

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091918\
 Data File : VN051320.D
 Acq On : 19 Sep 2018 15:39
 Operator : MD\SY
 Sample : J4937-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGEBLANK-SAMPLEMANAG

Quant Time: Sep 20 02:04:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 18 06:04:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	550889	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	824224	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	688743	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	210815	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	311742	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.14%	
35) Dibromofluoromethane	7.59	113	316770	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
50) Toluene-d8	10.09	98	1116348	47.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.30%	
62) 4-Bromofluorobenzene	12.40	95	290534	38.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.16%	

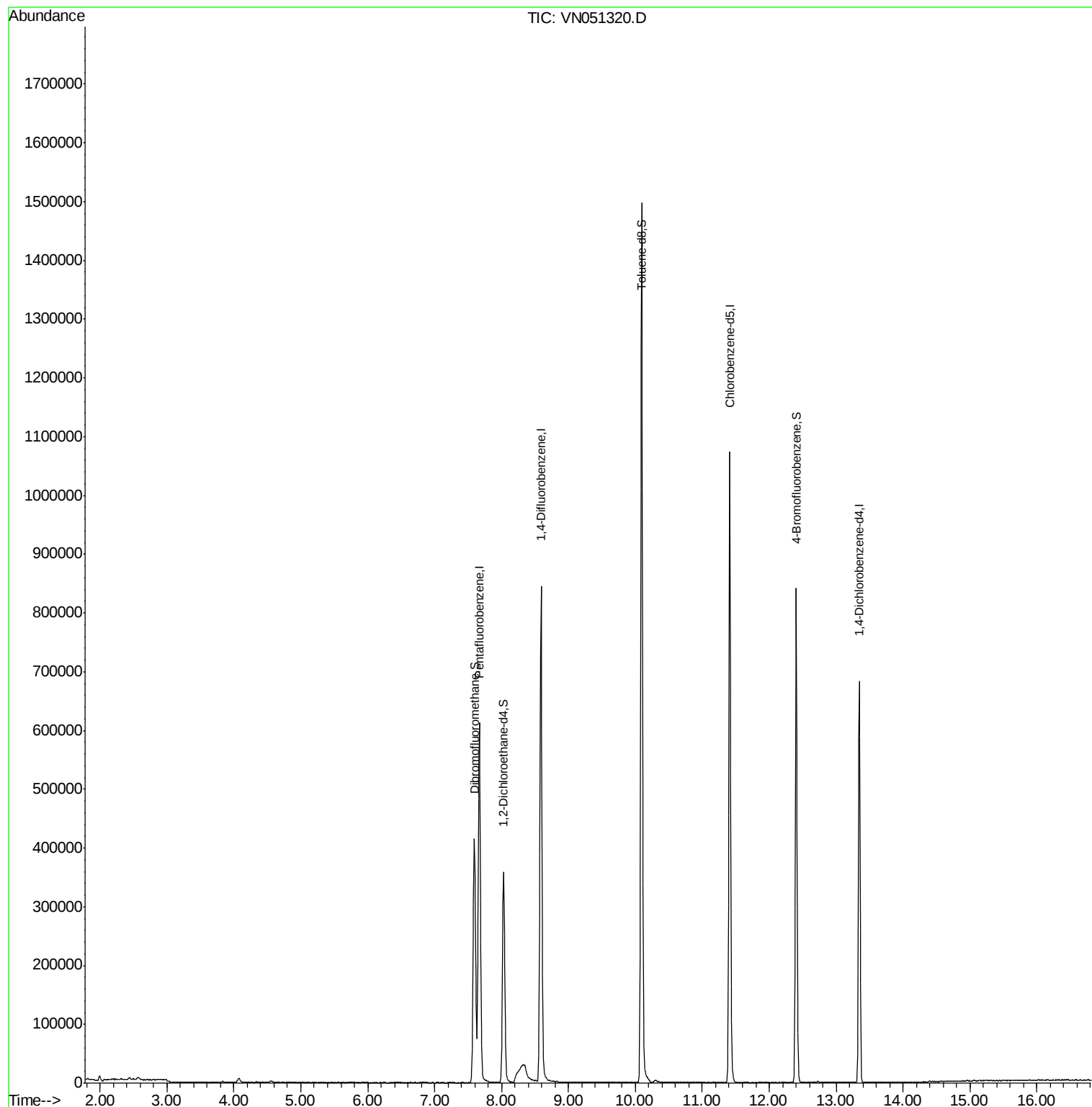
Target Compounds	Qvalue
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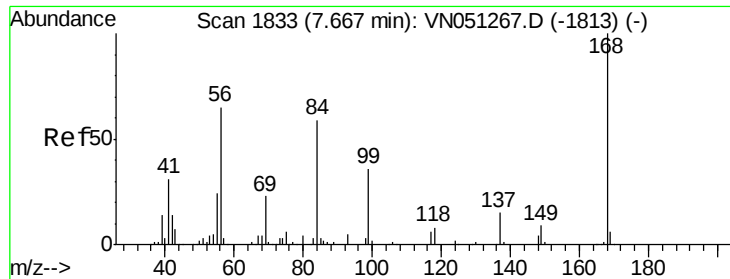
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051320.D

