

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082118\
 Data File : VN050791.D
 Acq On : 21 Aug 2018 19:44
 Operator : MD\SY
 Sample : J4544-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGEBLANK-SOILREF-6

Quant Time: Aug 22 07:02:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	604769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	950477	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	842092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	277388	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	397588	54.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.22%	
35) Dibromofluoromethane	7.59	113	381974	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
50) Toluene-d8	10.09	98	1362843	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
62) 4-Bromofluorobenzene	12.40	95	359646	38.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.56%	

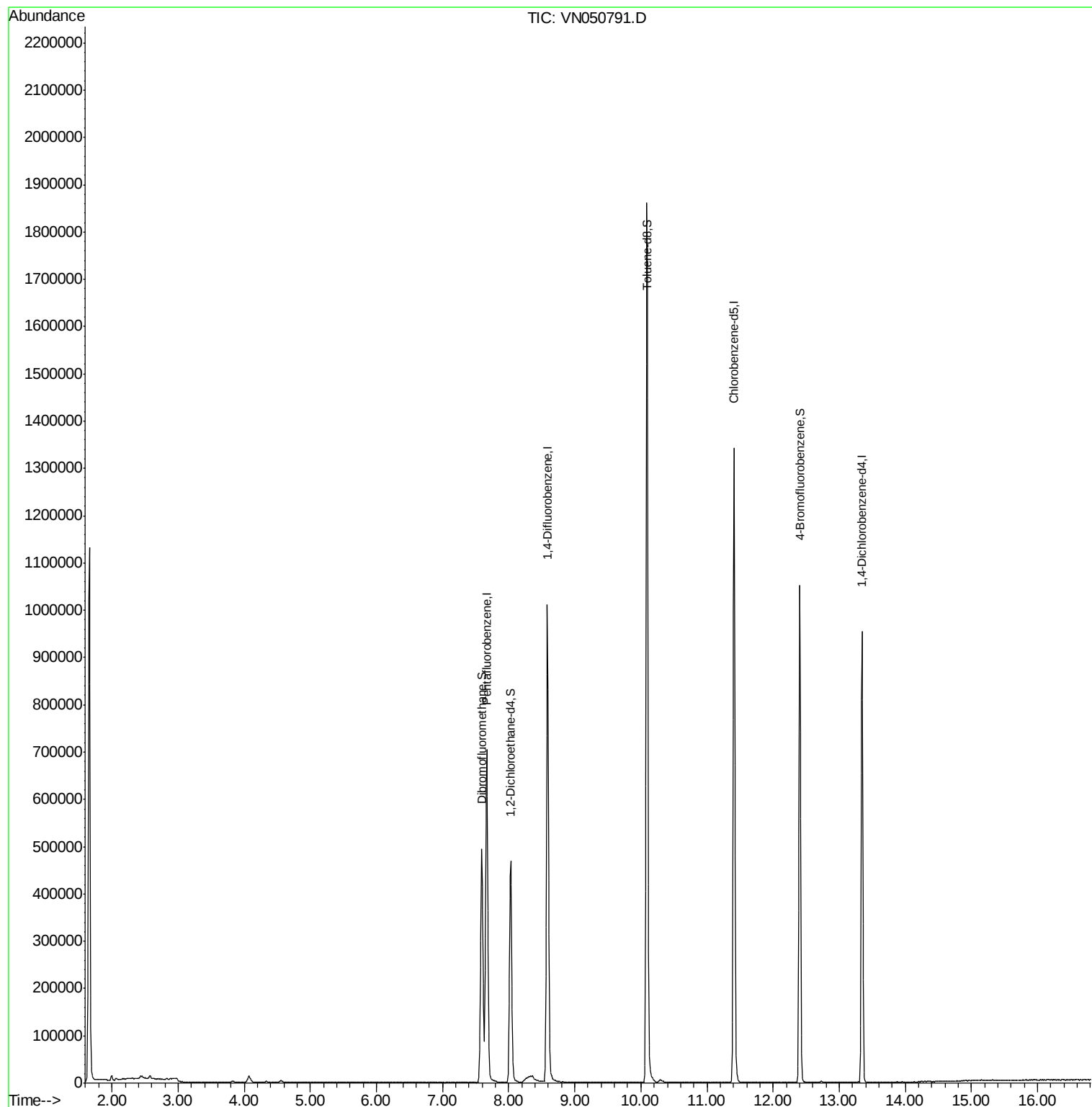
