

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
 Data File : VN050116.D
 Acq On : 27 Jul 2018 6:08
 Operator : MD\SY
 Sample : J4184-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-9B

Quant Time: Jul 27 08:26:09 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

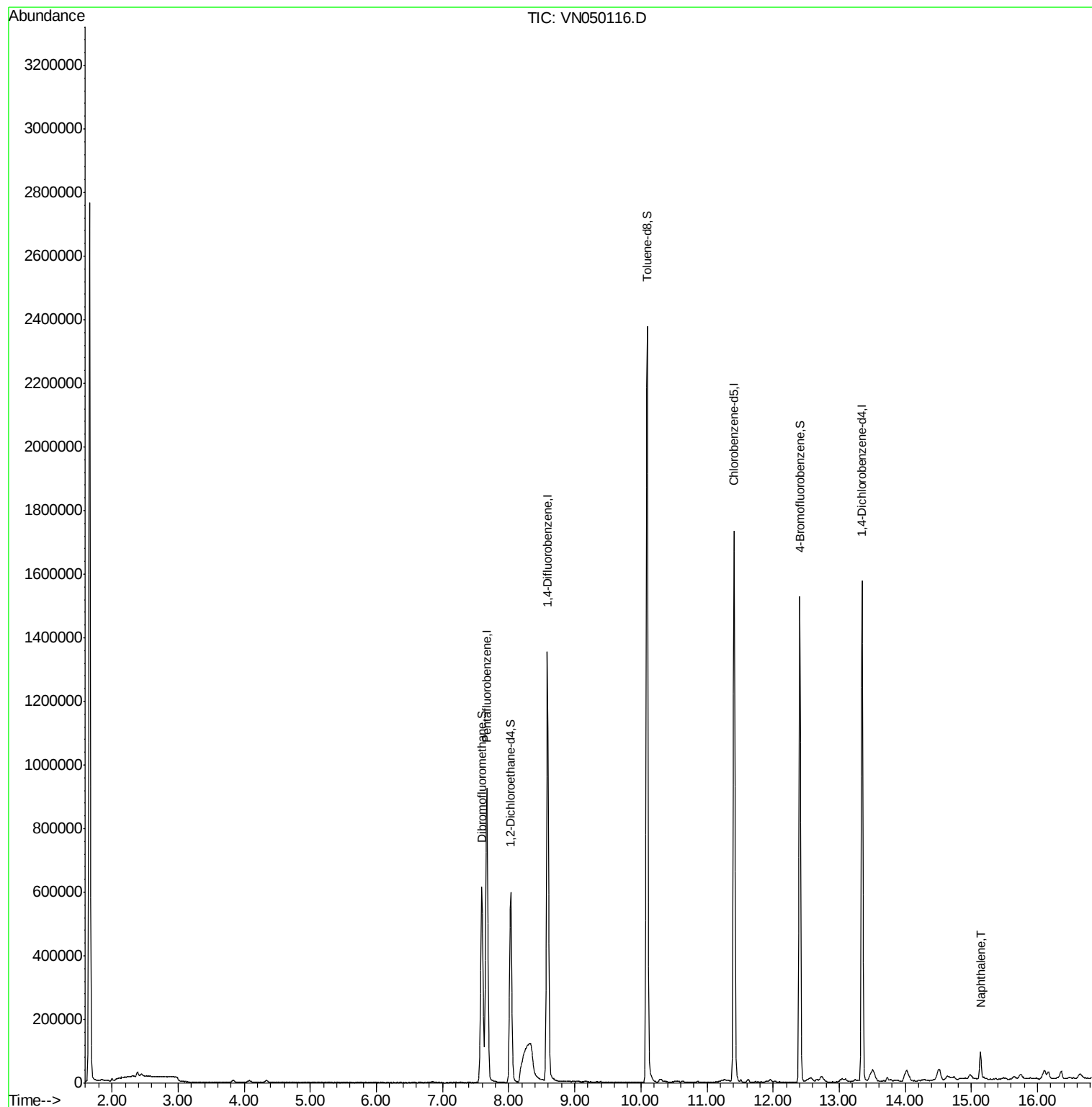
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	813609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1260478	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1061974	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	437017	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	518517	45.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.36%	
35) Dibromofluoromethane	7.59	113	469979	45.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.34%	
50) Toluene-d8	10.09	98	1714166	45.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.62%	
62) 4-Bromofluorobenzene	12.40	95	506301	40.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.28%	
Target Compounds						
95) Naphthalene	15.14	128	72728	7.74	ug/l	Qvalue 98

