

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110918\
 Data File : VN052234.D
 Acq On : 9 Nov 2018 18:28
 Operator : MD\SY
 Sample : J5893-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Nov 12 03:42:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:34:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	347849	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	580116	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	483405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	168696	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	222153	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	
35) Dibromofluoromethane	7.59	113	179435	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
50) Toluene-d8	10.09	98	704815	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
62) 4-Bromofluorobenzene	12.40	95	208440	43.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.66%	

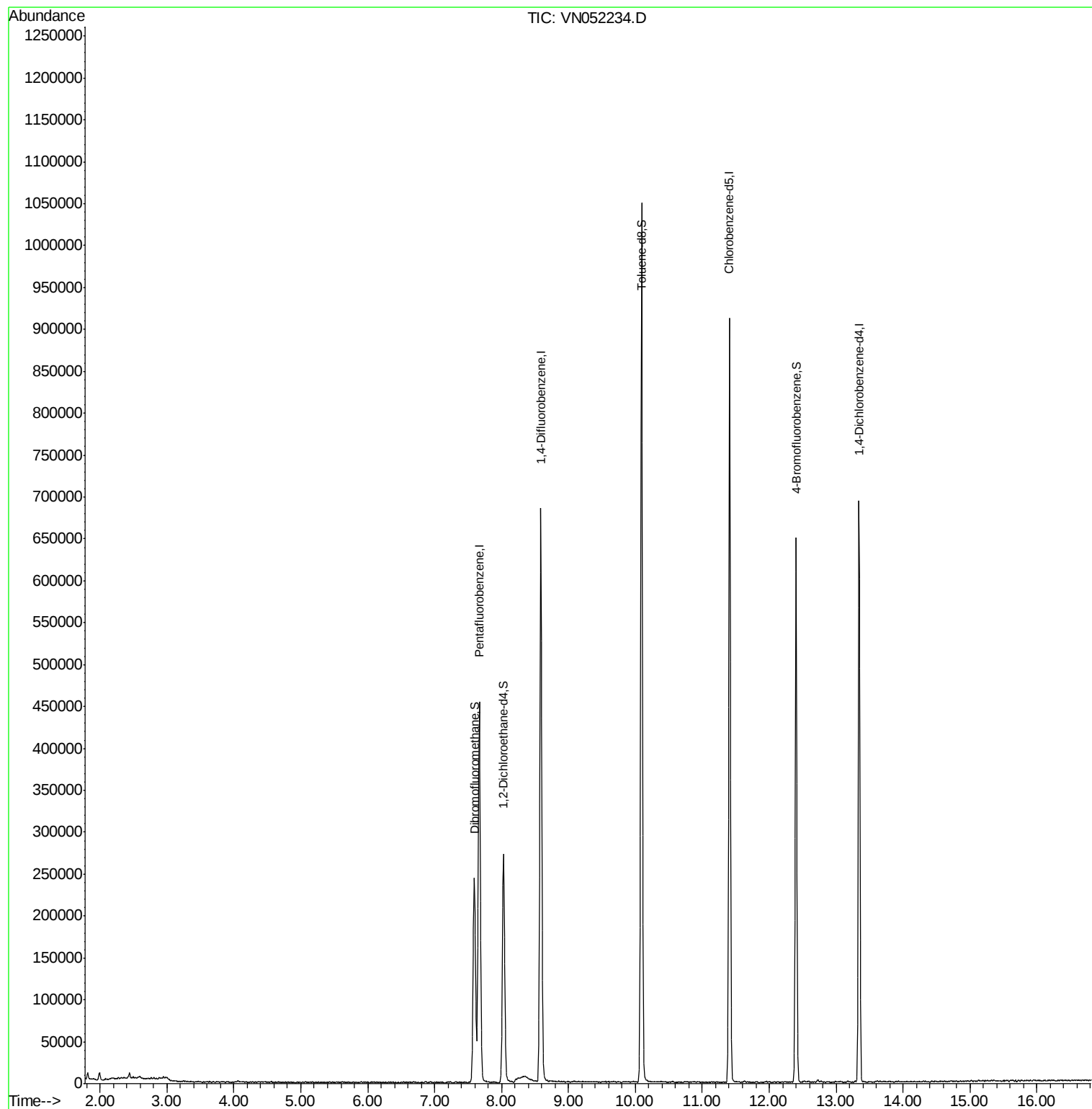
Target Compounds	Qvalue

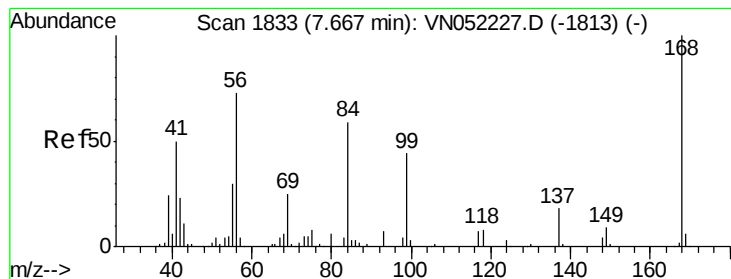
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052234.D

Acq: 9 Nov 2018 18:28

Instrument :

MSVOA_N

ClientSampleId :

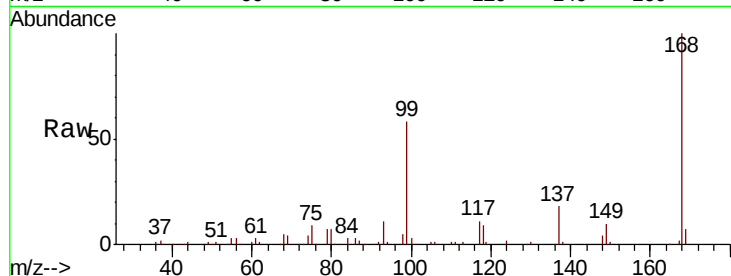
STORAGE-BLANK-WATER-REF-4

Tot Ion:168 Resp: 347849

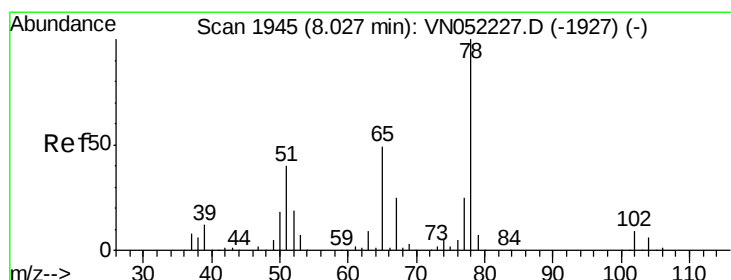
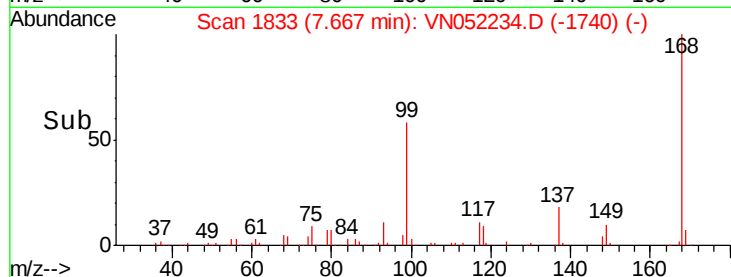
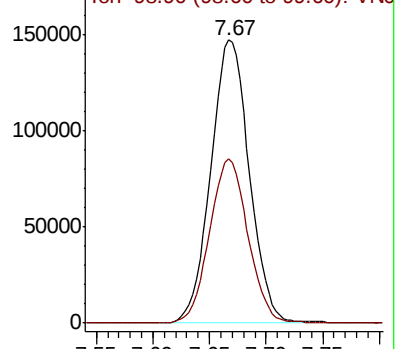
Ion Ratio Lower Upper

168 100

99 58.0 44.7 67.1



Abundance Ion 167.90 (167.60 to 168.60): VN052227.D (-1813) (-)



