

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041819\
 Data File : VN055120.D
 Acq On : 18 Apr 2019 14:55
 Operator : JC/SP
 Sample : K2461-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB

Quant Time: Apr 19 02:34:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	576641	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	883784	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	739552	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	225517	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	347753	45.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.74%	
35) Dibromofluoromethane	7.59	113	285141	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
50) Toluene-d8	10.09	98	1065078	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
62) 4-Bromofluorobenzene	12.40	95	307362	44.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.44%	

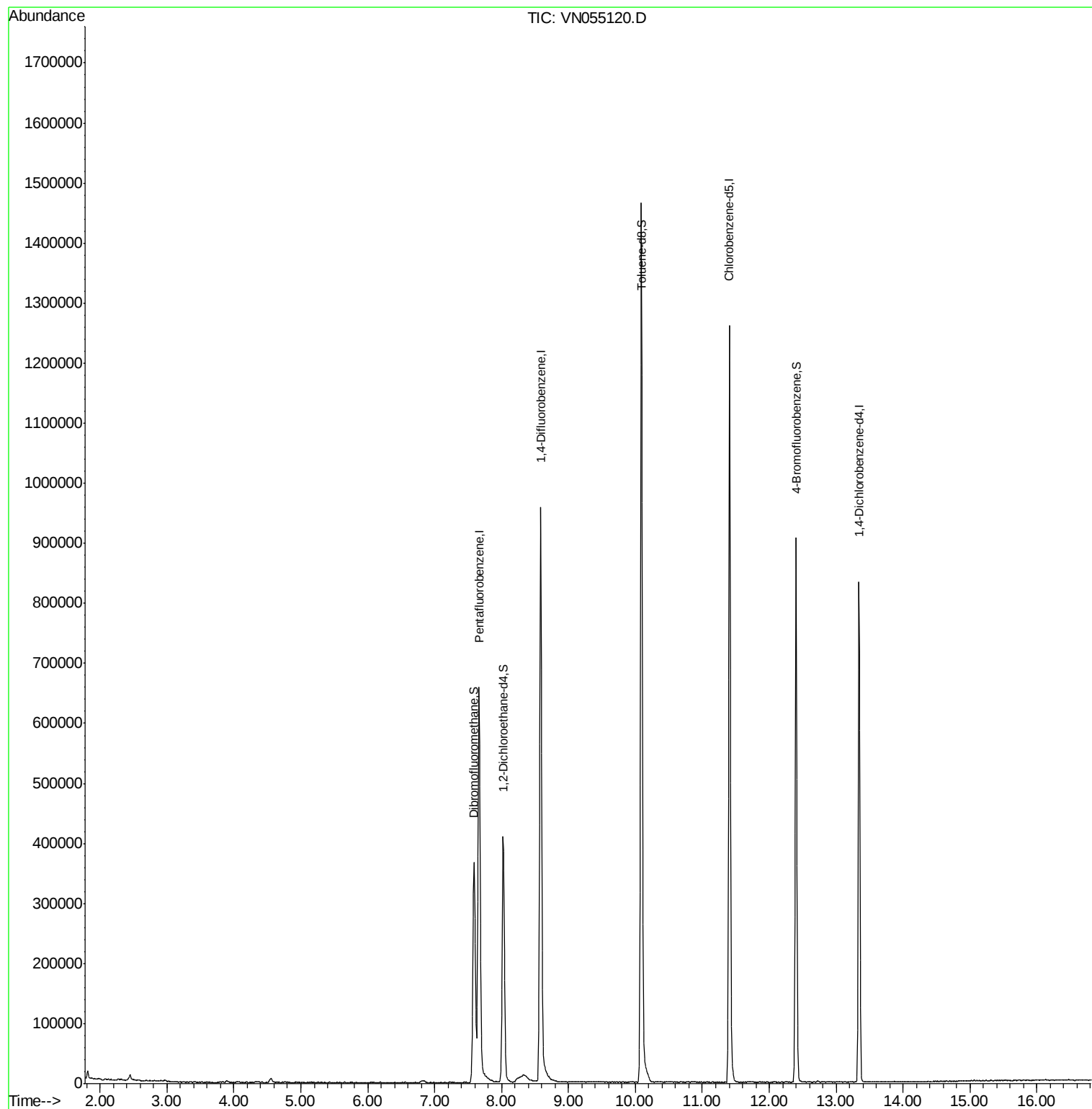
Target Compounds	Qvalue

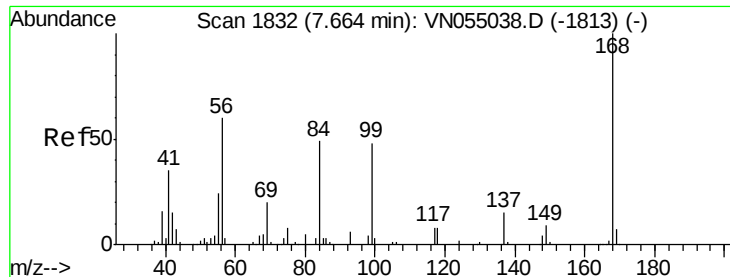
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041819\
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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: VN055120.D

Acq: 18 Apr 2019 14:55

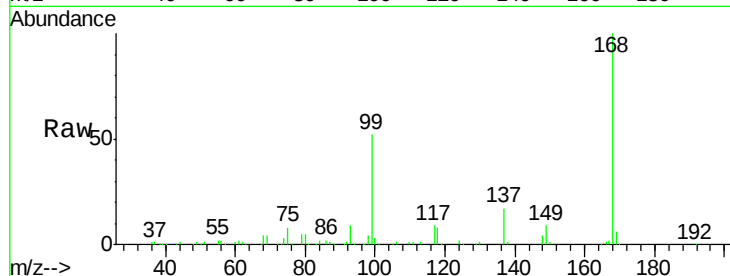
Instrument :
MSVOA_N
ClientSampleId :
TB

Tot Ion:168 Resp: 576641

Ion Ratio Lower Upper

168 100

99 52.2 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

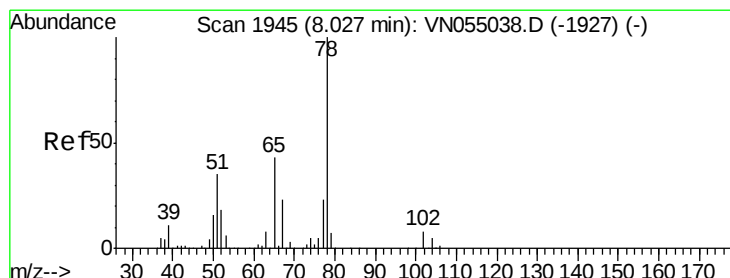
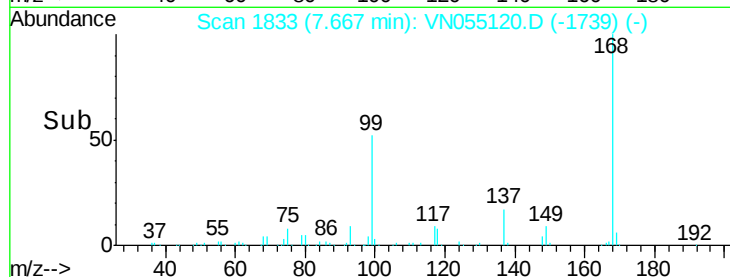
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 45.369 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN055120.D

