

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101718\
 Data File : VN051904.D
 Acq On : 17 Oct 2018 11:26
 Operator : MD\SY
 Sample : I.BLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Quant Time: Oct 19 04:59:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 19 04:38:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	944136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1342532	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1141940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	401783	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	473814	54.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.26%	
35) Dibromofluoromethane	7.59	113	498972	58.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.94%	
50) Toluene-d8	10.09	98	1802228	58.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.04%	
62) 4-Bromofluorobenzene	12.40	95	503401	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	

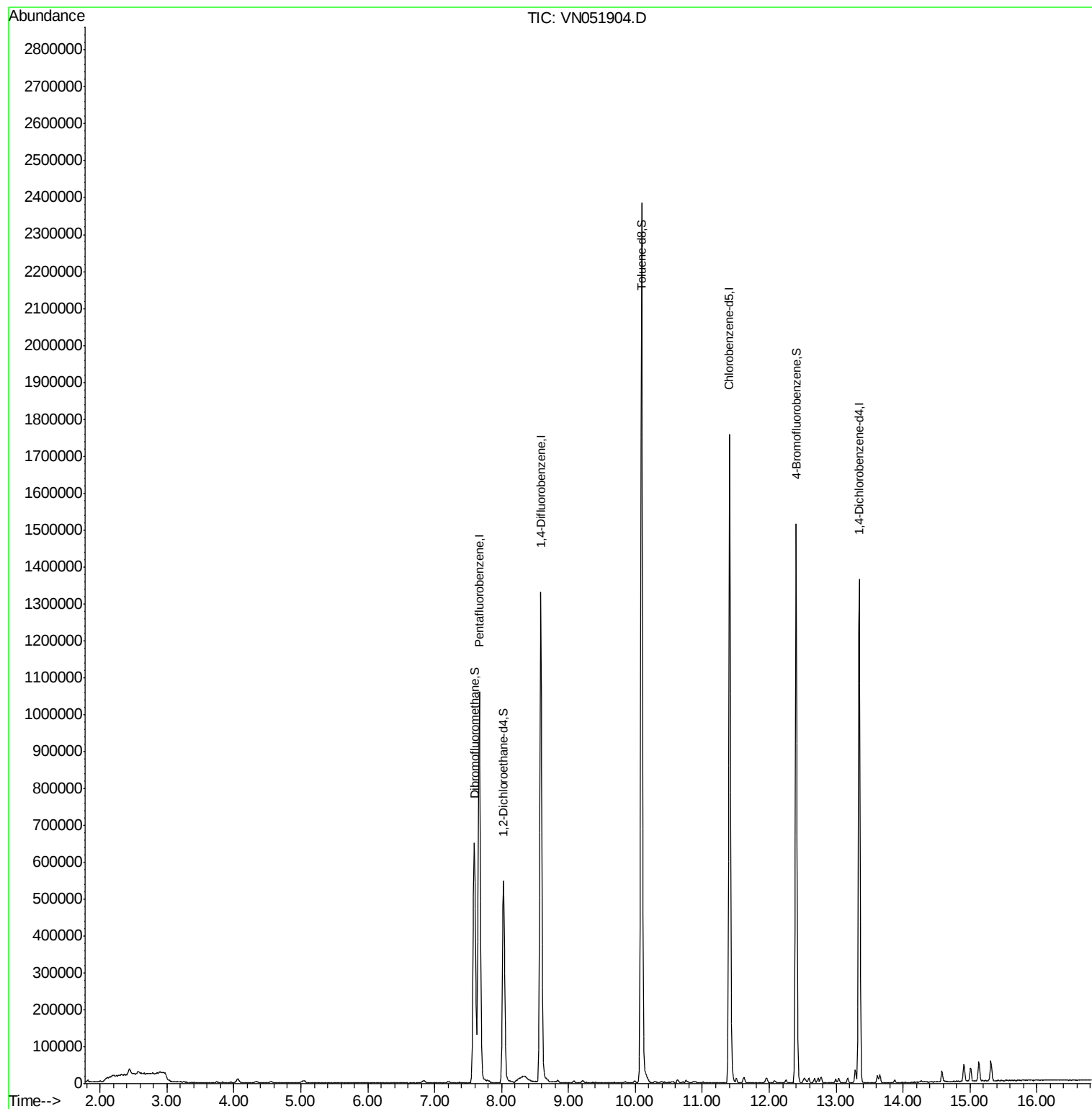
Target Compounds	Qvalue
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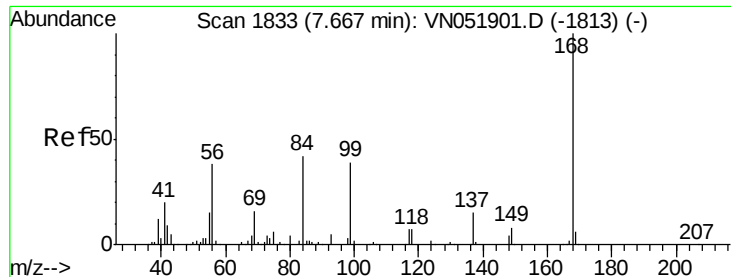
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051904.D