Target Compounds	Qvalue

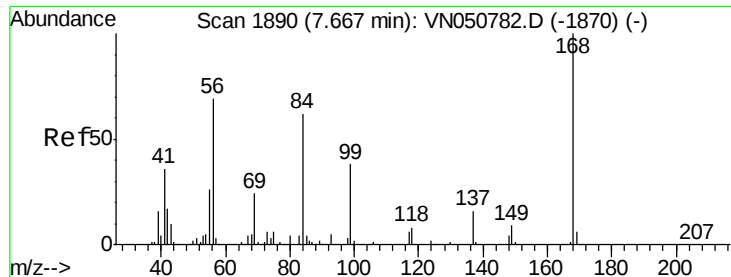
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN050791.D

Acq: 21 Aug 2018 19:44

Instrument :

MSVOA_N

ClientSampleId :

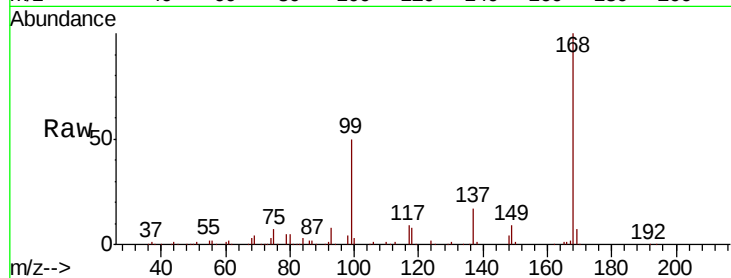
STORAGEBLANK-SOILREF-6

Tot Ion:168 Resp: 604769

Ion Ratio Lower Upper

168 100

99 50.0 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): VN050782.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050782.D (-1870) (-)

7.67

250000

200000

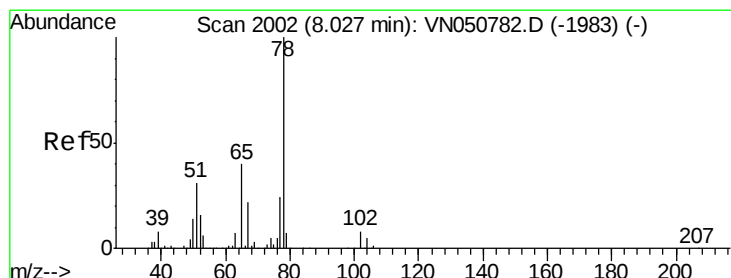
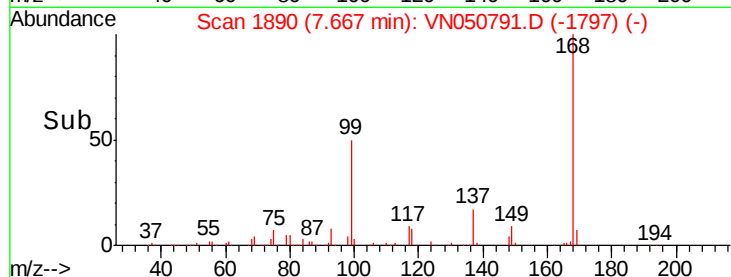
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.61 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050791.D

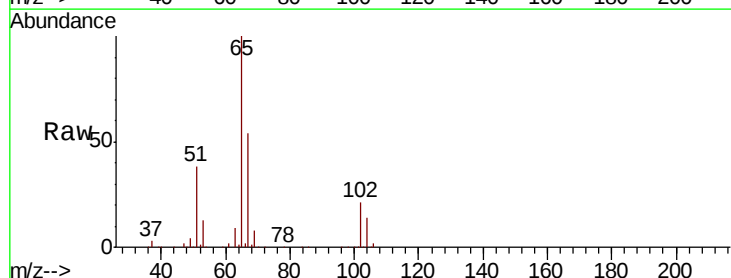
Acq: 21 Aug 2018 19:44

Tgt Ion: 65 Resp: 397588

Ion Ratio Lower Upper

65 100

67 54.4 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN050782.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN050782.D (-1983) (-)