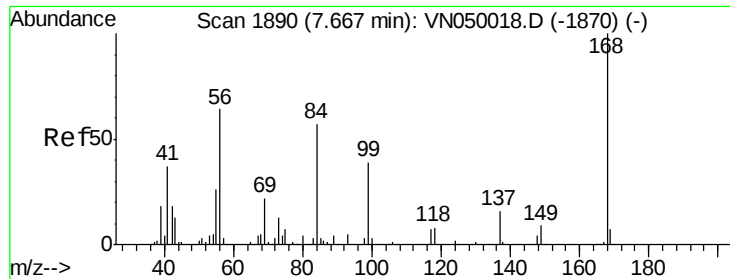
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050116.D

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Instrument :

MSVOA_N

ClientSampleId :

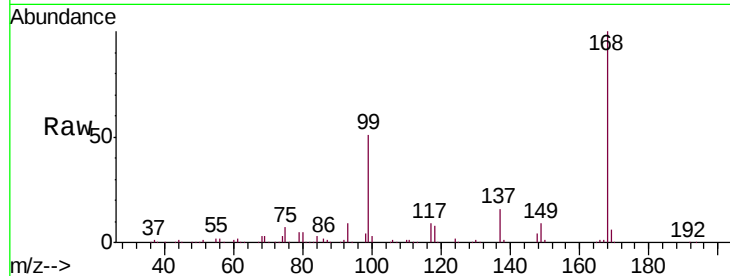
MW-9B

Tot Ion:168 Resp: 813609

Ion Ratio Lower Upper

168 100

99 50.6 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

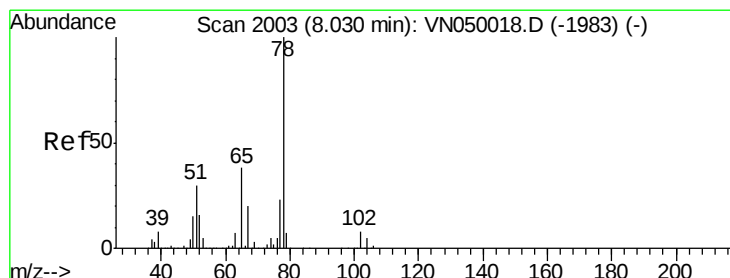
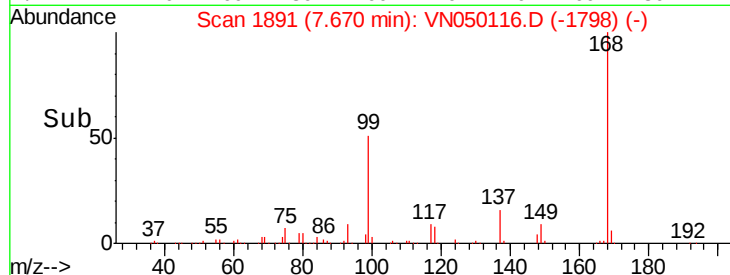
200000

100000

0

Time-->

7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 45.68 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050116.D

