

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041719\
 Data File : VN055104.D
 Acq On : 17 Apr 2019 14:24
 Operator : JC/SP
 Sample : K2442-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-21-D

Quant Time: Apr 18 08:45:37 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

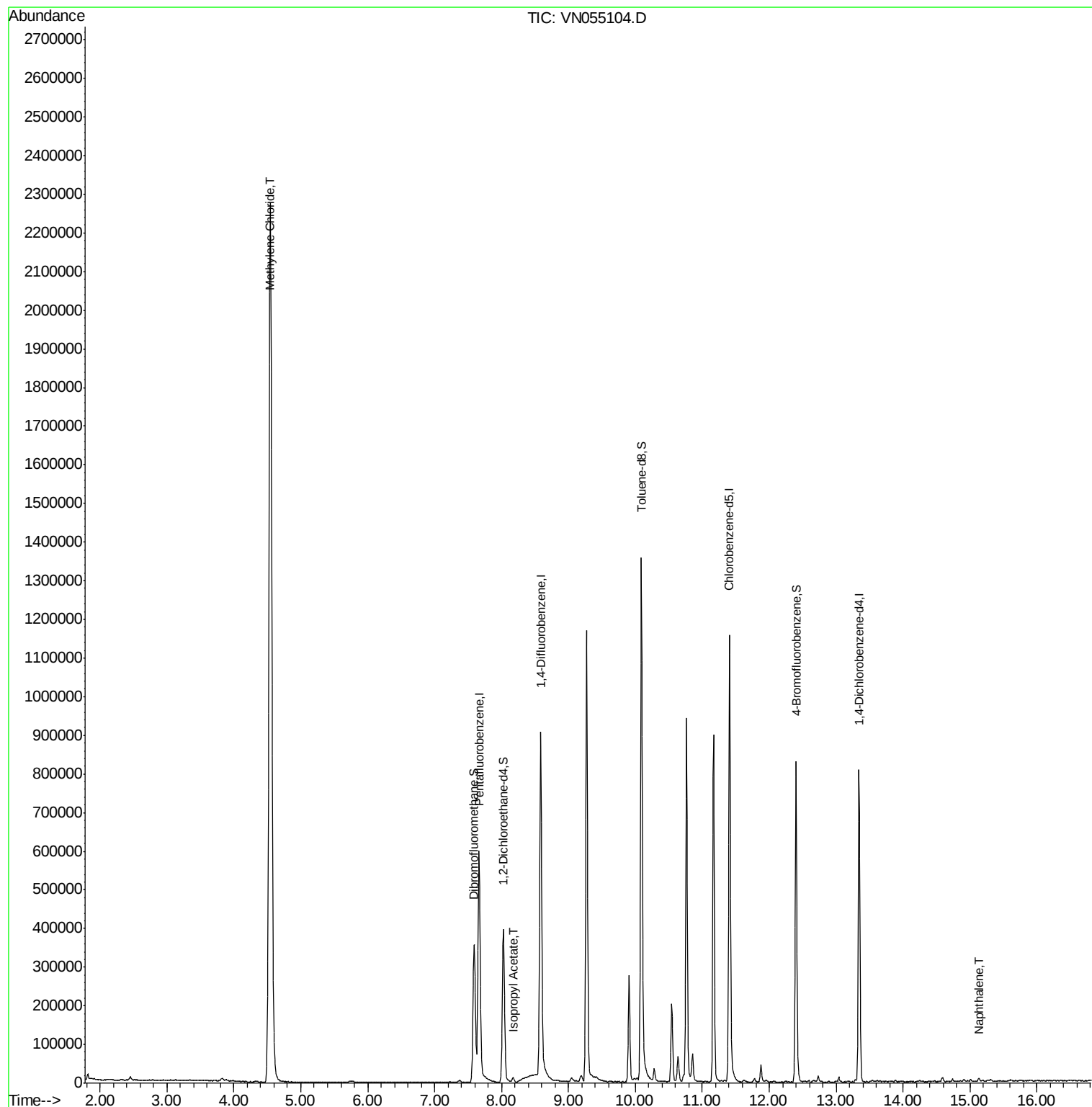
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	529761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	845985	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	700735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	223641	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	330244	46.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.80%	
35) Dibromofluoromethane	7.59	113	269582	47.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.36%	
50) Toluene-d8	10.09	98	1000121	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
62) 4-Bromofluorobenzene	12.40	95	289767	44.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.10%	
Target Compounds						
20) Methylene Chloride	4.54	84	1627018	242.159	ug/l	97
43) Isopropyl Acetate	8.17	43	14362	1.436	ug/l	99
95) Naphthalene	15.14	128	5770	3.755	ug/l #	94

