

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041719\
 Data File : VN055095.D
 Acq On : 17 Apr 2019 10:26
 Operator : JC/SP
 Sample : PB118954TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB118954TB

Quant Time: Apr 18 08:26:36 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

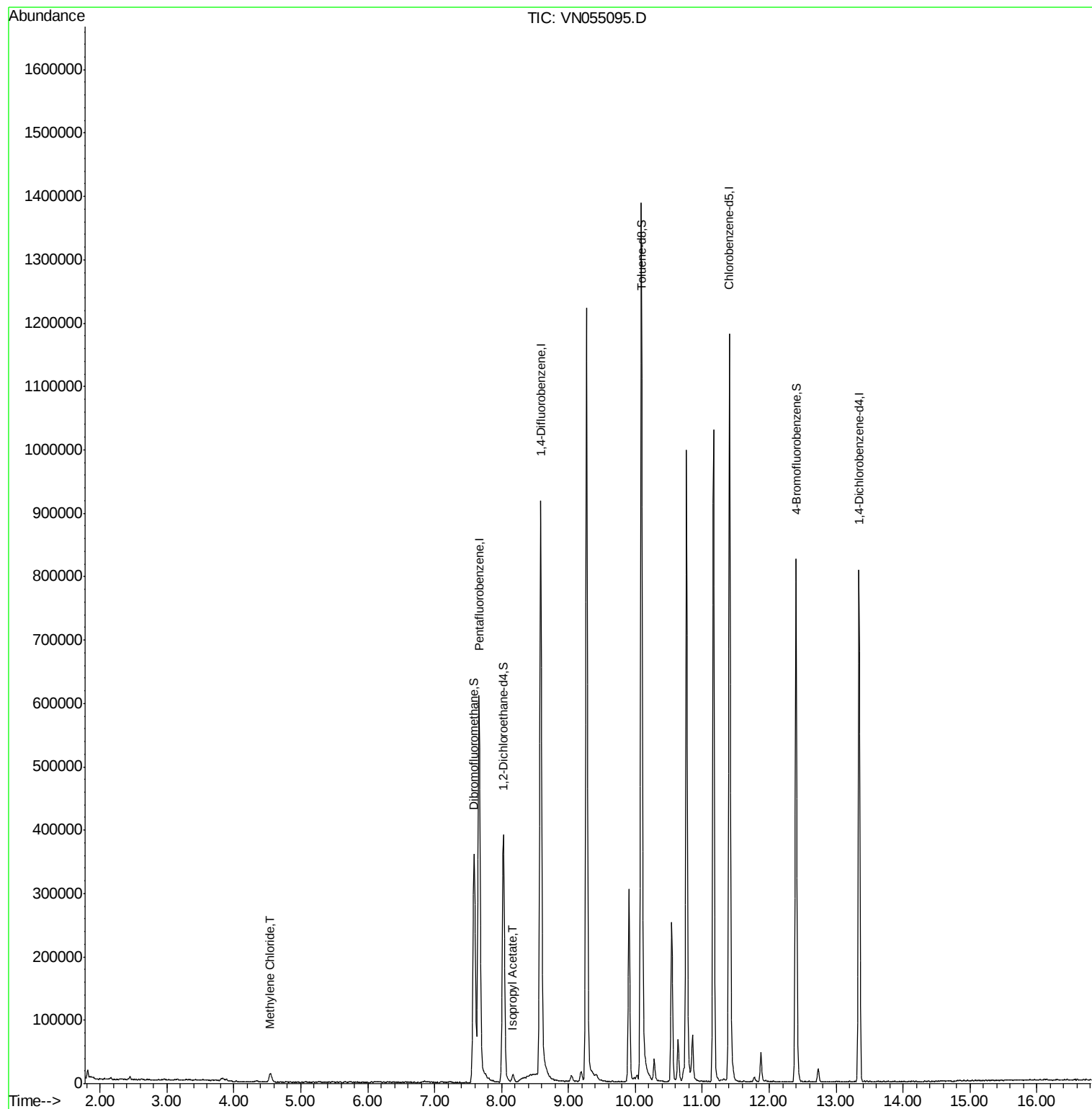
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	542317	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	853569	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	713803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	217560	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	336219	46.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.28%	
35) Dibromofluoromethane	7.59	113	276865	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
50) Toluene-d8	10.09	98	1024444	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
62) 4-Bromofluorobenzene	12.40	95	286562	43.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.34%	
Target Compounds						
20) Methylene Chloride	4.55	84	8973	1.305	ug/l	97
43) Isopropyl Acetate	8.17	43	14035	1.390	ug/l	99

