

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
 Data File : VN050108.D
 Acq On : 27 Jul 2018 2:50
 Operator : MD\SY
 Sample : J4163-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-14

Quant Time: Jul 27 11:54:59 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	693406	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1117221	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	941074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	370589	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	484409	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
35) Dibromofluoromethane	7.60	113	424655	46.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.10%	
50) Toluene-d8	10.09	98	1528587	45.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.16%	
62) 4-Bromofluorobenzene	12.40	95	445131	40.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.62%	

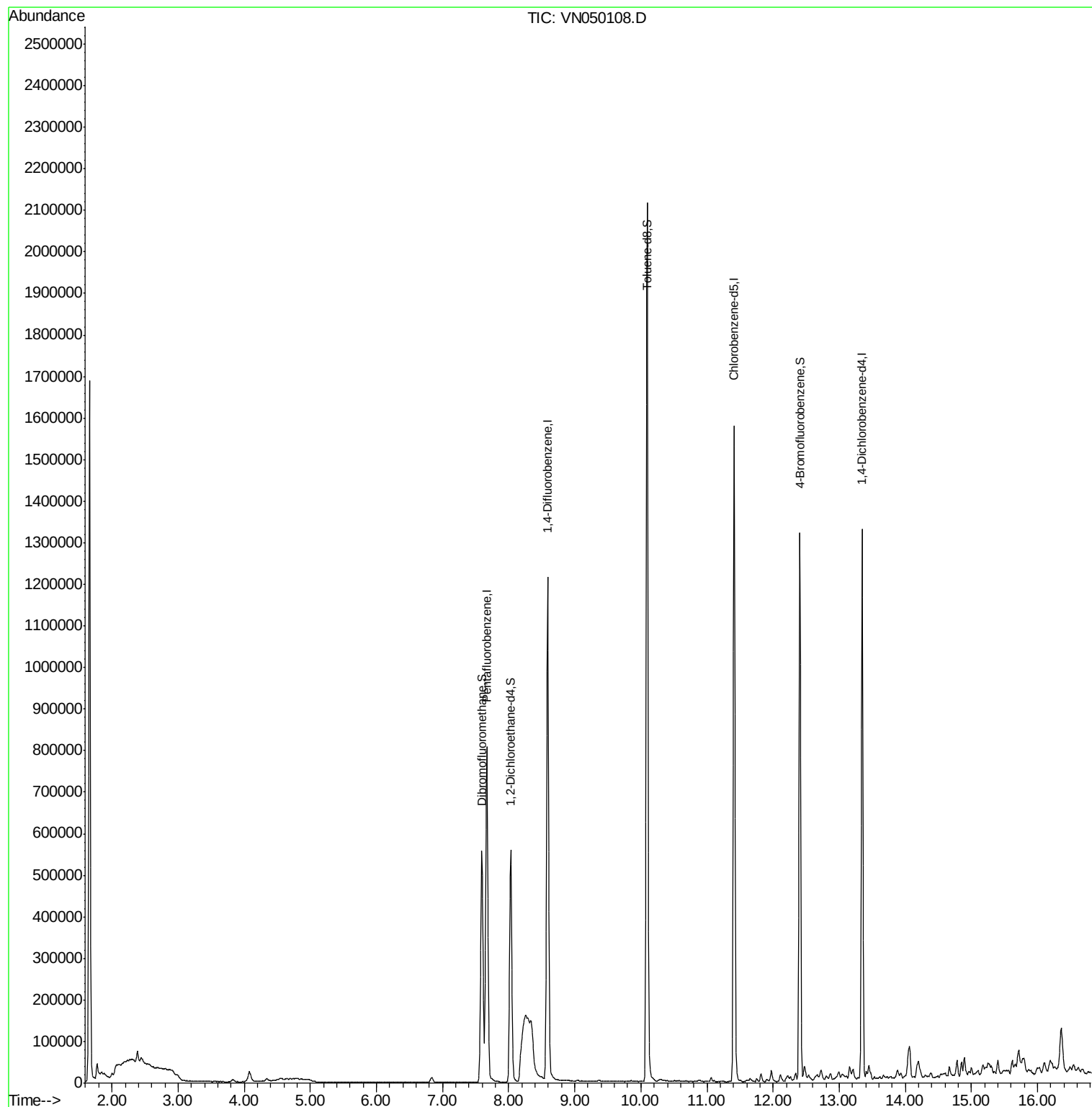
Target Compounds	Qvalue

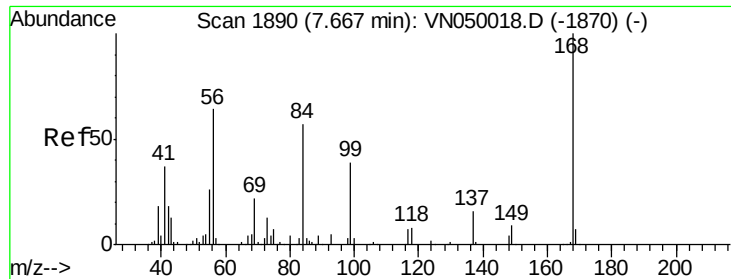
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050108.D

Acq: 27 Jul 2018 2:50

Instrument :

MSVOA_N

ClientSampleId :

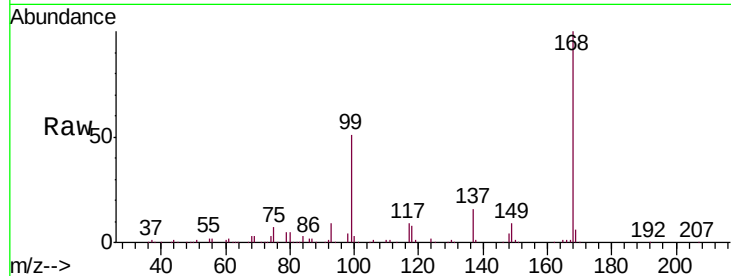
MW-14

Tot Ion:168 Resp: 693406

Ion Ratio Lower Upper

168 100

99 51.4 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

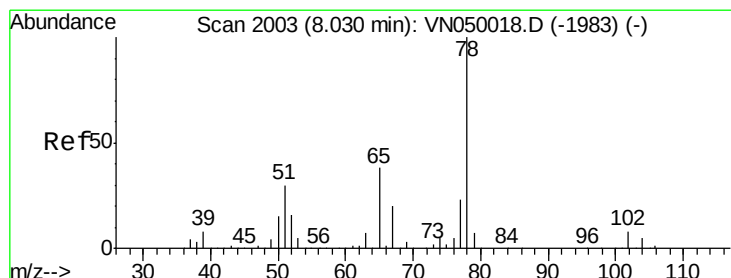
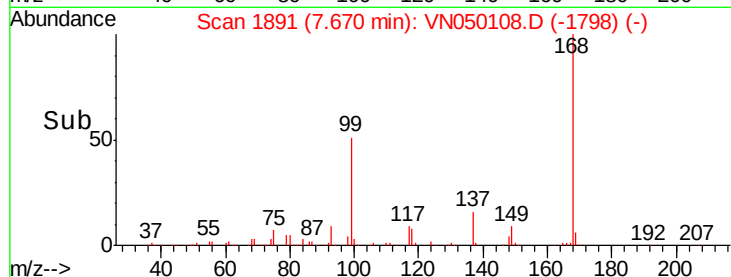
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.07 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050108.D