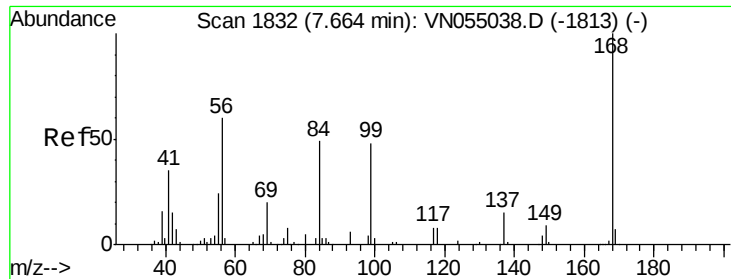
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041719\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055104.D

Acq: 17 Apr 2019 14:24

Instrument :

MSVOA_N

ClientSampleId :

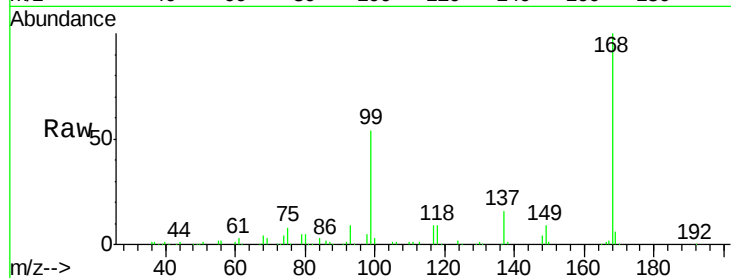
TP-21-D

Tot Ion:168 Resp: 529761

Ion Ratio Lower Upper

168 100

99 53.9 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

200000

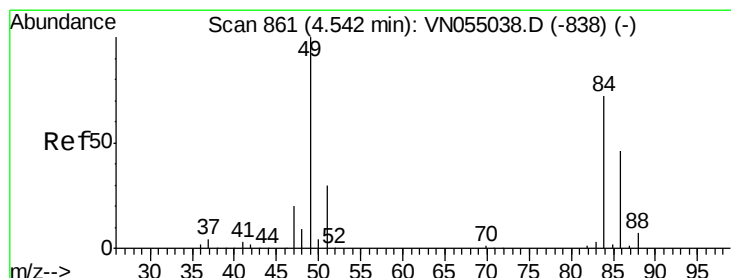
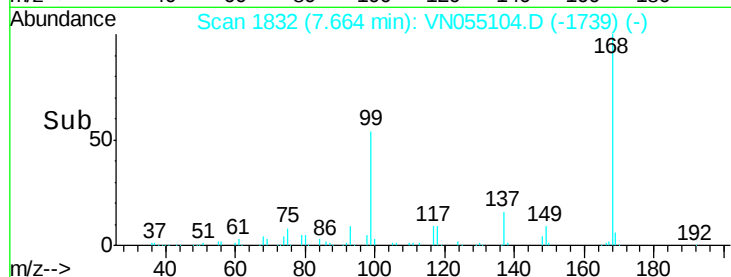
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 242.159 ug/l