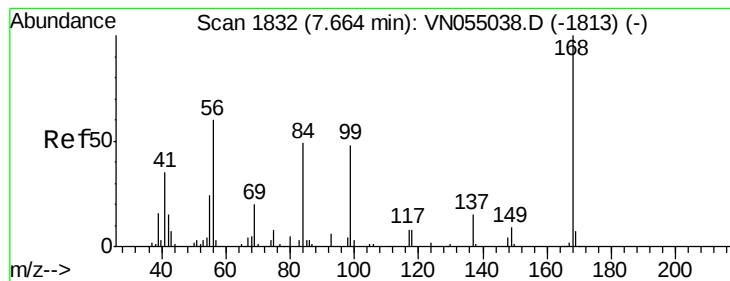
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055095.D

Acq: 17 Apr 2019 10:26

Instrument :

MSVOA_N

ClientSampleId :

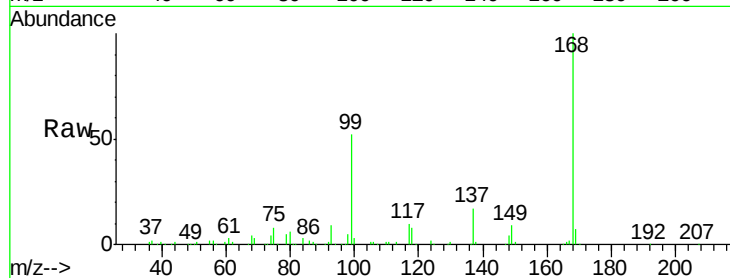
PB118954TB

Tot Ion:168 Resp: 542317

Ion Ratio Lower Upper

168 100

99 52.4 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

250000

200000

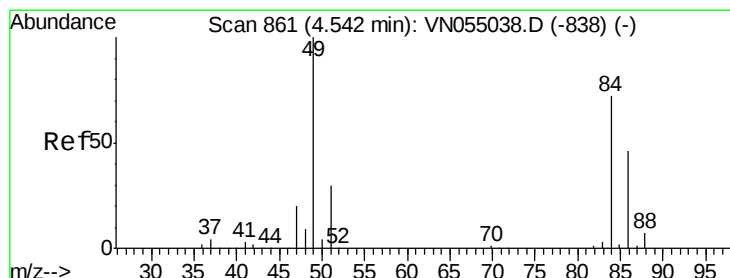
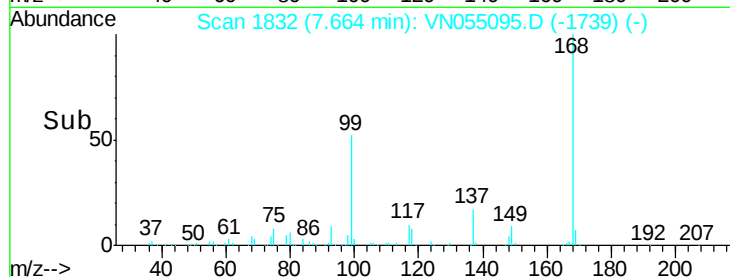
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#20