8.03

200000

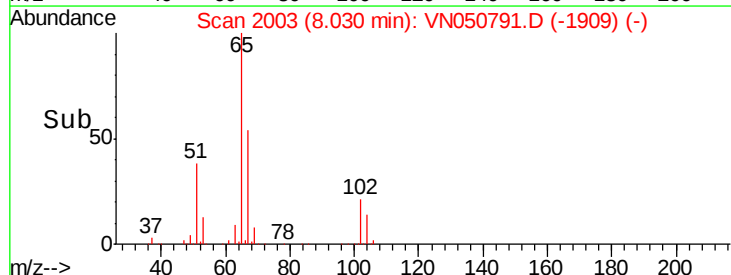
150000

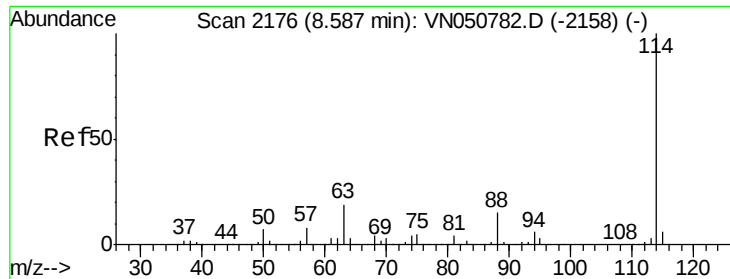
100000

50000

0

Time-->

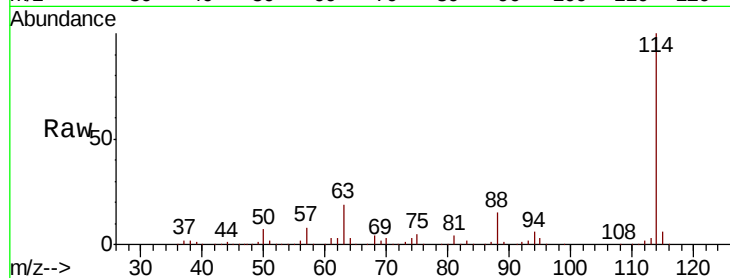




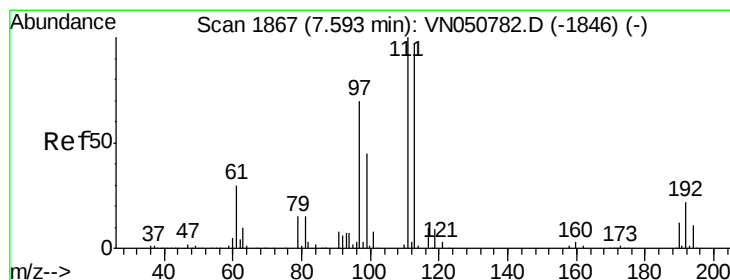
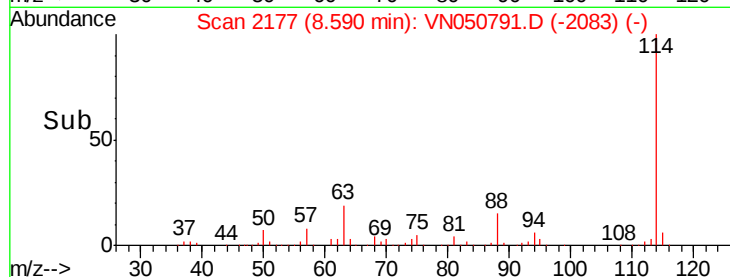
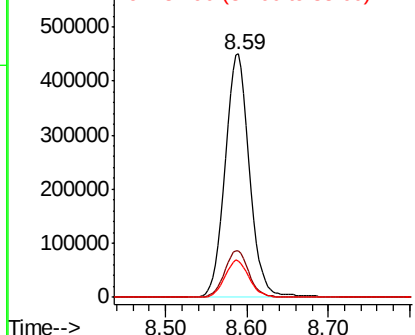
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050791.D
 Acq: 21 Aug 2018 19:44