RT: 4.54 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN055104.D

Acq: 17 Apr 2019 14:24

Tgt Ion: 84 Resp: 1627018

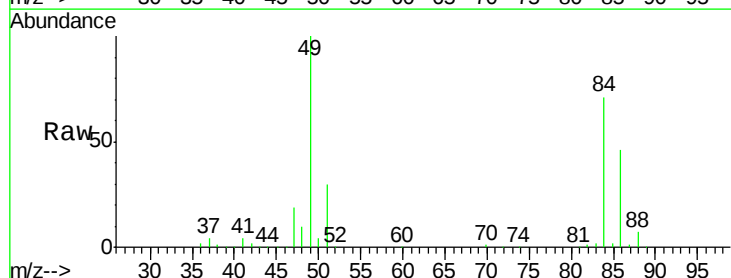
Ion Ratio Lower Upper

84 100

49 140.6 109.4 164.2

51 42.4 32.2 48.4

86 64.2 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

4.54

1000000

800000

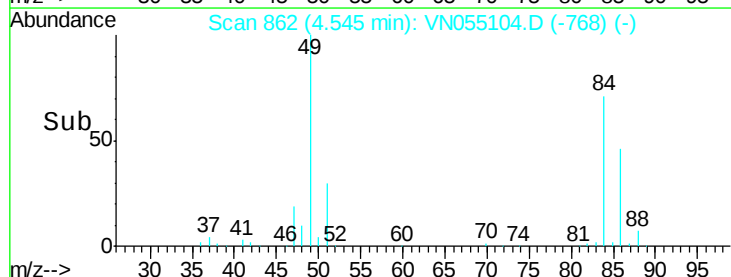
600000

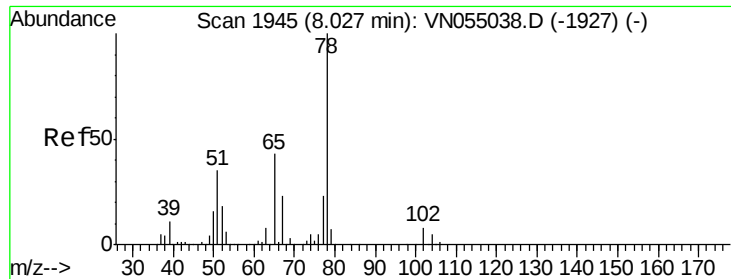
400000

200000

0

Time-->

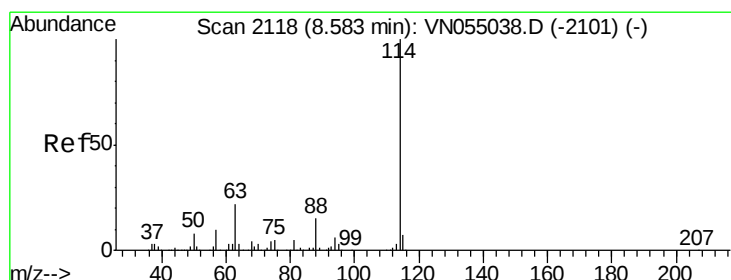
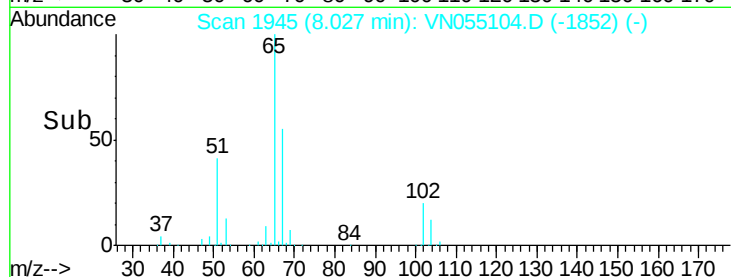
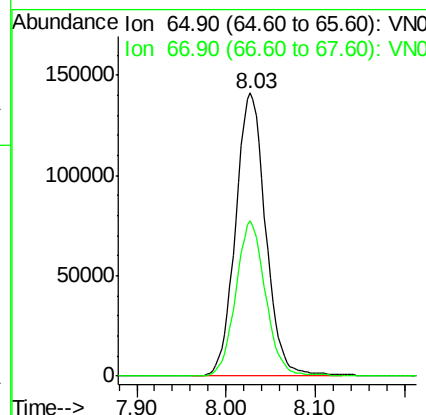
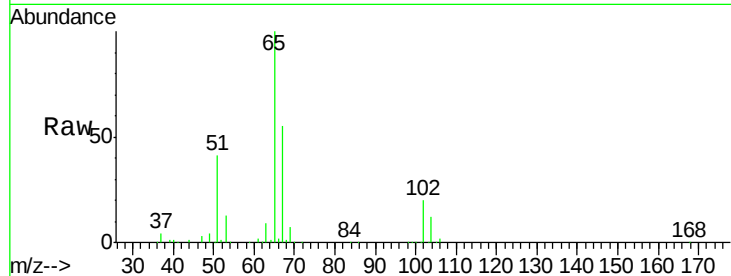