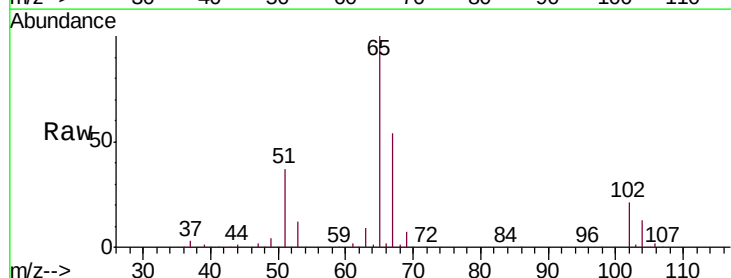
Acq: 27 Jul 2018 2:50

Tgt Ion: 65 Resp: 484409

Ion Ratio Lower Upper

65 100

67 53.2 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

200000

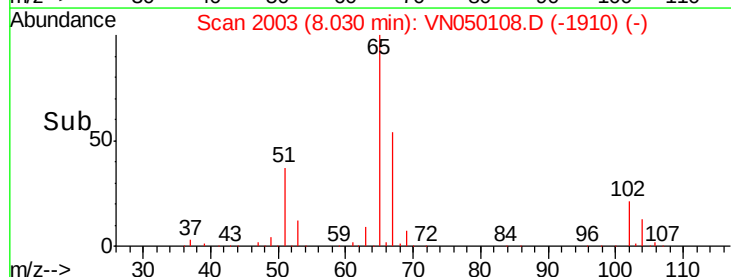
150000

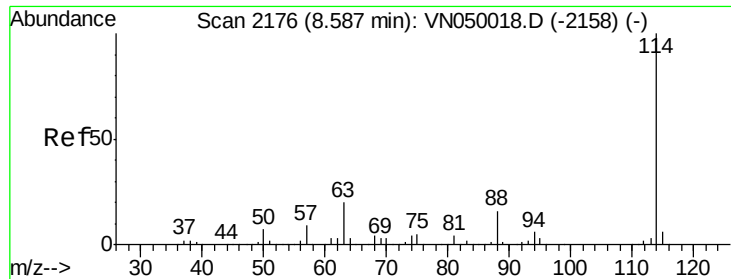
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050108.D

Acq: 27 Jul 2018 2:50

Instrument :

MSVOA_N

ClientSampleId :

MW-14

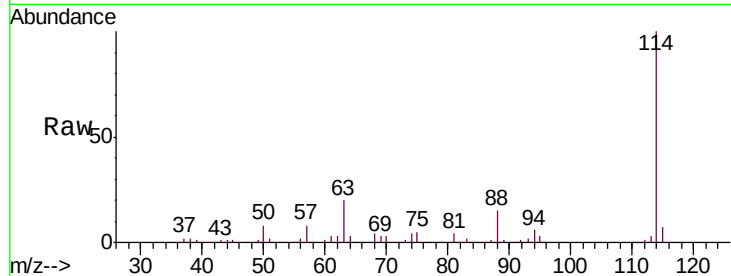
Tot Ion:114 Resp: 1117221

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

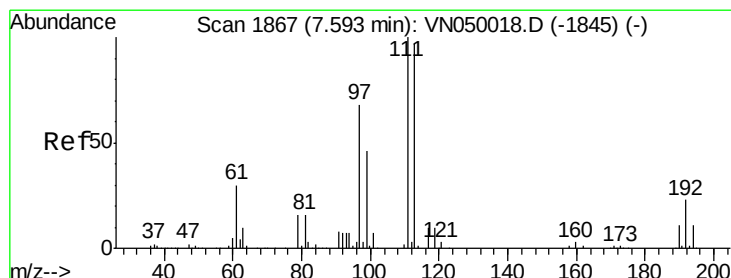
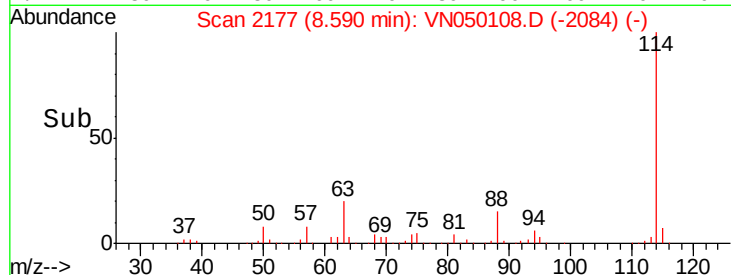
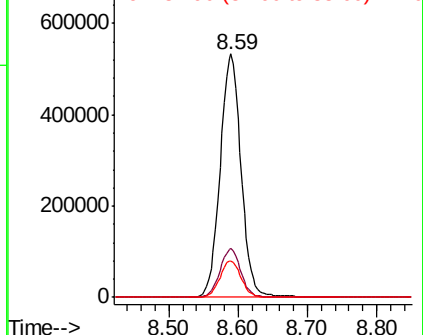
88 15.1 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 46.55 ug/l

