

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091918\
 Data File : VN051319.D
 Acq On : 19 Sep 2018 15:14
 Operator : MD\SY
 Sample : J4937-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE BLANK-WATERREF-4

Quant Time: Sep 20 02:02:43 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	542010	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	812098	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	675516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	207217	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	306752	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
35) Dibromofluoromethane	7.59	113	312368	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
50) Toluene-d8	10.09	98	1100298	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	
62) 4-Bromofluorobenzene	12.40	95	279304	37.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.30%	

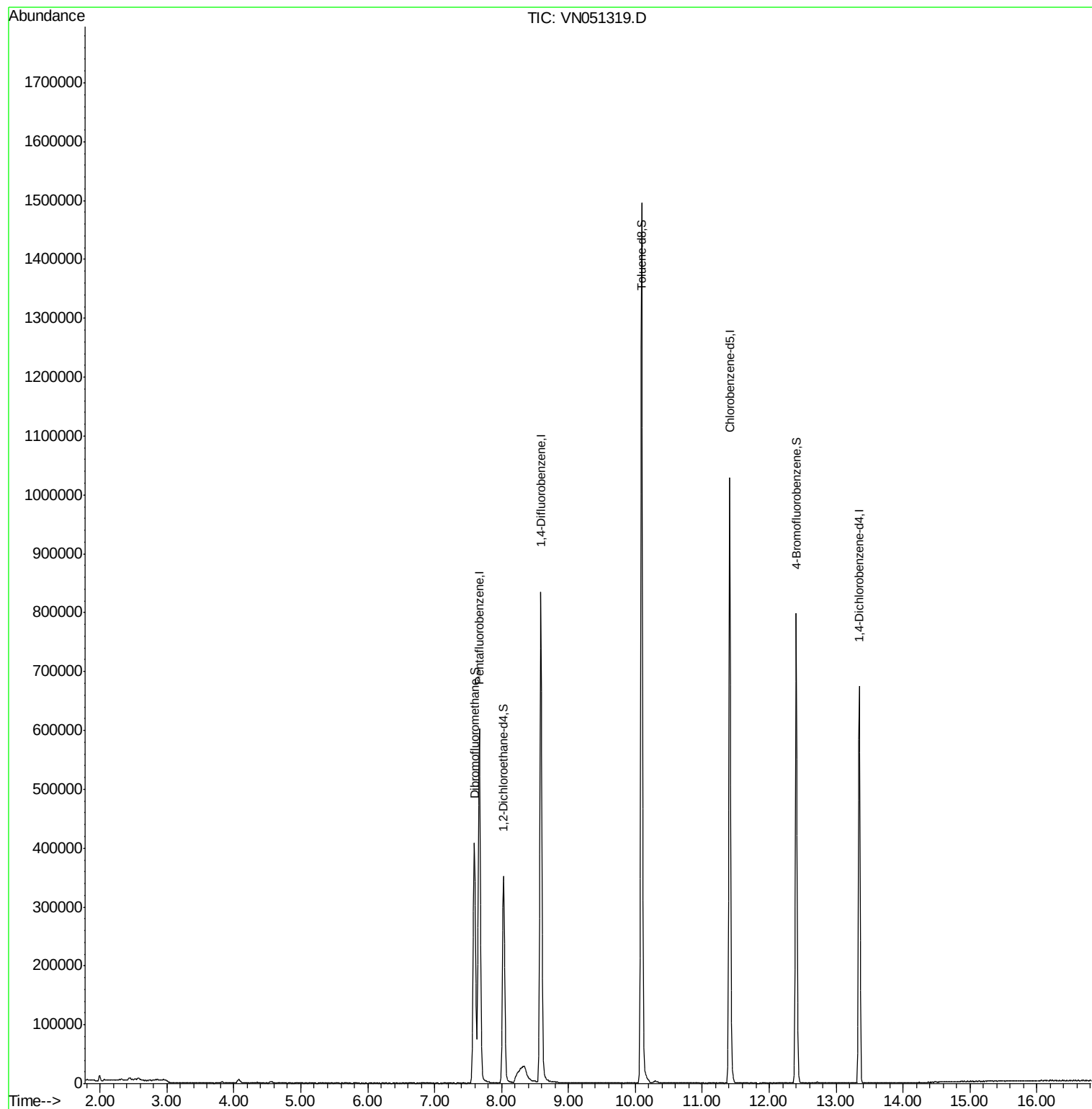
Target Compounds	Qvalue

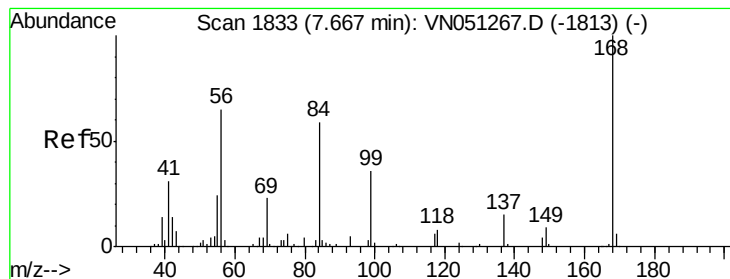
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051319.D

Acq: 19 Sep 2018 15:14

Instrument :

MSVOA_N

ClientSampleId :

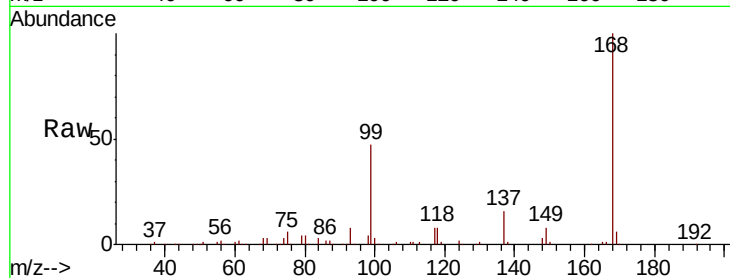
STORAGEBLANK-WATERREF-4

Tot Ion:168 Resp: 542010

Ion Ratio Lower Upper

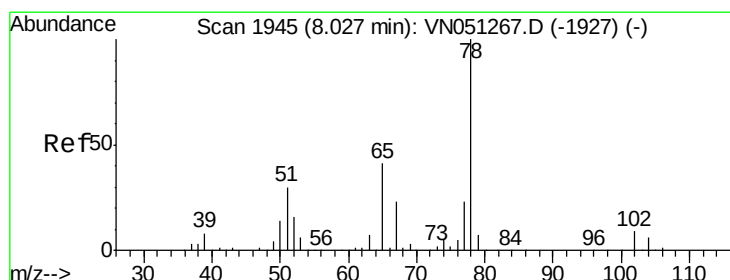
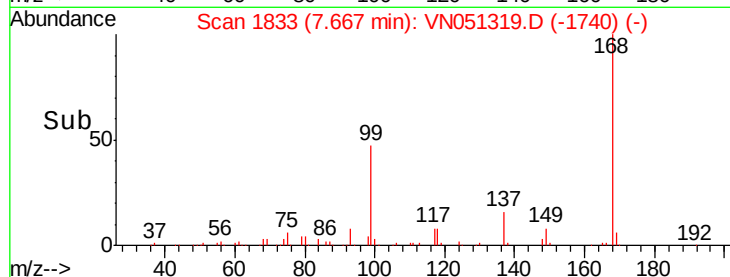
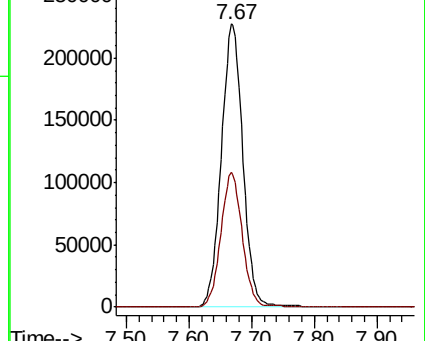
168 100

99 47.4 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: 52.08 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051319.D