#33
 1,2-Dichloroethane-d4
 Concen: 46.897 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055104.D
 Acq: 17 Apr 2019 14:24

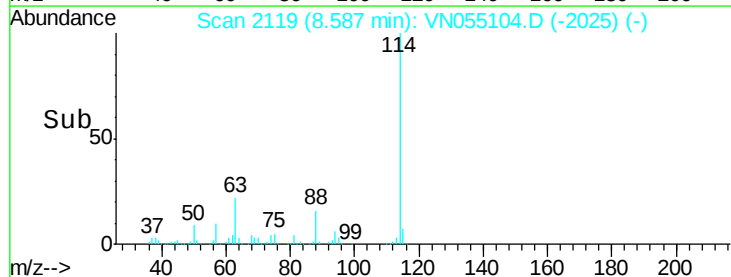
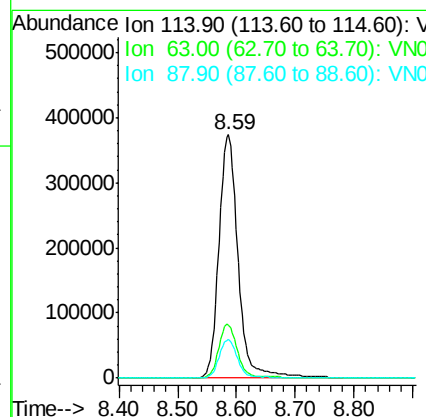
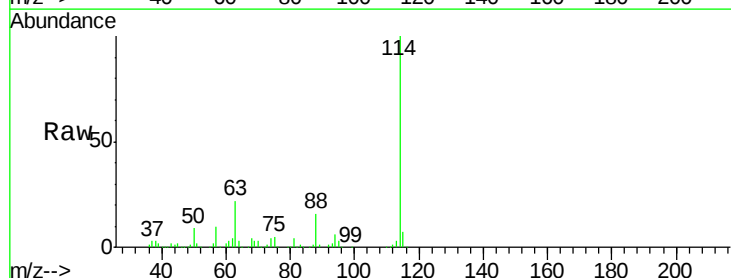
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-21-D

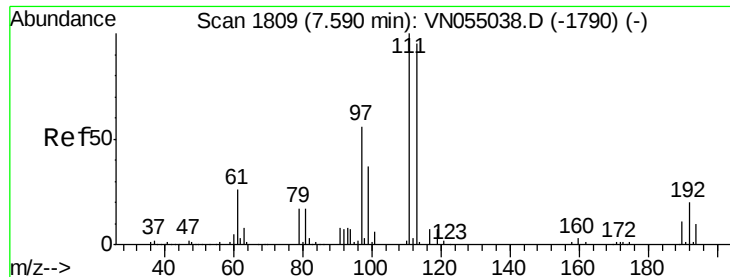
Tot Ion: 65 Resp: 330244
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055104.D
 Acq: 17 Apr 2019 14:24

Tgt Ion: 114 Resp: 845985
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 45.2
 88 15.7 0.0 31.8