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN052234.D

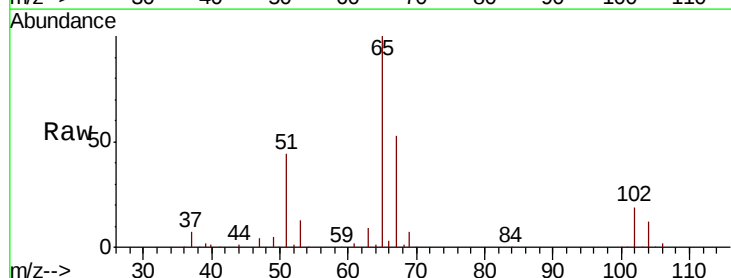
Acq: 9 Nov 2018 18:28

Tgt Ion: 65 Resp: 222153

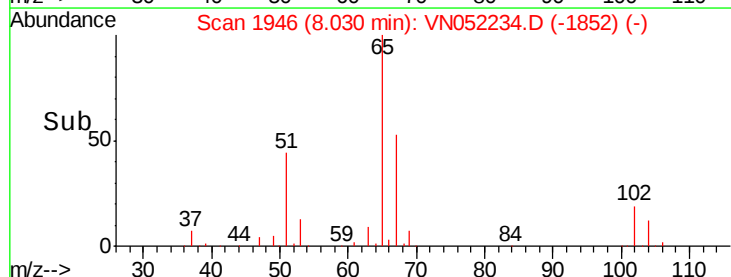
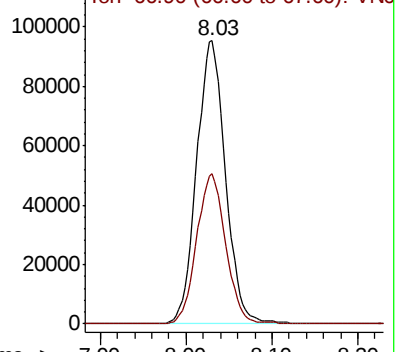
Ion Ratio Lower Upper

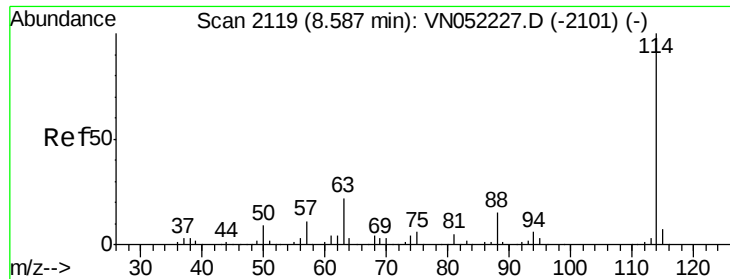
65 100

67 53.3 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VN052227.D (-1927) (-)

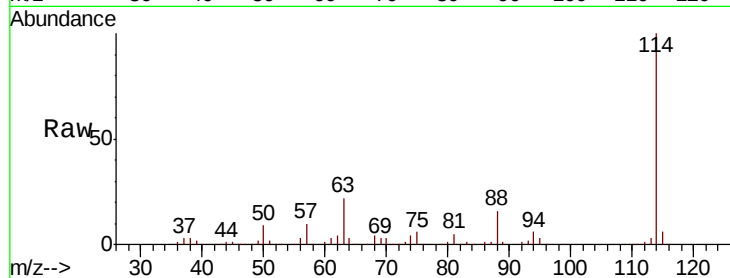




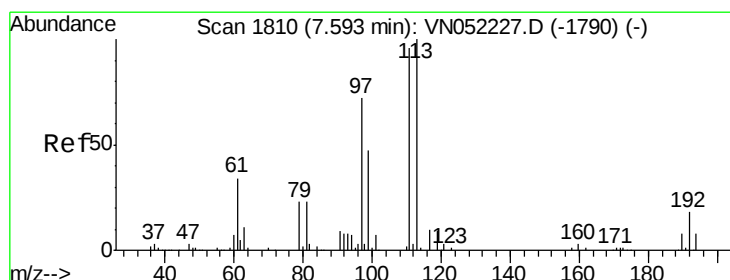
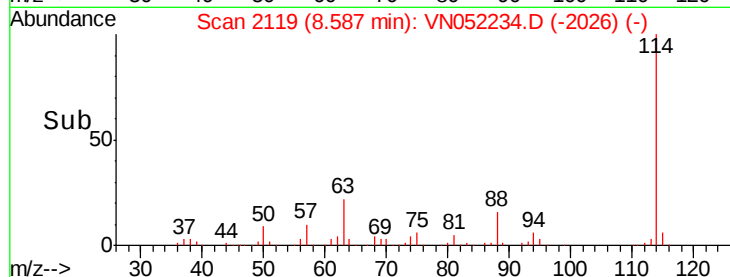
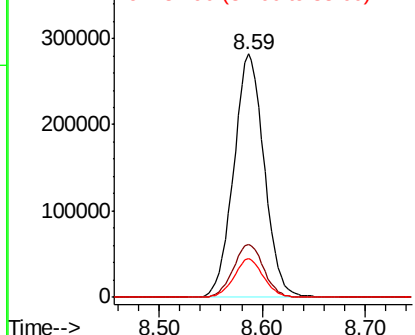
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN052234.D
Acq: 9 Nov 2018 18:28

