

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072718\
 Data File : VN050163.D
 Acq On : 28 Jul 2018 5:53
 Operator : MD\SY
 Sample : J4199-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-33

Quant Time: Aug 02 02:08:38 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

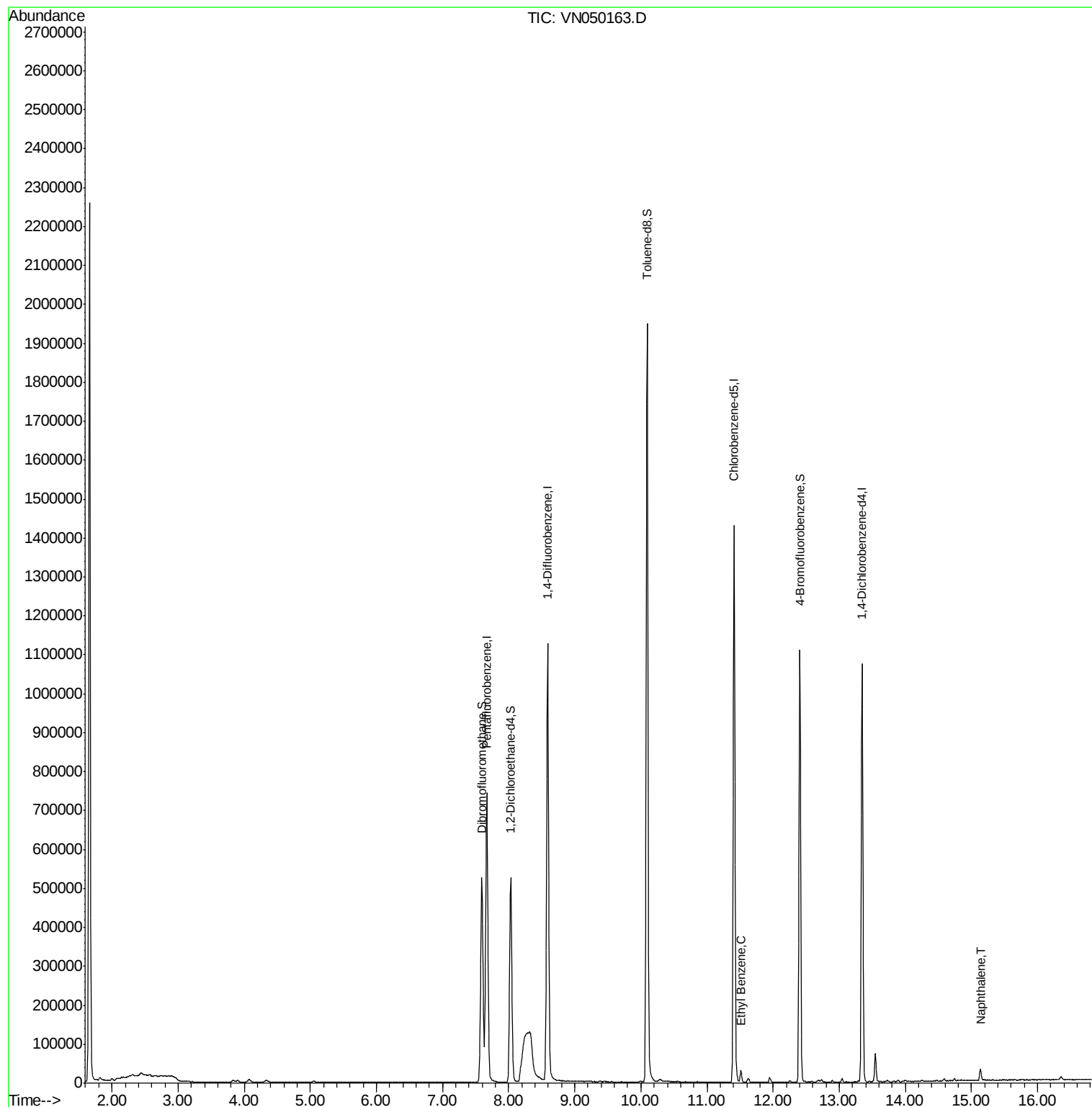
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	633054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1044607	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	854470	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	311633	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	441827	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
35) Dibromofluoromethane	7.59	113	404245	47.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.80%	
50) Toluene-d8	10.09	98	1413049	45.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.12%	
62) 4-Bromofluorobenzene	12.40	95	386046	37.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.78%	
Target Compounds						
67) Ethyl Benzene	11.51	91	21030	0.607	ug/l	98
95) Naphthalene	15.14	128	24742	6.000	ug/l	99

