

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100818\
 Data File : VN051720.D
 Acq On : 8 Oct 2018 8:49
 Operator : MD\SY
 Sample : VN1008WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1008WBL01

Quant Time: Oct 09 04:15:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 05 02:22:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	786088	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1138888	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	985979	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	344244	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	473532	45.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.20%	
35) Dibromofluoromethane	7.59	113	432872	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.32%	
50) Toluene-d8	10.09	98	1600633	48.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.46%	
62) 4-Bromofluorobenzene	12.40	95	446543	38.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.80%	

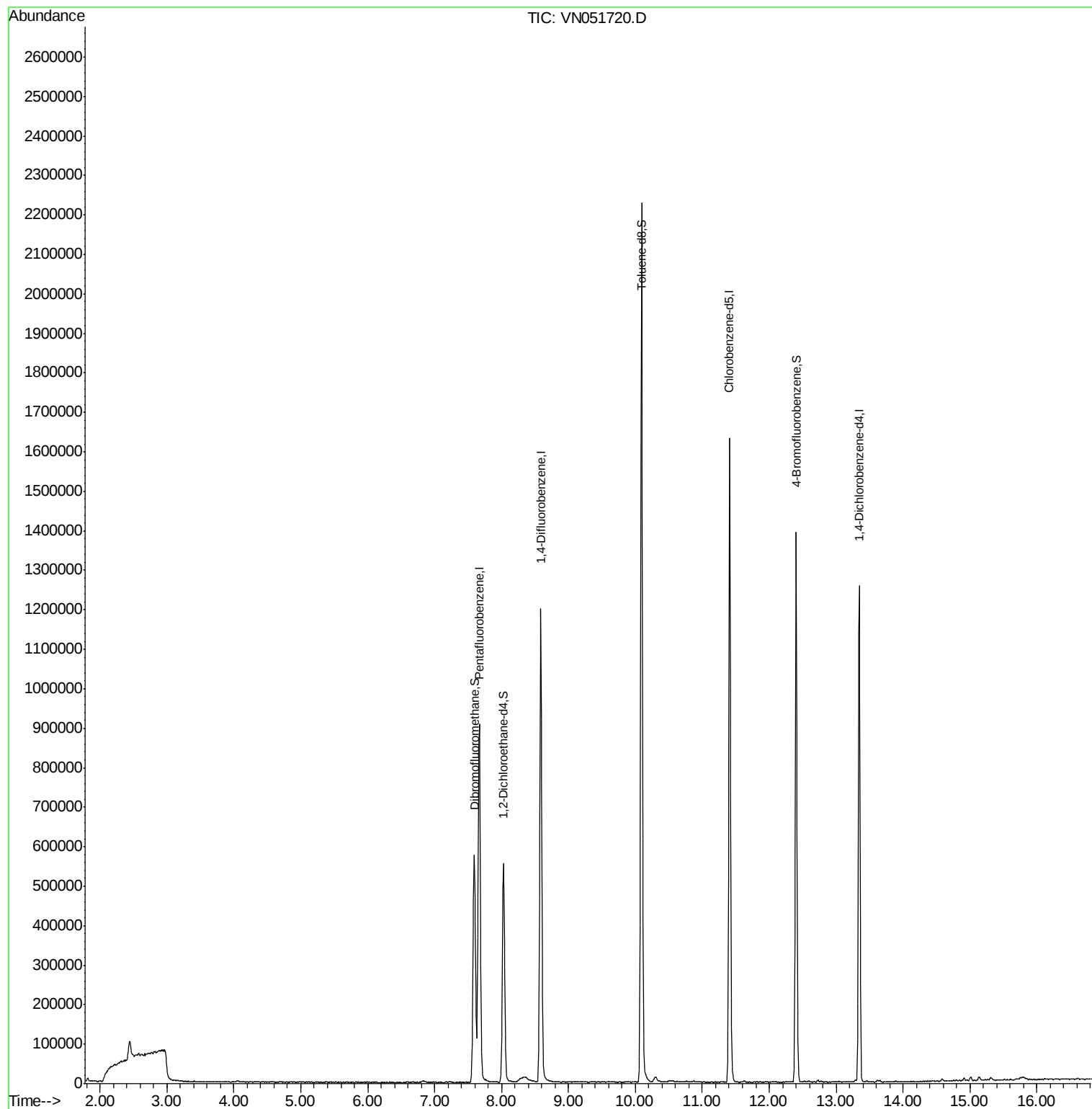
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051720.D

