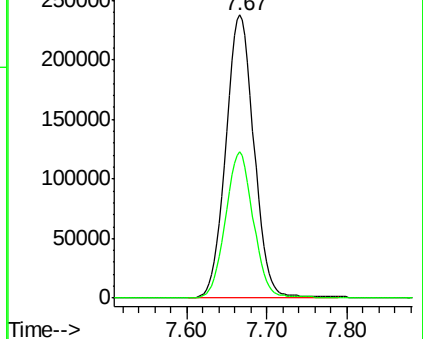
168 100

99 51.6 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 51.69 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. -0.00 min

Lab File: VN049894.D

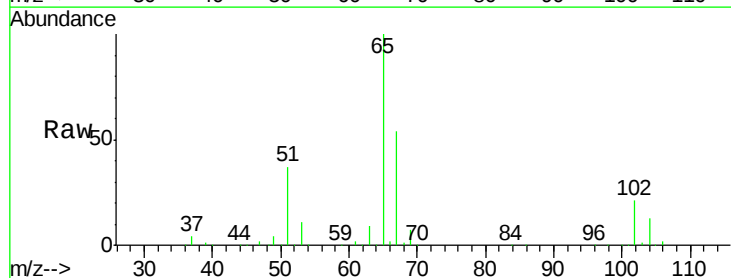
Acq: 19 Jul 2018 1:25

Tgt Ion: 65 Resp: 407498

Ion Ratio Lower Upper

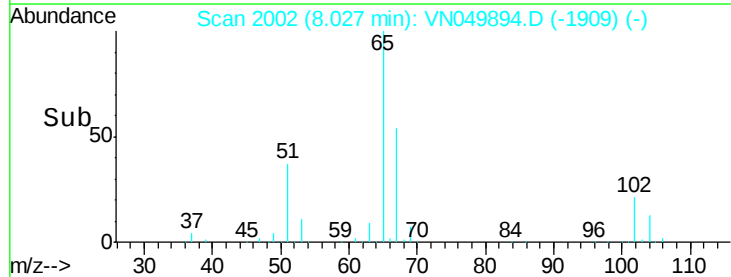
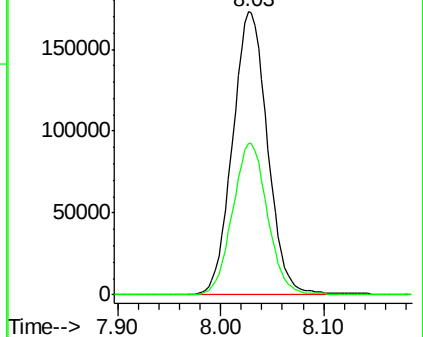
65 100

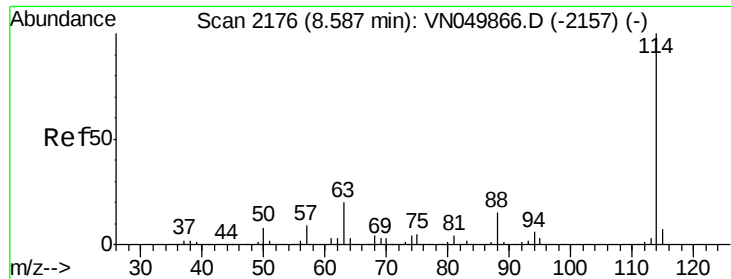
67 53.6 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN049894.D