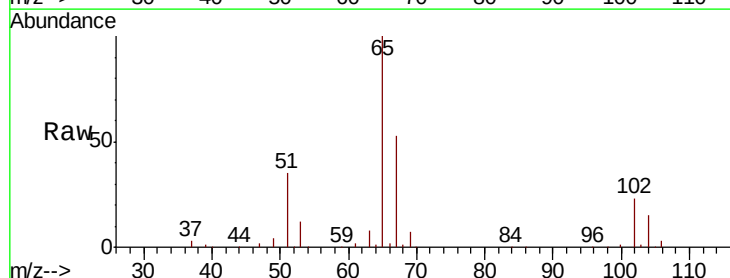
Acq: 19 Sep 2018 15:14

Tgt Ion: 65 Resp: 306752

Ion Ratio Lower Upper

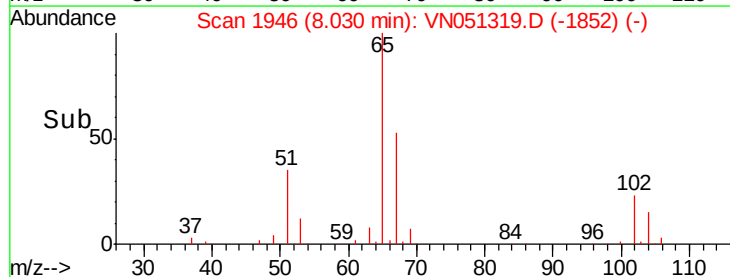
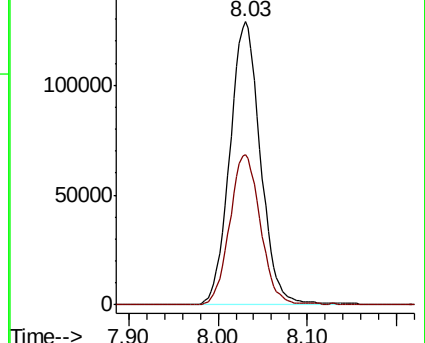
65 100

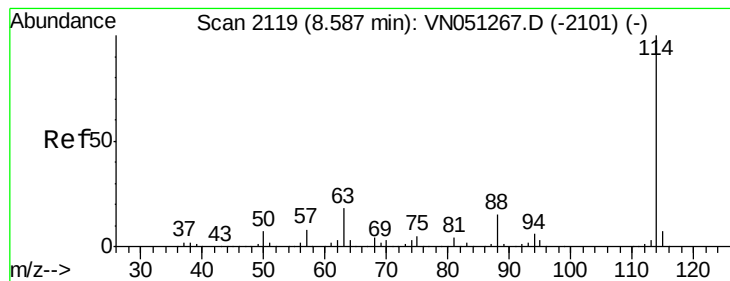
67 53.3 0.0 111.0



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# 2119

Delta R.T. 0.00 min

Lab File: VN051319.D

Acq: 19 Sep 2018 15:14

Instrument :

MSVOA_N

ClientSampleId :

STORAGEBLANK-WATERREF-4

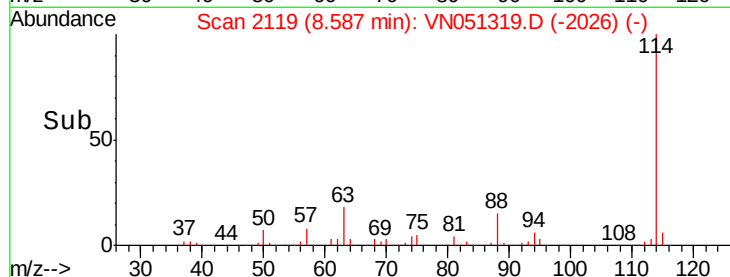
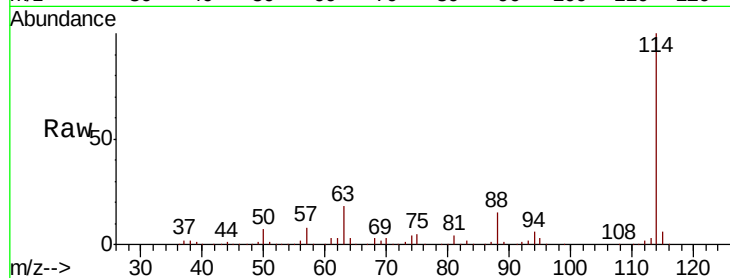
Tot Ion:114 Resp: 812098