Acq: 19 Sep 2018 15:39

Instrument :

MSVOA_N

ClientSampleId :

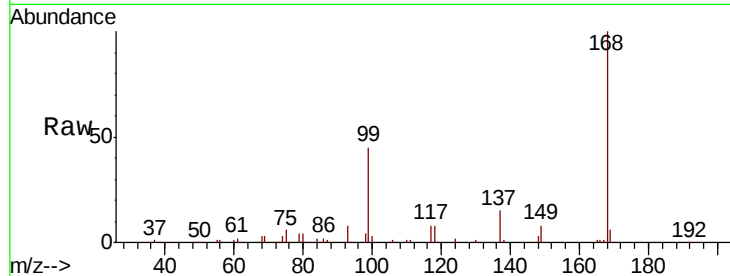
STORAGEBLANK-SAMPLEMANAG

Tot Ion:168 Resp: 550889

Ion Ratio Lower Upper

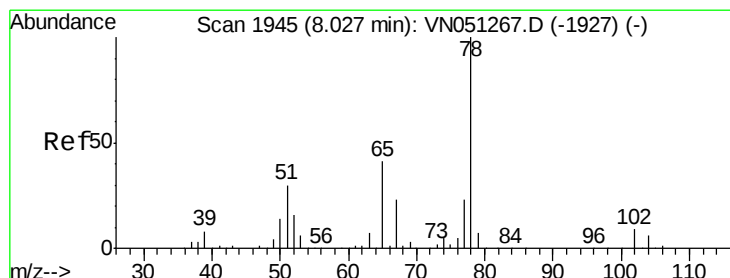
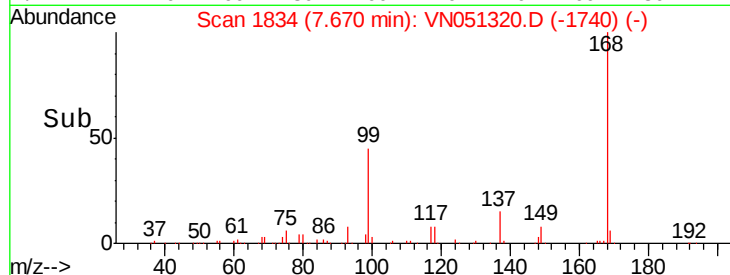
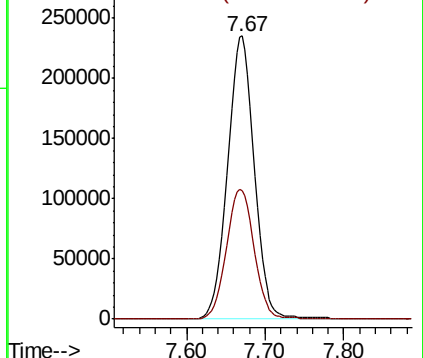
168 100