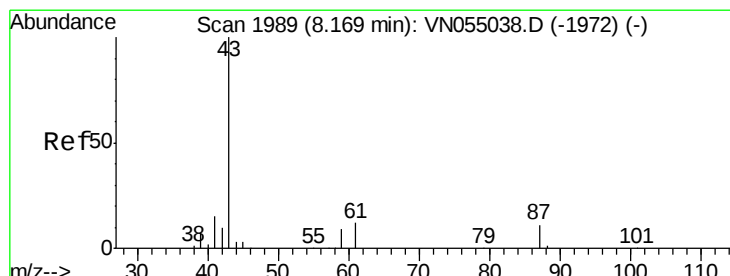
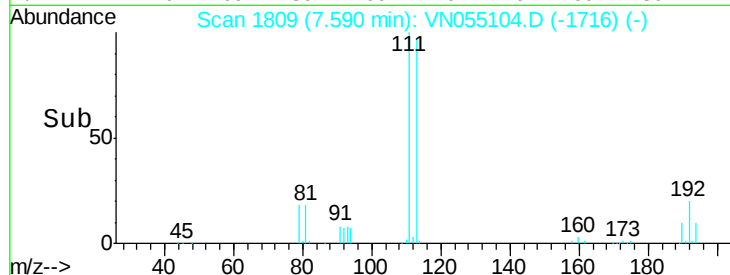
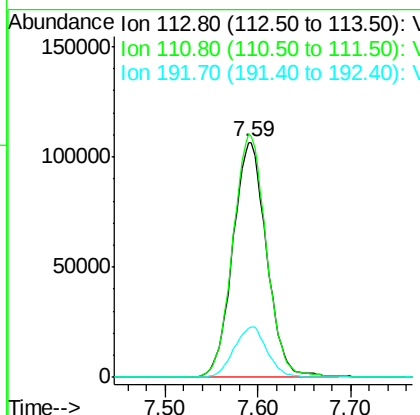
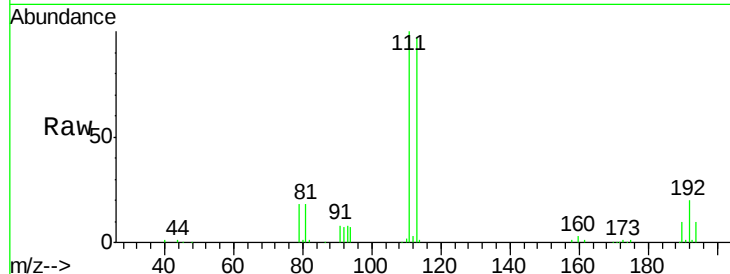




#35
 Dibromofluoromethane
 Concen: 47.682 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055104.D
 Acq: 17 Apr 2019 14:24

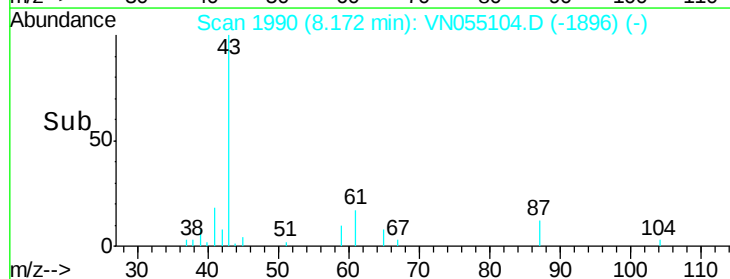
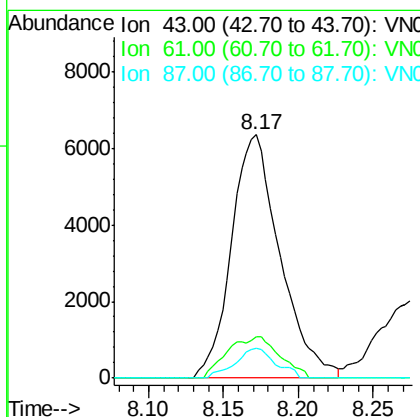
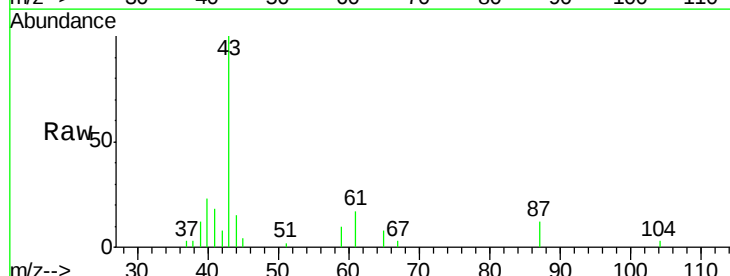
Instrument :
 MSVOA_N
 ClientSampled :
 TP-21-D

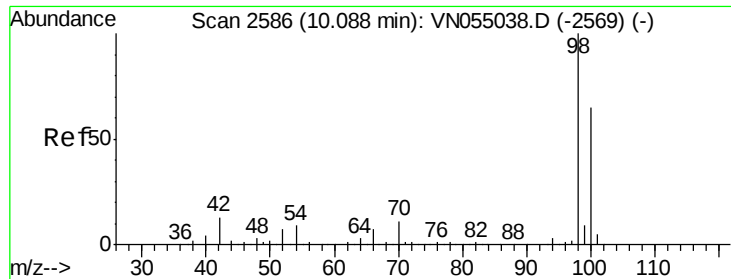
Tot Ion:113 Resp: 269582
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.1 123.1
 192 21.0 16.5 24.7



