

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
 Data File : VN050078.D
 Acq On : 26 Jul 2018 13:32
 Operator : MD\SY
 Sample : J4109-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-072018

Quant Time: Jul 27 01:52:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	681836	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1090785	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	892331	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	306654	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	469721	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
35) Dibromofluoromethane	7.59	113	424099	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
50) Toluene-d8	10.09	98	1450621	44.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.60%	
62) 4-Bromofluorobenzene	12.40	95	386445	35.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.68%	

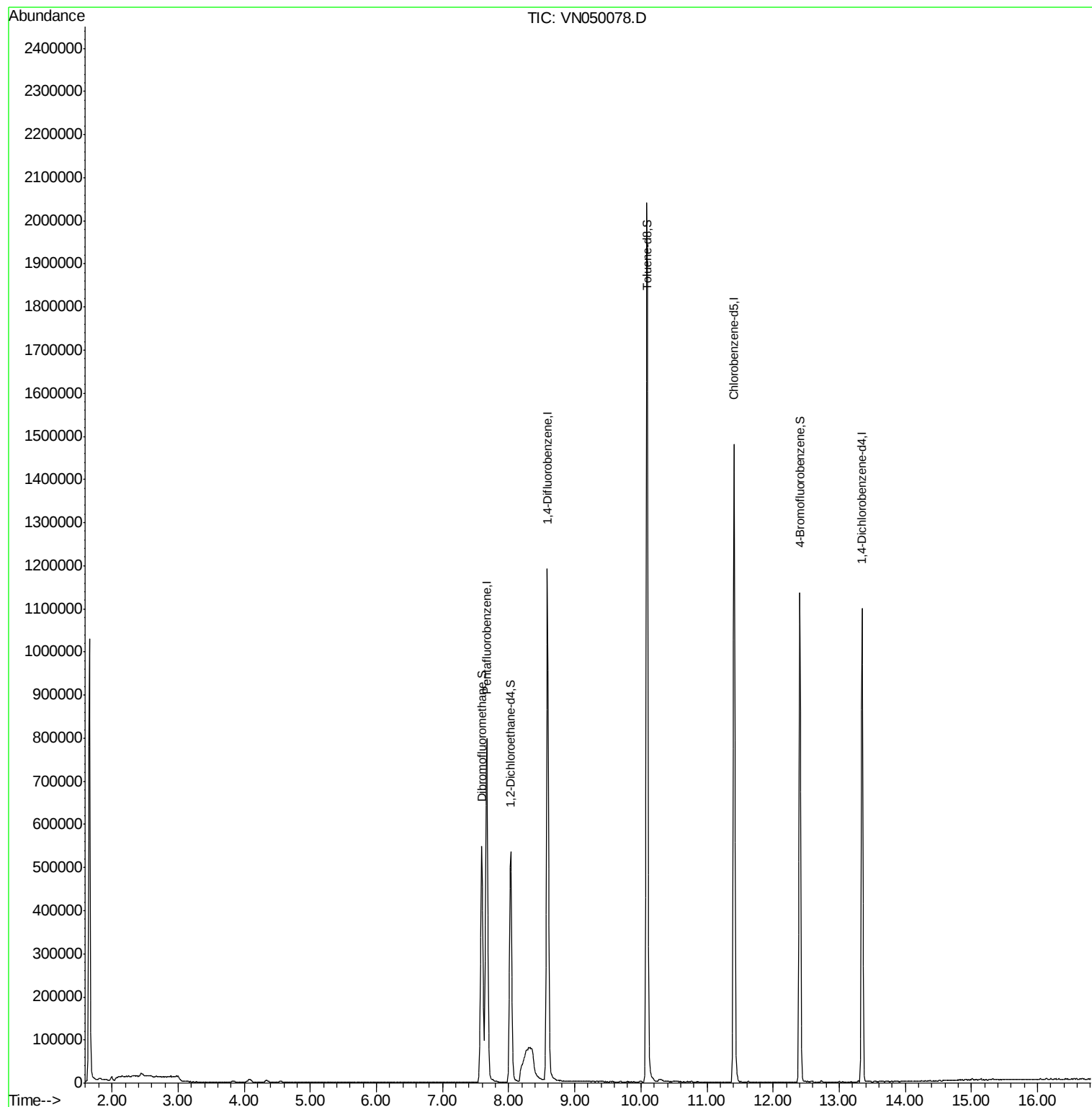