Acq: 17 Oct 2018 11:26

Instrument :

MSVOA_N

ClientSampled :

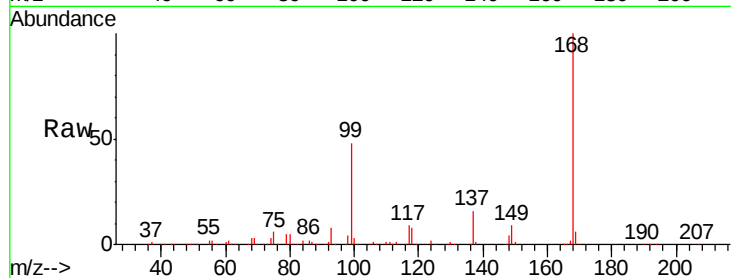
I.BLK

Tgt Ion: 168 Resp: 944136

Ion Ratio Lower Upper

168 100

99 47.7 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

400000

300000

200000

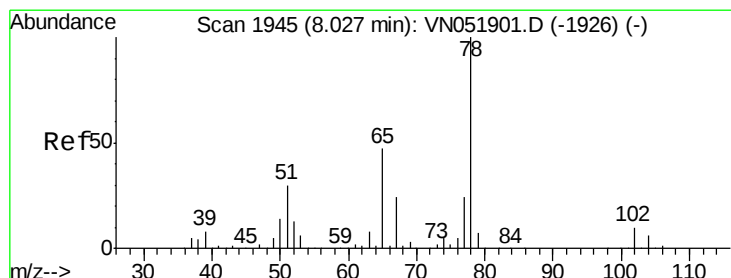
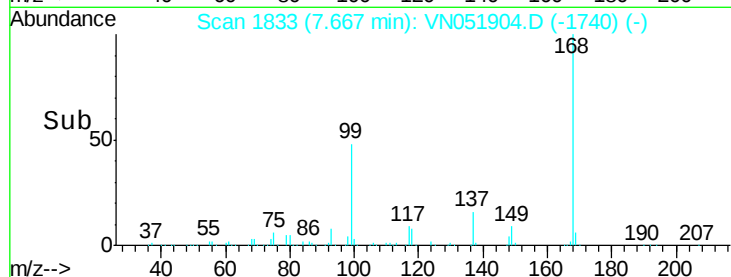
100000