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Instrument :

MSVOA_N

ClientSampleId :

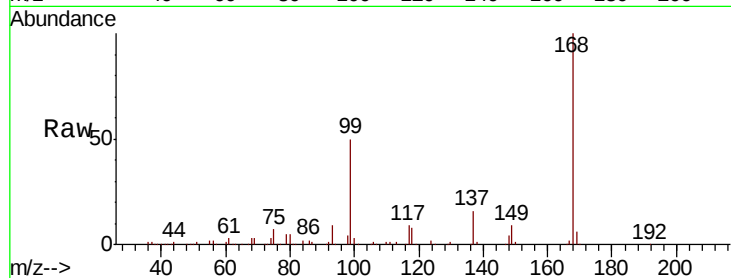
VN1008WBL01

Tot Ion:168 Resp: 786088

Ion Ratio Lower Upper

168 100

99 49.6 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

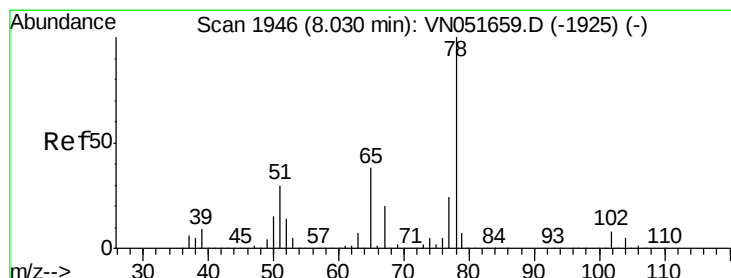
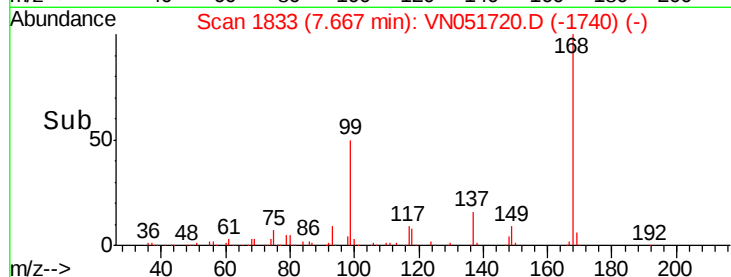
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051720.D