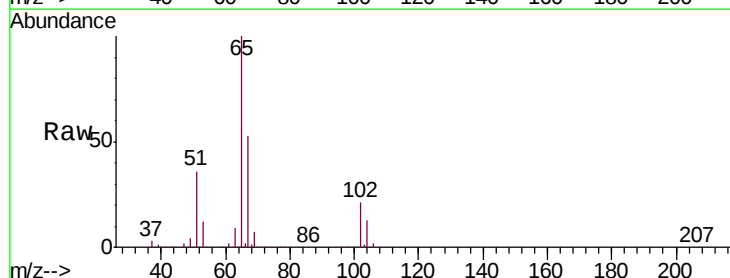
Acq: 27 Jul 2018 6:08

Tgt Ion: 65 Resp: 518517

Ion Ratio Lower Upper

65 100

67 52.8 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

250000

200000

150000

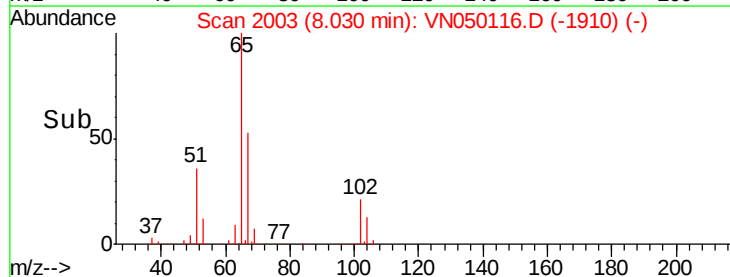
100000

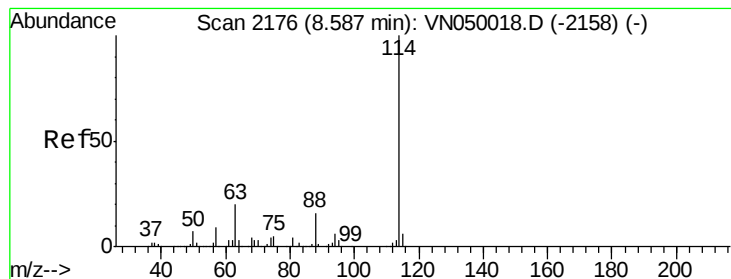
50000

0

Time-->

7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050116.D

Acq: 27 Jul 2018 6:08

Instrument :

MSVOA_N

ClientSampleId :

MW-9B

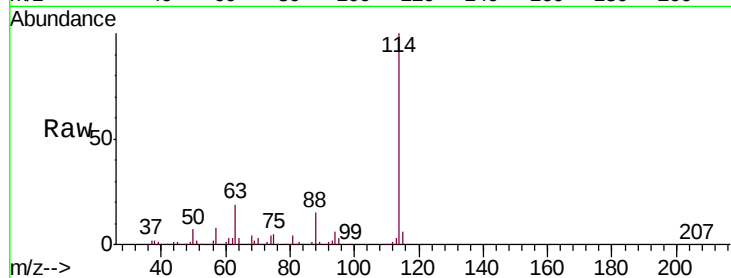
Tot Ion:114 Resp: 1260478

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.0

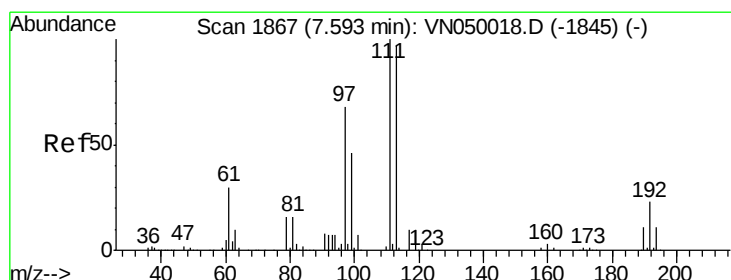
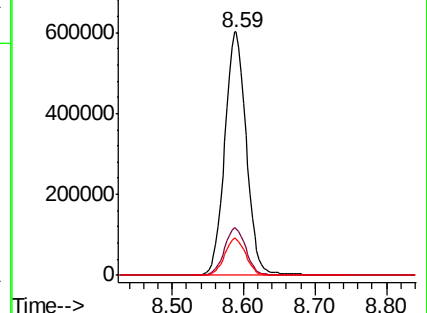
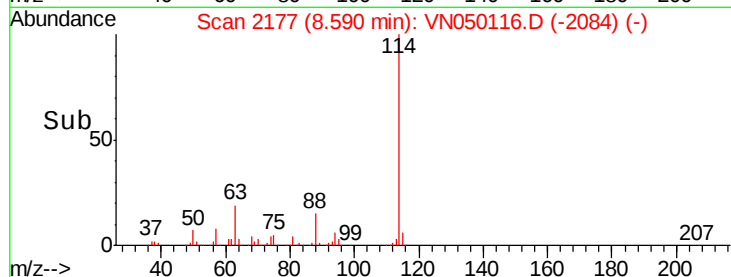
88 15.1 0.0 31.2



