

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041619\
 Data File : VN055078.D
 Acq On : 16 Apr 2019 15:07
 Operator : JC/SP
 Sample : PB118900TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB118900TB

Quant Time: Apr 17 02:21:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

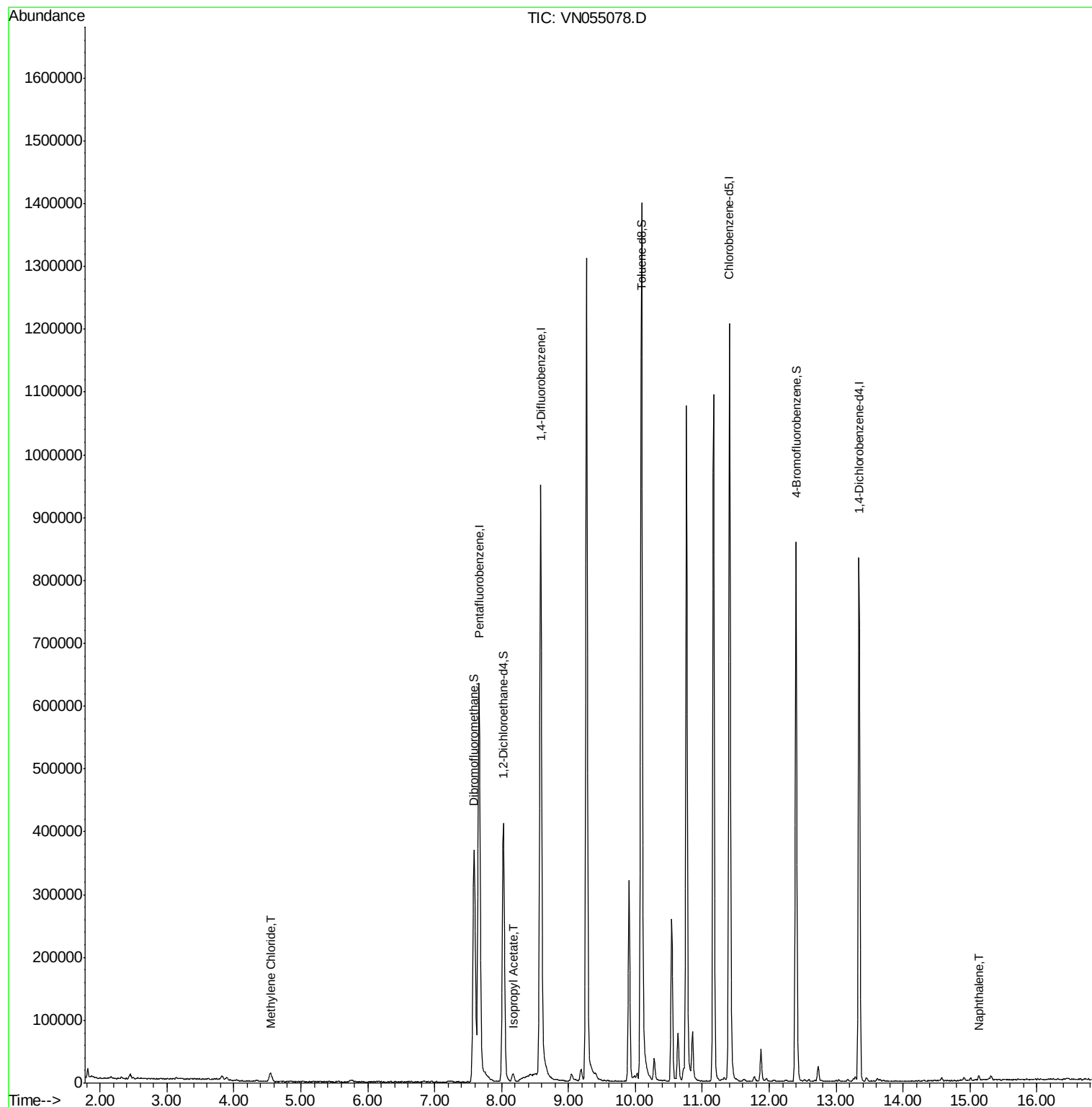
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	546062	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	890743	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	719982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	227775	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	349365	48.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.26%	
35) Dibromofluoromethane	7.59	113	281154	47.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.46%	
50) Toluene-d8	10.09	98	1053728	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
62) 4-Bromofluorobenzene	12.40	95	295563	42.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.34%	
Target Compounds						
20) Methylene Chloride	4.55	84	9315	1.345	ug/l	91
43) Isopropyl Acetate	8.17	43	15848	1.505	ug/l #	93
95) Naphthalene	15.14	128	5269	3.685	ug/l	97