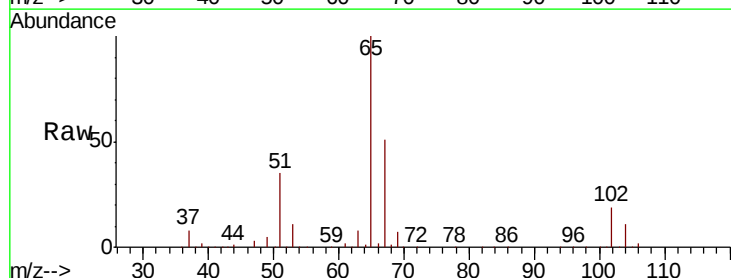
Acq: 8 Oct 2018 8:49

Tgt Ion: 65 Resp: 473532

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

200000

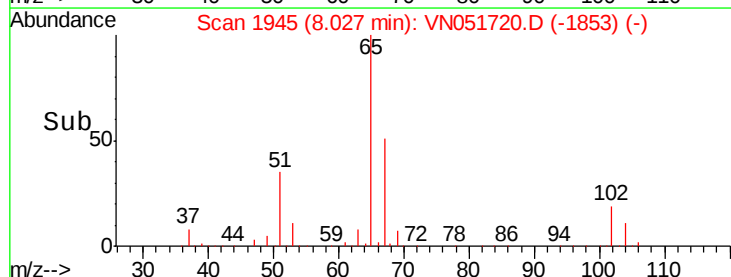
150000

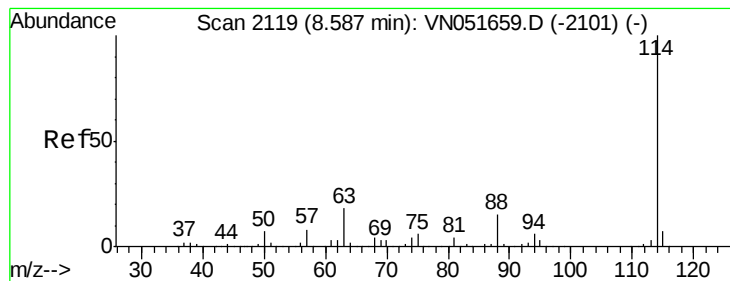
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN051720.D

Acq: 8 Oct 2018 8:49

Instrument :

MSVOA_N

ClientSampleId :

VN1008WBL01

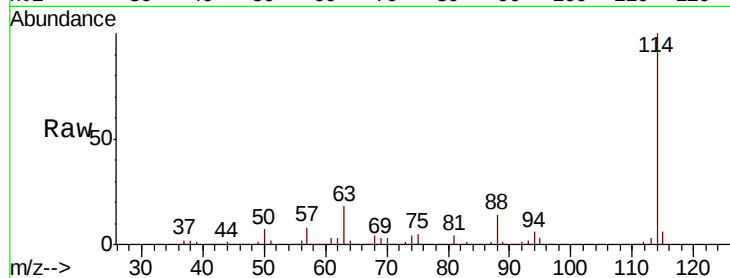
Tot Ion:114 Resp: 1138888

Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.2

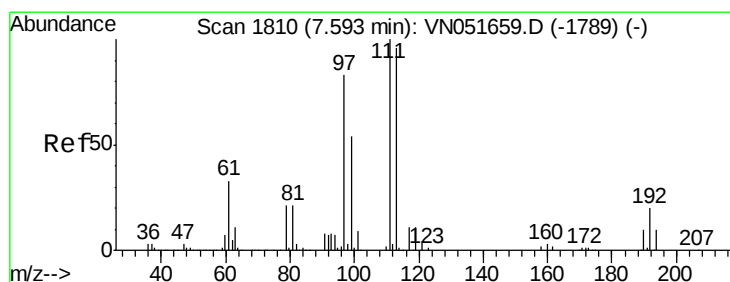
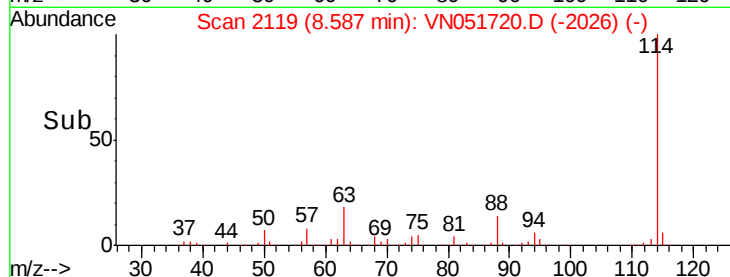
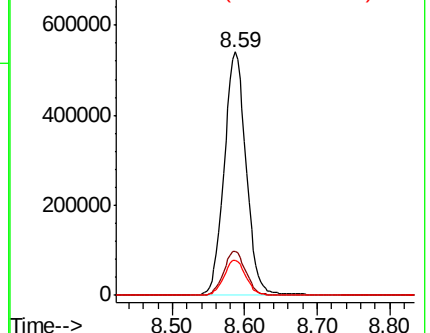
88 14.5 0.0 30.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN051720.D

