

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071718\
 Data File : VN049858.D
 Acq On : 17 Jul 2018 20:28
 Operator : MD\SY
 Sample : J3994-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGEBLANK-WATERREF-4

Quant Time: Jul 18 07:19:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 17 13:20:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	570522	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	919753	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	763330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	292740	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	405697	53.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.18%	
35) Dibromofluoromethane	7.59	113	355811	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
50) Toluene-d8	10.09	98	1234751	46.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.20%	
62) 4-Bromofluorobenzene	12.40	95	341590	38.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.16%	

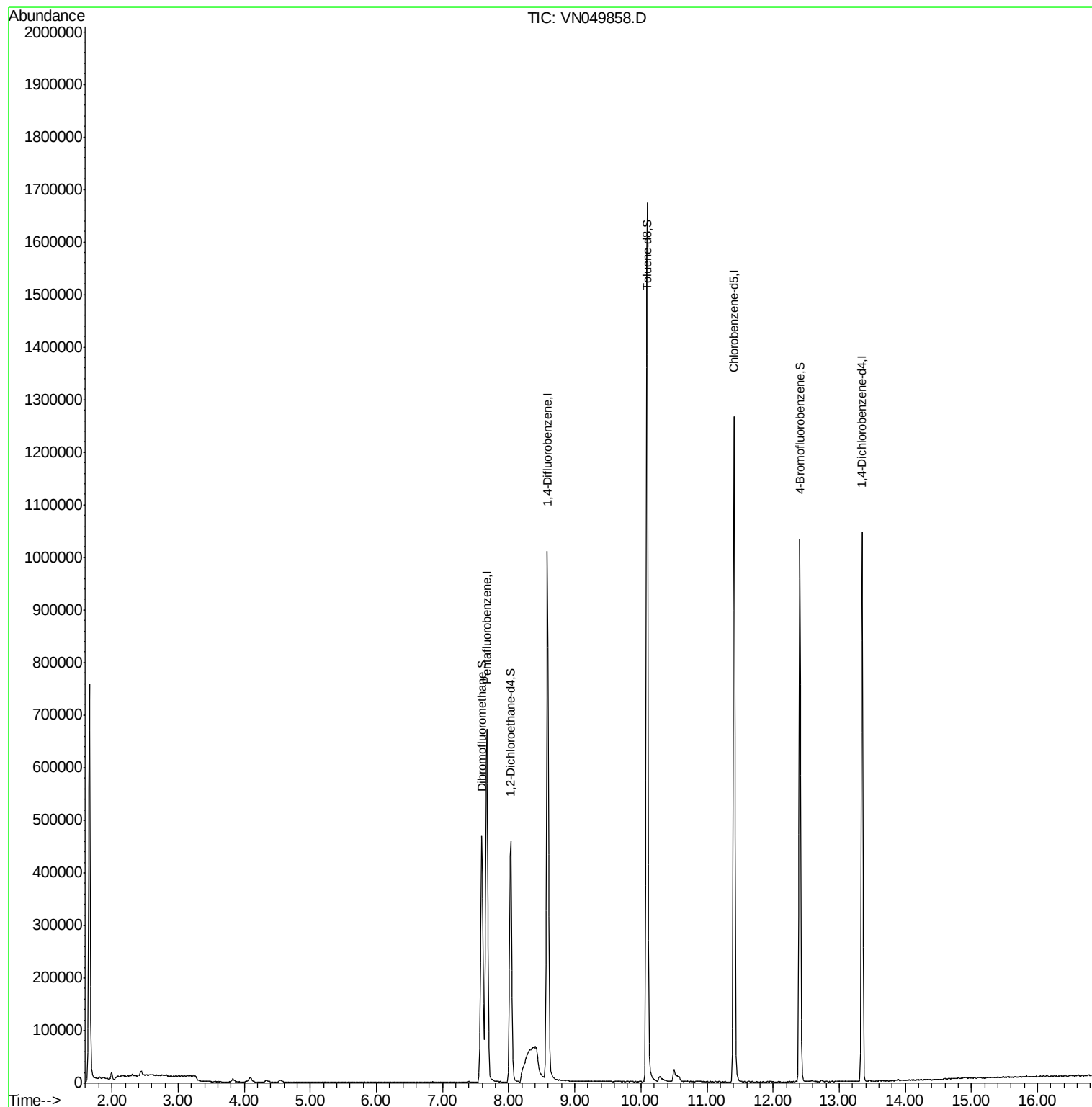
Target Compounds	Qvalue

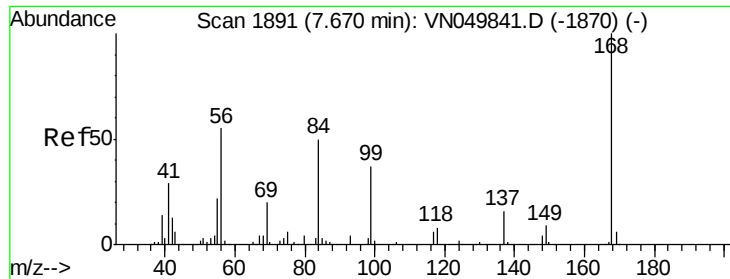
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

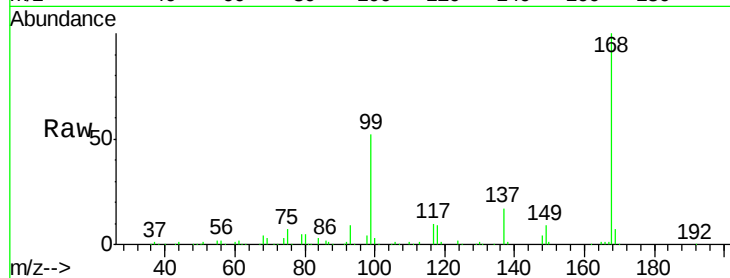
STORAGEBLANK-WATERREF-4

Tot Ion:168 Resp: 570522

Ion Ratio Lower Upper

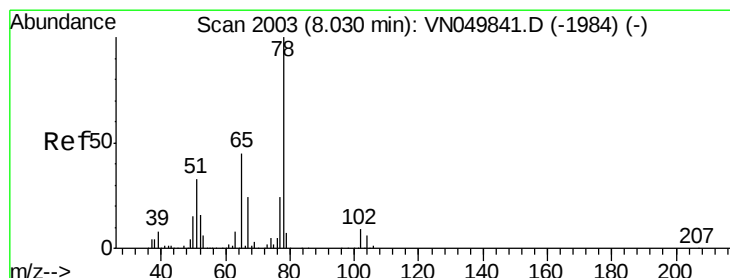
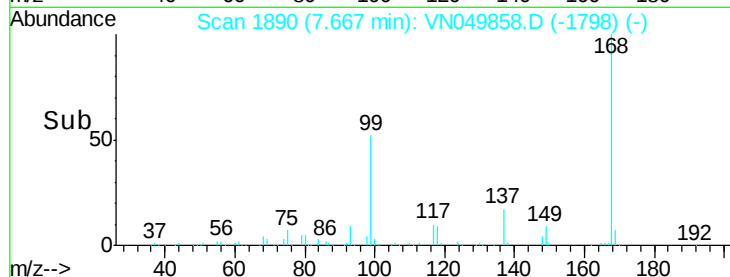
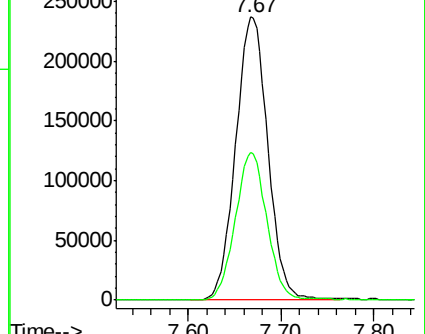
168 100

99 52.1 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: 53.09 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049858.D

