

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
 Data File : VN050081.D
 Acq On : 26 Jul 2018 14:47
 Operator : MD\SY
 Sample : J4164-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-072518

Quant Time: Jul 27 09:19:26 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	641366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1050565	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	859576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	293592	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	461286	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
35) Dibromofluoromethane	7.59	113	408241	47.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.18%	
50) Toluene-d8	10.09	98	1405186	44.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.12%	
62) 4-Bromofluorobenzene	12.40	95	371497	35.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.56%	

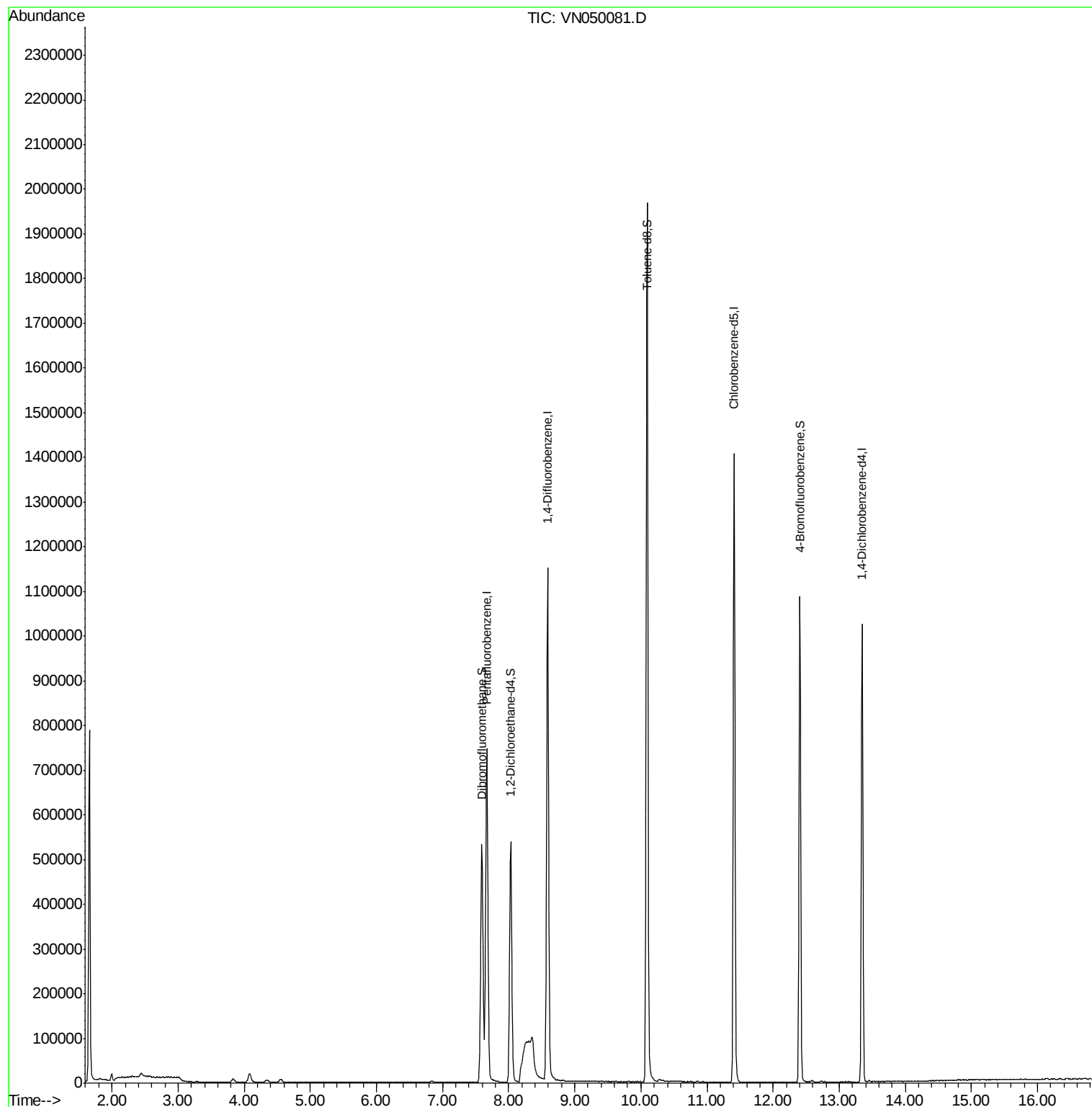
Target Compounds	Qvalue

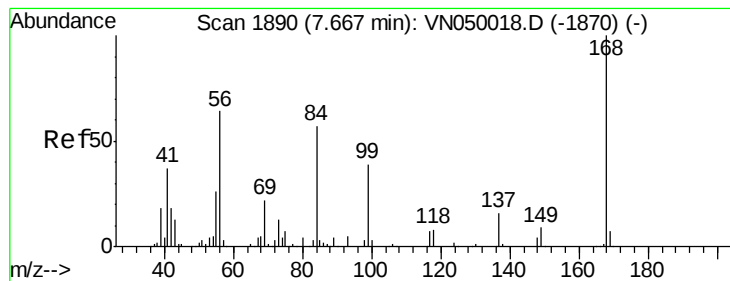
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050081.D

Acq: 26 Jul 2018 14:47

Instrument :

MSVOA_N

ClientSampleId :

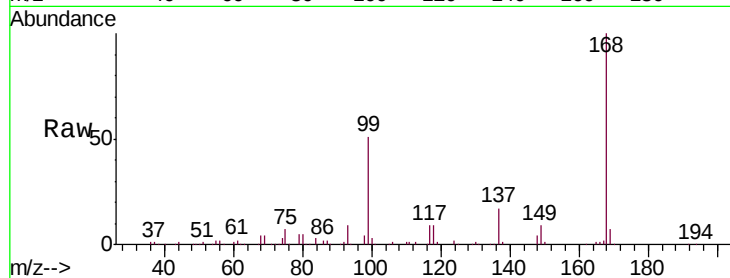
TB-072518

Tot Ion:168 Resp: 641366

Ion Ratio Lower Upper

168 100

99 50.7 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

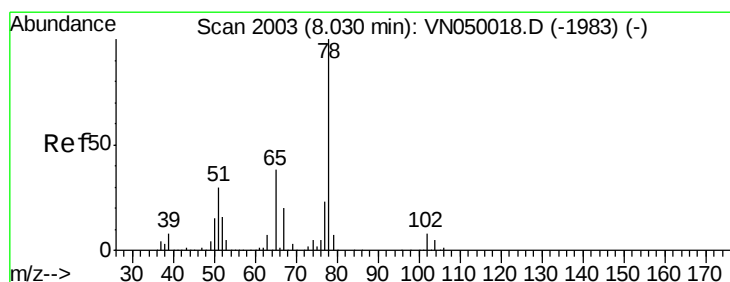
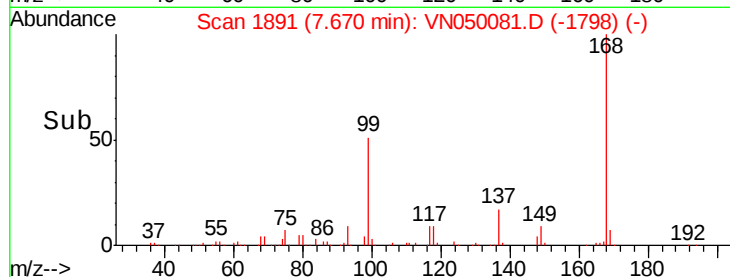
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.55 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050081.D