Acq: 8 Oct 2018 8:49

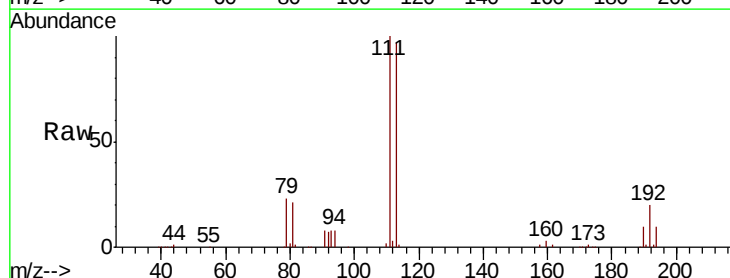
Tgt Ion:113 Resp: 432872

Ion Ratio Lower Upper

113 100

111 102.3 81.8 122.8

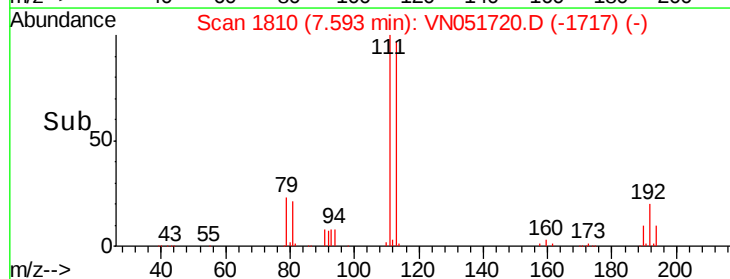
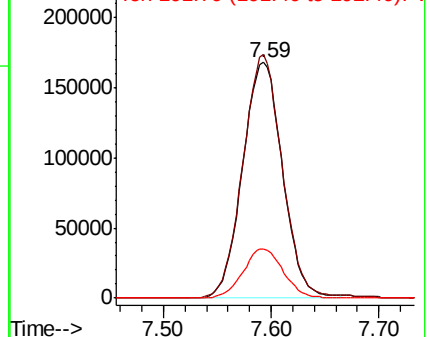
192 21.0 16.5 24.7

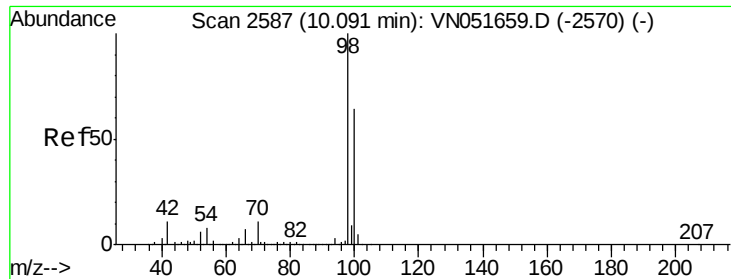


Abundance Ion 112.80 (112.50 to 113.50): V

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: VN051720.D

Acq: 8 Oct 2018 8:49

Instrument :

MSVOA_N

ClientSampleId :

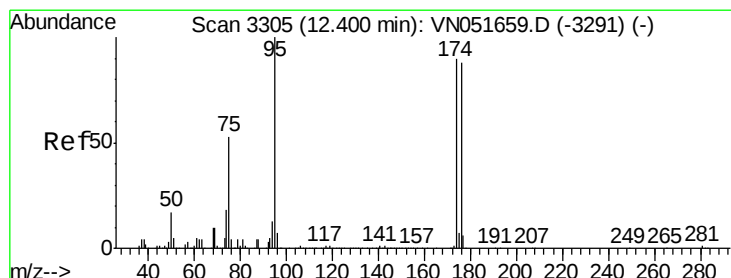
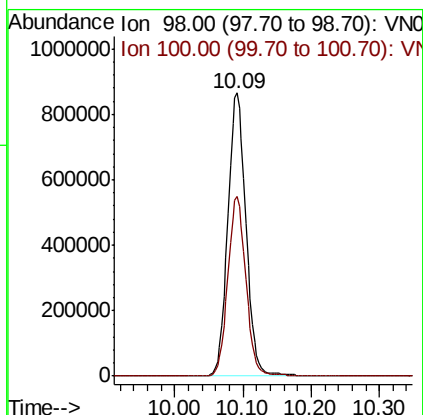
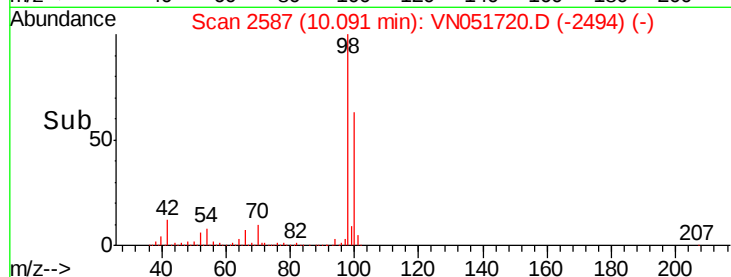
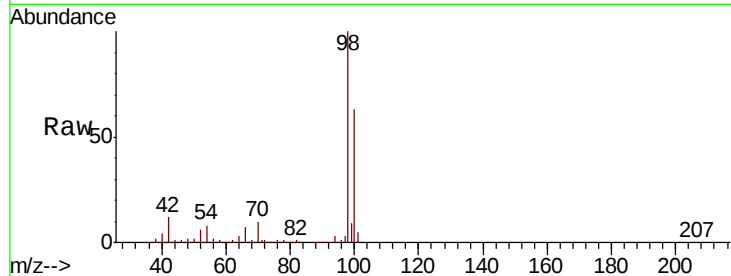
VN1008WBL01