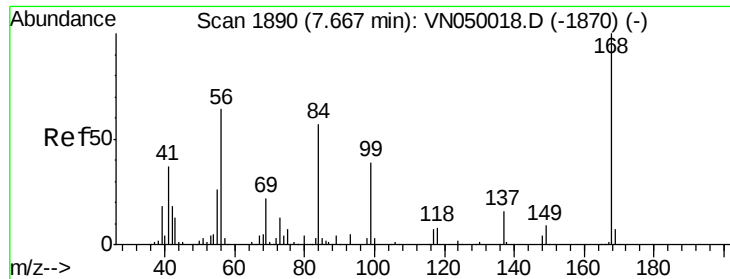
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

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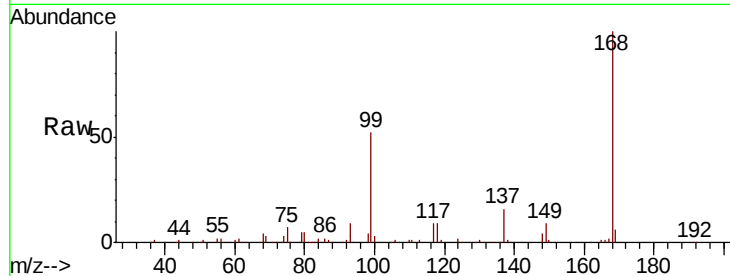
MW-33

Tgt Ion:168 Resp: 633054

Ion Ratio Lower Upper

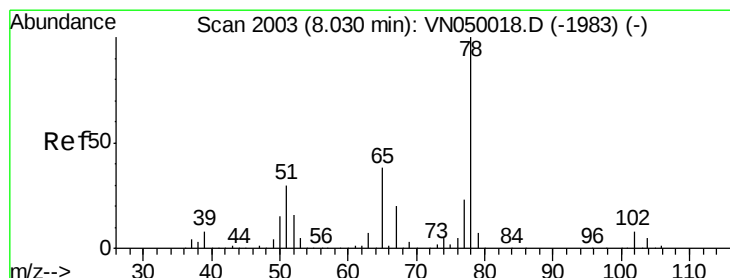
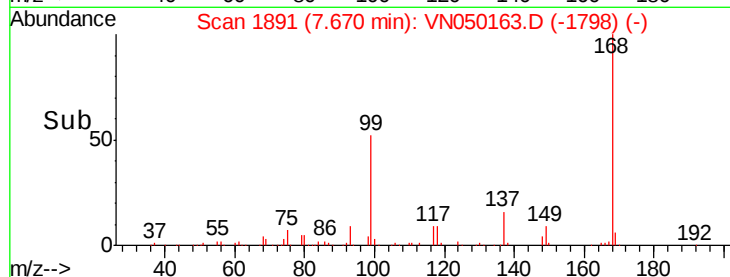
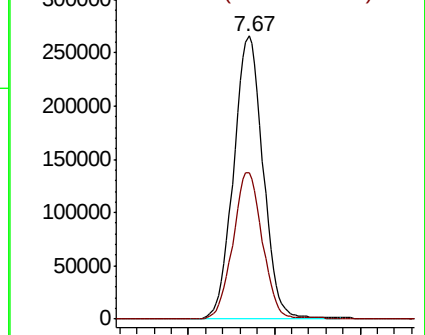
168 100