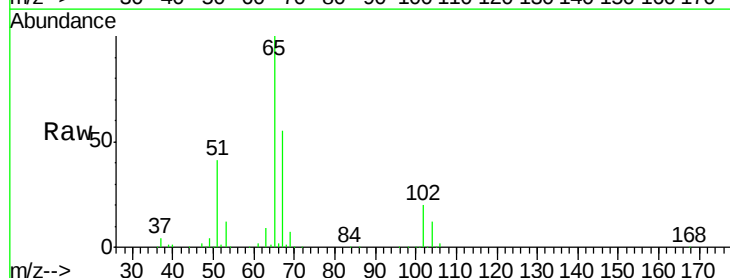
Acq: 18 Apr 2019 14:55

Tgt Ion: 65 Resp: 347753

Ion Ratio Lower Upper

65 100

67 53.5 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.02

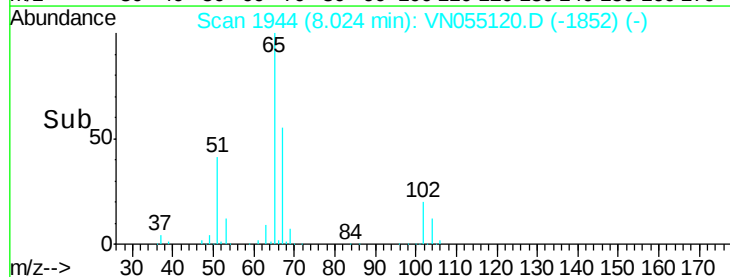
150000

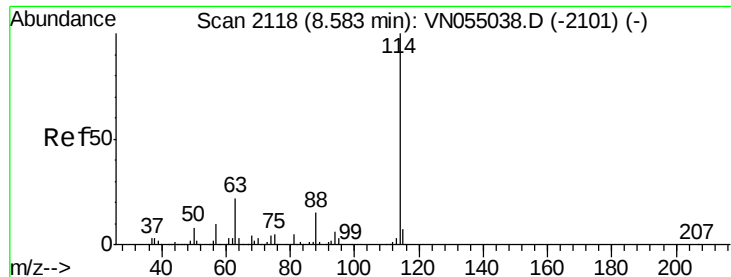
100000

50000

0

Time--> 7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN055120.D

Acq: 18 Apr 2019 14:55

Instrument :

MSVOA_N

ClientSampled :

TB

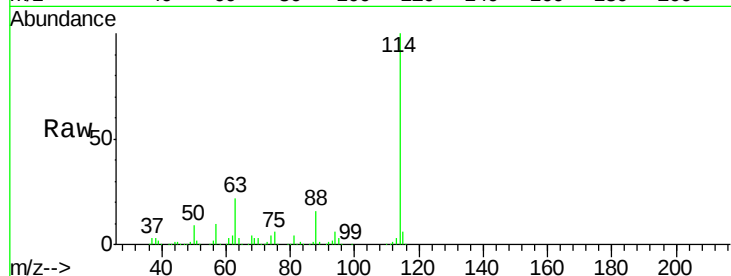
Tot Ion:114 Resp: 883784

Ion Ratio Lower Upper

114 100

63 21.7 0.0 45.2

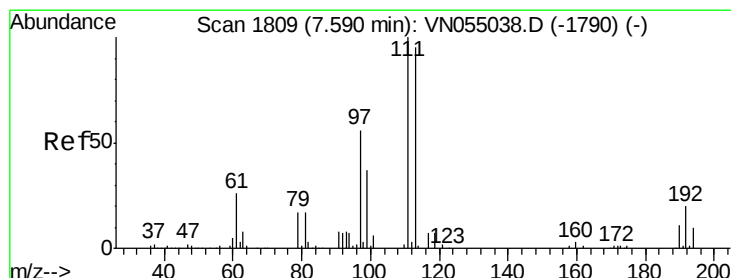
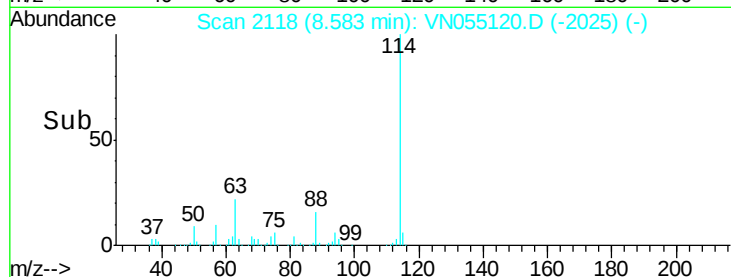
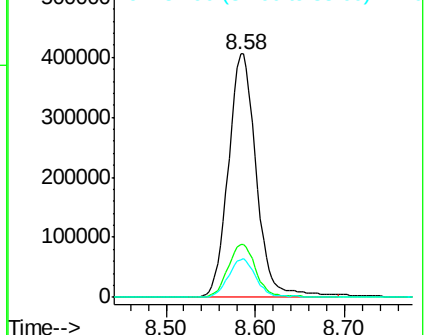
88 15.6 0.0 31.8