Target Compounds	Qvalue

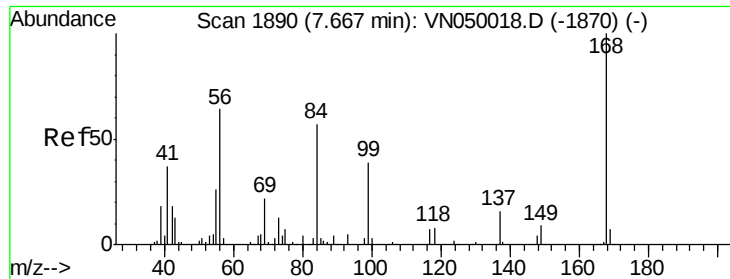
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050078.D

Acq: 26 Jul 2018 13:32

Instrument :

MSVOA_N

ClientSampleId :

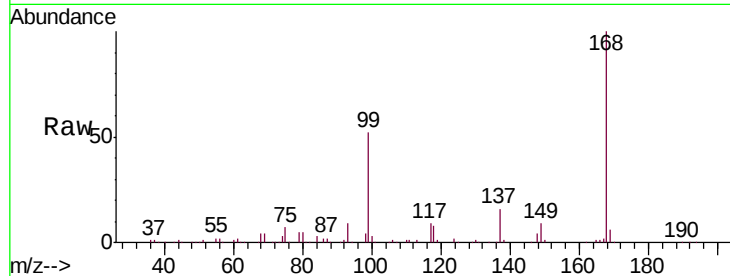
TB-072018

Tot Ion:168 Resp: 681836

Ion Ratio Lower Upper

168 100

99 51.9 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050018.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050018.D (-1870) (-)

7.67

300000

250000

200000

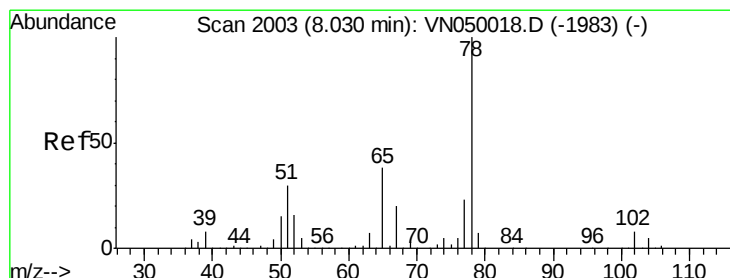
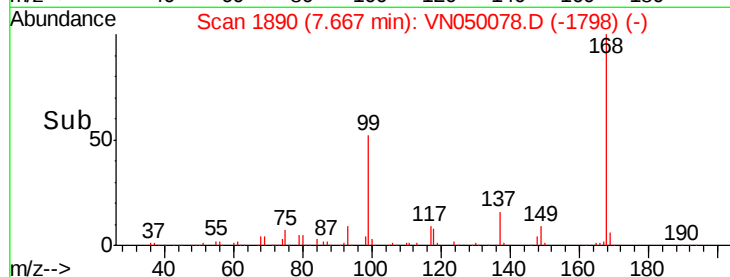
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.38 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050078.D

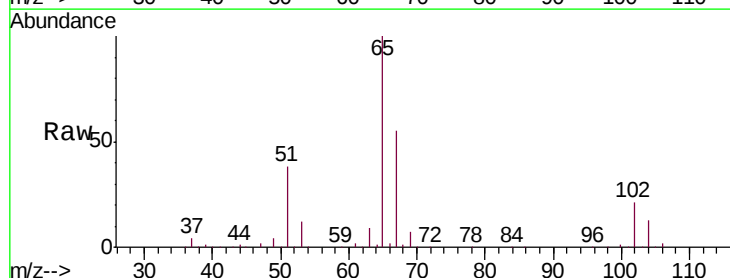
Acq: 26 Jul 2018 13:32

Tgt Ion: 65 Resp: 469721

Ion Ratio Lower Upper

65 100

67 54.2 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN050018.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN050018.D (-1983) (-)