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.8

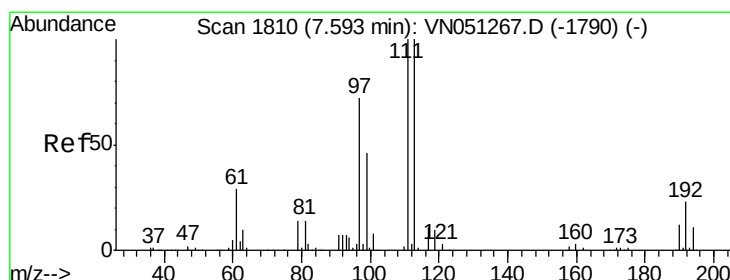
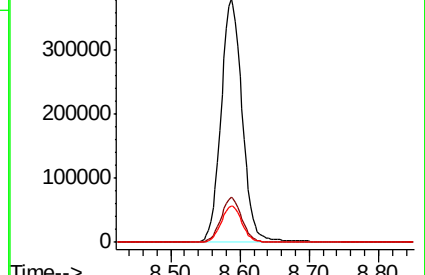
88 15.1 0.0 30.8



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: 49.50 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051319.D

Acq: 19 Sep 2018 15:14

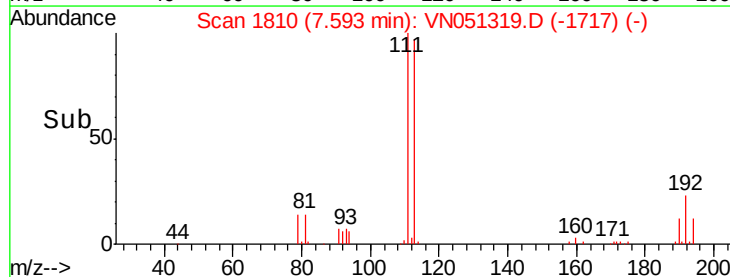
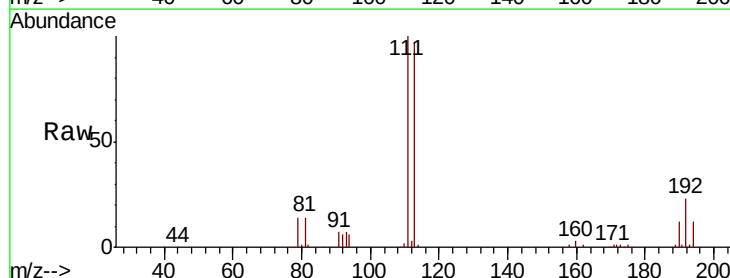
Tgt Ion:113 Resp: 312368

Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

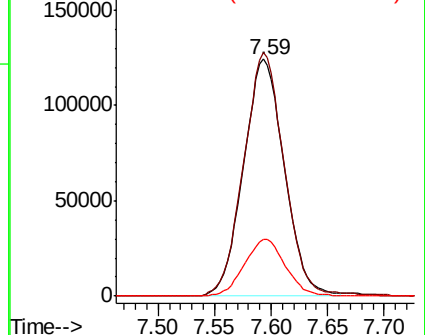
192 24.1 19.0 28.6

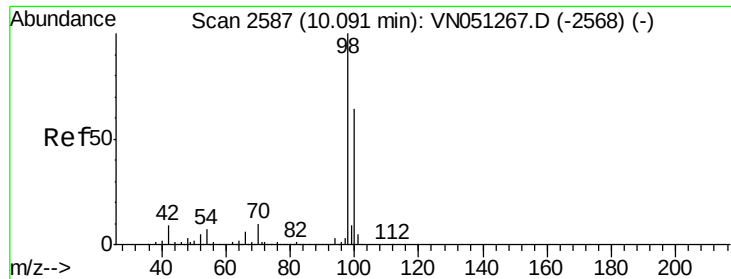


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.17 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051319.D

Acq: 19 Sep 2018 15:14

Instrument :

MSVOA_N

ClientSampleId :