Methylene Chloride

Concen: 1.305 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.01 min

Lab File: VN055095.D

Acq: 17 Apr 2019 10:26

Tgt Ion: 84 Resp: 8973

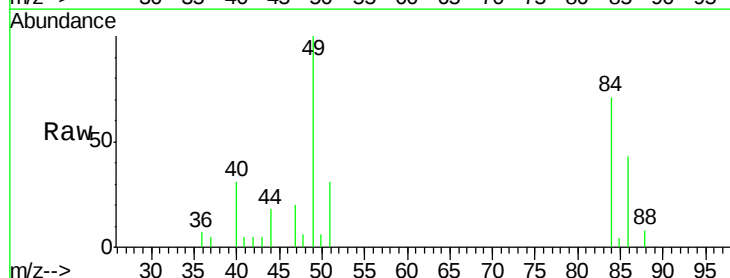
Ion Ratio Lower Upper

84 100

49 133.7 109.4 164.2

51 43.1 32.2 48.4

86 60.3 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

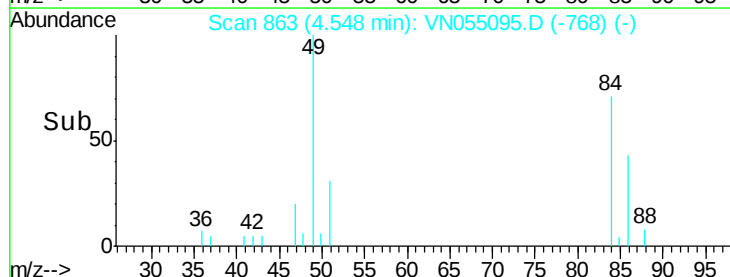
6000

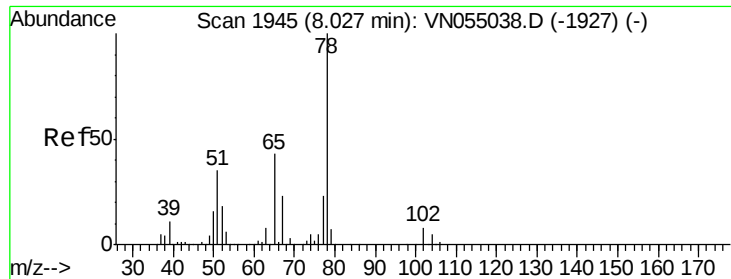
4000

2000

0

Time--> 4.45 4.50 4.55 4.60 4.65

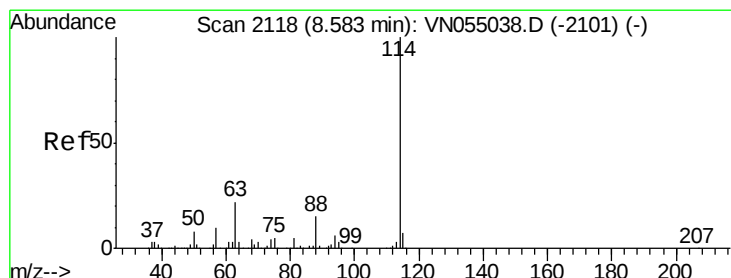
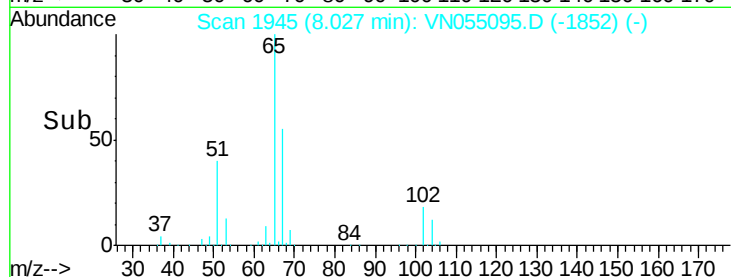
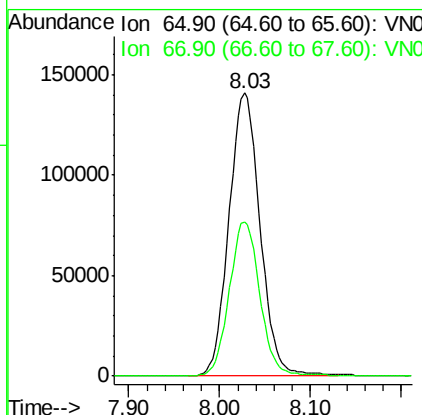
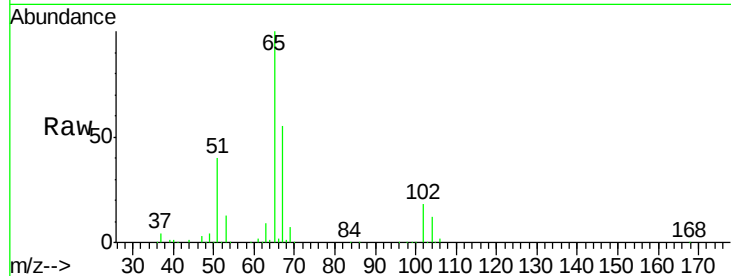




#33
 1,2-Dichloroethane-d4
 Concen: 46.640 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055095.D
 Acq: 17 Apr 2019 10:26