#43
 Isopropyl Acetate
 Concen: 1.436 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN055104.D
 Acq: 17 Apr 2019 14:24

Tgt Ion: 43 Resp: 14362
 Ion Ratio Lower Upper
 43 100
 61 18.3 14.3 21.5
 87 10.2 8.6 13.0





#50

Toluene-d8

Concen: 49.425 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN055104.D

Acq: 17 Apr 2019 14:24

Instrument :

MSVOA_N

ClientSampleId :

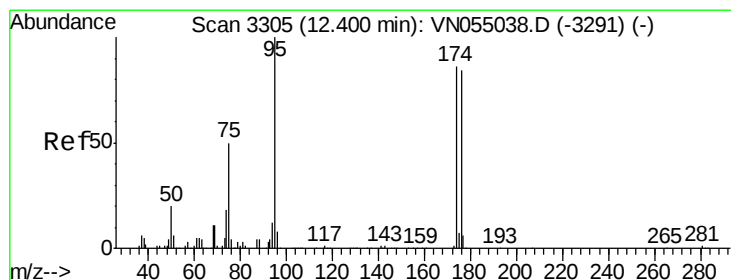
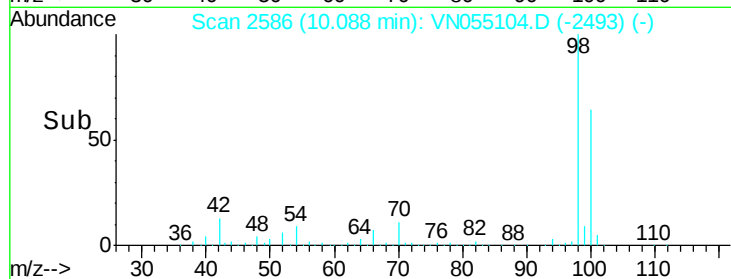
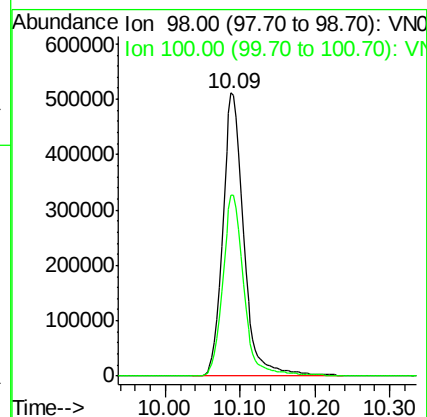
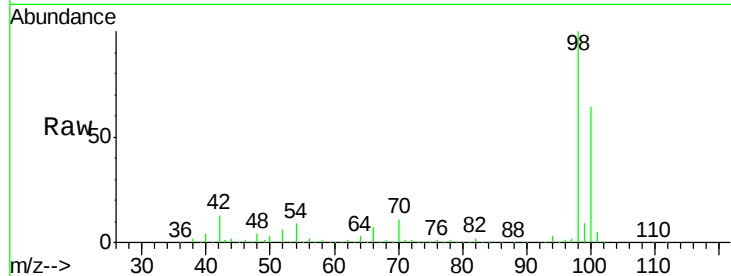
TP-21-D

Tot Ion: 98 Resp: 1000121

Ion Ratio Lower Upper

98 100

100 64.2 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 44.048 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055104.D