8.03

200000

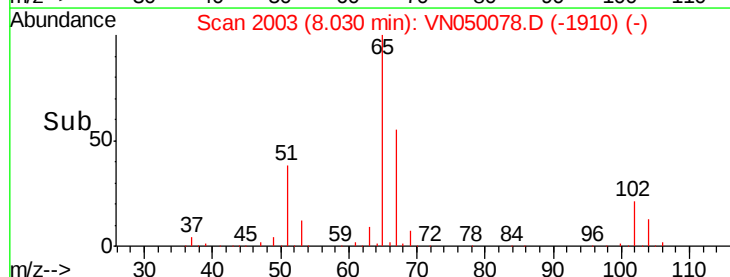
150000

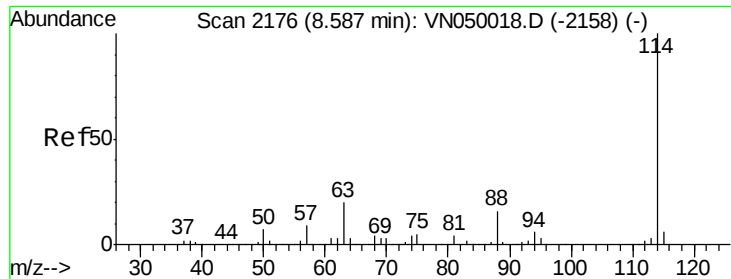
100000

50000

0

Time-->

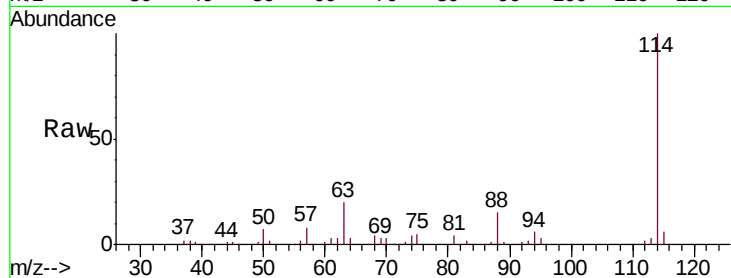




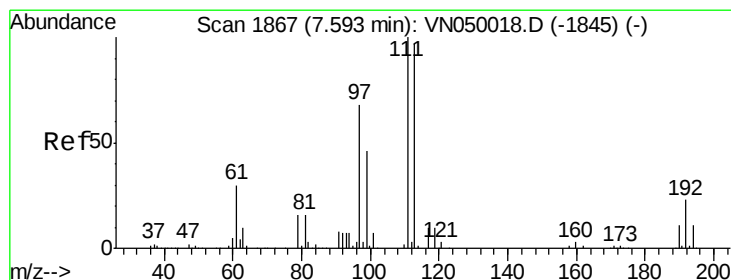
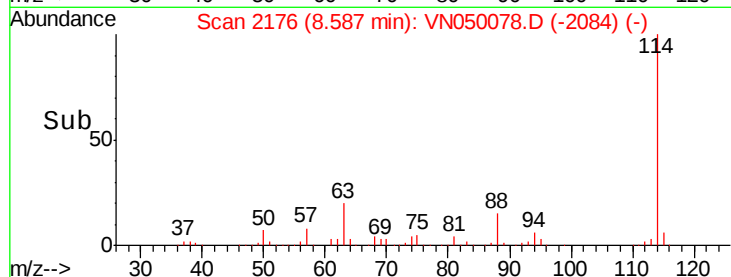
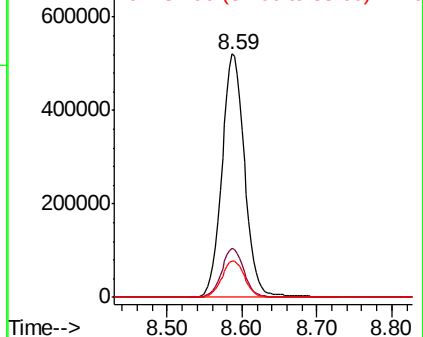
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050078.D
 Acq: 26 Jul 2018 13:32