Tot Ion: 98 Resp: 1600633

Ion Ratio Lower Upper

98 100

100 63.3 51.5 77.3



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051720.D

Acq: 8 Oct 2018 8:49

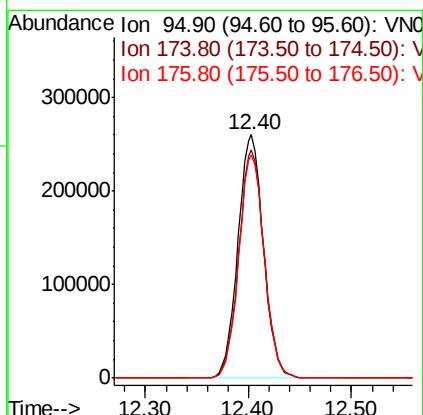
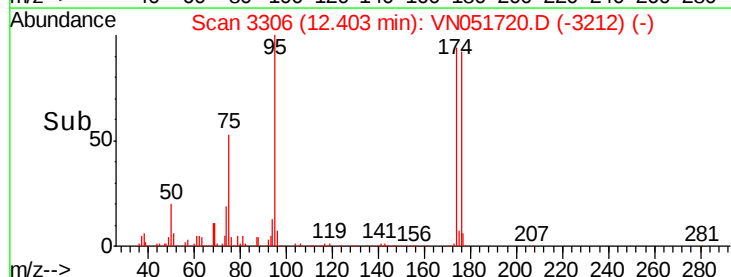
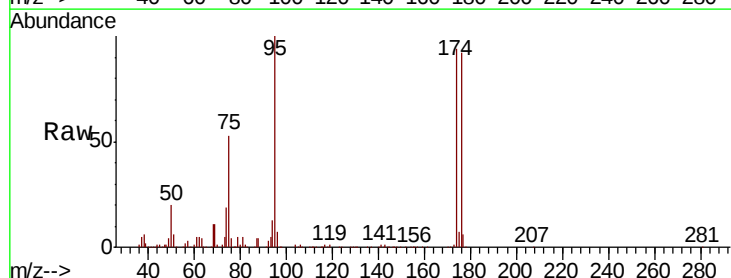
Tgt Ion: 95 Resp: 446543