99 45.4 38.2 57.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#33

1,2-Dichloroethane-d4

Concen: 52.07 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051320.D

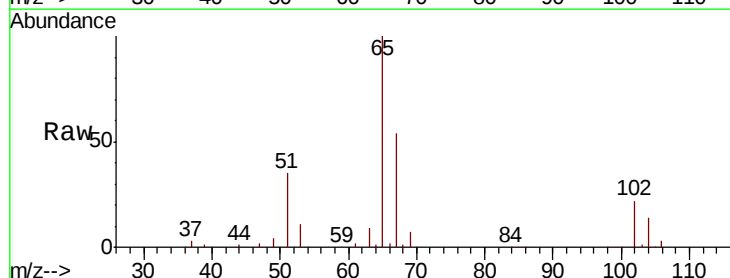
Acq: 19 Sep 2018 15:39

Tgt Ion: 65 Resp: 311742

Ion Ratio Lower Upper

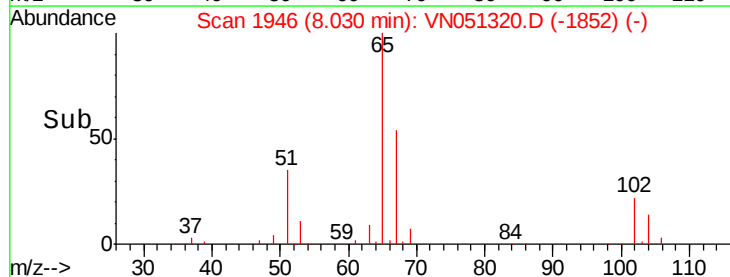
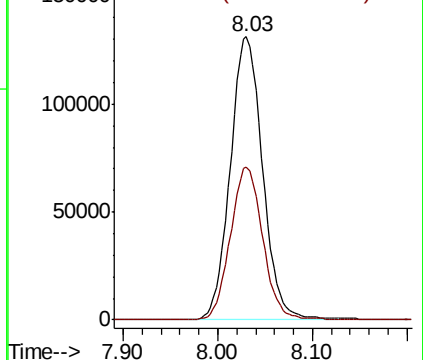
65 100

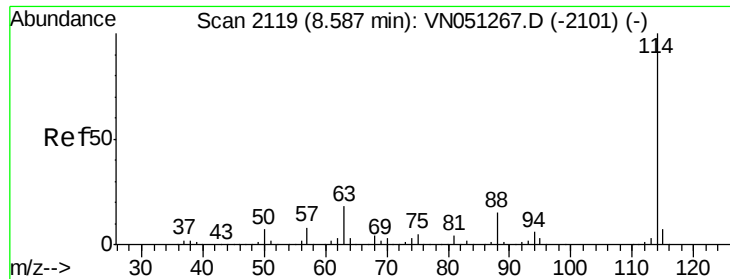
67 54.3 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

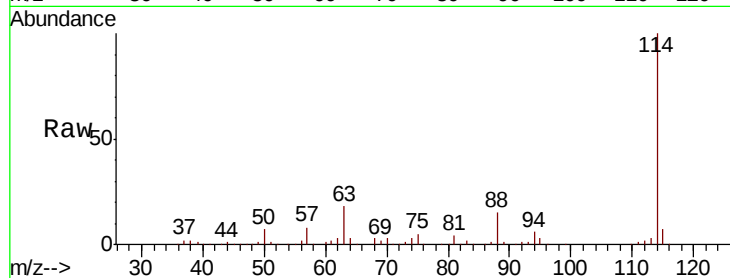




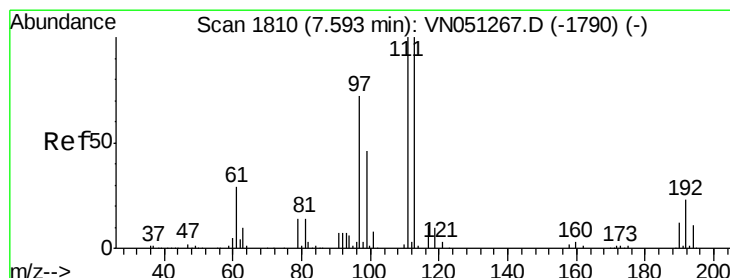
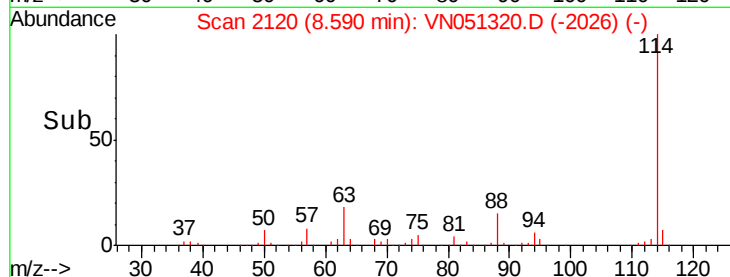
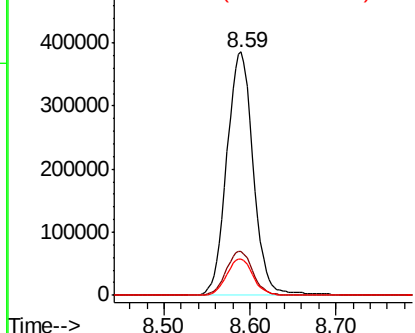
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN051320.D
 Acq: 19 Sep 2018 15:39