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: 48.277 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN055120.D

Acq: 18 Apr 2019 14:55

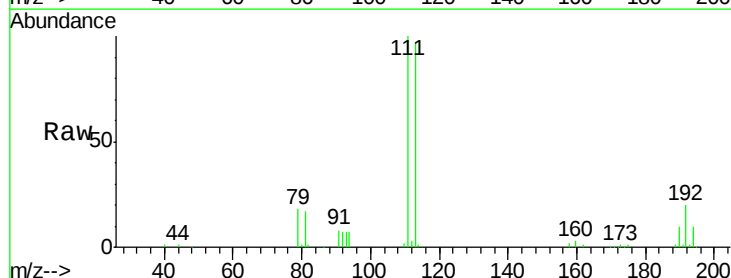
Tgt Ion:113 Resp: 285141

Ion Ratio Lower Upper

113 100

111 103.0 82.1 123.1

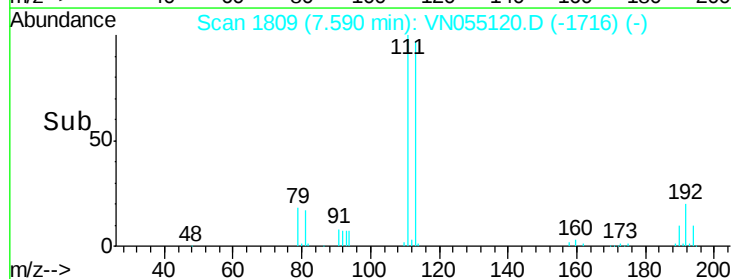
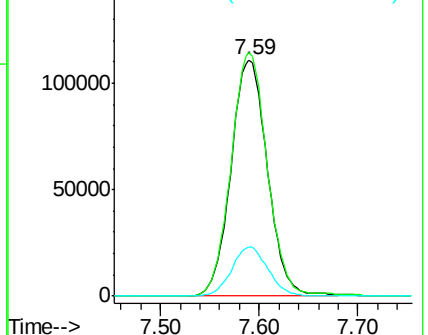
192 20.8 16.5 24.7

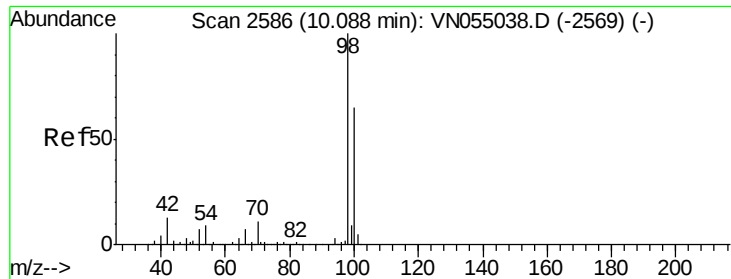


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.383 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN055120.D

Acq: 18 Apr 2019 14:55

Instrument :

MSVOA_N

ClientSampleId :