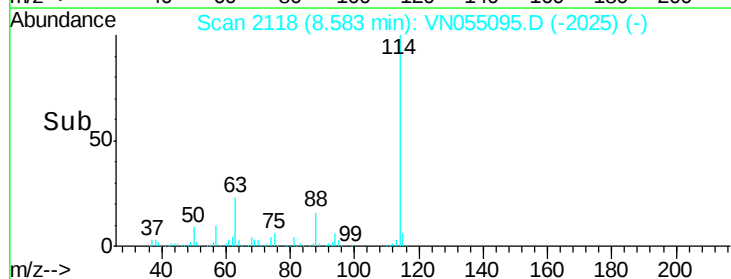
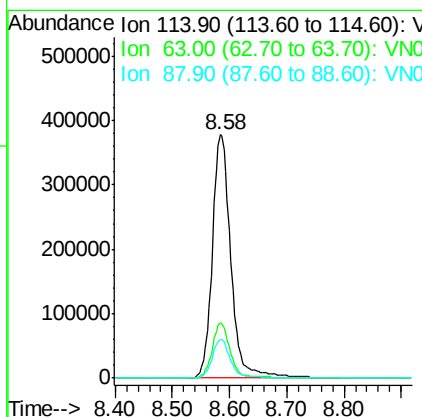
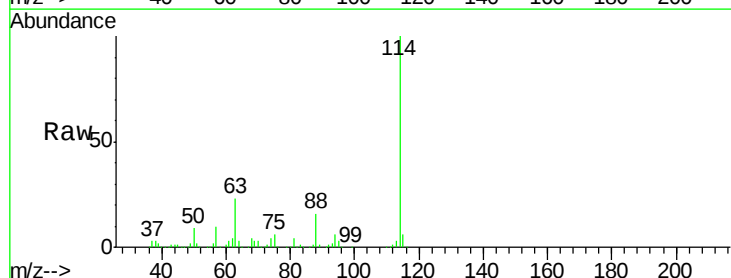
Instrument :
 MSVOA_N
 ClientSampleId :
 PB118954TB

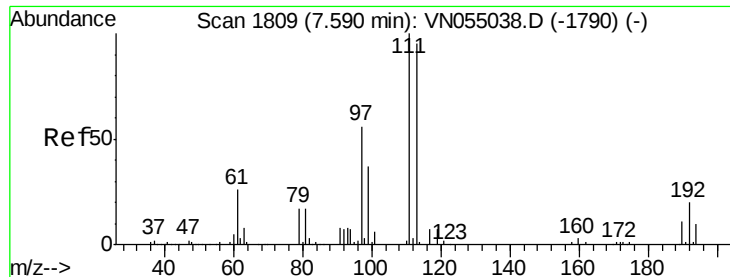
Tot Ion: 65 Resp: 336219
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055095.D
 Acq: 17 Apr 2019 10:26

Tgt Ion: 114 Resp: 853569
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 45.2
 88 16.0 0.0 31.8

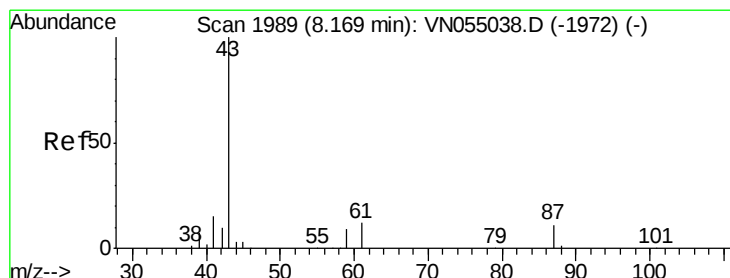
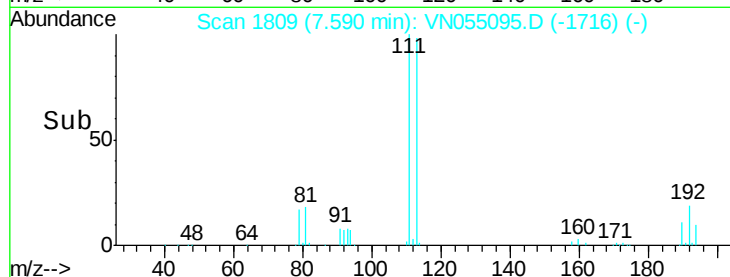
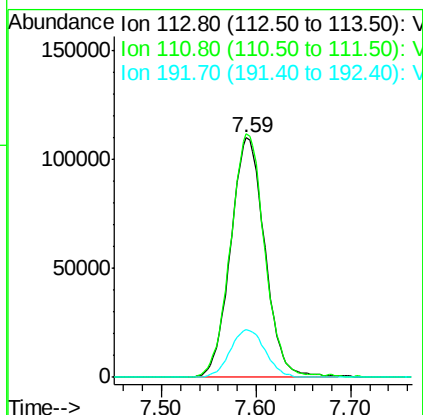
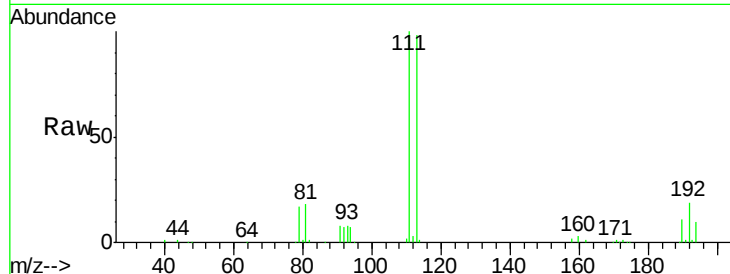