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGEBLANK-SAMPLEMANAG

Tot Ion:114 Resp: 824224
 Ion Ratio Lower Upper
 114 100
 63 18.1 0.0 36.8
 88 15.1 0.0 30.8

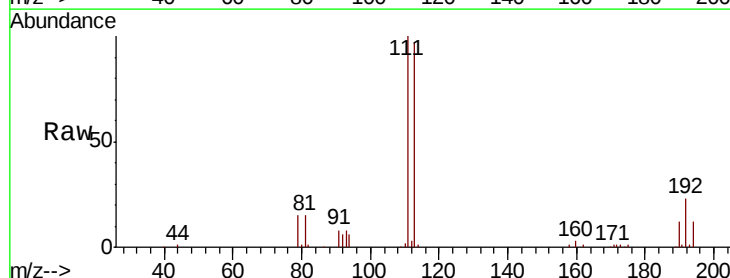


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

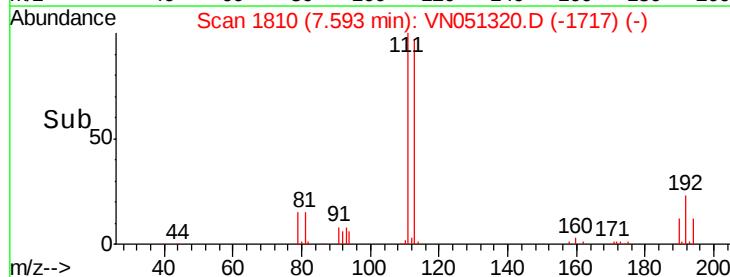
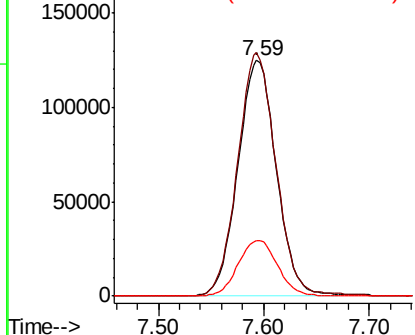


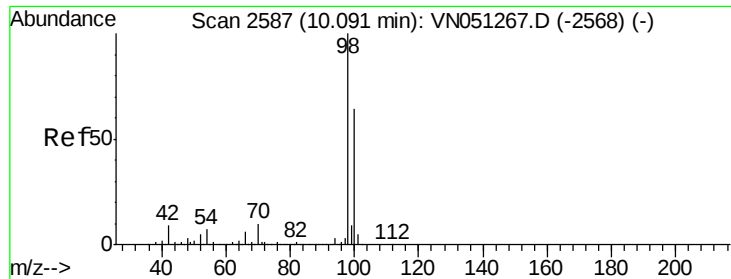
#35
 Dibromofluoromethane
 Concen: 49.46 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051320.D
 Acq: 19 Sep 2018 15:39

Tgt Ion:113 Resp: 316770
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.2 123.4
 192 24.2 19.0 28.6



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: 47.15 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051320.D

Acq: 19 Sep 2018 15:39

Instrument :

MSVOA_N

ClientSampleId :