Acq: 17 Apr 2019 14:24

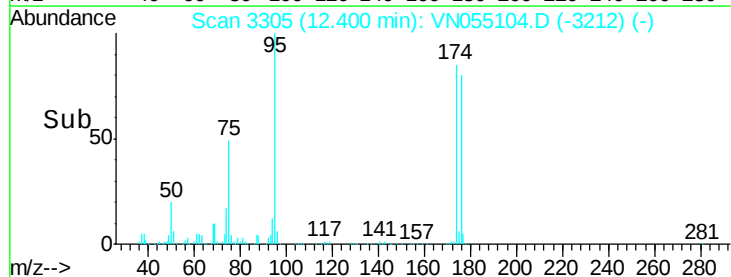
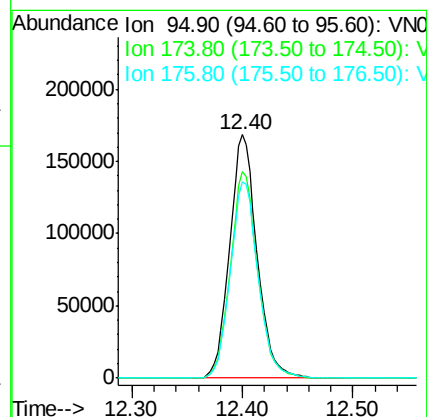
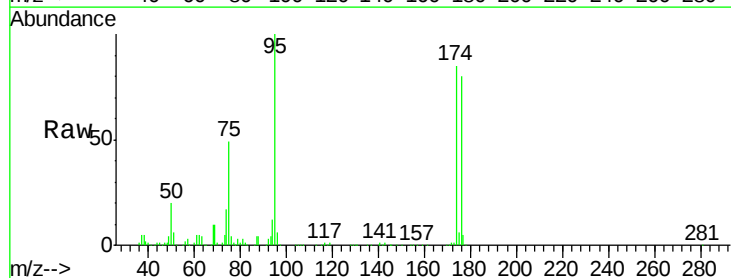
Tgt Ion: 95 Resp: 289767

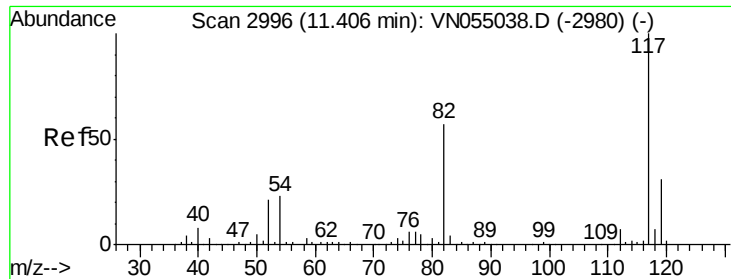
Ion Ratio Lower Upper

95 100

174 84.6 0.0 174.4

176 81.9 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: VN055104.D

Acq: 17 Apr 2019 14:24

Instrument :

MSVOA_N

ClientSampled :

TP-21-D

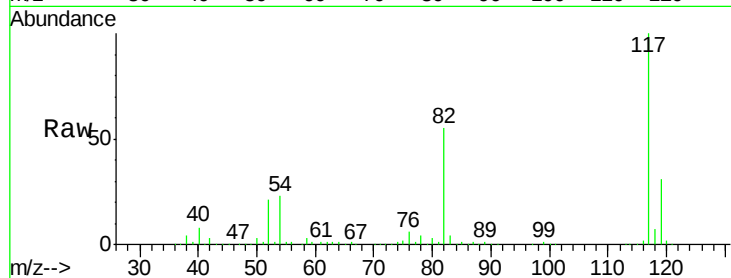
Tot Ion:117 Resp: 700735

Ion Ratio Lower Upper

117 100

82 55.2 44.6 66.8

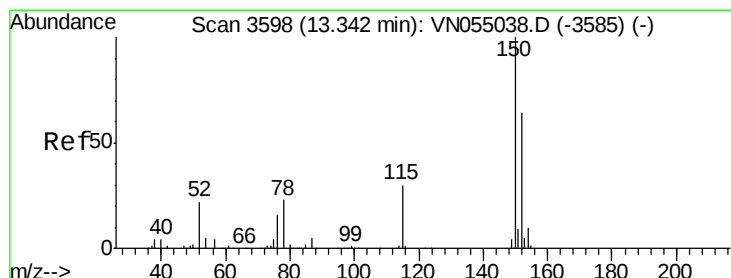
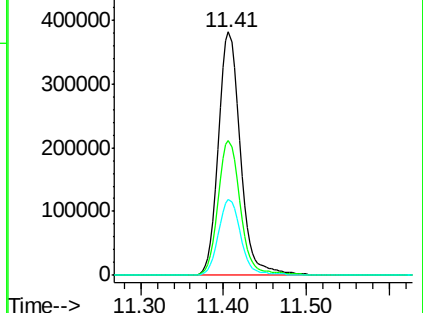
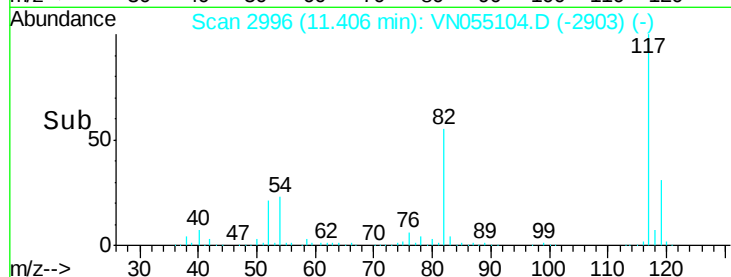
119 31.2 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