#35
 Dibromofluoromethane
 Concen: 48.535 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055095.D
 Acq: 17 Apr 2019 10:26

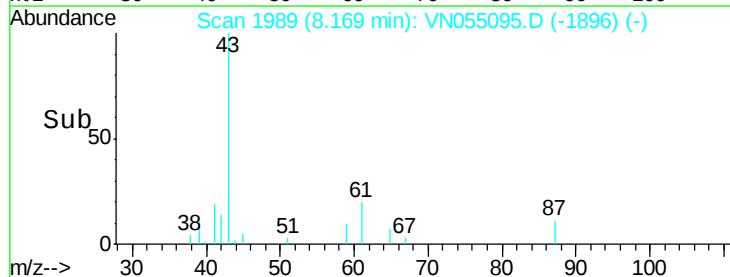
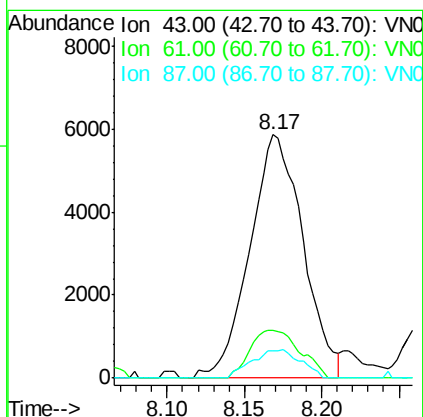
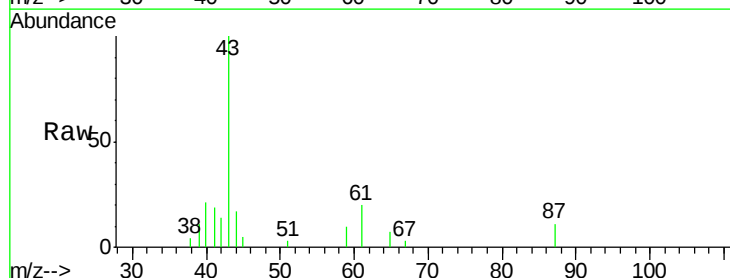
Instrument :
 MSVOA_N
 ClientSampled :
 PB118954TB

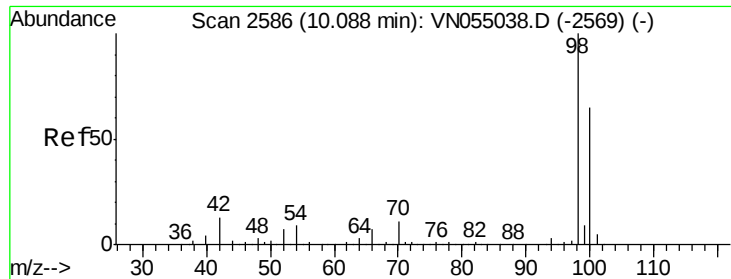
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.1	123.1
192	20.6	16.5	24.7



#43
 Isopropyl Acetate
 Concen: 1.390 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN055095.D
 Acq: 17 Apr 2019 10:26

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.5	14.3	21.5
87	10.7	8.6	13.0