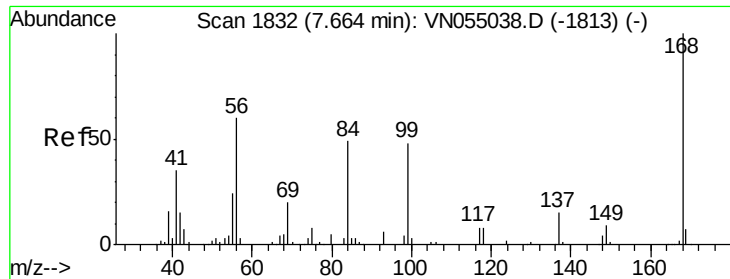
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Apr 15 12:28:28 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055078.D

Acq: 16 Apr 2019 15:07

Instrument :

MSVOA_N

ClientSampled :

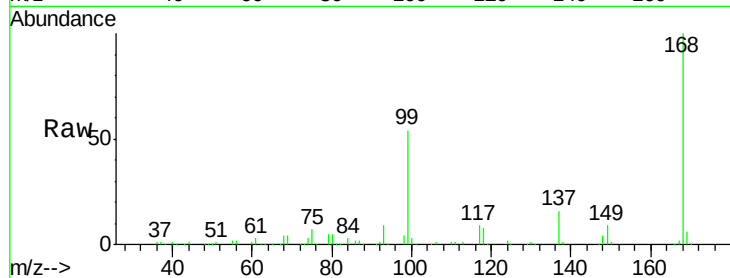
PB118900TB

Tot Ion:168 Resp: 546062

Ion Ratio Lower Upper

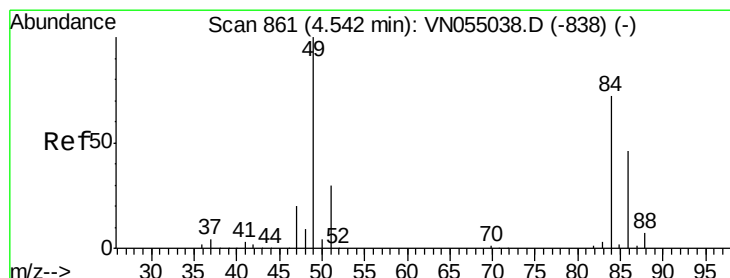
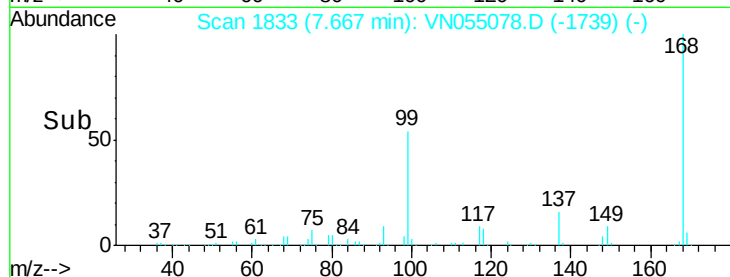
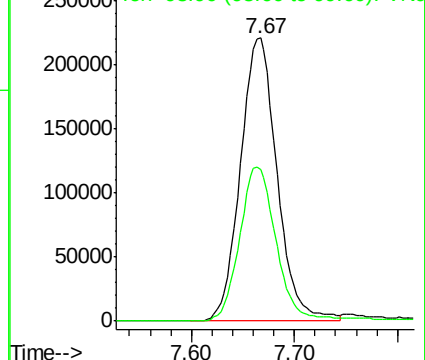
168 100

99 53.7 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 1.345 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.01 min