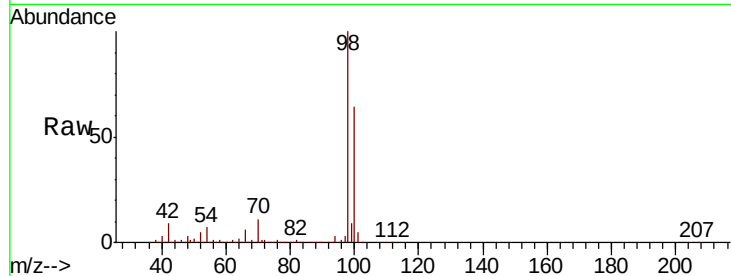
STORAGEBLANK-WATERREF-4

Tot Ion: 98 Resp: 1100298

Ion Ratio Lower Upper

98 100

100 63.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN051267.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN051267.D (-2568) (-)

10.09

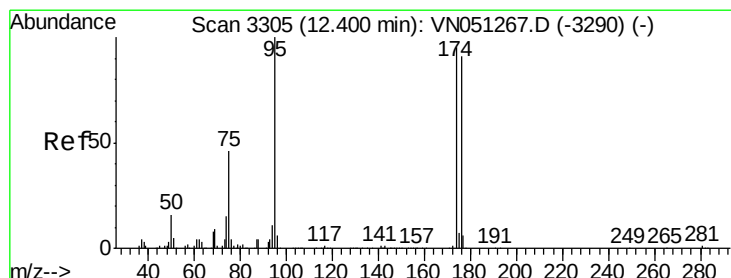
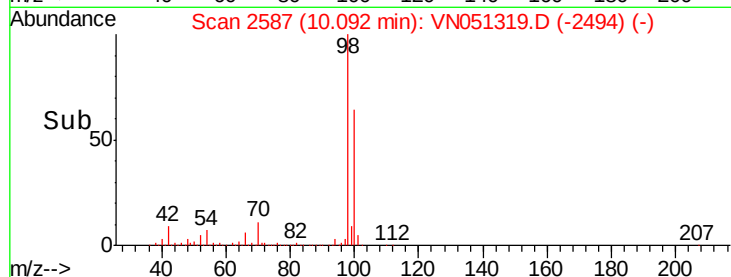
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 37.65 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051319.D

Acq: 19 Sep 2018 15:14

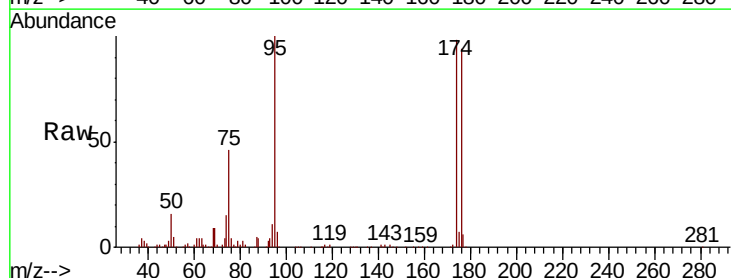
Tgt Ion: 95 Resp: 279304

Ion Ratio Lower Upper

95 100

174 97.1 0.0 189.6

176 94.2 0.0 182.6



Abundance Ion 94.90 (94.60 to 95.60): VN051267.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051267.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051267.D (-3290) (-)