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-072018

Tot Ion:114 Resp: 1090785
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.0
 88 15.2 0.0 31.2

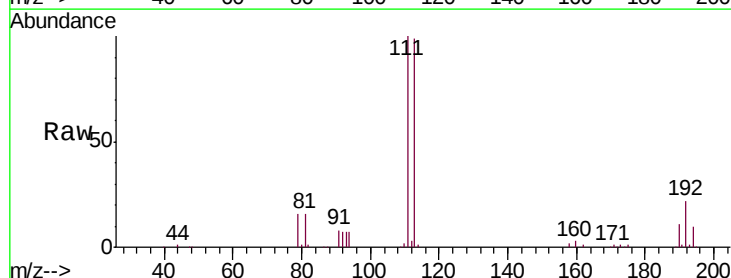


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

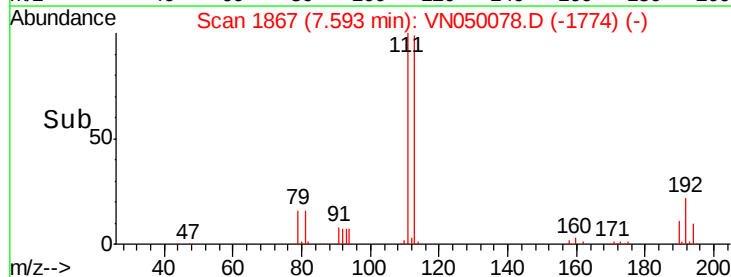
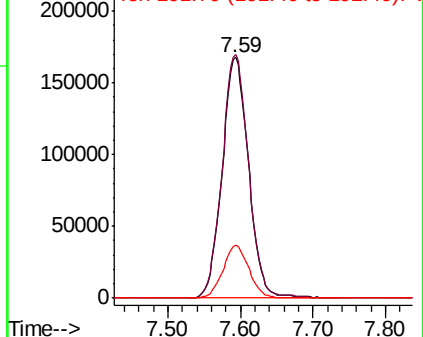


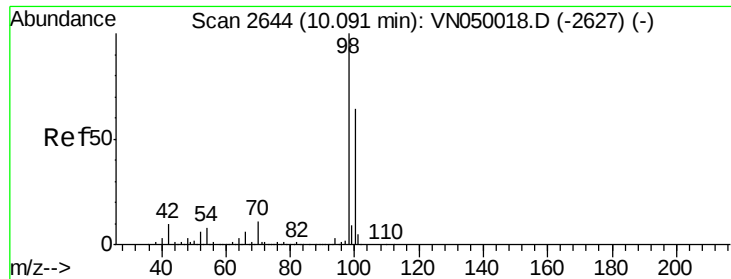
#35
 Dibromofluoromethane
 Concen: 47.62 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050078.D
 Acq: 26 Jul 2018 13:32

Tgt Ion:113 Resp: 424099
 Ion Ratio Lower Upper
 113 100
 111 101.7 80.7 121.1
 192 21.5 17.8 26.6



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: 44.30 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050078.D

Acq: 26 Jul 2018 13:32

Instrument :

MSVOA_N

ClientSampleId :