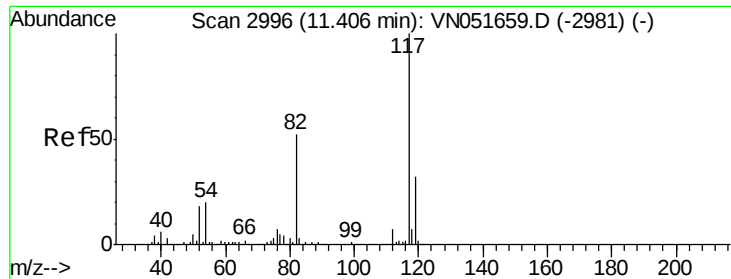
Ion Ratio Lower Upper

95 100

174 93.8 0.0 182.8

176 91.6 0.0 176.4

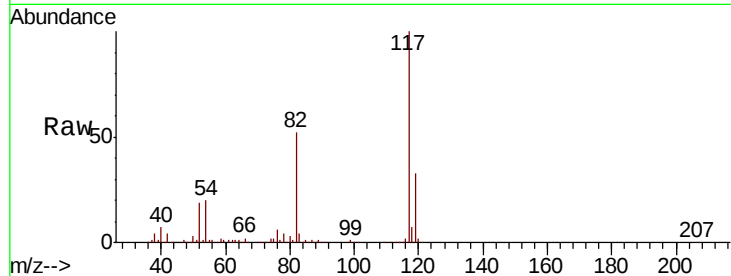




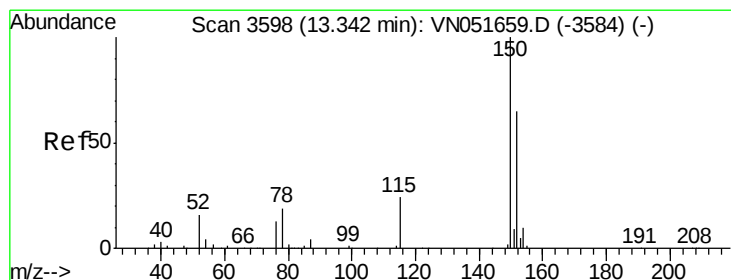
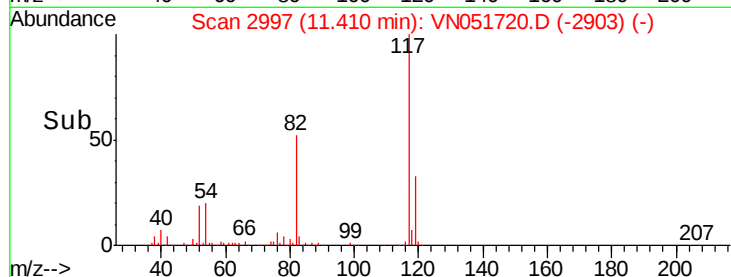
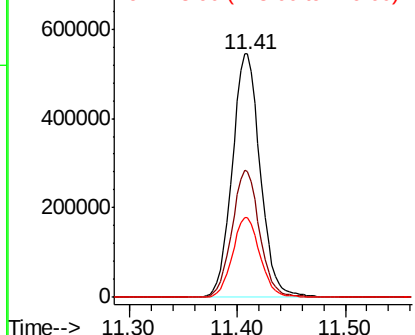
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051720.D
Acq: 8 Oct 2018 8:49

Instrument :
MSVOA_N
ClientSampleId :
VN1008WBL01

Tot Ion:117 Resp: 985979
Ion Ratio Lower Upper
117 100
82 51.7 41.3 61.9
119 32.7 25.9 38.9

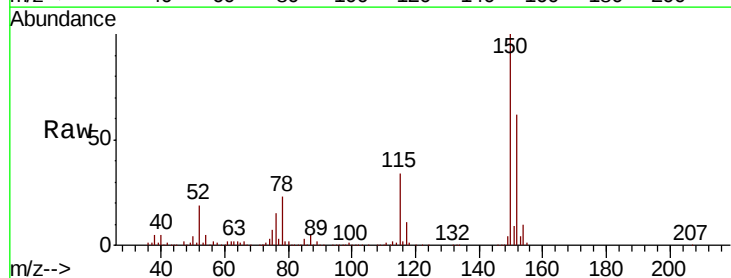


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051720.D
Acq: 8 Oct 2018 8:49

Tgt Ion:152 Resp: 344244
Ion Ratio Lower Upper
152 100
115 55.0 28.6 85.8
150 160.1 0.0 352.4



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