0

7.60

7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051904.D

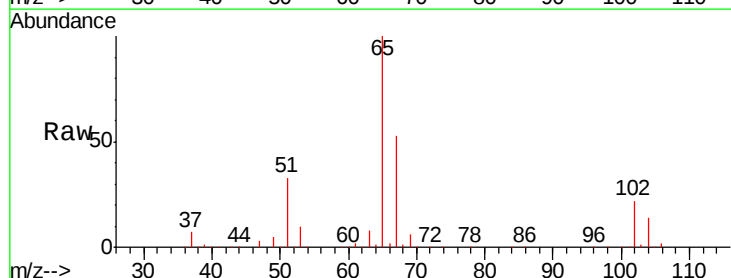
Acq: 17 Oct 2018 11:26

Tgt Ion: 65 Resp: 473814

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.03

200000

150000

100000

50000

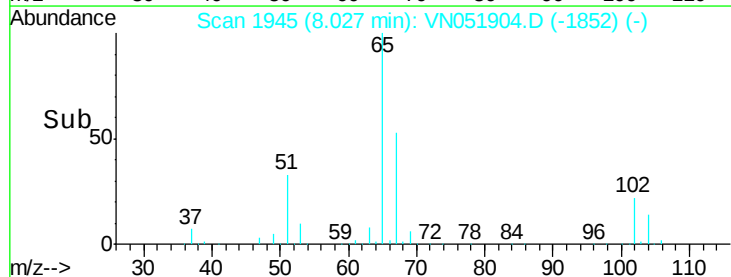
0

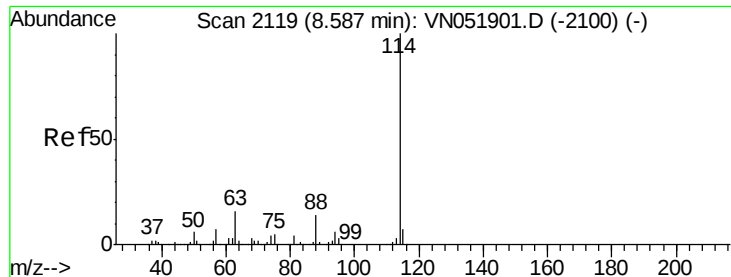
7.90

8.00

8.10

Time-->

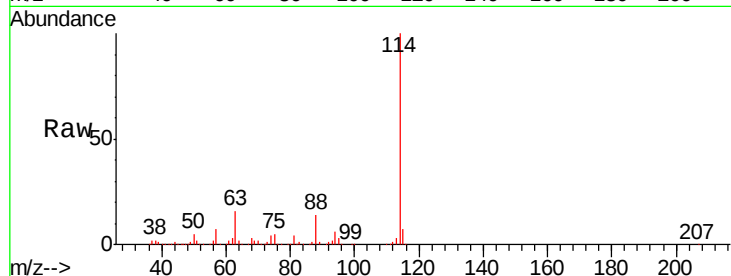




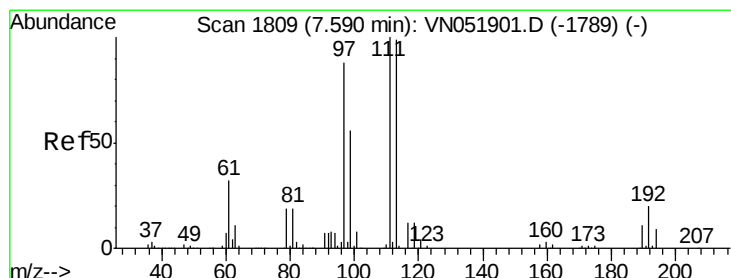
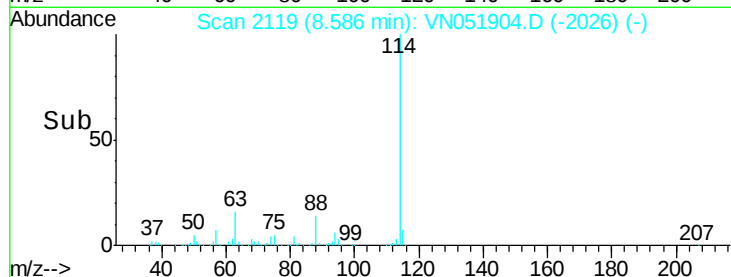
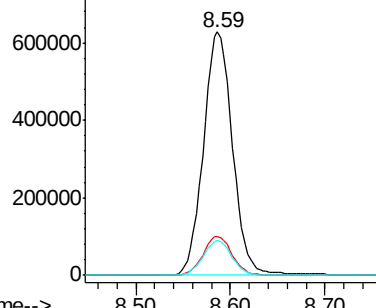
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN051904.D
Acq: 17 Oct 2018 11:26