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGEBLANK-SOILREF-6

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	38.6
88	14.9	0.0	30.6

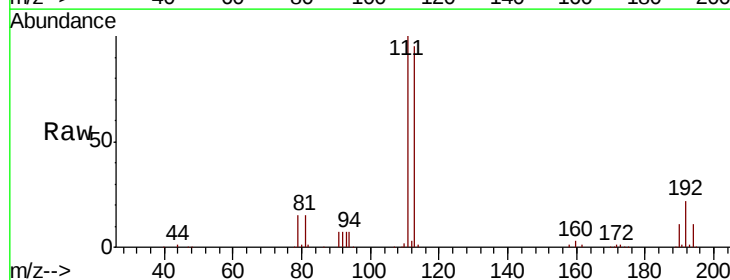


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

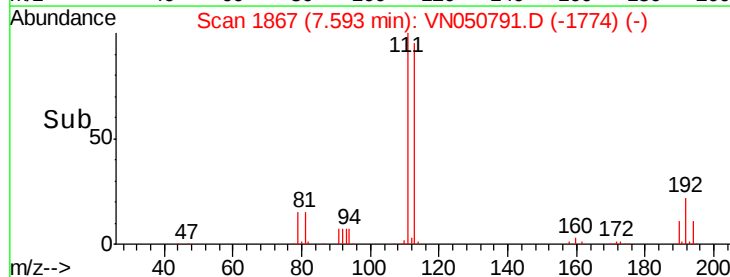
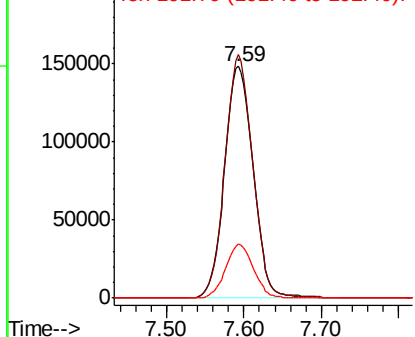


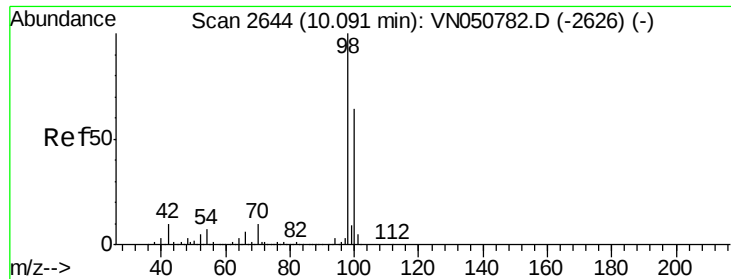
#35
 Dibromofluoromethane
 Concen: 50.51 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050791.D
 Acq: 21 Aug 2018 19:44

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.0	82.6	123.8
192	22.6	18.0	27.0



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: 48.21 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050791.D

Acq: 21 Aug 2018 19:44

Instrument :

MSVOA_N

ClientSampleId :