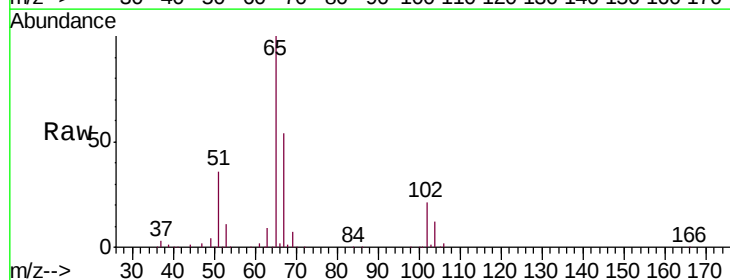
Acq: 26 Jul 2018 14:47

Tgt Ion: 65 Resp: 461286

Ion Ratio Lower Upper

65 100

67 53.3 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.03

200000

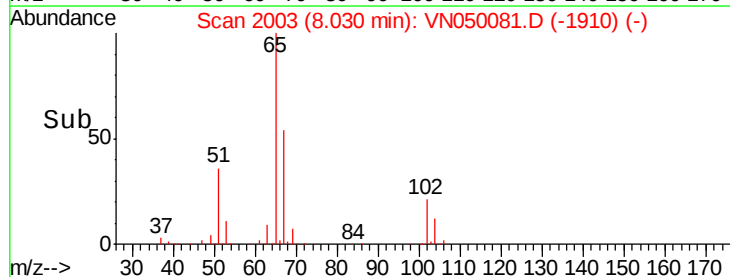
150000

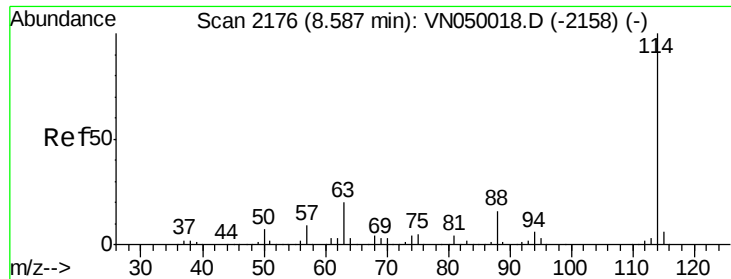
100000

50000

0

Time-->

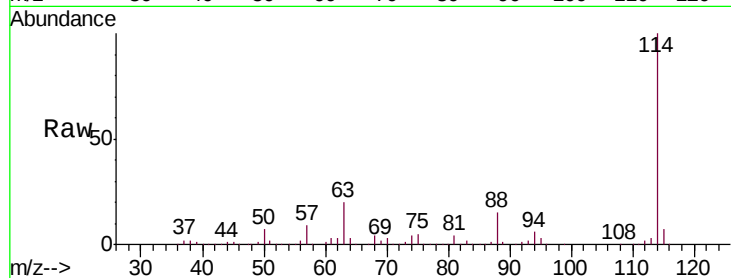




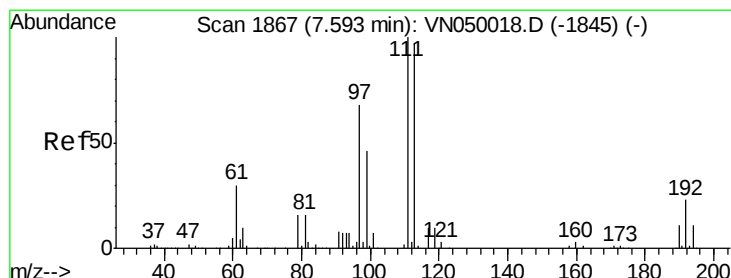
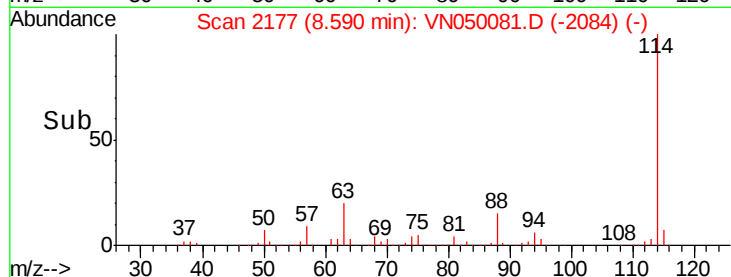
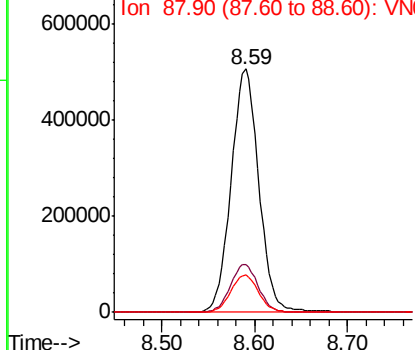
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050081.D
 Acq: 26 Jul 2018 14:47