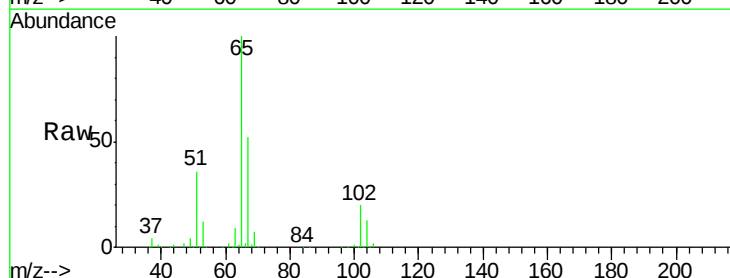
Acq: 17 Jul 2018 20:28

Tgt Ion: 65 Resp: 405697

Ion Ratio Lower Upper

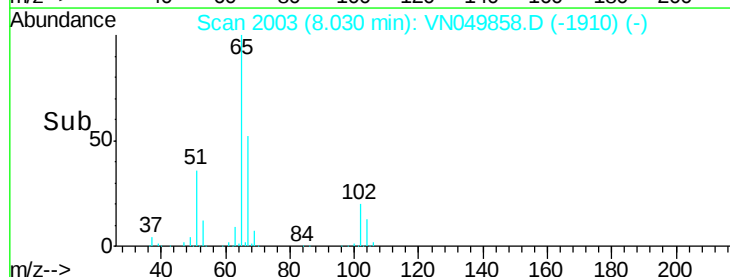
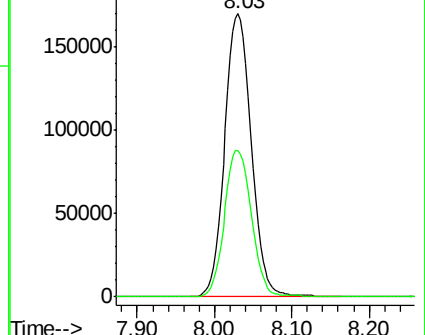
65 100

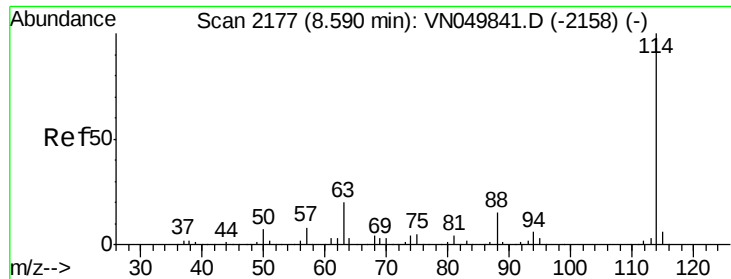
67 52.2 0.0 107.2



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: VN049858.D

Acq: 17 Jul 2018 20:28

Instrument :

MSVOA_N

ClientSampleId :

STORAGEBLANK-WATERREF-4

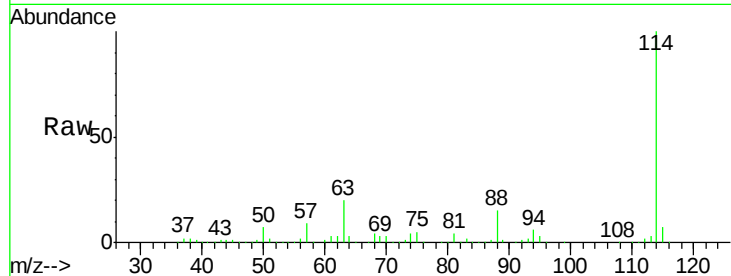
Tot Ion:114 Resp: 919753

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.8

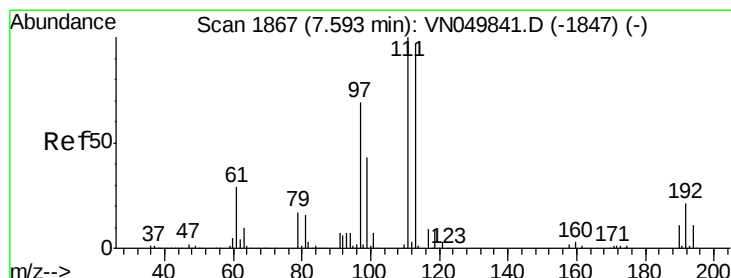
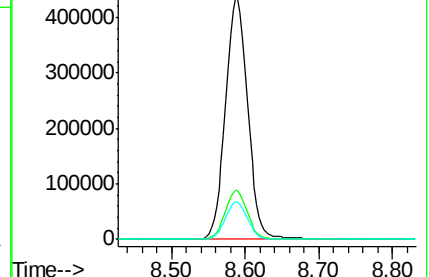
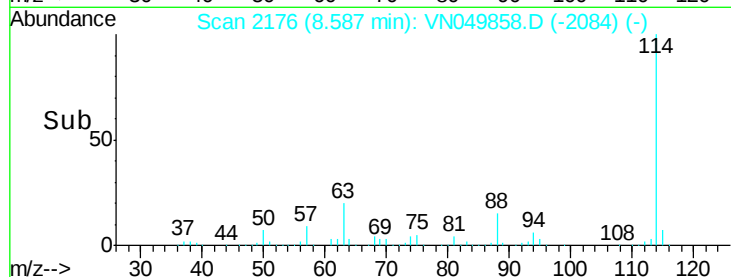
88 15.4 0.0 30.6