Lab File: VN055078.D

Acq: 16 Apr 2019 15:07

Tgt Ion: 84 Resp: 9315

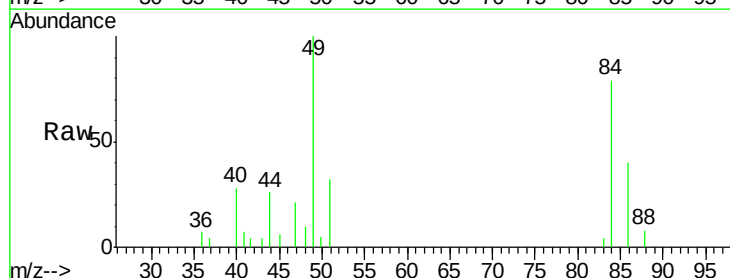
Ion Ratio Lower Upper

84 100

49 125.9 109.4 164.2

51 40.4 32.2 48.4

86 50.8 49.3 73.9

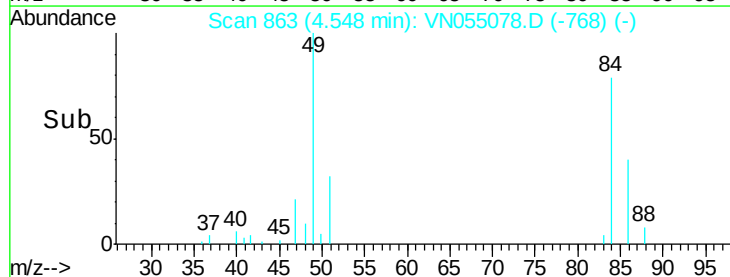
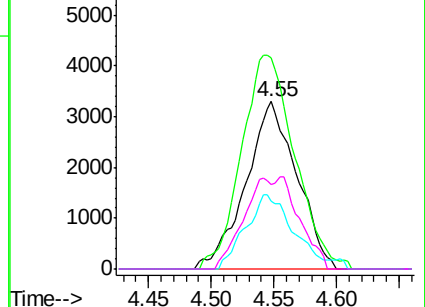


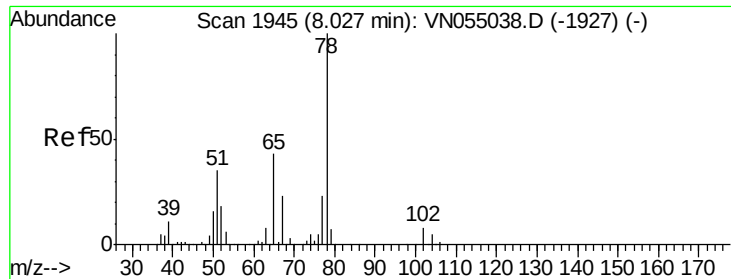
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

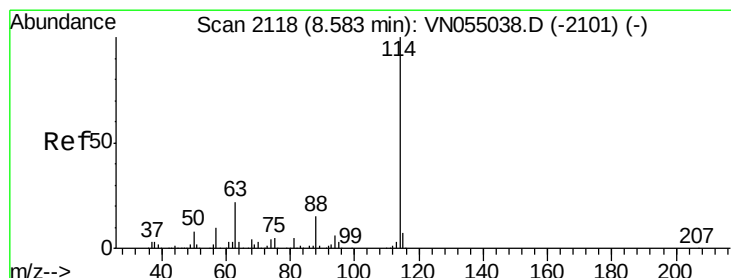
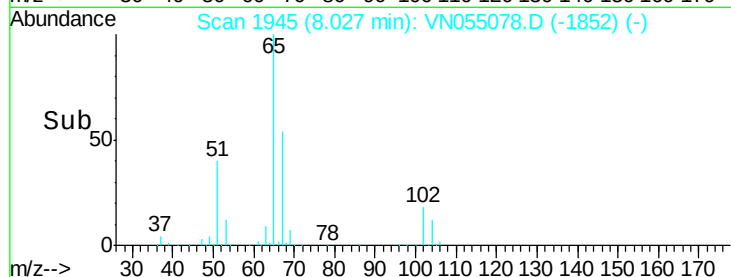
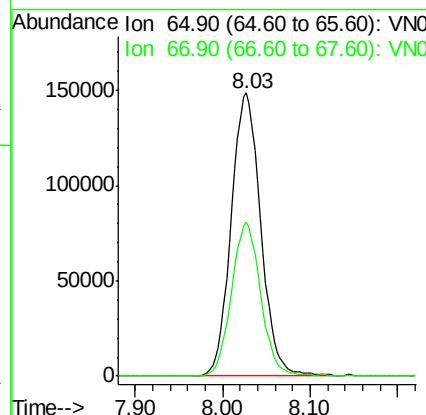
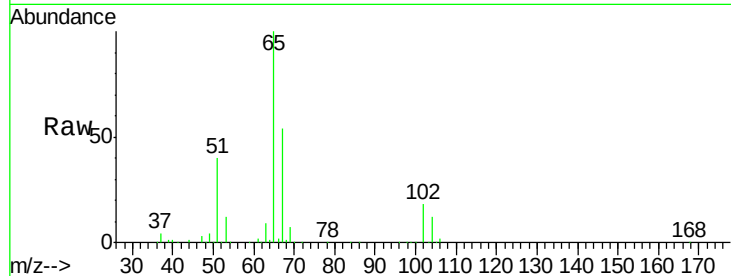