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tot Ion:114 Resp: 580116
Ion Ratio Lower Upper
114 100
63 21.8 0.0 43.4
88 16.1 0.0 30.2

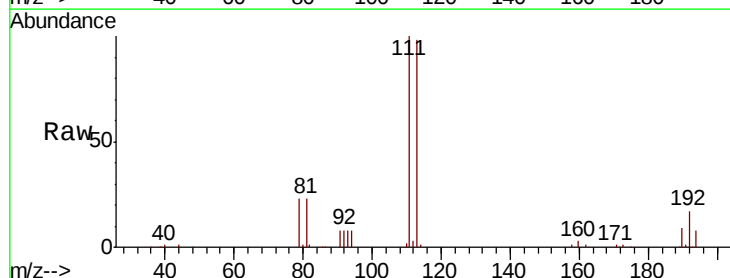


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

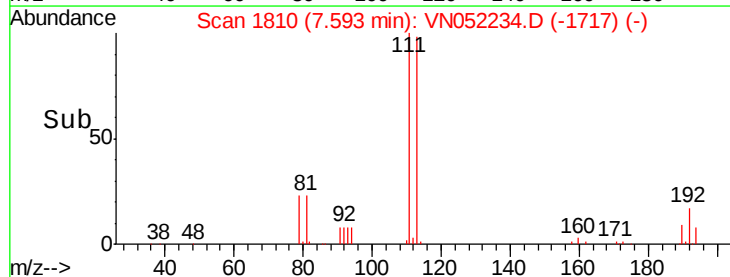
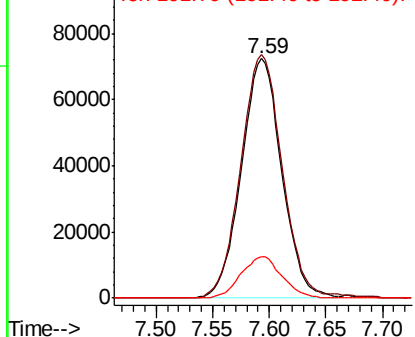


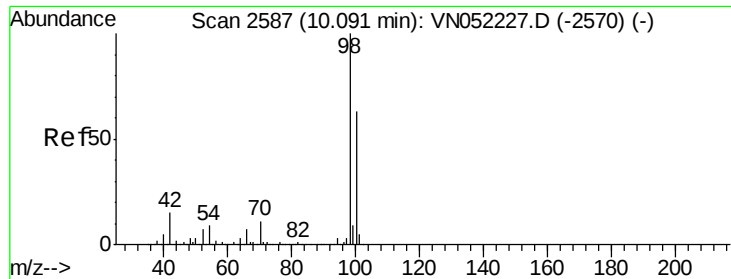
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN052234.D
Acq: 9 Nov 2018 18:28

Tgt Ion:113 Resp: 179435
Ion Ratio Lower Upper
113 100
111 105.3 80.2 120.4
192 17.7 14.1 21.1



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: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052234.D

Acq: 9 Nov 2018 18:28

Instrument :

MSVOA_N

ClientSampleId :