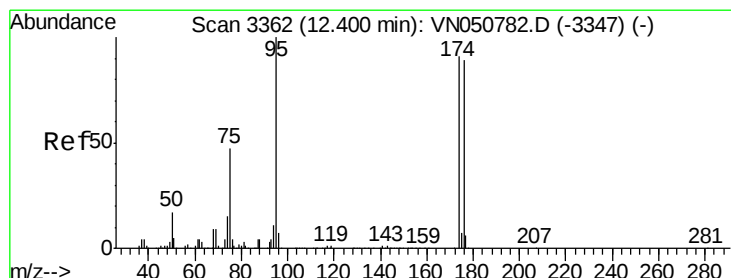
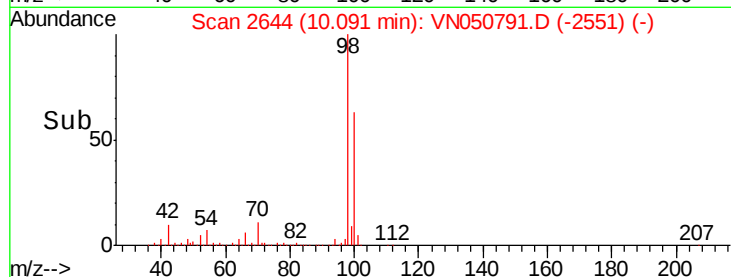
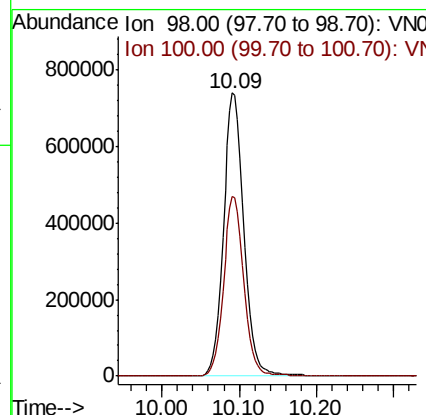
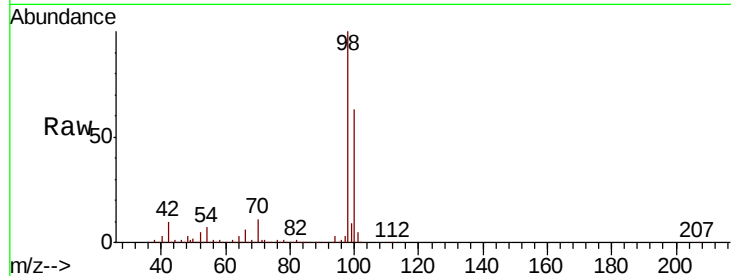
STORAGEBLANK-SOILREF-6

Tot Ion: 98 Resp: 1362843

Ion Ratio Lower Upper

98 100

100 63.0 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 38.28 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050791.D

Acq: 21 Aug 2018 19:44

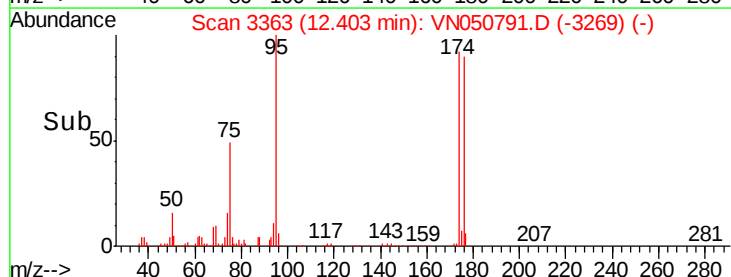
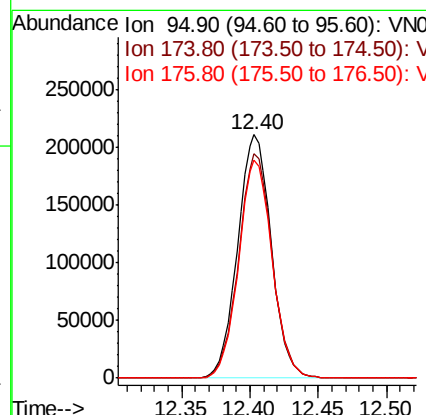
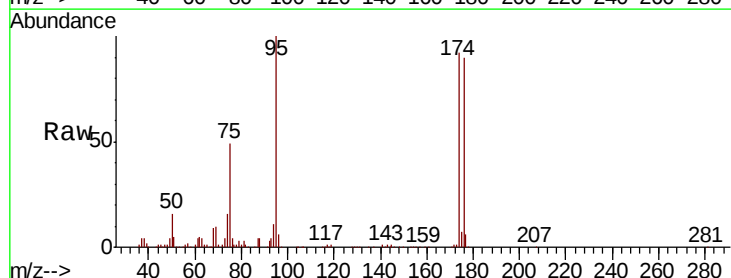
Tgt Ion: 95 Resp: 359646