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: 45.67 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN050116.D

Acq: 27 Jul 2018 6:08

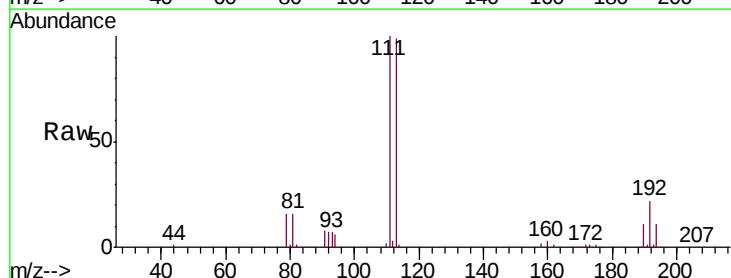
Tgt Ion:113 Resp: 469979

Ion Ratio Lower Upper

113 100

111 101.7 80.7 121.1

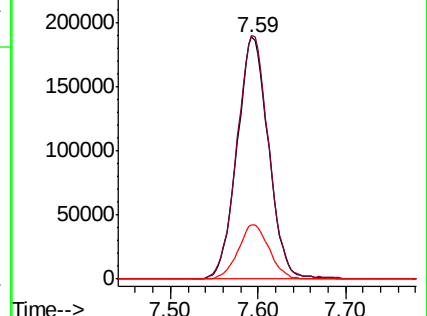
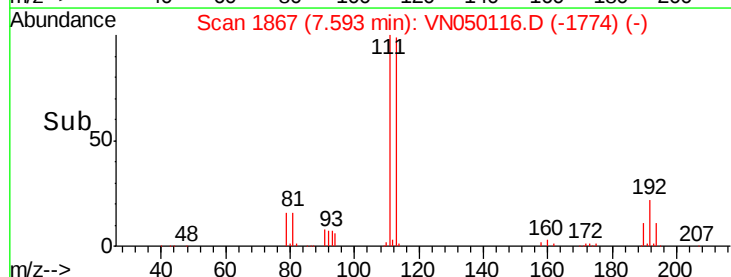
192 22.3 17.8 26.6

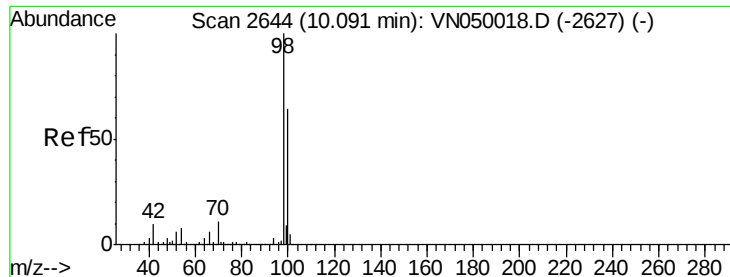


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 45.31 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050116.D

Acq: 27 Jul 2018 6:08

Instrument :

MSVOA_N

ClientSampled :