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Tgt Ion:114 Resp: 1342532
Ion Ratio Lower Upper
114 100
63 16.0 0.0 31.8
88 14.2 0.0 28.0

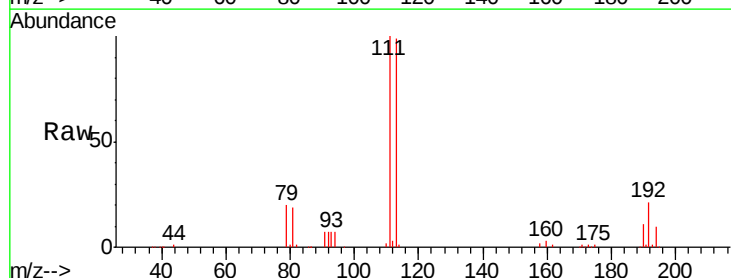


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

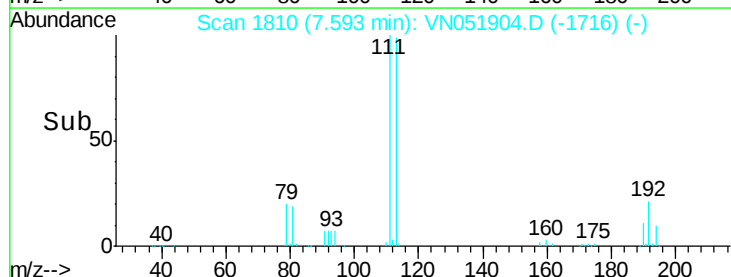
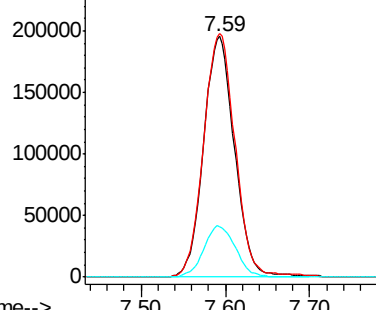


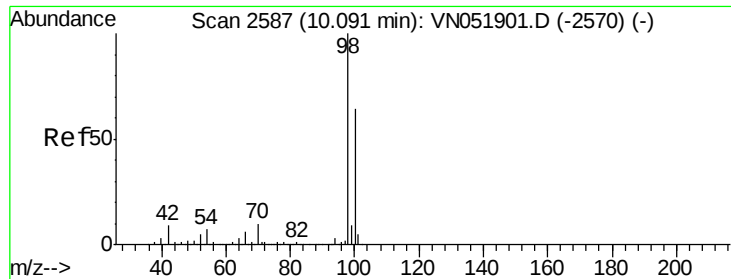
#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051904.D
Acq: 17 Oct 2018 11:26

Tgt Ion:113 Resp: 498972
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 21.8 17.3 25.9



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: VN051904.D

Acq: 17 Oct 2018 11:26

Instrument :

MSVOA_N

ClientSampled :

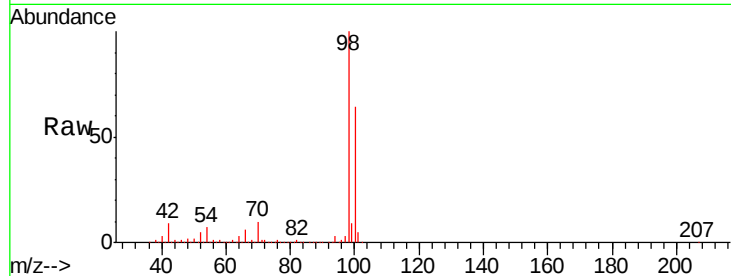
I.BLK

Tgt Ion: 98 Resp: 1802228

Ion Ratio Lower Upper

98 100

100 64.0 51.0 76.4



Abundance Ion 98.00 (97.70 to 98.70): VN051901.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN051901.D (-2570) (-)