RT: 7.60 min Scan# 1868

Delta R.T. 0.00 min

Lab File: VN050108.D

Acq: 27 Jul 2018 2:50

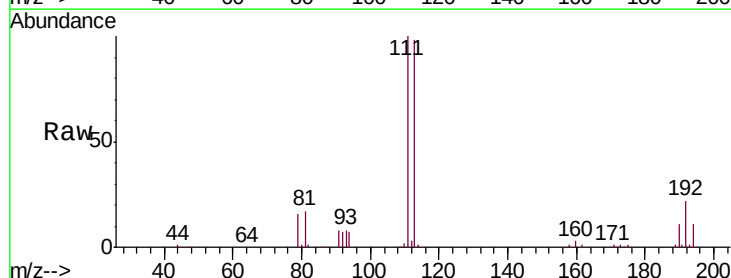
Tgt Ion:113 Resp: 424655

Ion Ratio Lower Upper

113 100

111 102.8 80.7 121.1

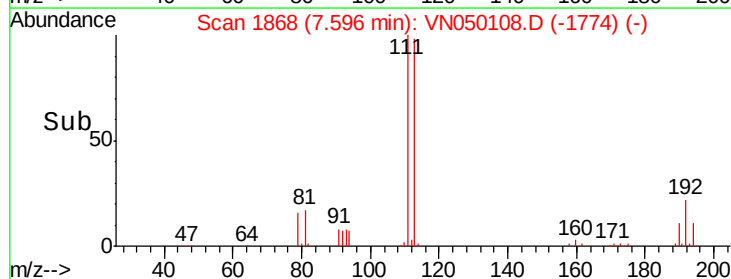
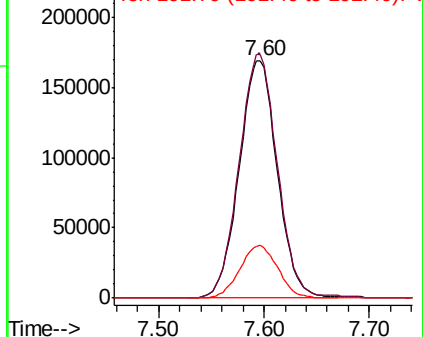
192 22.1 17.8 26.6