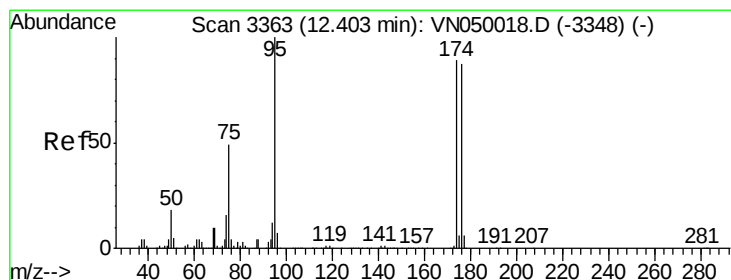
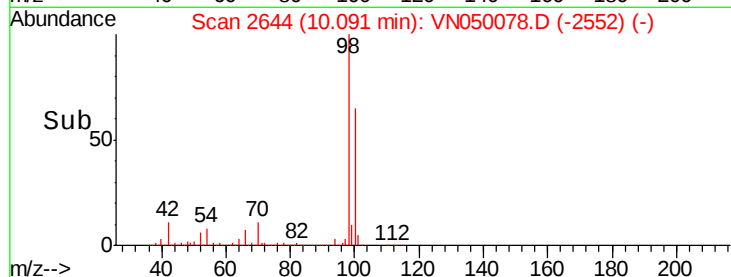
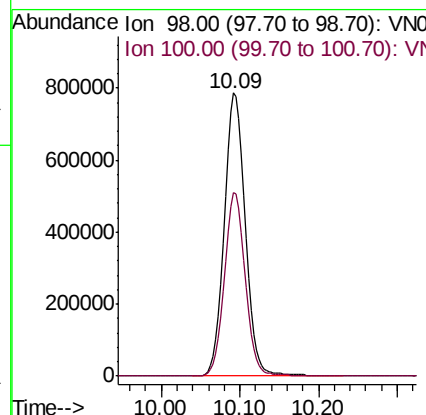
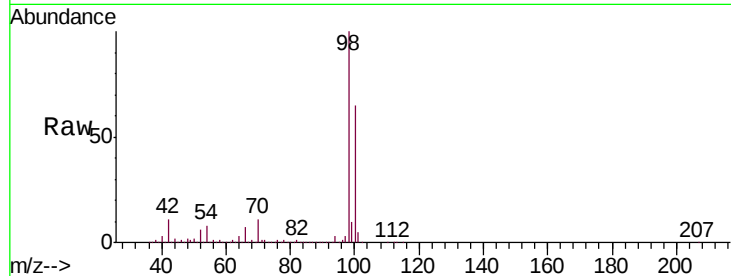
TB-072018

Tot Ion: 98 Resp: 1450621

Ion Ratio Lower Upper

98 100

100 64.3 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 35.84 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050078.D

Acq: 26 Jul 2018 13:32

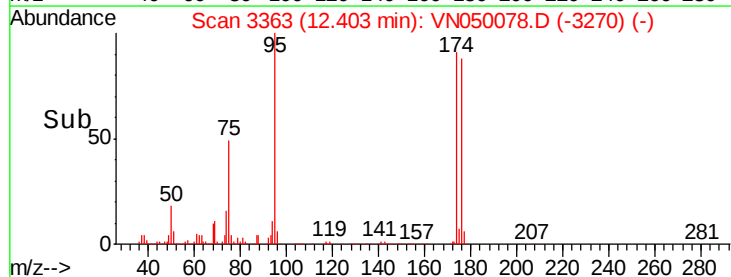
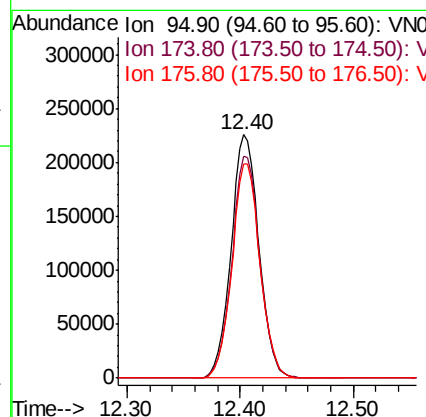
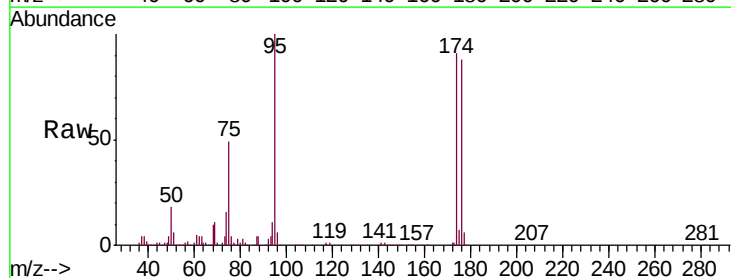
Tgt Ion: 95 Resp: 386445