10.09

800000

600000

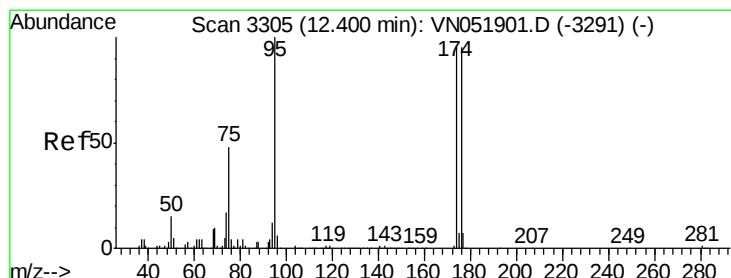
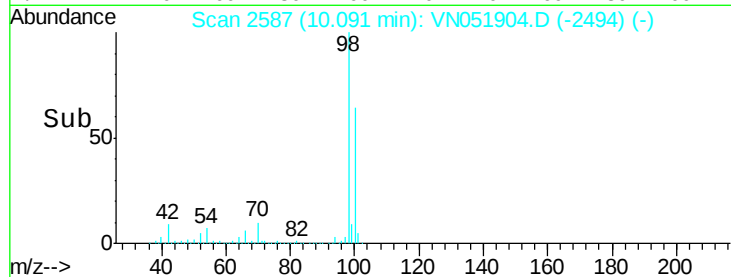
400000

200000

0

10.00 10.10 10.20 10.30

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051904.D

Acq: 17 Oct 2018 11:26

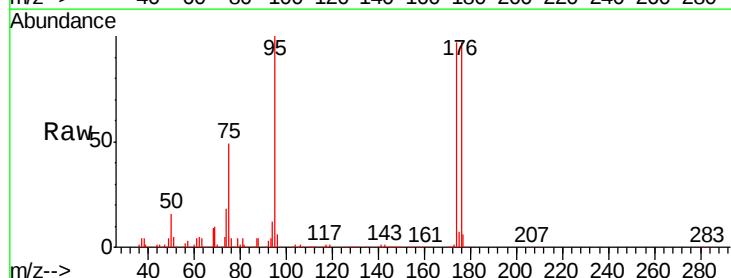
Tgt Ion: 95 Resp: 503401

Ion Ratio Lower Upper

95 100

174 96.6 0.0 195.0

176 94.4 0.0 191.4



Abundance Ion 94.90 (94.60 to 95.60): VN051901.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN051901.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN051901.D (-3291) (-)