#33
 1,2-Dichloroethane-d4
 Concen: 48.132 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055078.D
 Acq: 16 Apr 2019 15:07

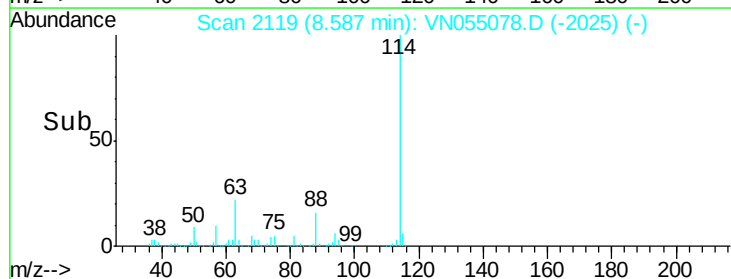
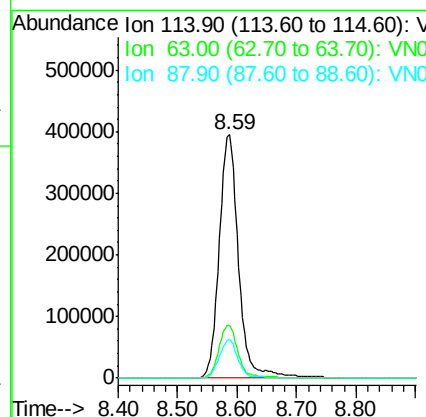
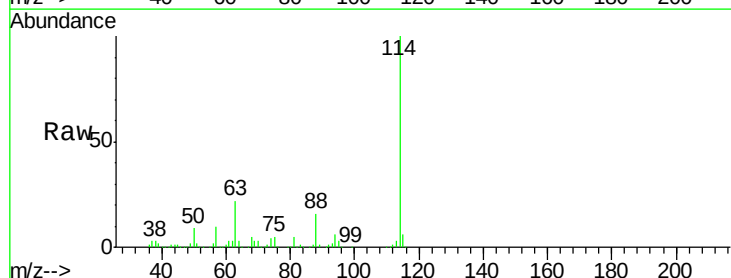
Instrument :
 MSVOA_N
 ClientSampleId :
 PB118900TB

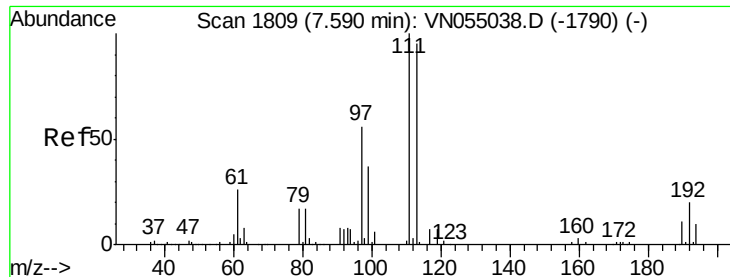
Tot Ion: 65 Resp: 349365
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055078.D
 Acq: 16 Apr 2019 15:07

Tgt Ion: 114 Resp: 890743
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 45.2
 88 15.8 0.0 31.8