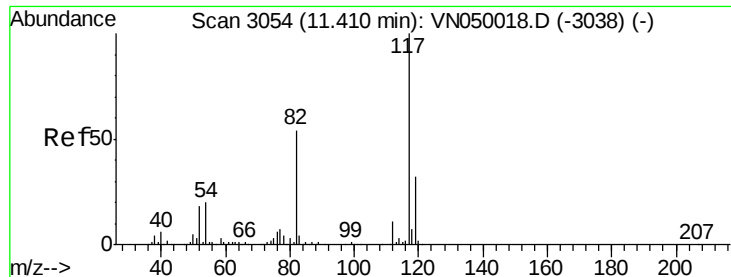
Ion Ratio Lower Upper

95 100

174 91.0 0.0 178.2

176 88.5 0.0 173.4

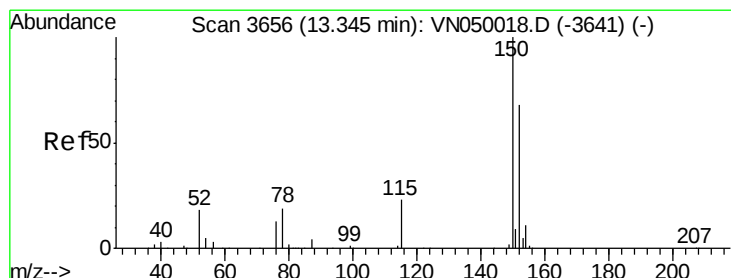
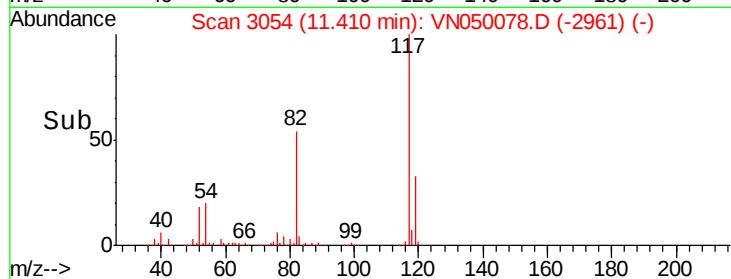
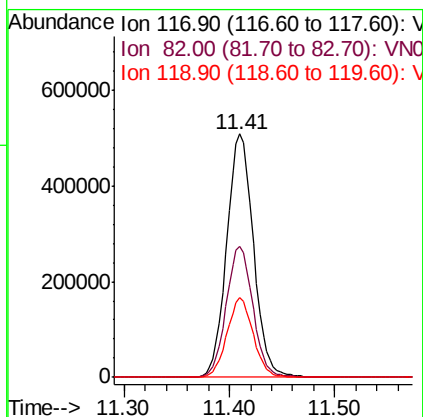
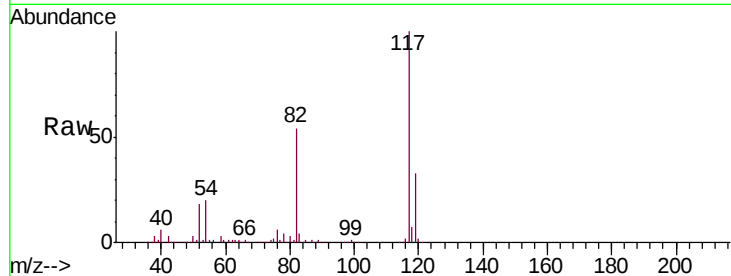




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050078.D
Acq: 26 Jul 2018 13:32

Instrument :
MSVOA_N
ClientSampleId :
TB-072018

Tot Ion:117 Resp: 892331
Ion Ratio Lower Upper
117 100
82 54.0 43.7 65.5
119 32.5 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050078.D
Acq: 26 Jul 2018 13:32

Tgt Ion:152 Resp: 306654
Ion Ratio Lower Upper
152 100
115 55.9 27.8 83.3
150 156.5 0.0 348.6