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: 48.77 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049858.D

Acq: 17 Jul 2018 20:28

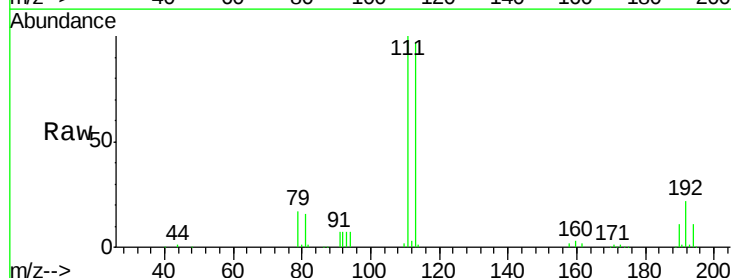
Tgt Ion:113 Resp: 355811

Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.8

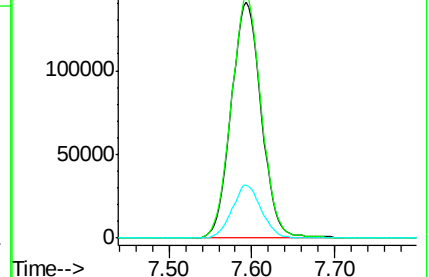
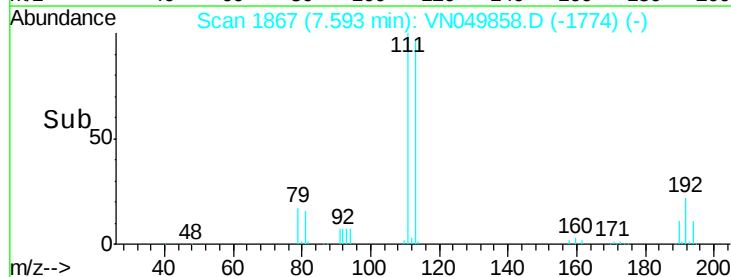
192 21.9 17.8 26.6

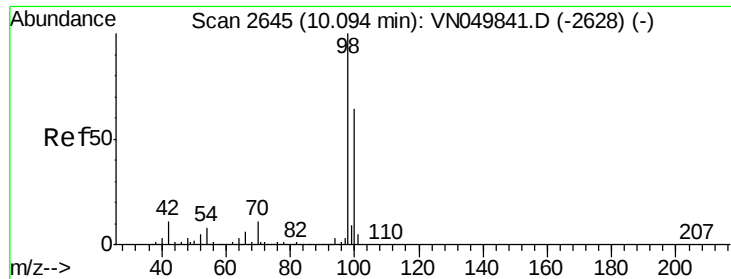


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.10 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049858.D

Acq: 17 Jul 2018 20:28

Instrument :

MSVOA_N

ClientSampleId :