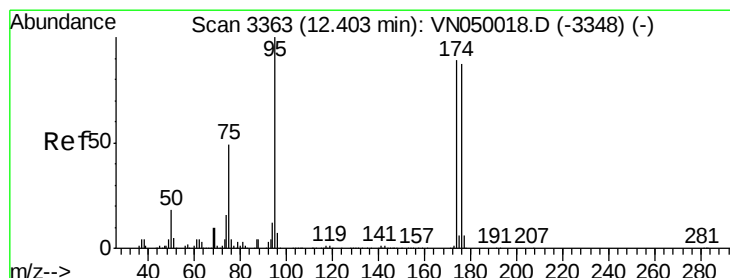
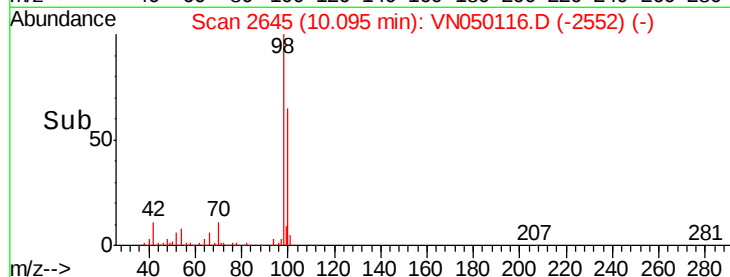
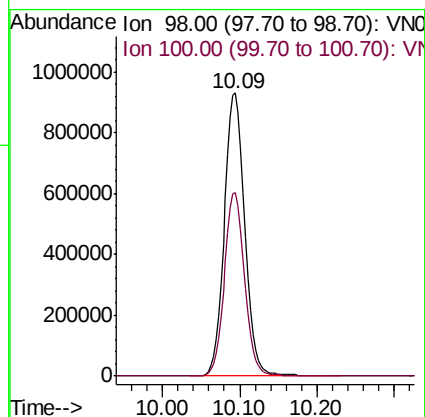
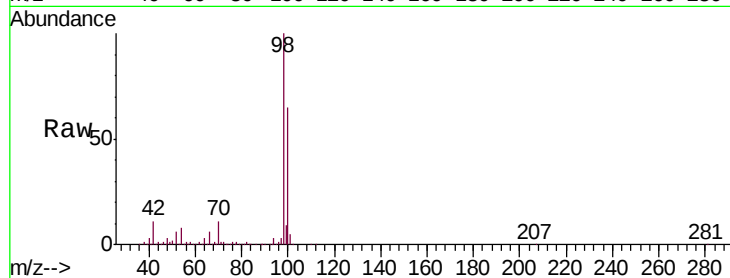
MW-9B

Tot Ion: 98 Resp: 1714166

Ion Ratio Lower Upper

98 100

100 64.1 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 40.64 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050116.D

Acq: 27 Jul 2018 6:08

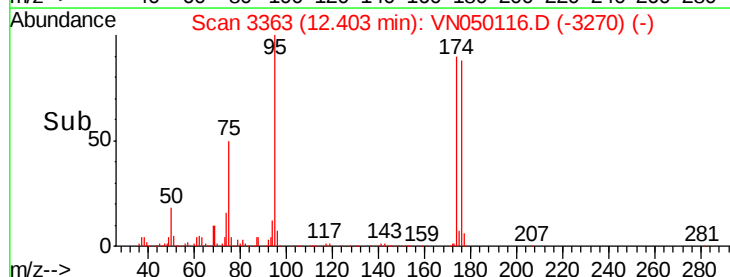
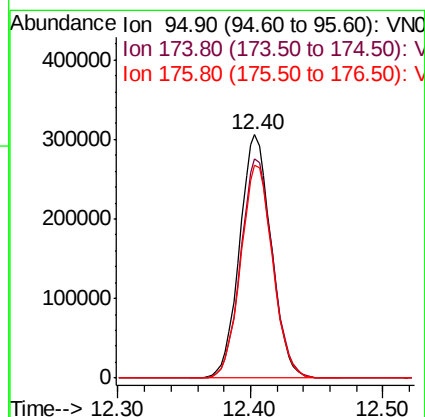
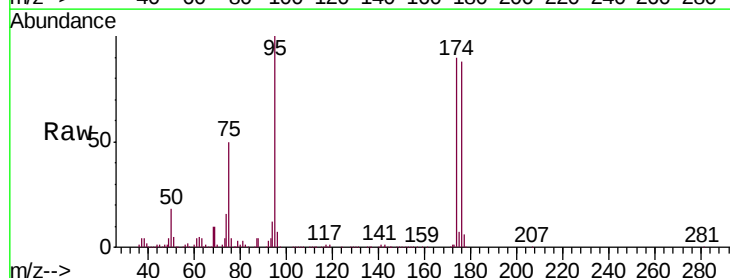
Tgt Ion: 95 Resp: 506301