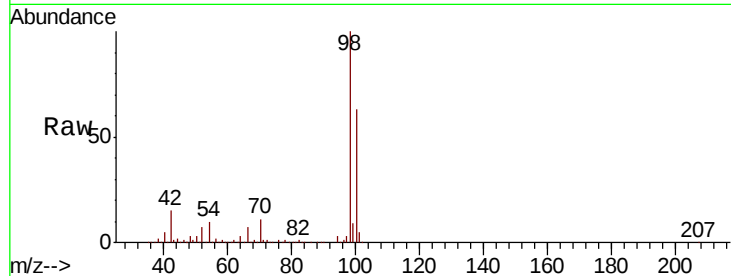
STORAGE-BLANK-WATER-REF-4

Tot Ion: 98 Resp: 704815

Ion Ratio Lower Upper

98 100

100 63.0 50.2 75.2



Abundance Ion 98.00 (97.70 to 98.70): VN052227.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052227.D (-2570) (-)

10.09

400000

300000

200000

100000

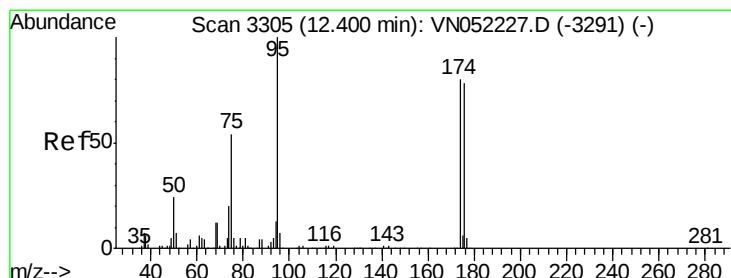
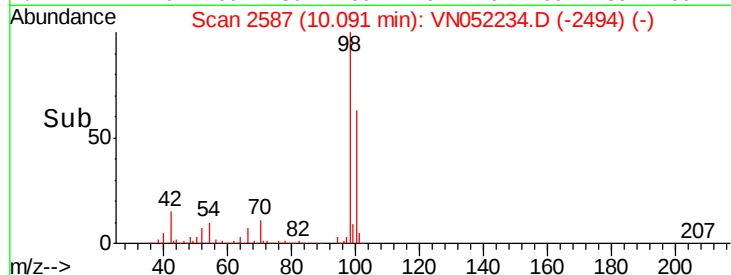
0

Time-->

10.00

10.10

10.20



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052234.D

Acq: 9 Nov 2018 18:28

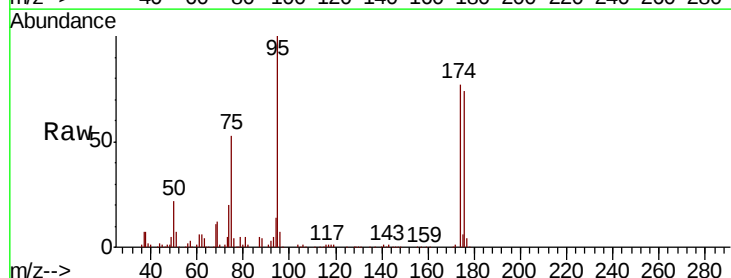
Tgt Ion: 95 Resp: 208440

Ion Ratio Lower Upper

95 100

174 77.2 0.0 159.4

176 74.8 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN052227.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN052227.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN052227.D (-3291) (-)

12.40

150000

100000

50000

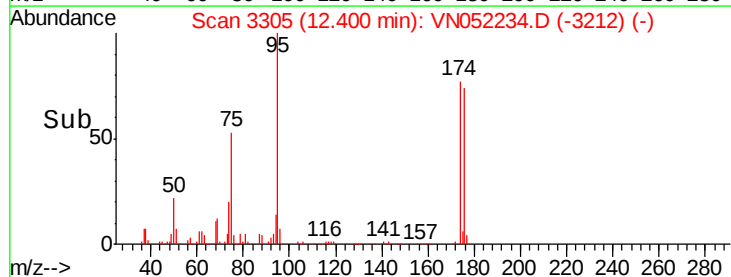
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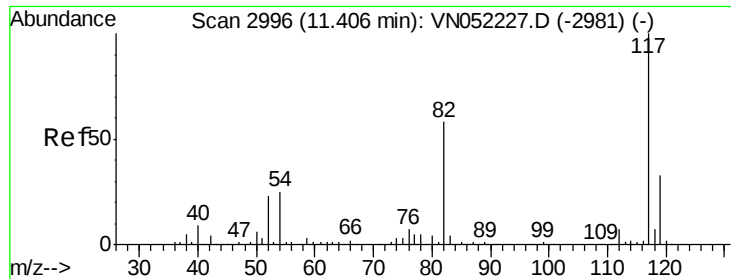
Time-->