99 51.9 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 50.022 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050163.D

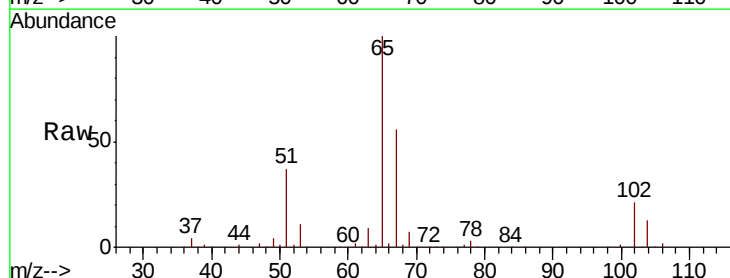
Acq: 28 Jul 2018 5:53

Tgt Ion: 65 Resp: 441827

Ion Ratio Lower Upper

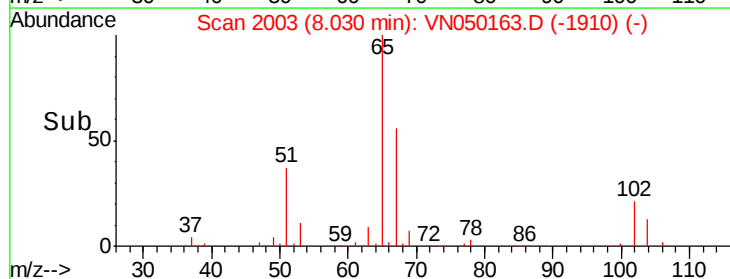
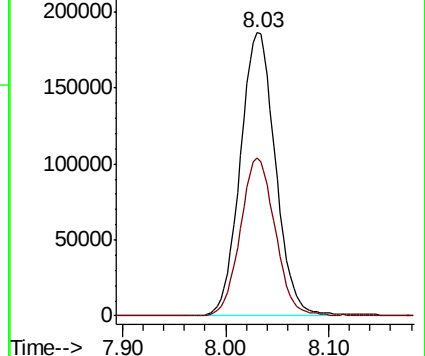
65 100

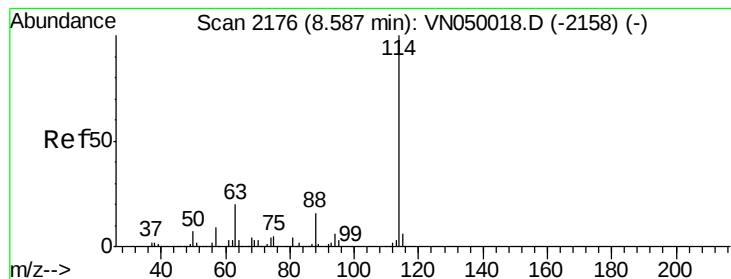
67 55.0 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050163.D

Acq: 28 Jul 2018 5:53

Instrument :

MSVOA_N

ClientSampleId :