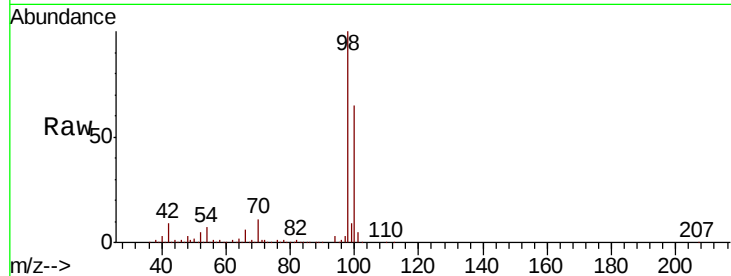
STORAGE\BLANK-SAMPLE\MANAG

Tot Ion: 98 Resp: 1116348

Ion Ratio Lower Upper

98 100

100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN051320.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN051320.D (-2494) (-)

10.09

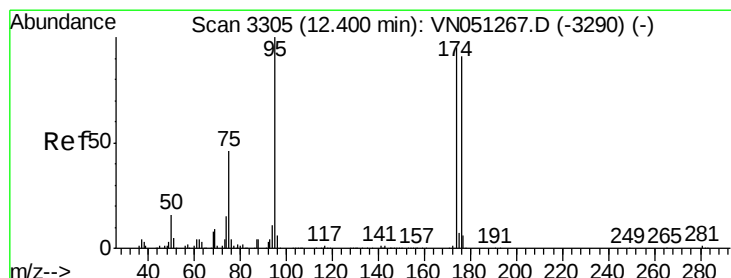
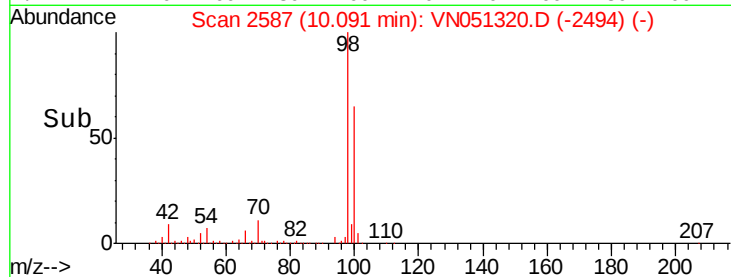
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 38.58 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051320.D

Acq: 19 Sep 2018 15:39

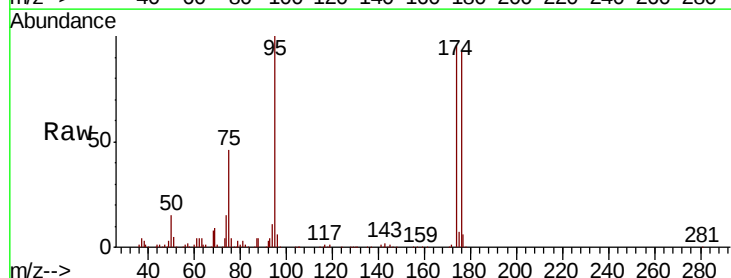
Tgt Ion: 95 Resp: 290534

Ion Ratio Lower Upper

95 100

174 96.6 0.0 189.6

176 93.2 0.0 182.6



Abundance Ion 94.90 (94.60 to 95.60): VN051320.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN051320.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN051320.D (-3212) (-)

12.40

200000

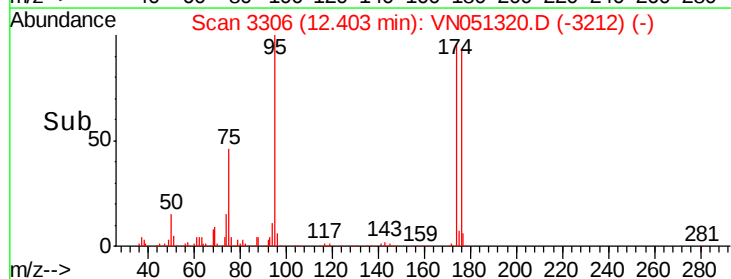
150000

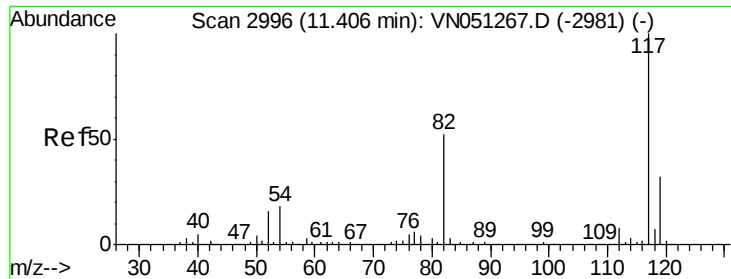
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051320.D