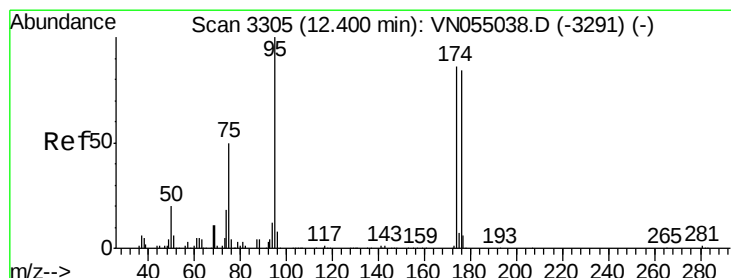
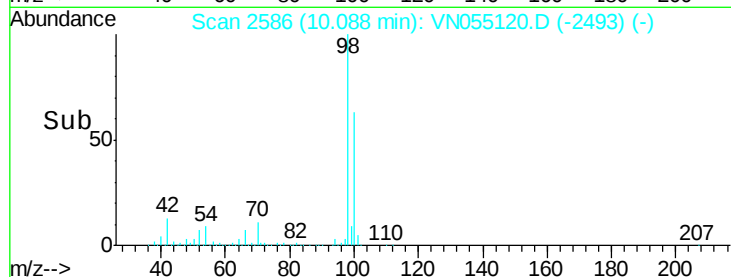
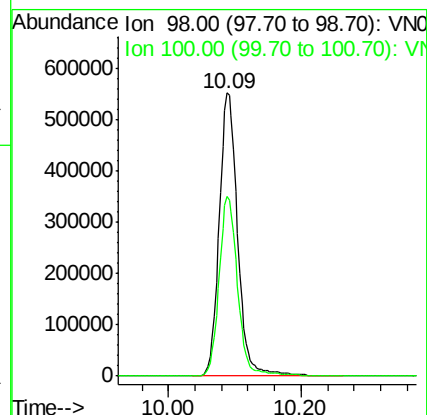
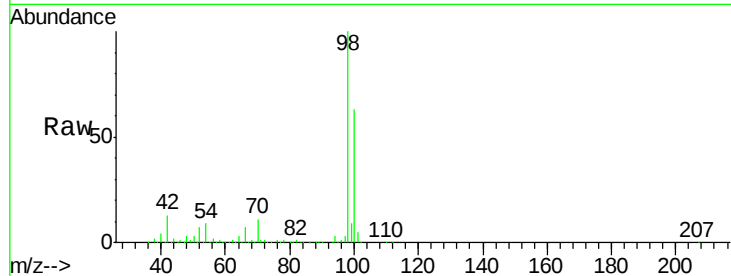
TB

Tot Ion: 98 Resp: 1065078

Ion Ratio Lower Upper

98 100

100 63.9 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 44.724 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055120.D

Acq: 18 Apr 2019 14:55

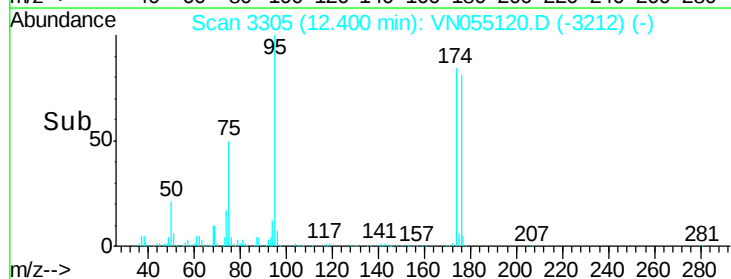
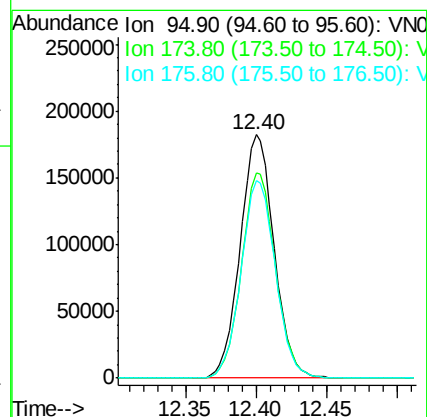
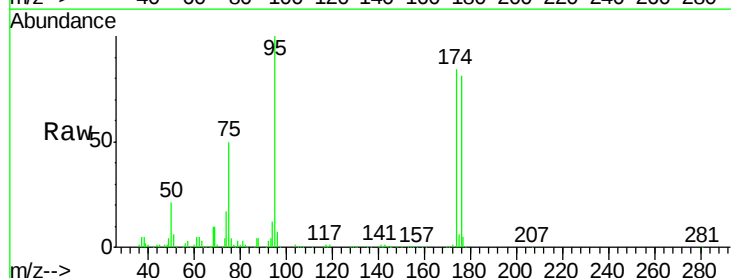
Tgt Ion: 95 Resp: 307362