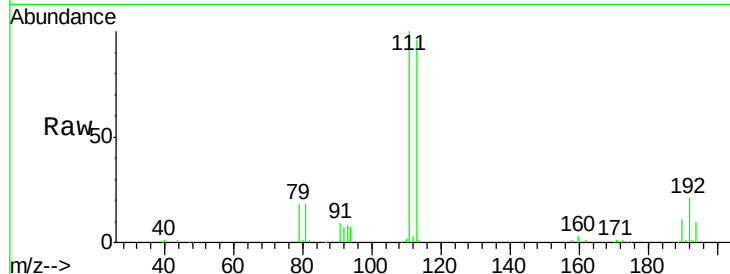




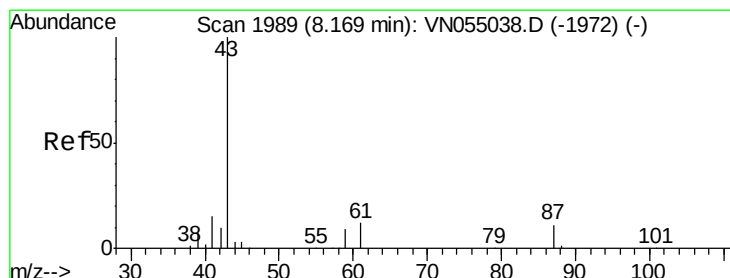
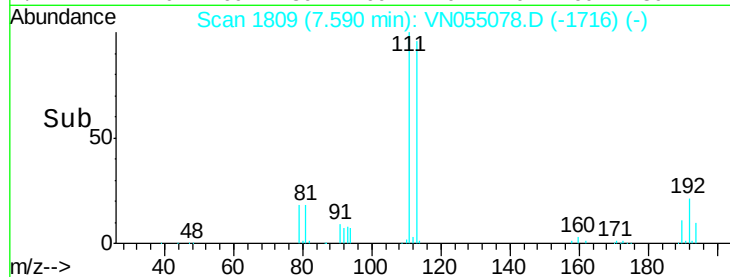
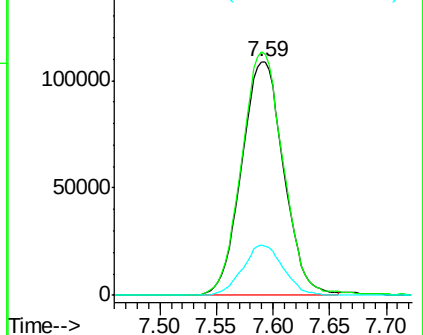
#35
 Dibromofluoromethane
 Concen: 47.230 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055078.D
 Acq: 16 Apr 2019 15:07

Instrument :
 MSVOA_N
 ClientSampled :
 PB118900TB

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.1	123.1
192	20.9	16.5	24.7

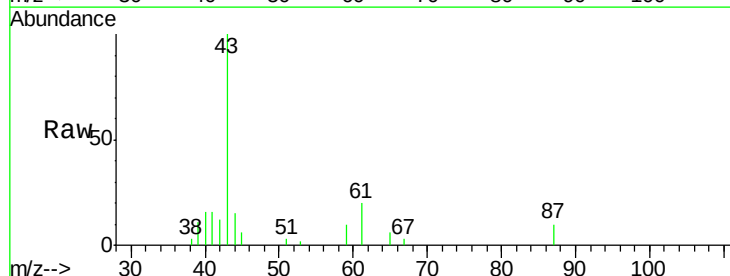


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

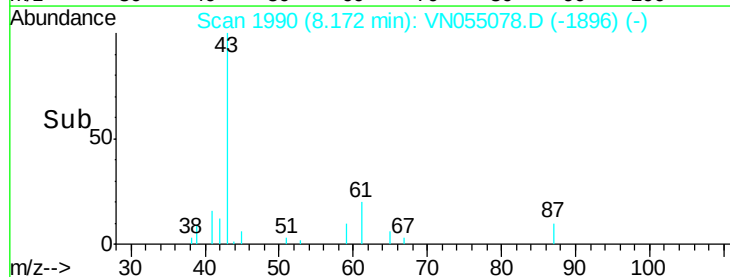
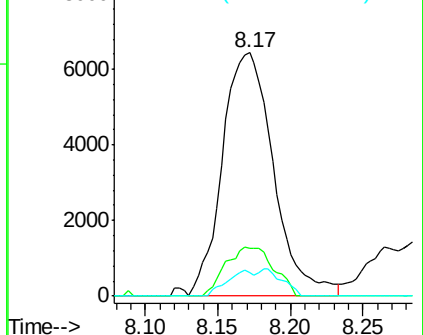