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-072518

Tot Ion:114 Resp: 1050565
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 15.3 0.0 31.2

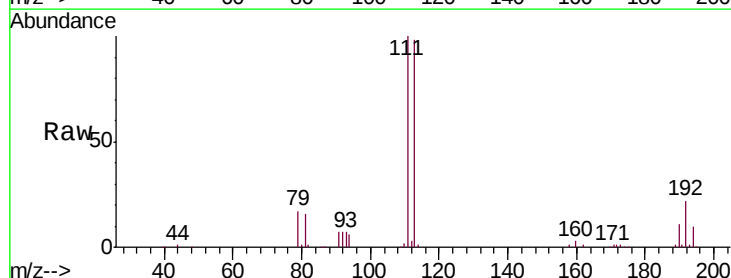


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VNO
 Ion 87.90 (87.60 to 88.60): VNO

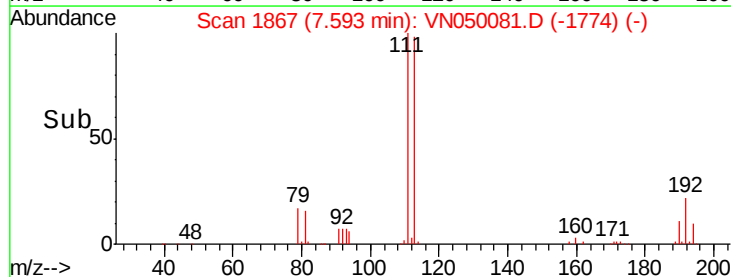
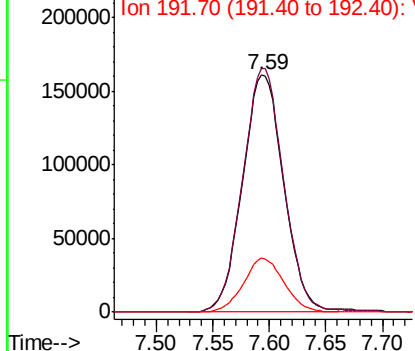


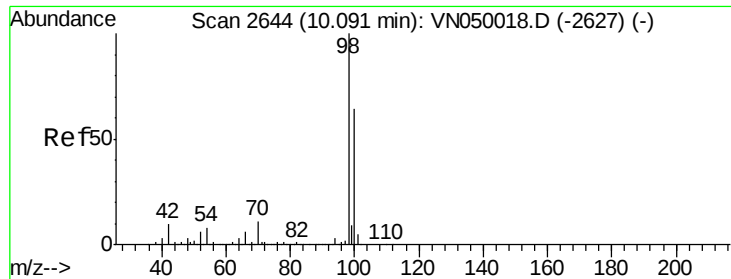
#35
 Dibromofluoromethane
 Concen: 47.59 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050081.D
 Acq: 26 Jul 2018 14:47

Tgt Ion:113 Resp: 408241
 Ion Ratio Lower Upper
 113 100
 111 102.6 80.7 121.1
 192 22.4 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: 44.56 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050081.D

Acq: 26 Jul 2018 14:47

Instrument :

MSVOA_N

ClientSampleId :