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: VN055104.D

Acq: 17 Apr 2019 14:24

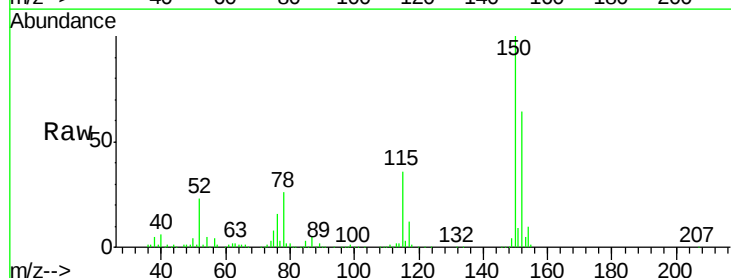
Tgt Ion:152 Resp: 223641

Ion Ratio Lower Upper

152 100

115 56.9 28.5 85.6

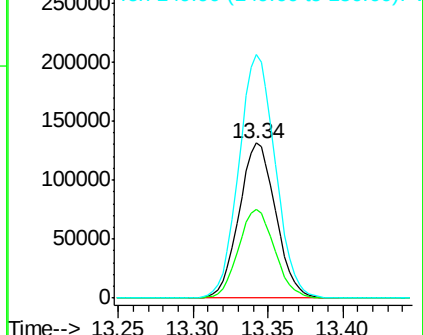
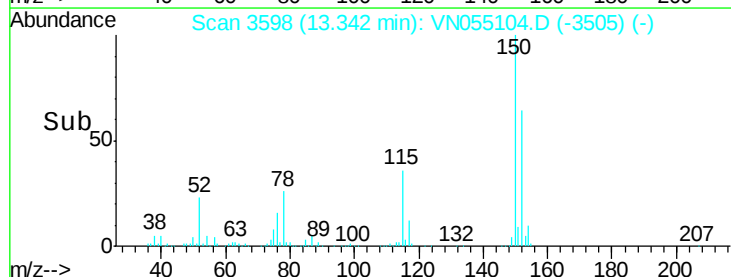
150 156.6 0.0 347.2

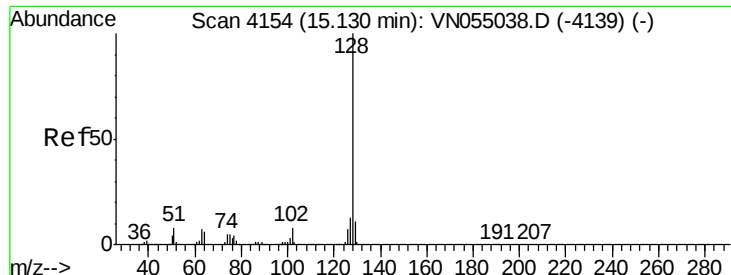


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 3.755 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.01 min

Lab File: VN055104.D

Acq: 17 Apr 2019 14:24

Instrument :

MSVOA_N

ClientSampleId :

TP-21-D

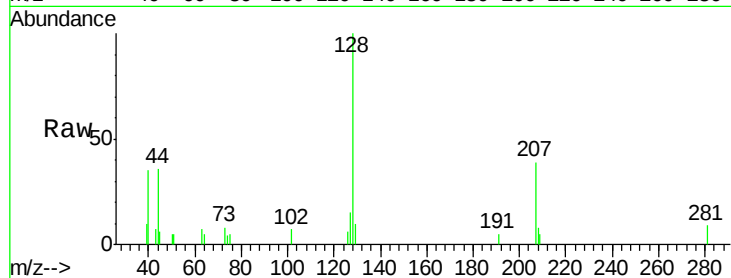
Tot Ion:128 Resp: 5770

Ion Ratio Lower Upper

128 100

127 11.7 10.1 15.1

129 6.9 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