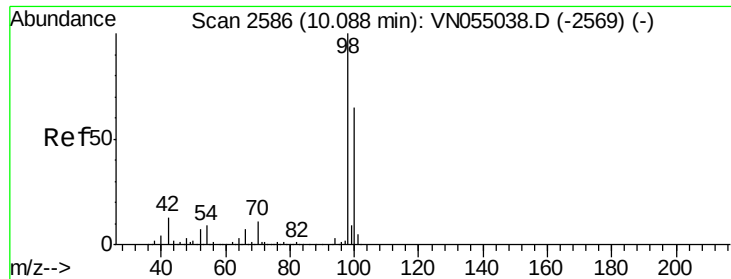
#43
 Isopropyl Acetate
 Concen: 1.505 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN055078.D
 Acq: 16 Apr 2019 15:07

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.9	14.3	21.5
87	5.5	8.6	13.0#



Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 49.457 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN055078.D

Acq: 16 Apr 2019 15:07

Instrument :

MSVOA_N

ClientSampled :

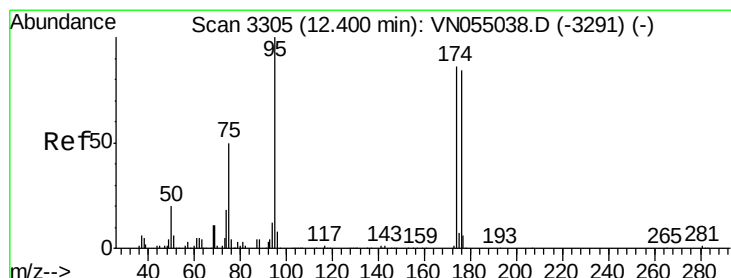
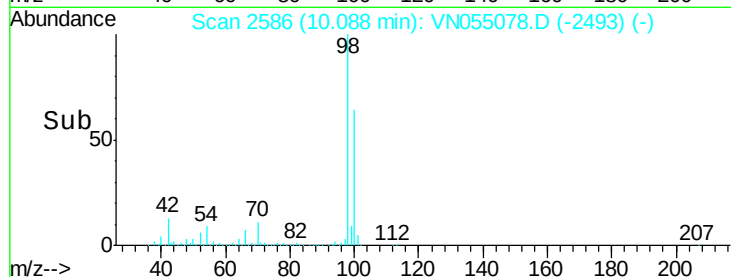
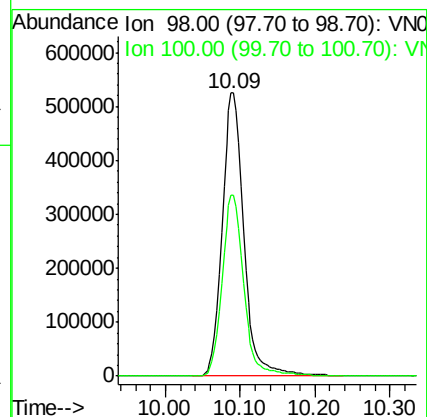
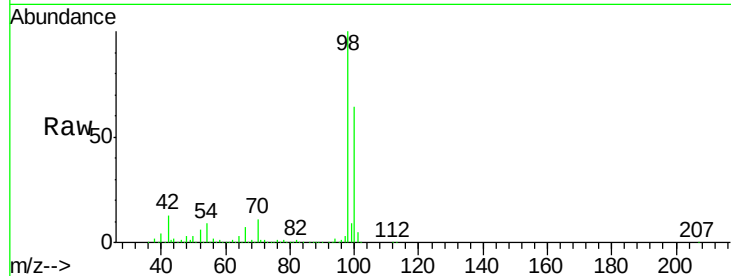
PB118900TB

Tot Ion: 98 Resp: 1053728

Ion Ratio Lower Upper

98 100

100 64.1 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 42.671 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055078.D