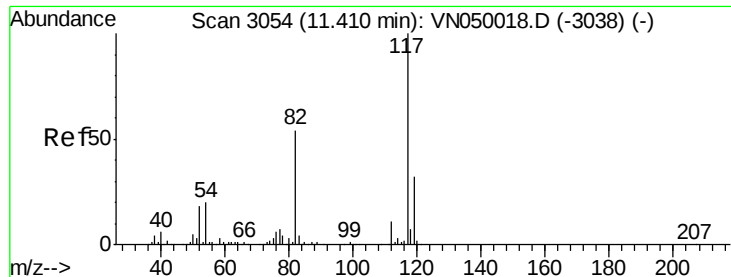
Ion Ratio Lower Upper

95 100

174 91.2 0.0 178.2

176 88.3 0.0 173.4

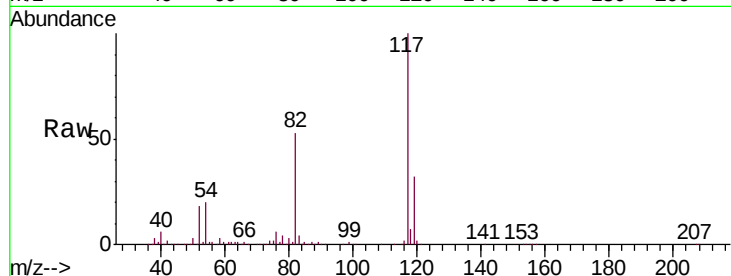




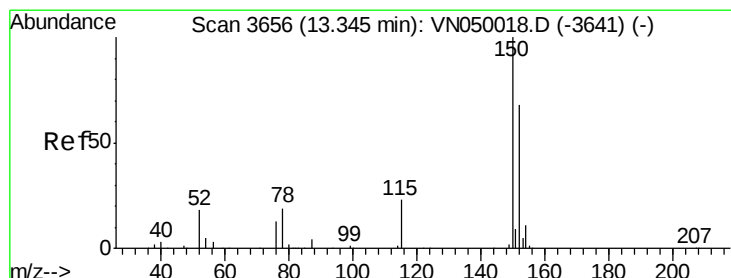
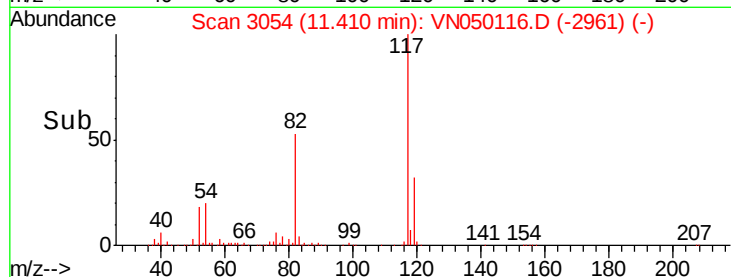
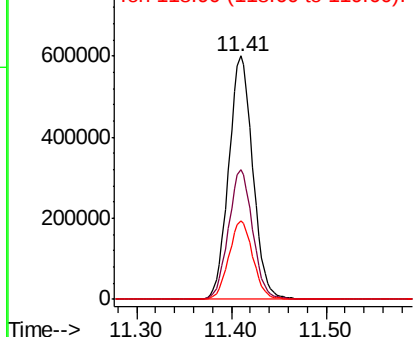
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050116.D
Acq: 27 Jul 2018 6:08