MW-33

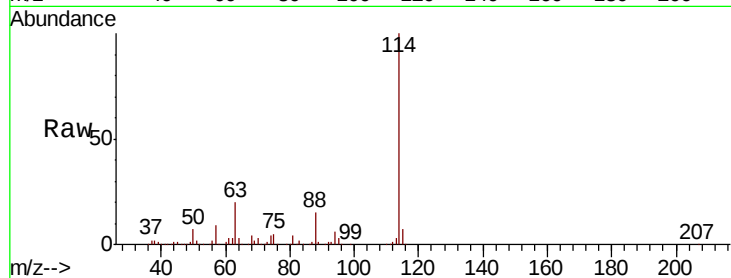
Tgt Ion:114 Resp: 1044607

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

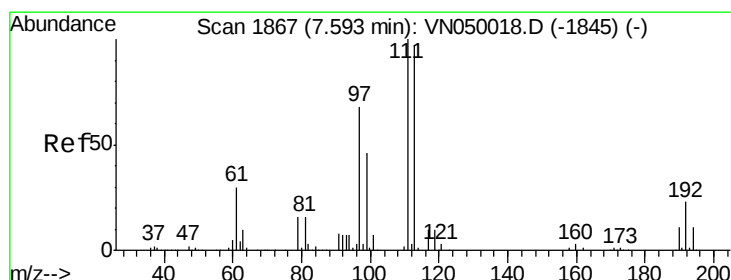
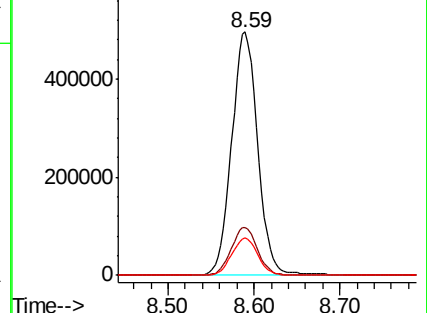
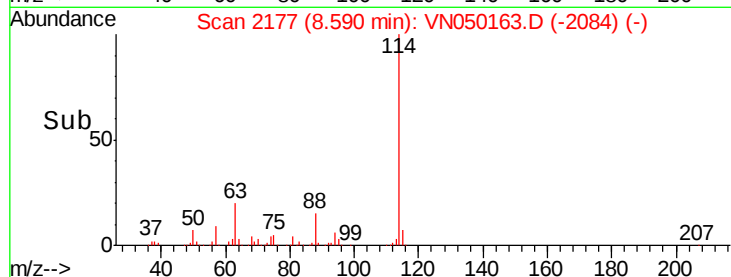
88 15.4 0.0 31.2



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: 47.397 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN050163.D

Acq: 28 Jul 2018 5:53

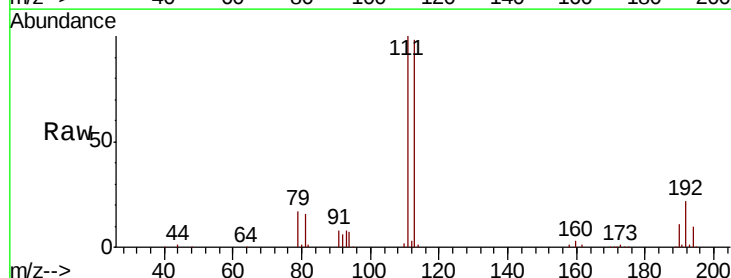
Tgt Ion:113 Resp: 404245

Ion Ratio Lower Upper

113 100

111 102.1 80.7 121.1

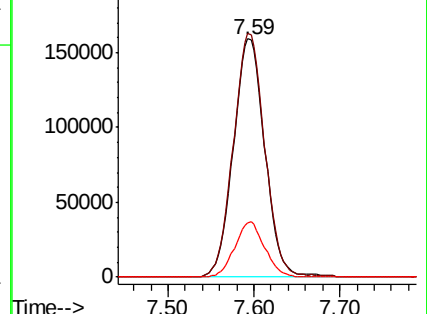
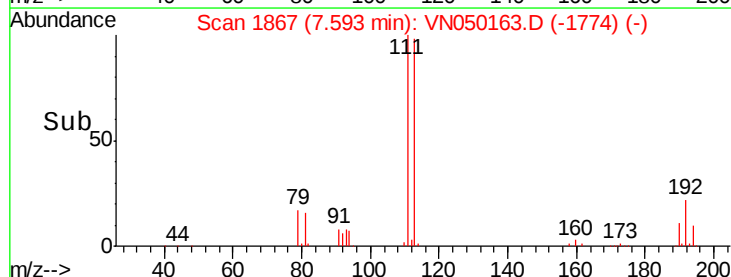
192 22.0 17.8 26.6