Acq: 16 Apr 2019 15:07

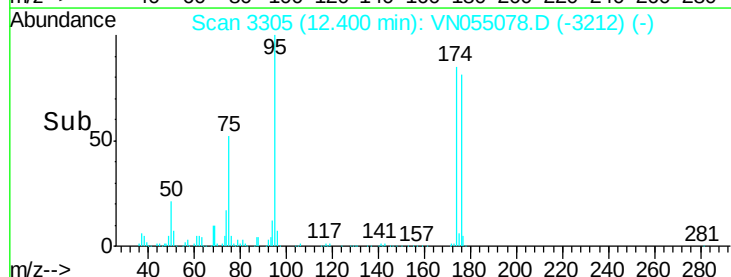
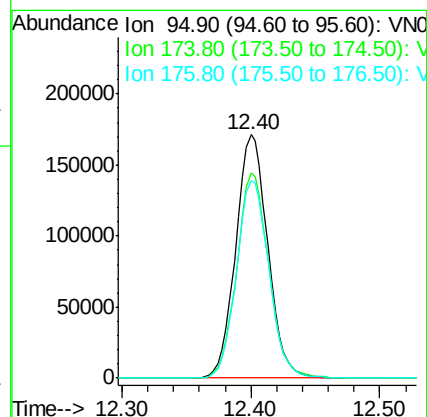
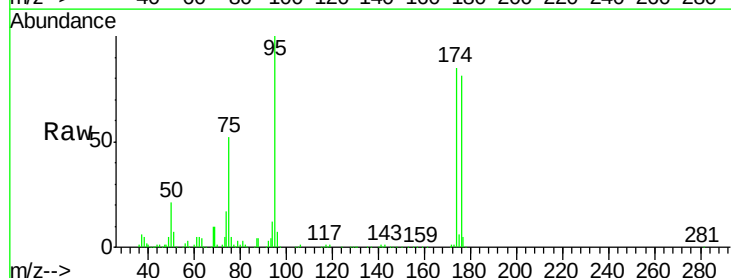
Tgt Ion: 95 Resp: 295563

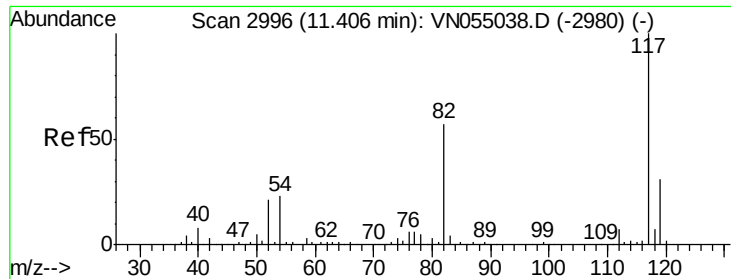
Ion Ratio Lower Upper

95 100

174 84.5 0.0 174.4

176 82.2 0.0 166.8

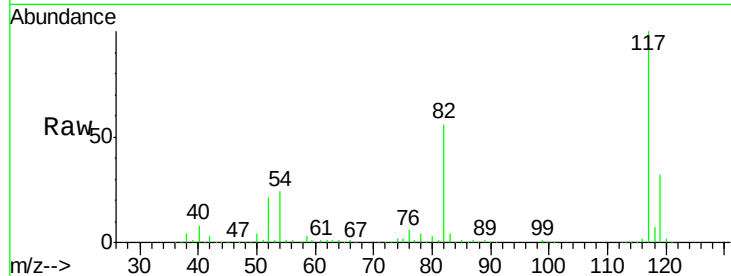




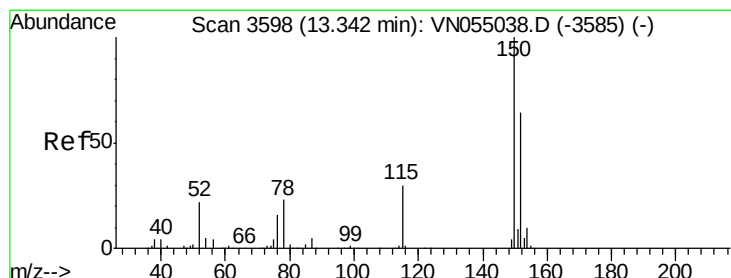
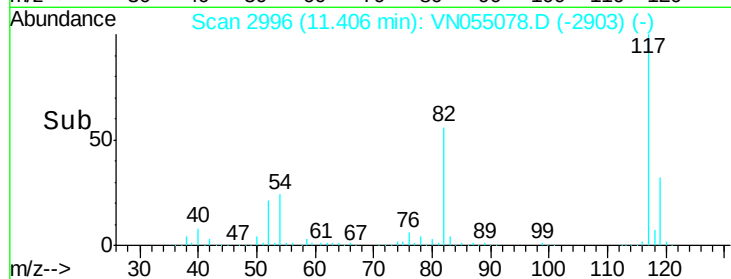
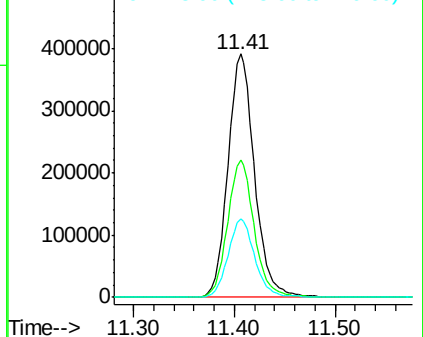
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055078.D
Acq: 16 Apr 2019 15:07