Instrument :
MSVOA_N
ClientSampled :
MW-9B

Tot Ion:117 Resp: 1061974
Ion Ratio Lower Upper
117 100
82 53.5 43.7 65.5
119 32.3 26.1 39.1

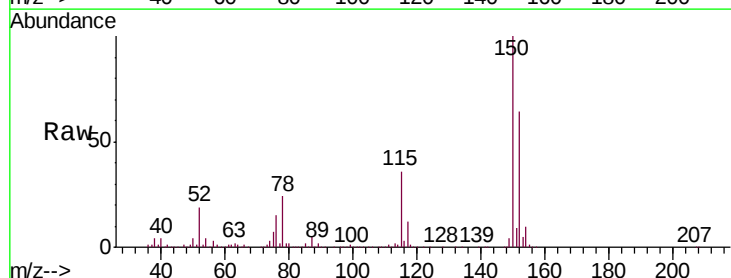


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

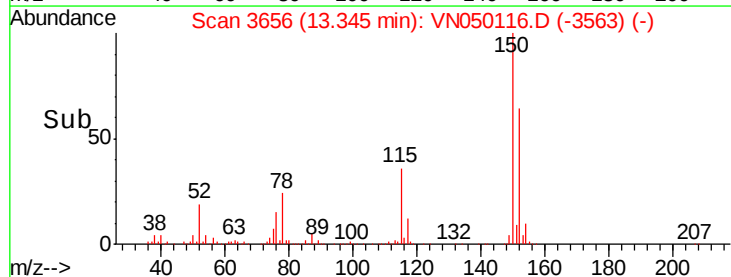
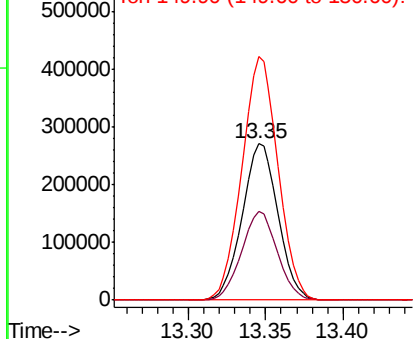


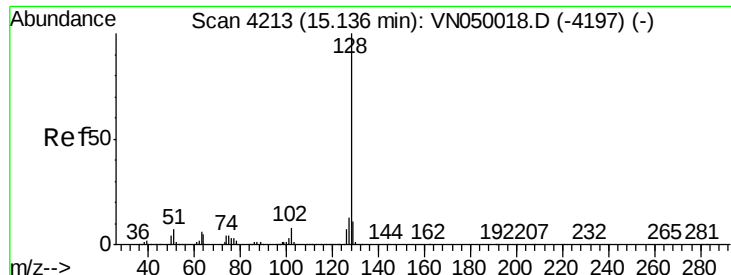
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050116.D
Acq: 27 Jul 2018 6:08

Tgt Ion:152 Resp: 437017
Ion Ratio Lower Upper
152 100
115 56.4 27.8 83.3
150 156.5 0.0 348.6



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

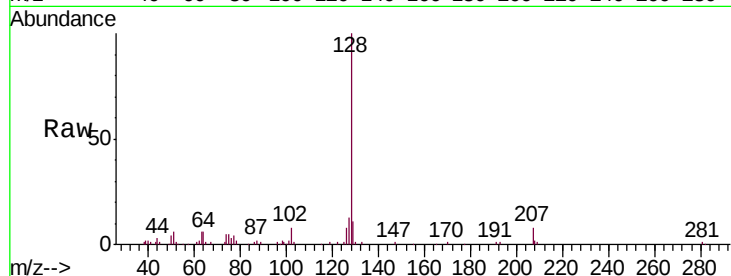




#95
 Naphthalene
 Concen: 7.74 ug/l
 RT: 15.14 min Scan# 4213
 Delta R.T. 0.00 min
 Lab File: VN050116.D
 Acq: 27 Jul 2018 6:08

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-9B

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	12.2	8.8	13.2



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