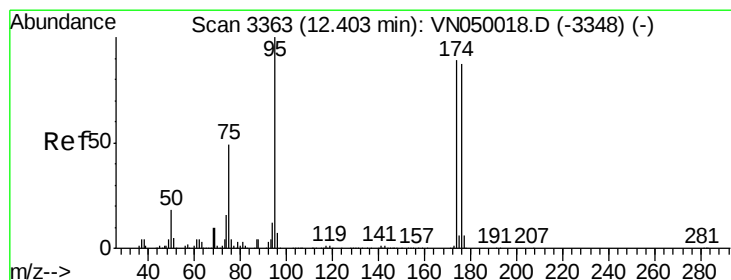
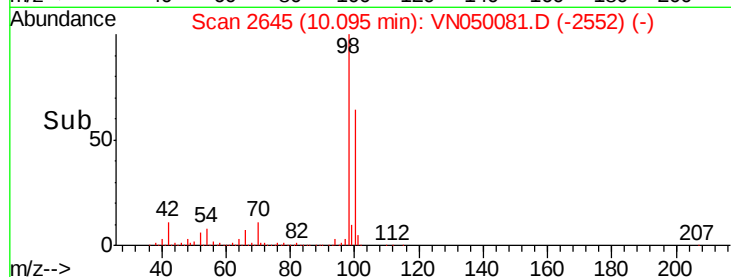
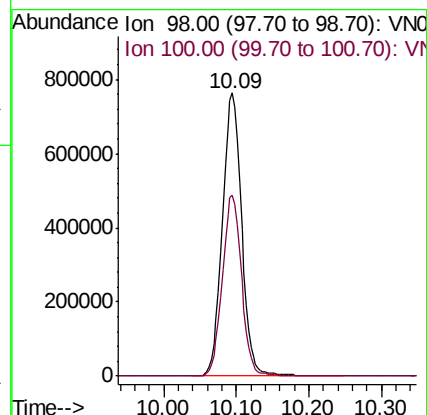
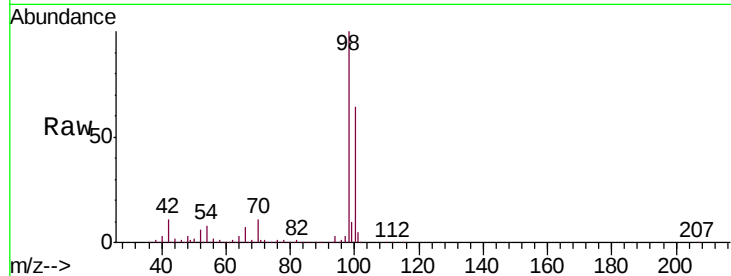
TB-072518

Tot Ion: 98 Resp: 1405186

Ion Ratio Lower Upper

98 100

100 63.9 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 35.78 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050081.D

Acq: 26 Jul 2018 14:47

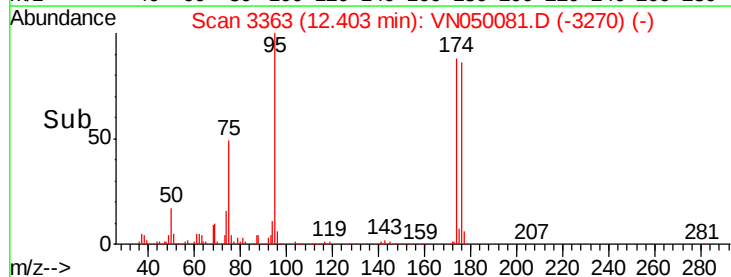
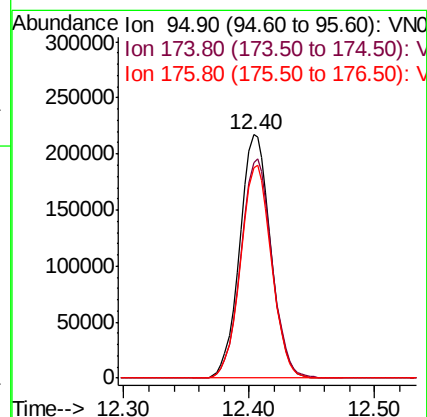
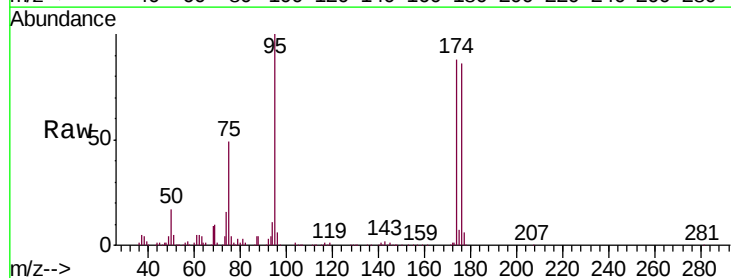
Tgt Ion: 95 Resp: 371497