Acq: 19 Jul 2018 1:25

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

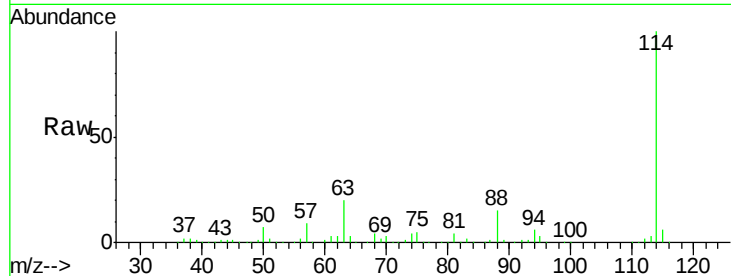
Tot Ion:114 Resp: 946030

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.8

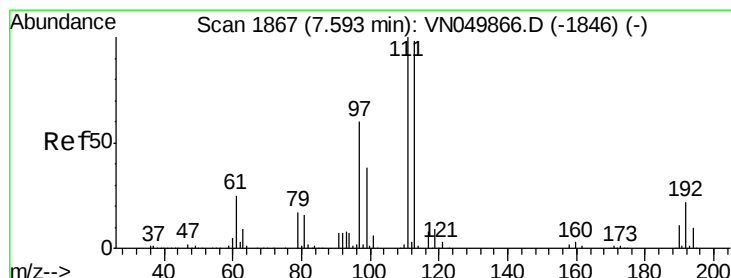
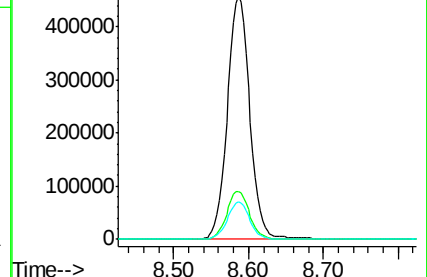
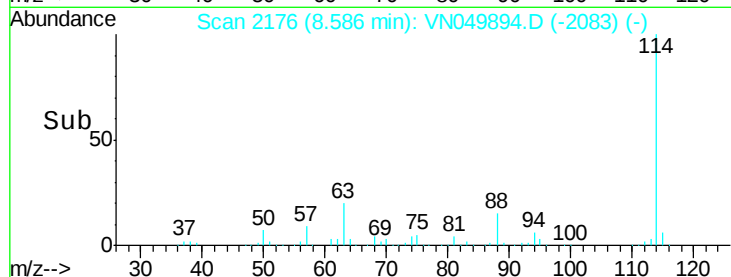
88 15.2 0.0 30.6



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: 46.04 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN049894.D

Acq: 19 Jul 2018 1:25

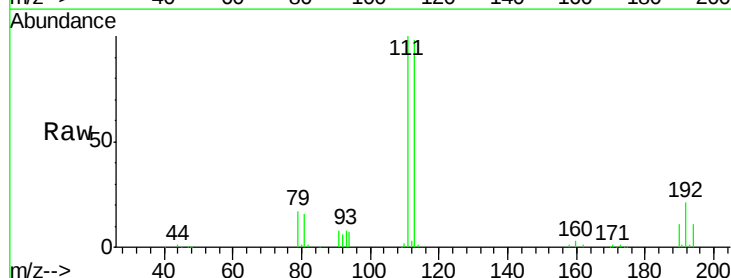
Tgt Ion:113 Resp: 365613

Ion Ratio Lower Upper

113 100

111 102.0 81.8 122.8

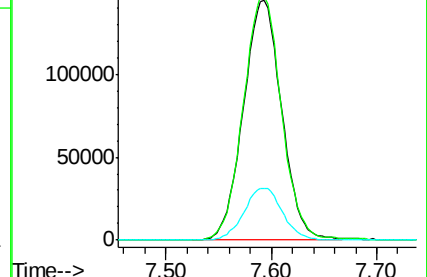
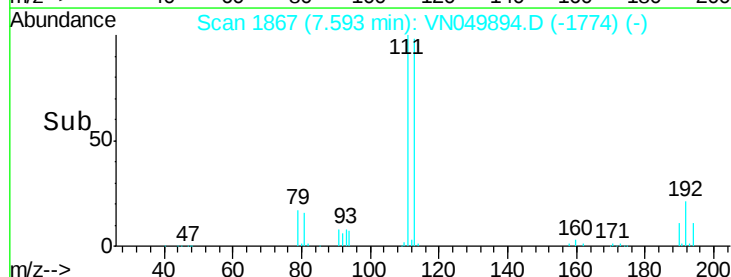
192 21.8 17.8 26.6

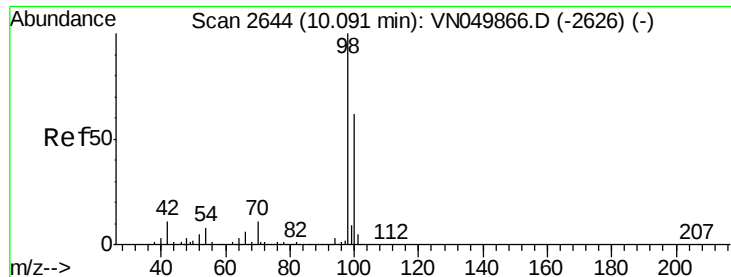


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 43.18 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN049894.D

Acq: 19 Jul 2018 1:25

Instrument :

MSVOA_N

ClientSampleId :