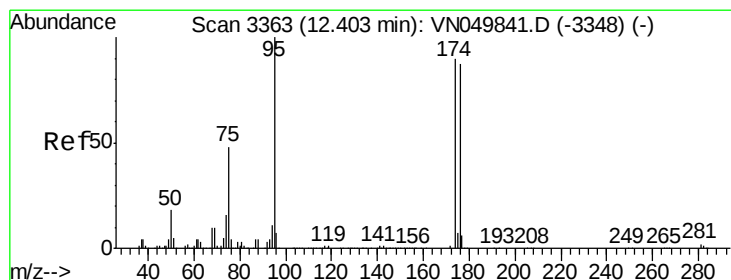
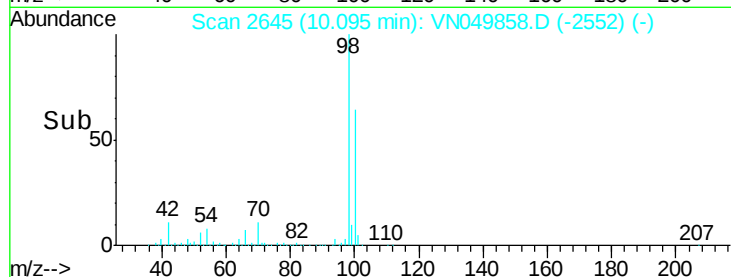
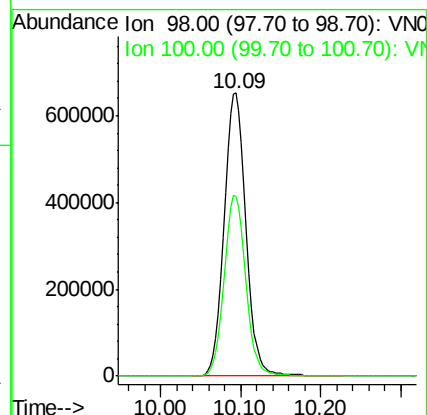
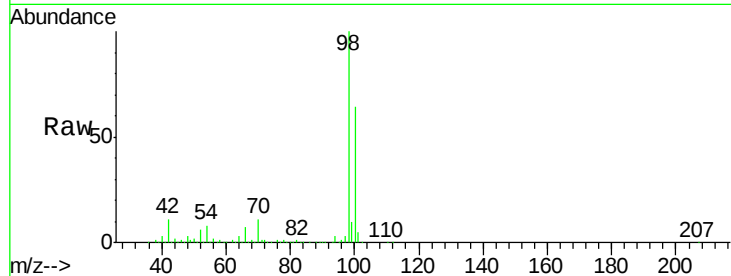
STORAGEBLANK-WATERREF-4

Tot Ion: 98 Resp: 1234751

Ion Ratio Lower Upper

98 100

100 63.7 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 38.08 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049858.D

Acq: 17 Jul 2018 20:28

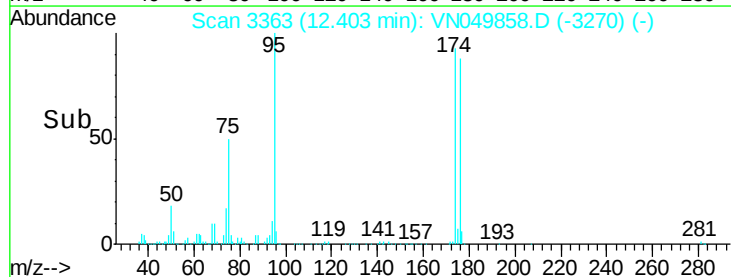
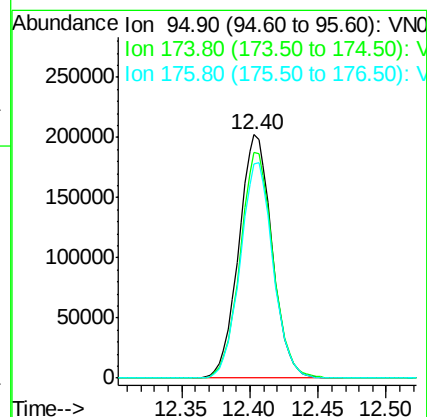
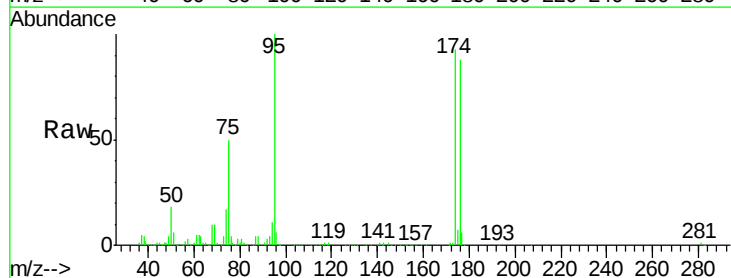
Tgt Ion: 95 Resp: 341590