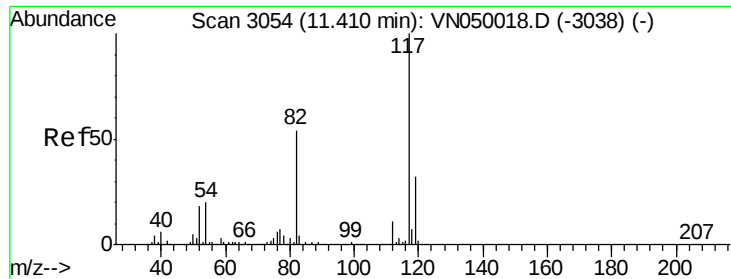
Ion Ratio Lower Upper

95 100

174 90.7 0.0 178.2

176 87.4 0.0 173.4

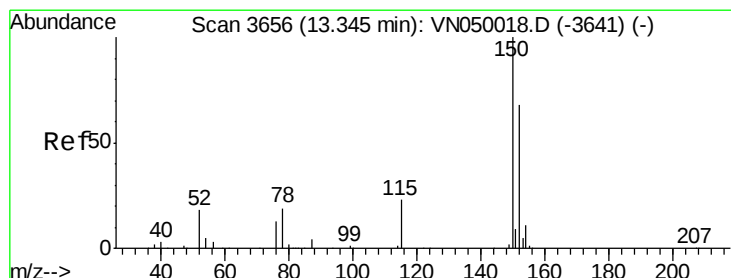
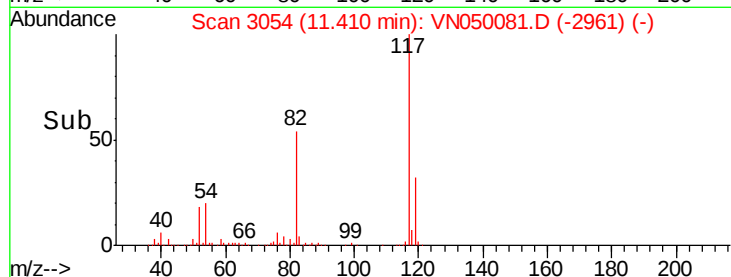
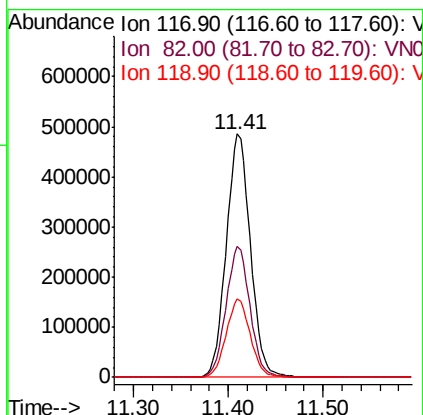
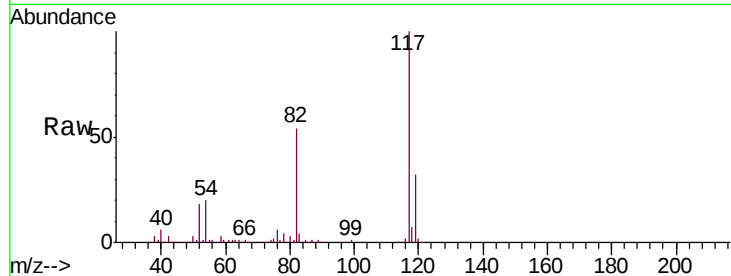




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050081.D
Acq: 26 Jul 2018 14:47

Instrument :
MSVOA_N
ClientSampled :
TB-072518

Tot Ion:117 Resp: 859576
Ion Ratio Lower Upper
117 100
82 53.8 43.7 65.5
119 32.1 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: VN050081.D
Acq: 26 Jul 2018 14:47

Tgt Ion:152 Resp: 293592
Ion Ratio Lower Upper
152 100
115 55.8 27.8 83.3
150 156.2 0.0 348.6