12.30

12.40

12.50

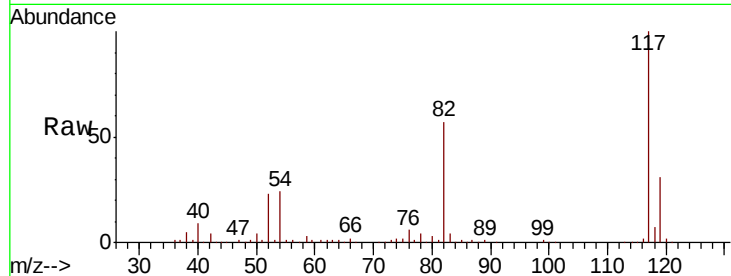




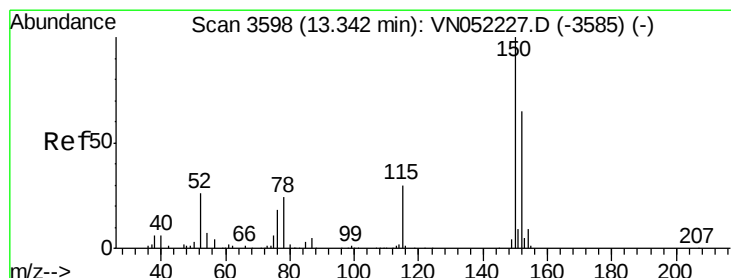
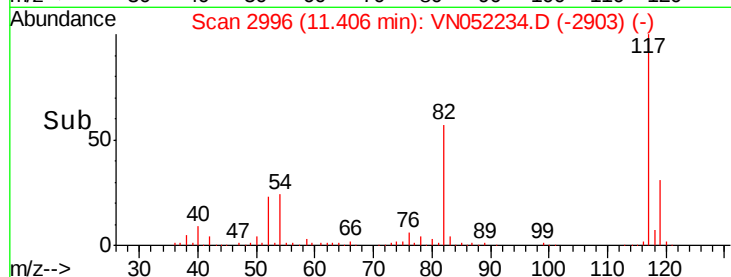
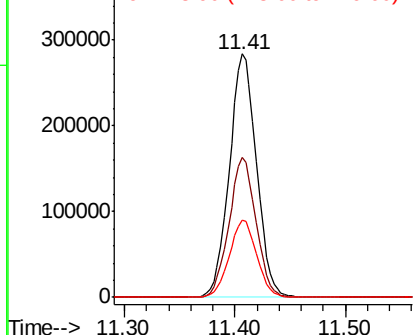
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052234.D
Acq: 9 Nov 2018 18:28

Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Tot Ion:117 Resp: 483405
Ion Ratio Lower Upper
117 100
82 57.3 46.2 69.2
119 31.5 26.2 39.4

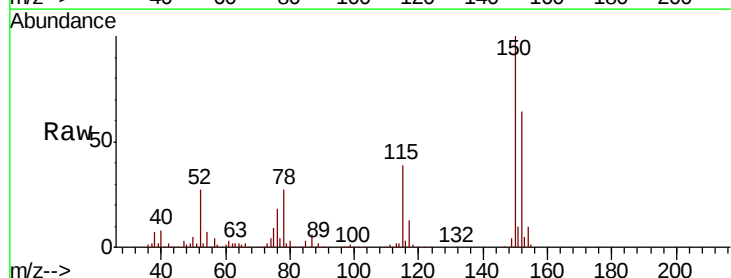


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN052234.D
Acq: 9 Nov 2018 18:28

Tgt Ion:152 Resp: 168696
Ion Ratio Lower Upper
152 100
115 60.7 29.8 89.5
150 160.2 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