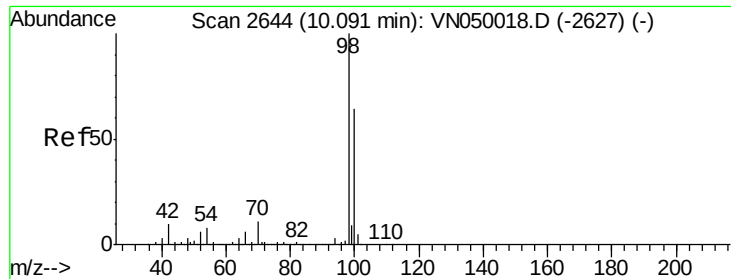


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

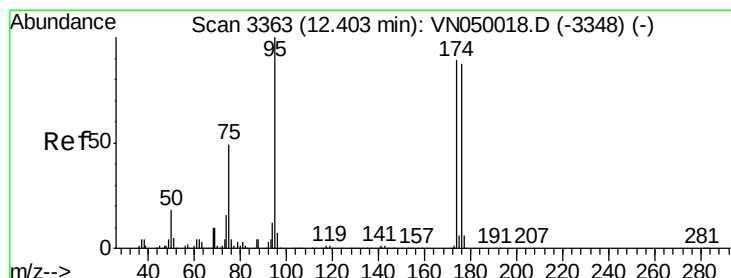
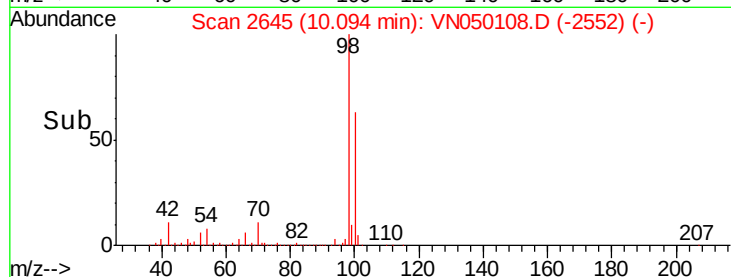
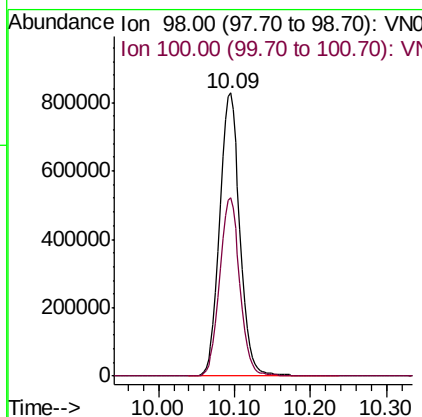
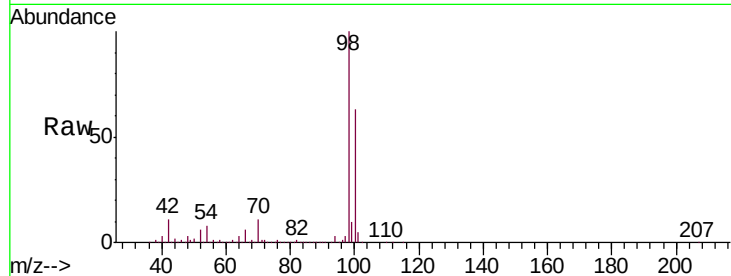




#50
Toluene-d8
Concen: 45.58 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050108.D
Acq: 27 Jul 2018 2:50

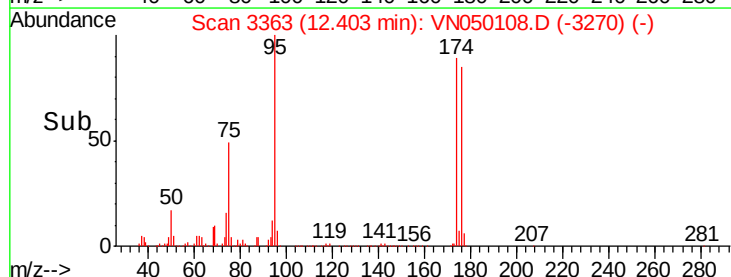
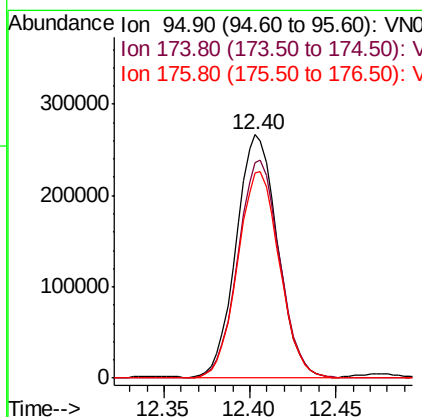
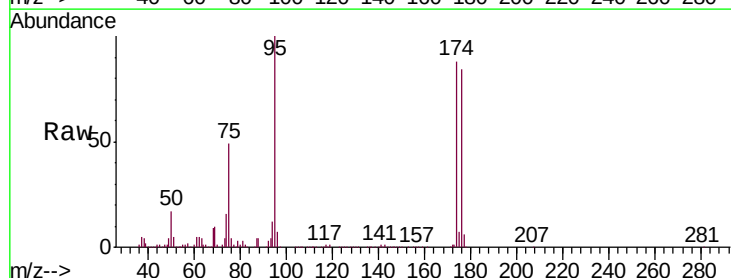
Instrument :
MSVOA_N
ClientSampleId :
MW-14

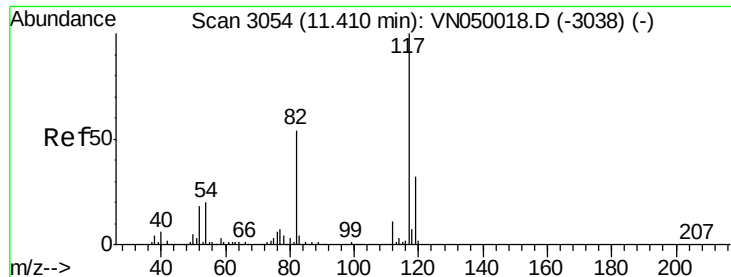
Tot Ion: 98 Resp: 1528587
Ion Ratio Lower Upper
98 100
100 62.9 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 40.31 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050108.D
Acq: 27 Jul 2018 2:50