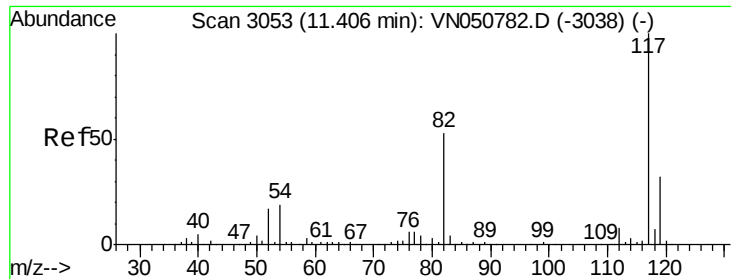
Ion Ratio Lower Upper

95 100

174 92.1 0.0 183.0

176 89.4 0.0 178.8

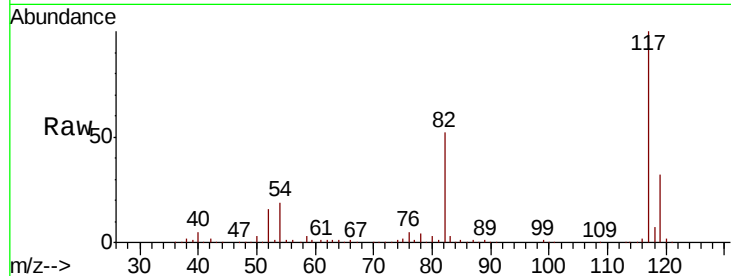




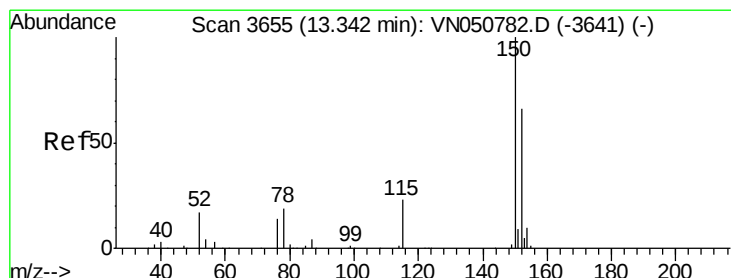
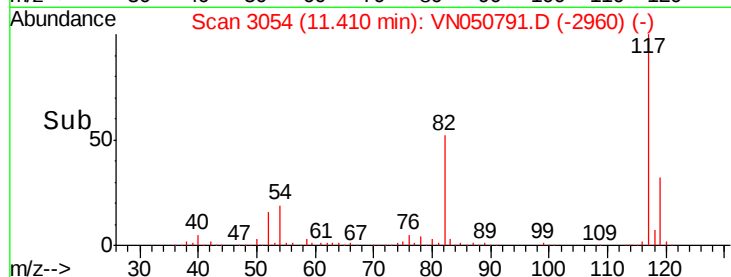
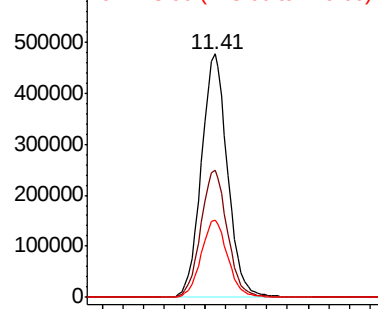
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050791.D
Acq: 21 Aug 2018 19:44

Instrument :
MSVOA_N
ClientSampleId :
STORAGEBLANK-SOILREF-6

Tot Ion:117 Resp: 842092
Ion Ratio Lower Upper
117 100
82 52.0 42.6 64.0
119 31.9 25.8 38.6

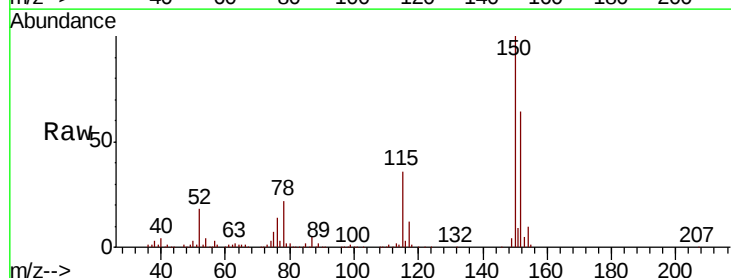


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050791.D
Acq: 21 Aug 2018 19:44

Tgt Ion:152 Resp: 277388
Ion Ratio Lower Upper
152 100
115 56.1 27.8 83.4
150 155.6 0.0 351.4



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