Instrument :
MSVOA_N
ClientSampled :
PB118900TB

Tot Ion:117 Resp: 719982
Ion Ratio Lower Upper
117 100
82 56.2 44.6 66.8
119 32.3 25.5 38.3

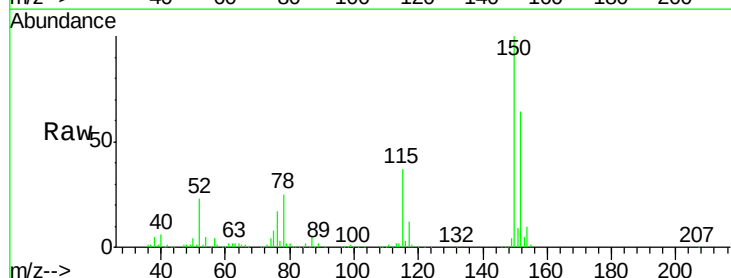


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

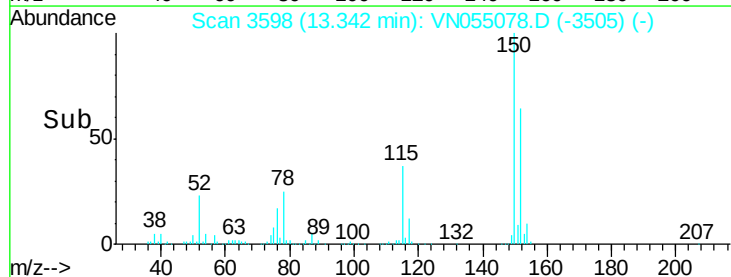
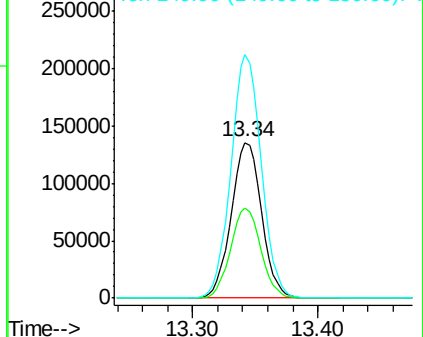


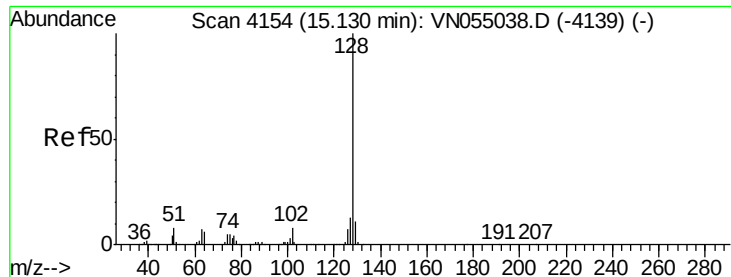
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055078.D
Acq: 16 Apr 2019 15:07

Tgt Ion:152 Resp: 227775
Ion Ratio Lower Upper
152 100
115 57.8 28.5 85.6
150 156.0 0.0 347.2



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: 3.685 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN055078.D

Acq: 16 Apr 2019 15:07

Instrument :

MSVOA_N

ClientSampleId :

PB118900TB

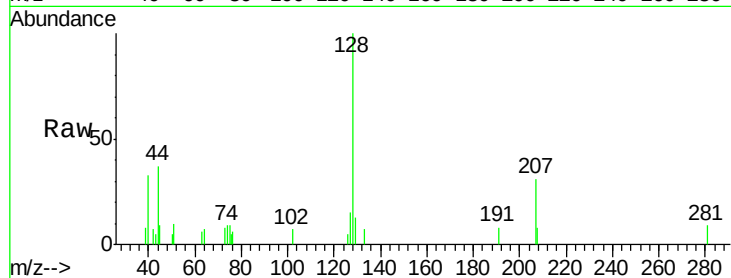
Tot Ion:128 Resp: 5269

Ion Ratio Lower Upper

128 100

127 11.8 10.1 15.1

129 9.4 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