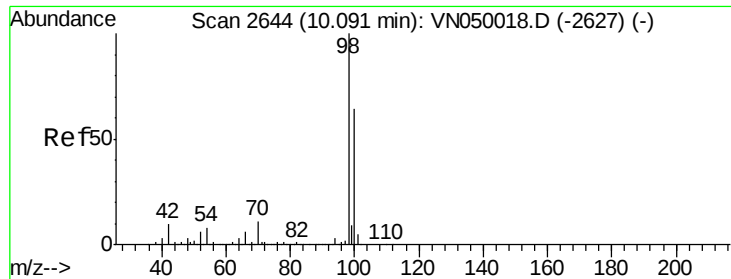


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

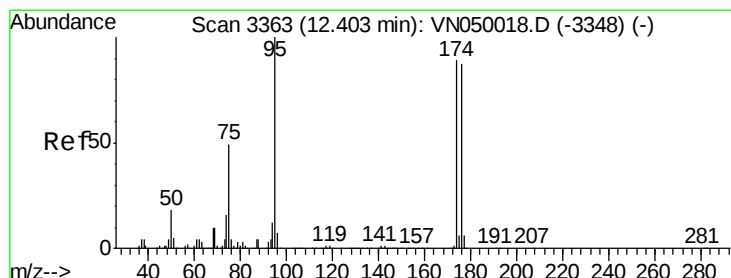
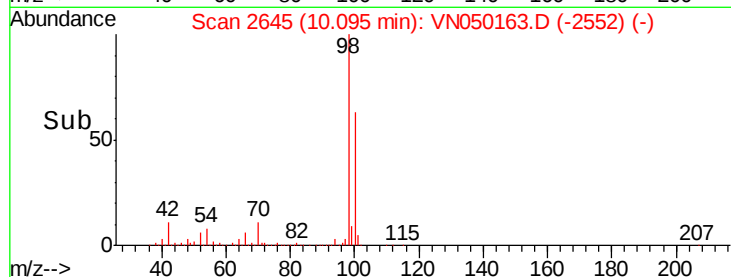
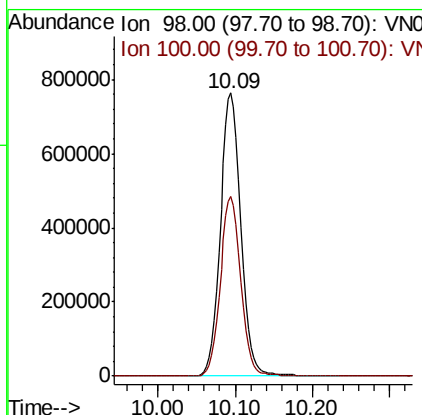
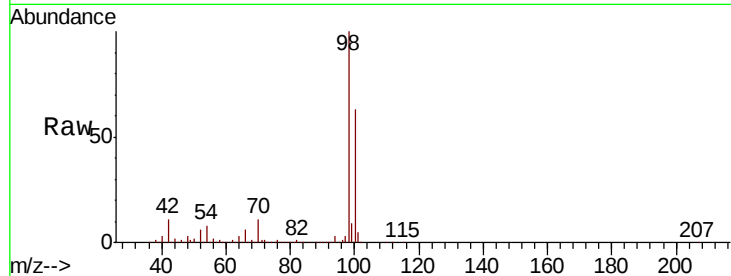




#50
Toluene-d8
Concen: 45.065 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050163.D
Acq: 28 Jul 2018 5:53