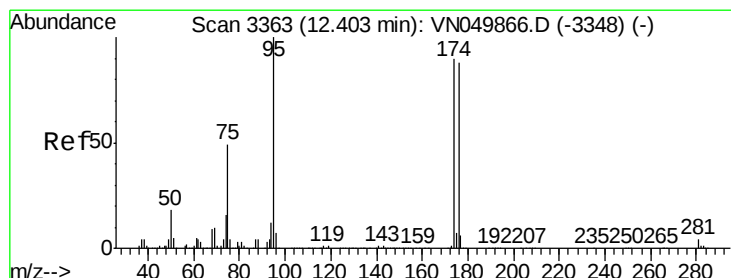
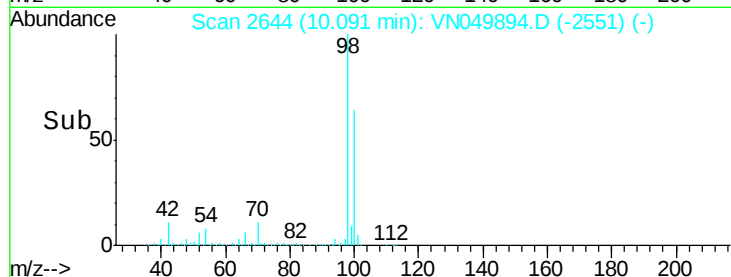
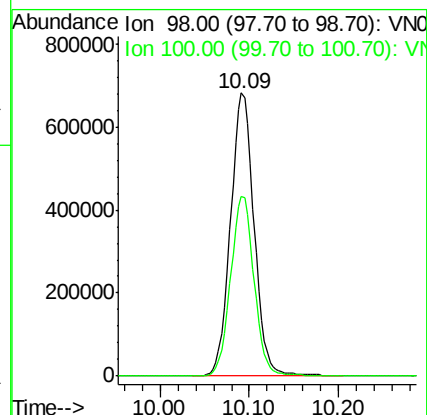
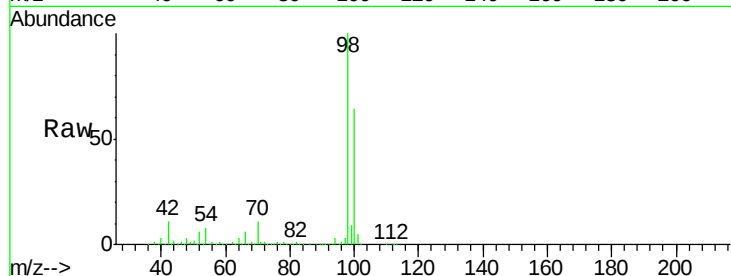
TRIP-BLANK

Tot Ion: 98 Resp: 1249498

Ion Ratio Lower Upper

98 100

100 63.5 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 33.10 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049894.D

Acq: 19 Jul 2018 1:25

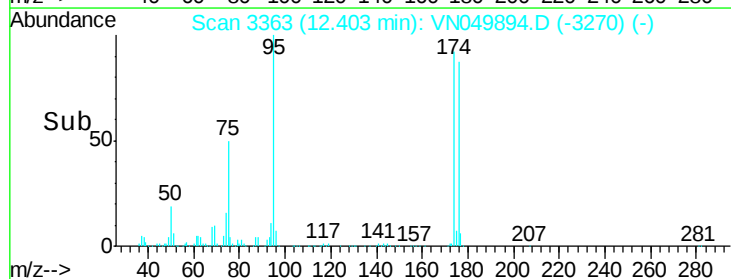
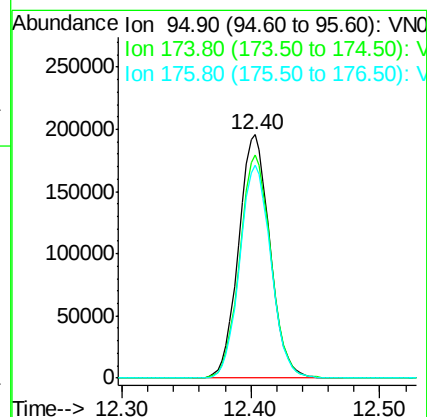
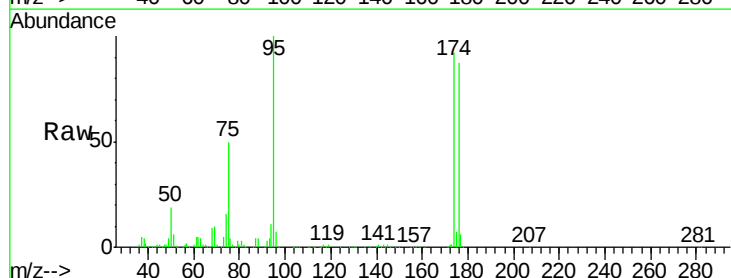
Tgt Ion: 95 Resp: 329878