12.40

400000

300000

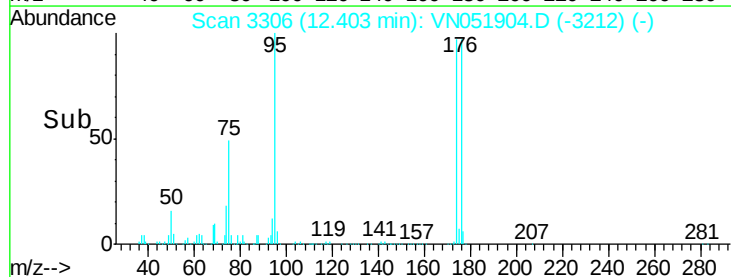
200000

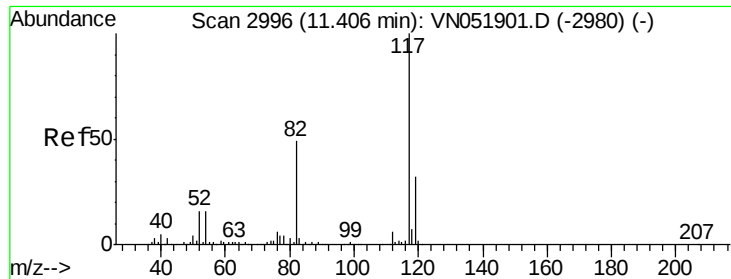
100000

0

12.30 12.40 12.50

Time-->

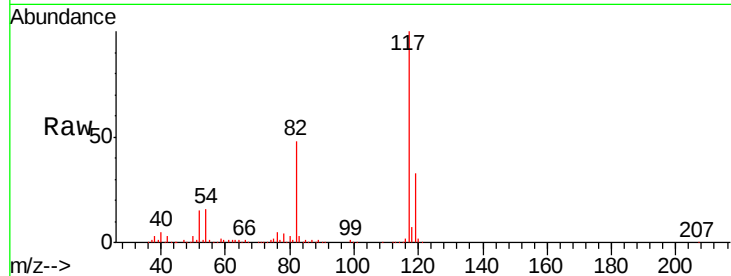




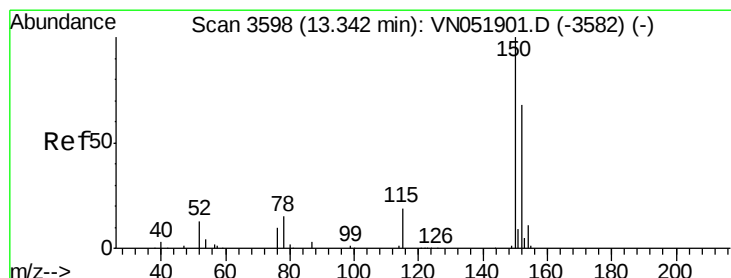
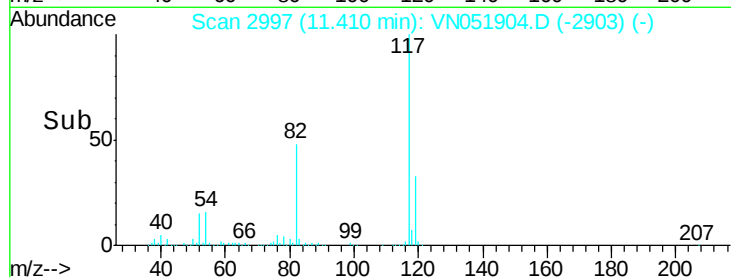
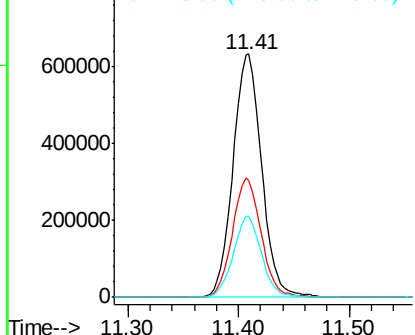
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051904.D
Acq: 17 Oct 2018 11:26

Instrument :
MSVOA_N
ClientSampled :
I.BLK

Tgt Ion:117 Resp: 1141940
Ion Ratio Lower Upper
117 100
82 48.0 38.9 58.3
119 33.4 25.9 38.9

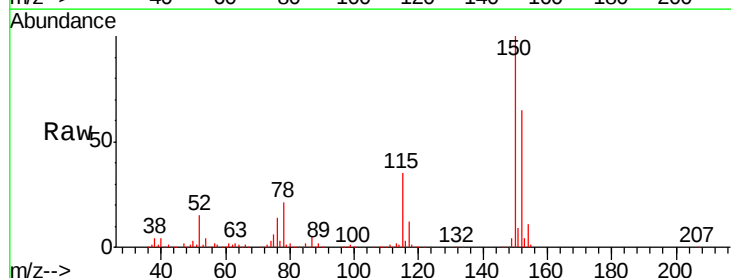


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051904.D
Acq: 17 Oct 2018 11:26

Tgt Ion:152 Resp: 401783
Ion Ratio Lower Upper
152 100
115 54.2 26.7 80.1
150 155.2 0.0 346.4



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