12.40

200000

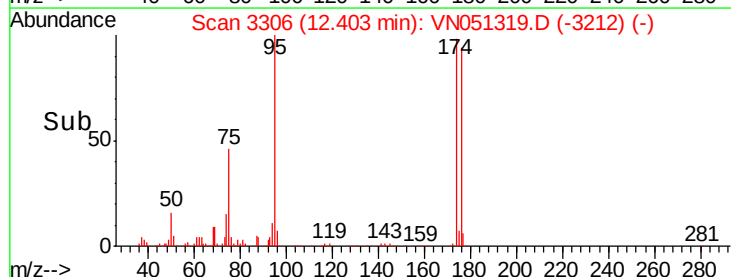
150000

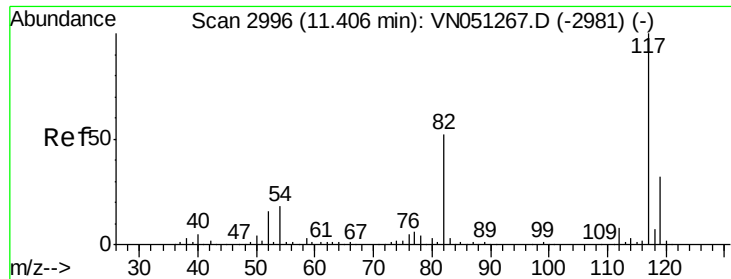
100000

50000

0

Time-->

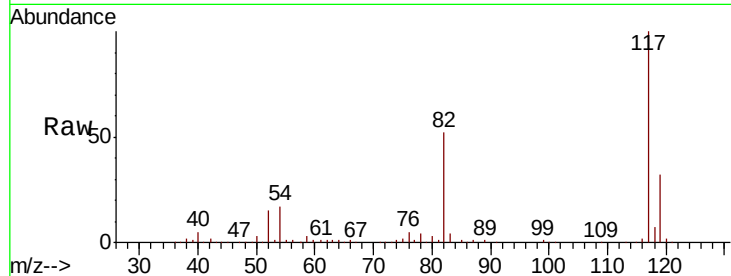




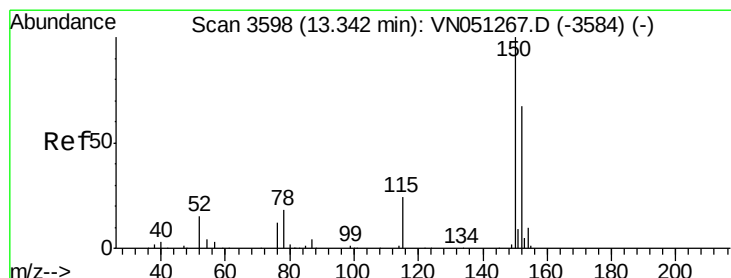
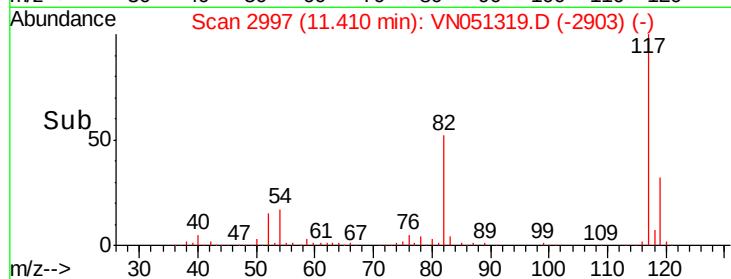
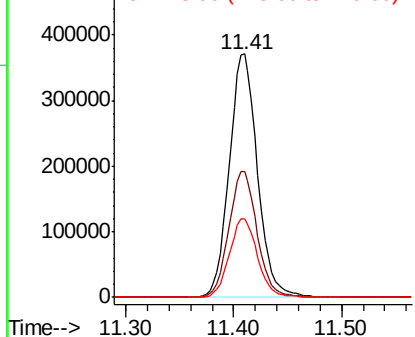
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051319.D
Acq: 19 Sep 2018 15:14

Instrument :
MSVOA_N
ClientSampleId :
STORAGEBLANK-WATERREF-4

Tot Ion:117 Resp: 675516
Ion Ratio Lower Upper
117 100
82 51.6 41.8 62.8
119 32.4 25.6 38.4

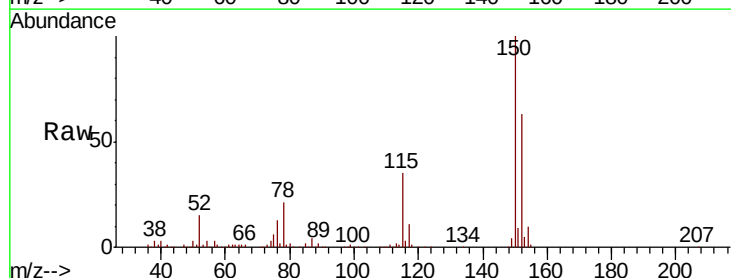


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051319.D
Acq: 19 Sep 2018 15:14

Tgt Ion:152 Resp: 207217
Ion Ratio Lower Upper
152 100
115 54.9 27.1 81.2
150 158.5 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