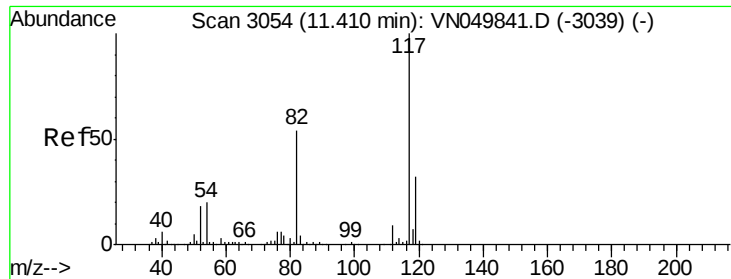
Ion Ratio Lower Upper

95 100

174 92.0 0.0 179.6

176 87.6 0.0 174.0

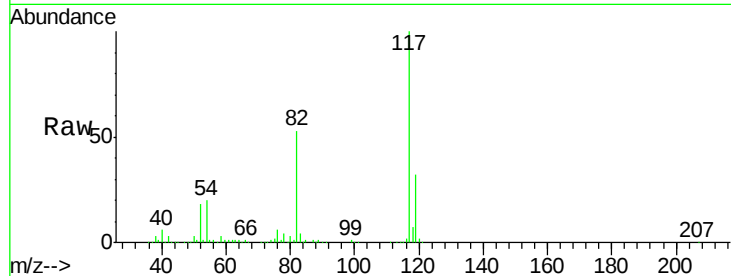




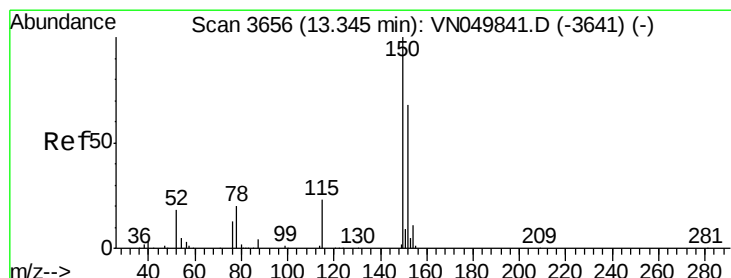
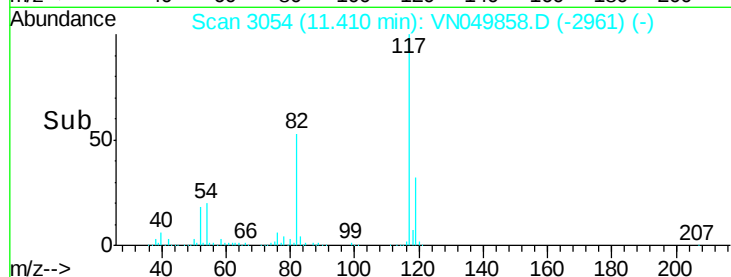
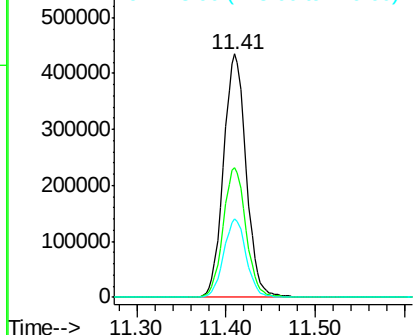
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN049858.D
Acq: 17 Jul 2018 20:28

Instrument :
MSVOA_N
ClientSampleId :
STORAGEBLANK-WATERREF-4

Tot Ion:117 Resp: 763330
Ion Ratio Lower Upper
117 100
82 53.5 41.9 62.9
119 32.0 25.4 38.2

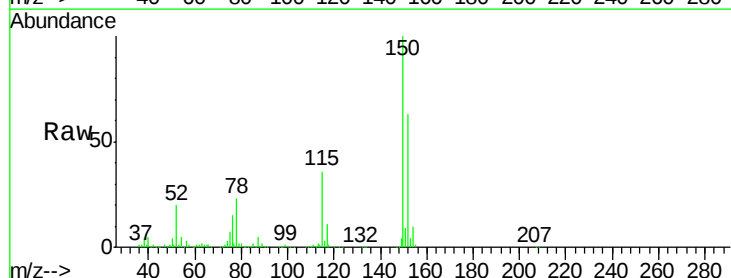


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN049858.D
Acq: 17 Jul 2018 20:28

Tgt Ion:152 Resp: 292740
Ion Ratio Lower Upper
152 100
115 56.6 28.1 84.2
150 158.0 0.0 347.6



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