Tgt Ion: 95 Resp: 445131
Ion Ratio Lower Upper
95 100
174 90.9 0.0 178.2
176 86.5 0.0 173.4

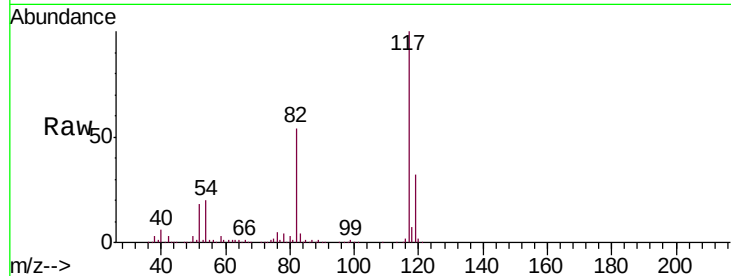




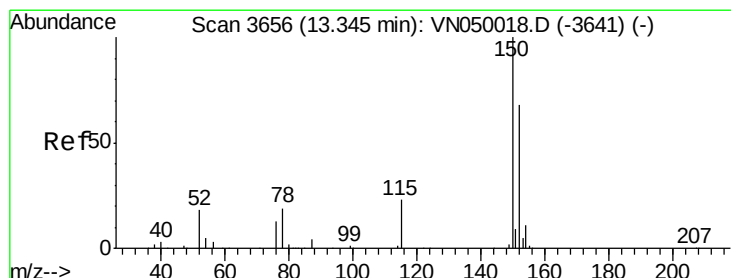
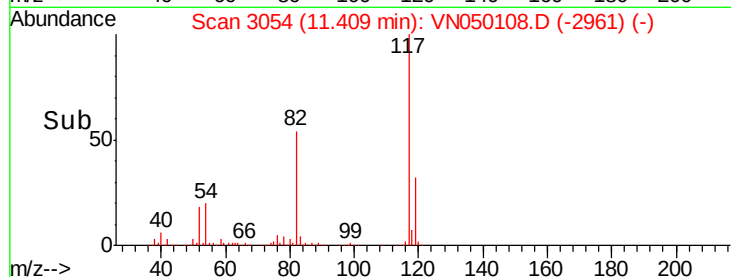
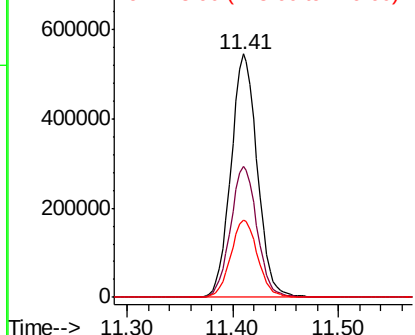
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050108.D
Acq: 27 Jul 2018 2:50

Instrument :
MSVOA_N
ClientSampled :
MW-14

Tot Ion:117 Resp: 941074
Ion Ratio Lower Upper
117 100
82 53.8 43.7 65.5
119 31.9 26.1 39.1

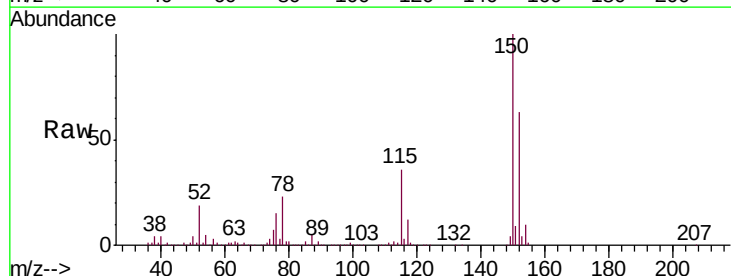


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050108.D
Acq: 27 Jul 2018 2:50

Tgt Ion:152 Resp: 370589
Ion Ratio Lower Upper
152 100
115 56.9 27.8 83.3
150 158.1 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