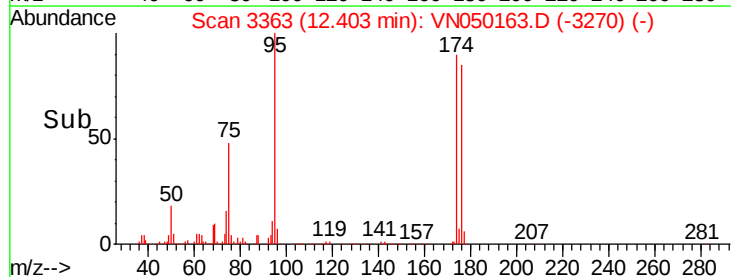
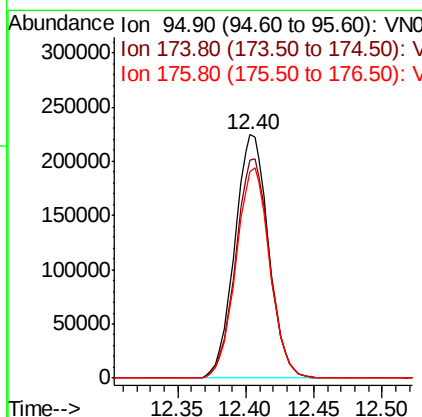
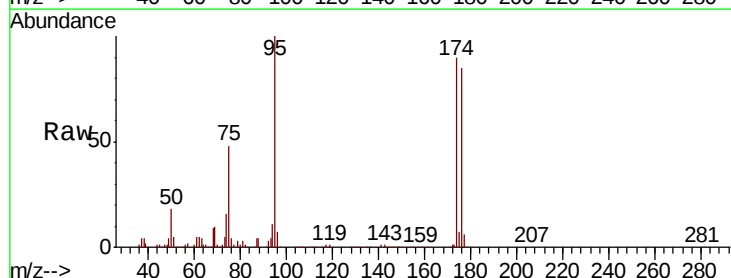
Instrument :
MSVOA_N
ClientSampled :
MW-33

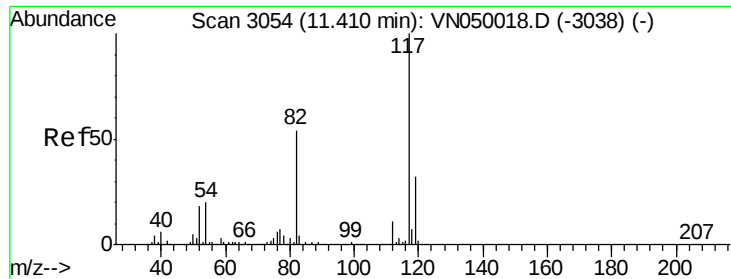
Tgt Ion: 98 Resp: 1413049
Ion Ratio Lower Upper
98 100
100 63.3 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 37.390 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050163.D
Acq: 28 Jul 2018 5:53

Tgt Ion: 95 Resp: 386046
Ion Ratio Lower Upper
95 100
174 90.9 0.0 178.2
176 86.3 0.0 173.4

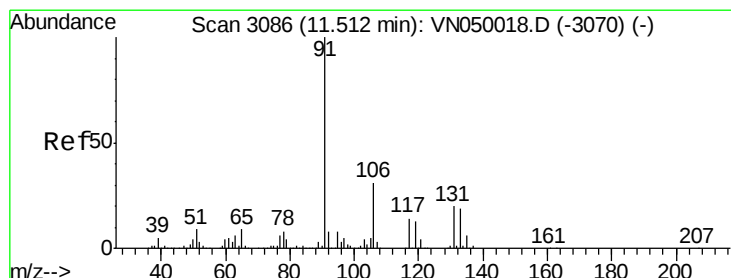
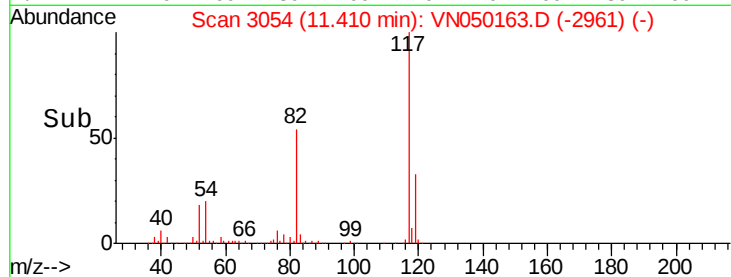
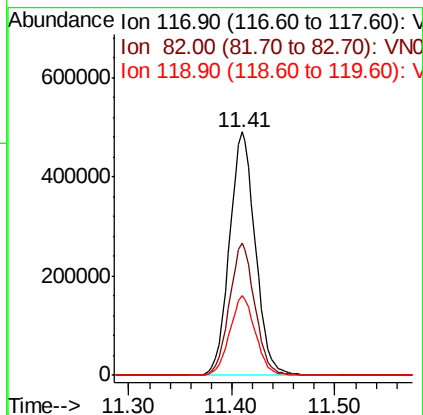
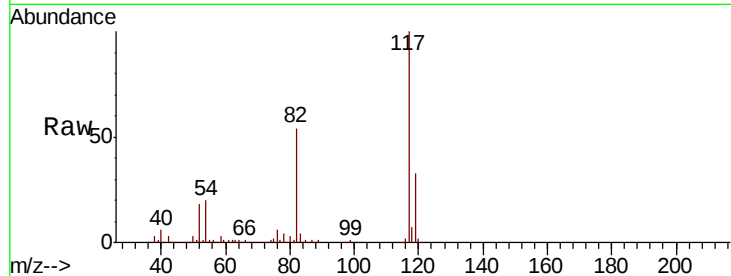