Acq: 19 Sep 2018 15:39

Instrument :

MSVOA_N

ClientSampleId :

STORAGEBLANK-SAMPLEMANAG

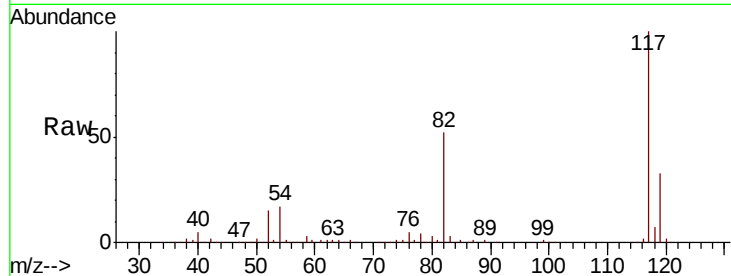
Tot Ion:117 Resp: 688743

Ion Ratio Lower Upper

117 100

82 52.4 41.8 62.8

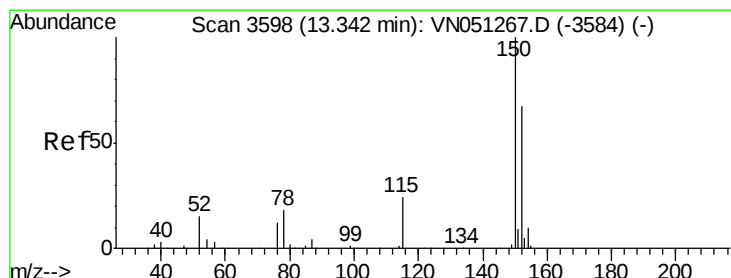
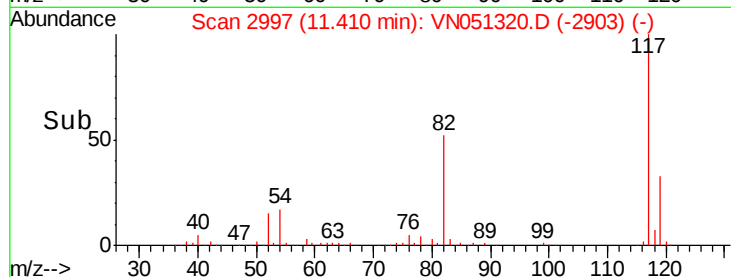
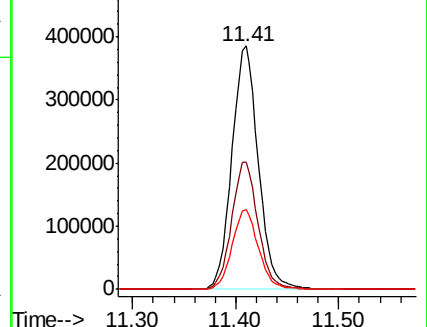
119 32.8 25.6 38.4



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: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051320.D

Acq: 19 Sep 2018 15:39

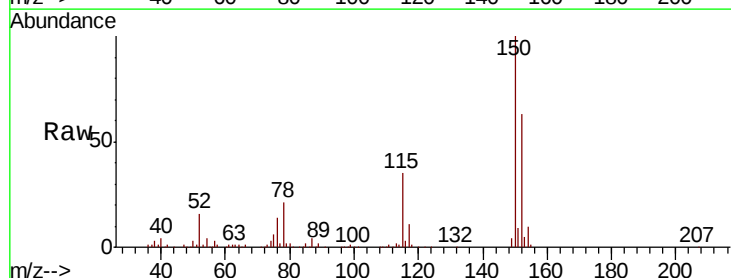
Tgt Ion:152 Resp: 210815

Ion Ratio Lower Upper

152 100

115 55.1 27.1 81.2

150 158.2 0.0 349.0



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