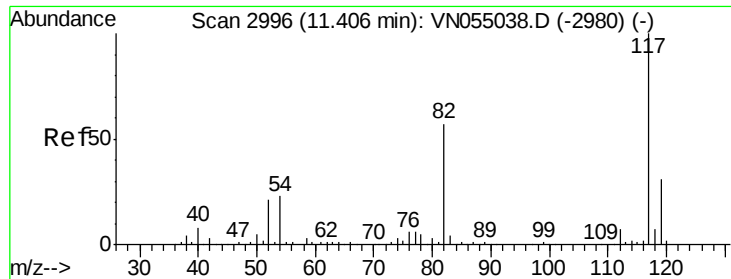
Ion Ratio Lower Upper

95 100

174 84.6 0.0 174.4

176 82.3 0.0 166.8

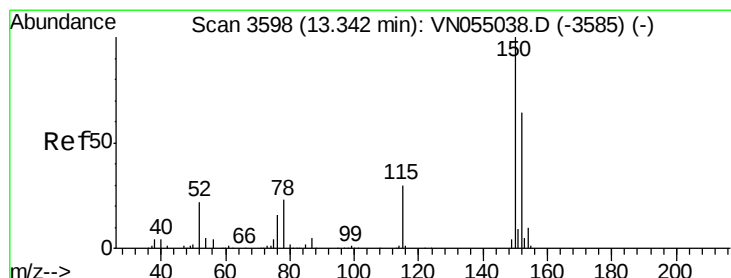
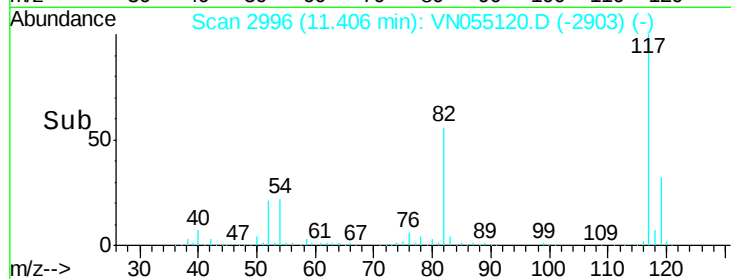
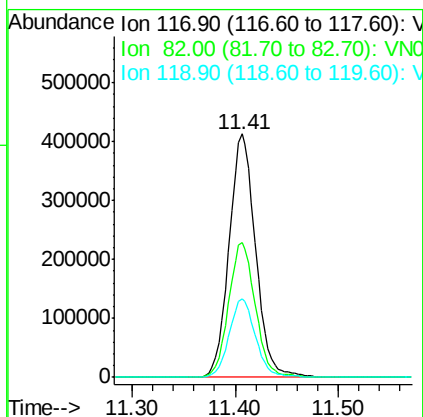
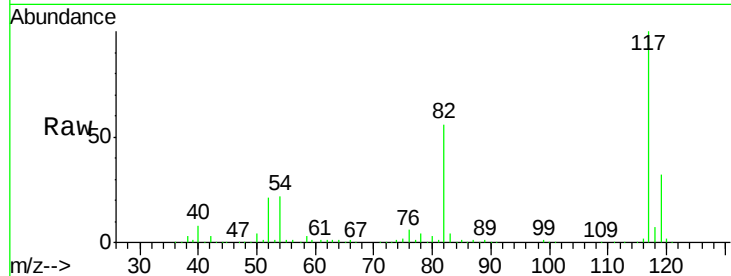




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055120.D
Acq: 18 Apr 2019 14:55

Instrument :
MSVOA_N
ClientSampled :
TB

Tot Ion:117 Resp: 739552
Ion Ratio Lower Upper
117 100
82 55.6 44.6 66.8
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055120.D
Acq: 18 Apr 2019 14:55

Tgt Ion:152 Resp: 225517
Ion Ratio Lower Upper
152 100
115 57.1 28.5 85.6
150 155.2 0.0 347.2