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050163.D
Acq: 28 Jul 2018 5:53

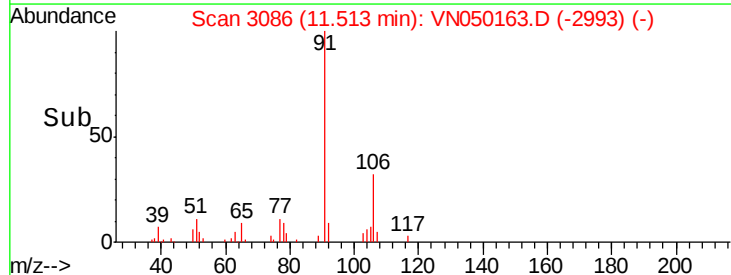
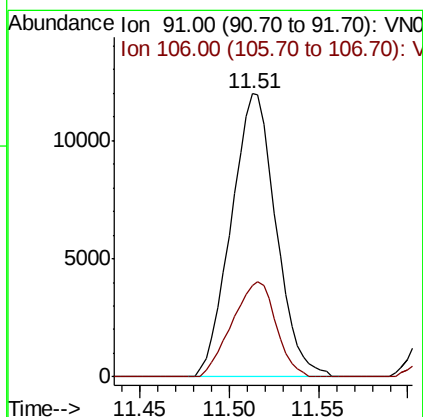
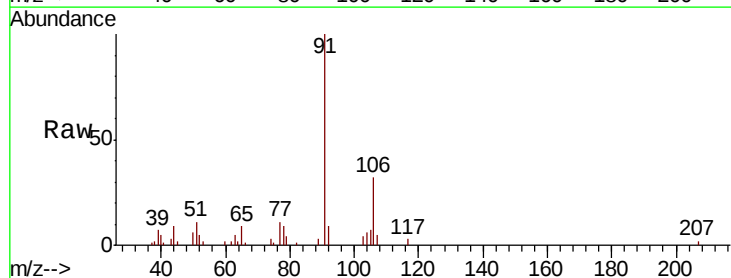
Instrument :
MSVOA_N
ClientSampleId :
MW-33

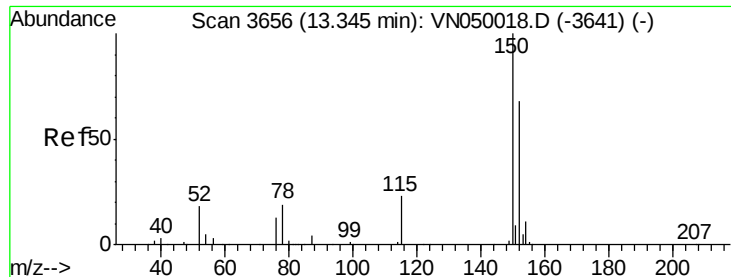
Tgt Ion: 117 Resp: 854470
Ion Ratio Lower Upper
117 100
82 54.2 43.7 65.5
119 32.6 26.1 39.1