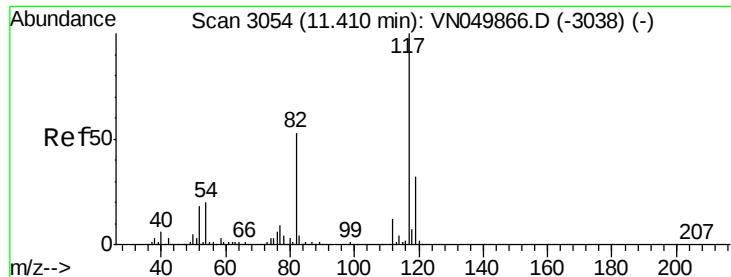
Ion Ratio Lower Upper

95 100

174 91.4 0.0 179.6

176 87.1 0.0 174.0

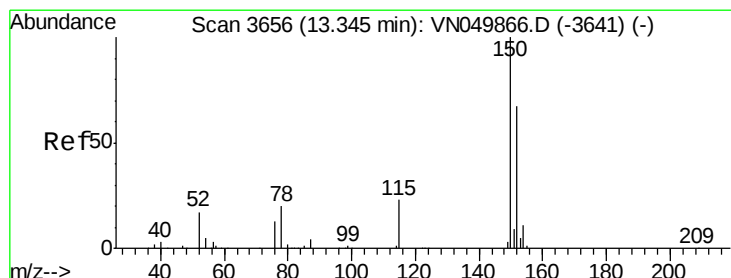
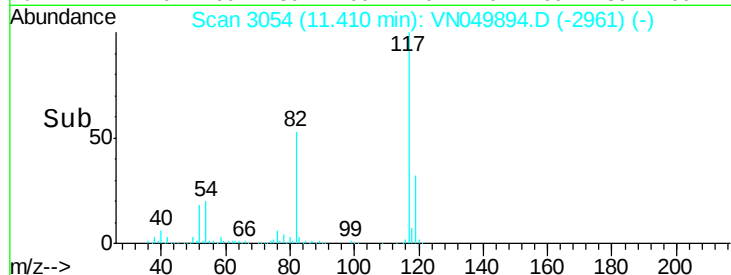
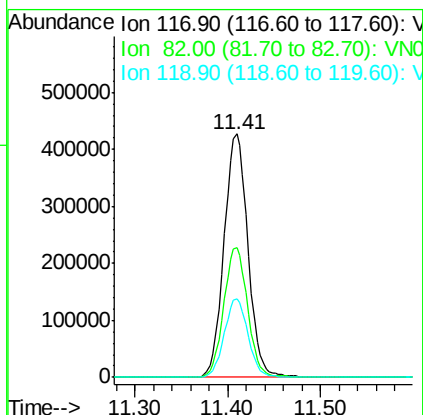
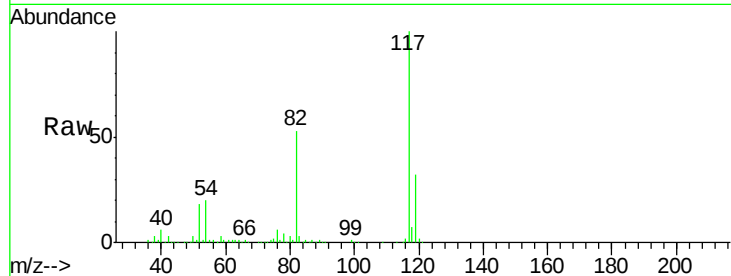




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049894.D
Acq: 19 Jul 2018 1:25

Instrument :
MSVOA_N
ClientSampled :
TRIP-BLANK

Tot Ion:117 Resp: 762618
Ion Ratio Lower Upper
117 100
82 53.4 41.9 62.9
119 32.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN049894.D
Acq: 19 Jul 2018 1:25

Tgt Ion:152 Resp: 268927
Ion Ratio Lower Upper
152 100
115 55.4 28.1 84.2
150 156.7 0.0 347.6