#67
Ethyl Benzene
Concen: 0.607 ug/l
RT: 11.51 min Scan# 3086
Delta R.T. 0.00 min
Lab File: VN050163.D
Acq: 28 Jul 2018 5:53

Tgt Ion: 91 Resp: 21030
Ion Ratio Lower Upper
91 100
106 32.3 25.0 37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050163.D

Acq: 28 Jul 2018 5:53

Instrument :

MSVOA_N

ClientSampleId :

MW-33

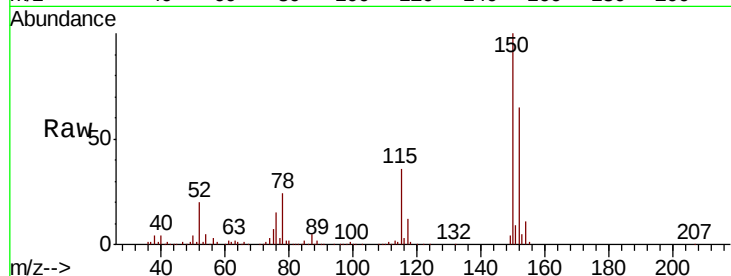
Tgt Ion:152 Resp: 311633

Ion Ratio Lower Upper

152 100

115 55.7 27.8 83.3

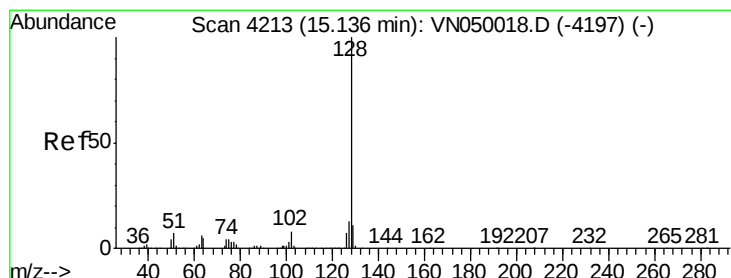
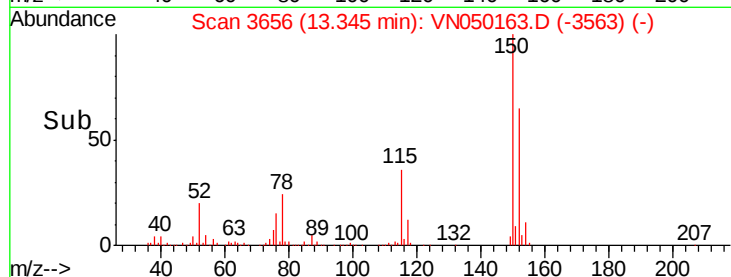
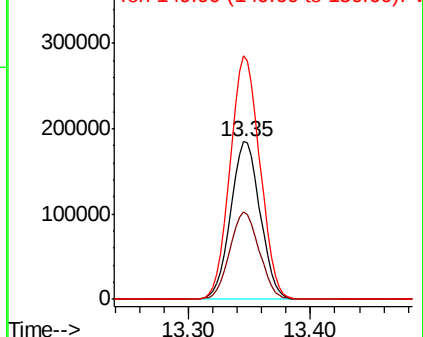
150 156.0 0.0 348.6



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: 6.000 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050163.D

Acq: 28 Jul 2018 5:53

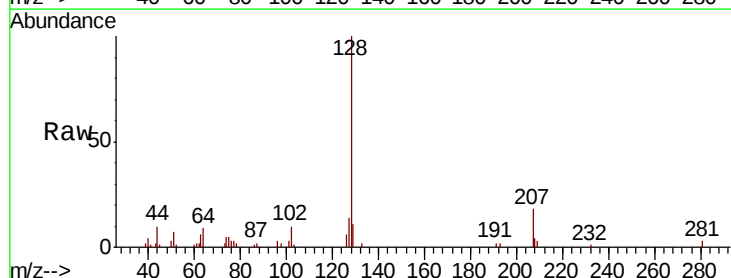
Tgt Ion:128 Resp: 24742

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.3 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