#50

Toluene-d8

Concen: 50.177 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN055095.D

Acq: 17 Apr 2019 10:26

Instrument :

MSVOA_N

ClientSampled :

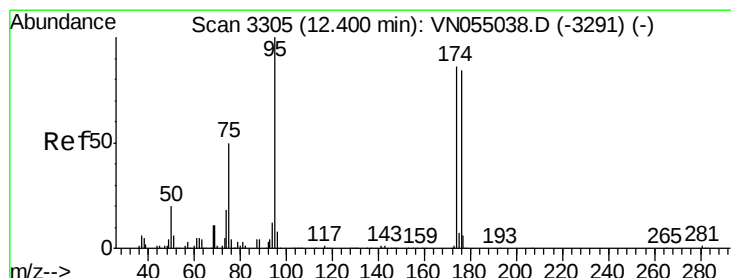
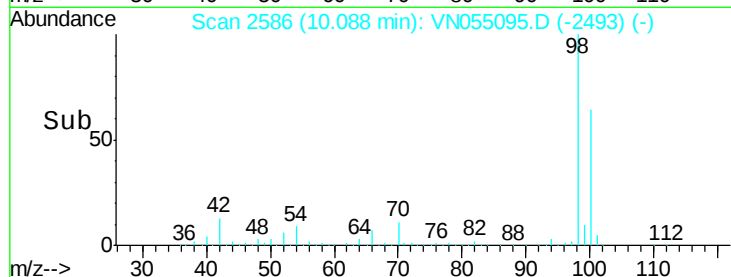
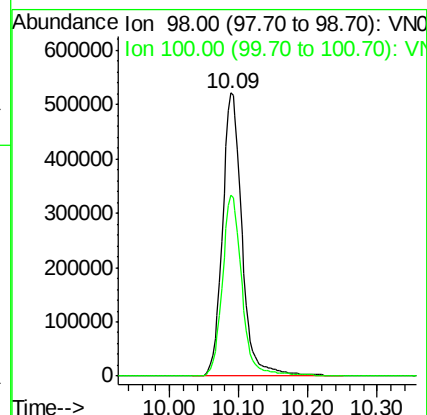
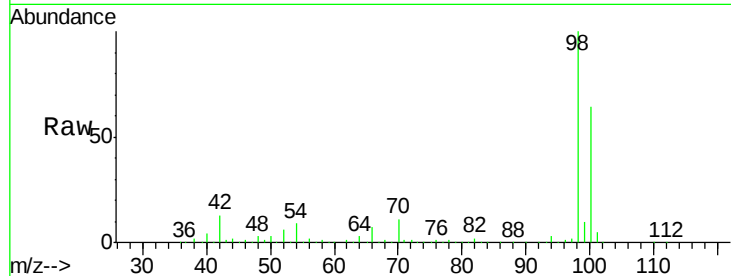
PB118954TB

Tot Ion: 98 Resp: 1024444

Ion Ratio Lower Upper

98 100

100 64.0 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 43.174 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055095.D

Acq: 17 Apr 2019 10:26

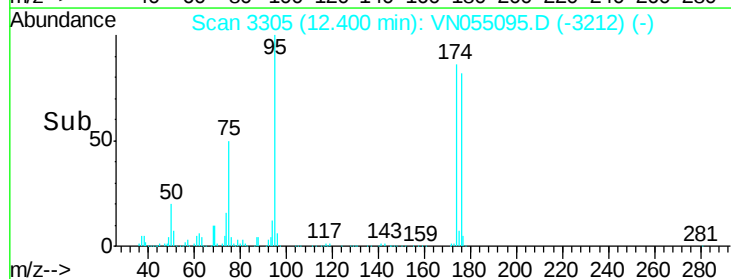
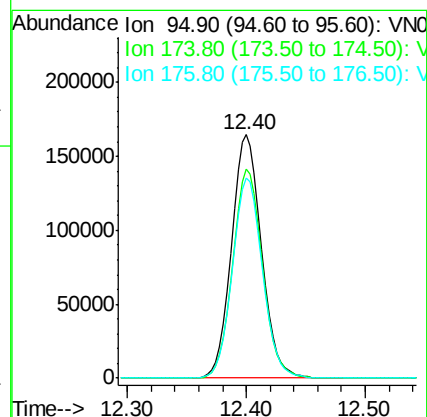
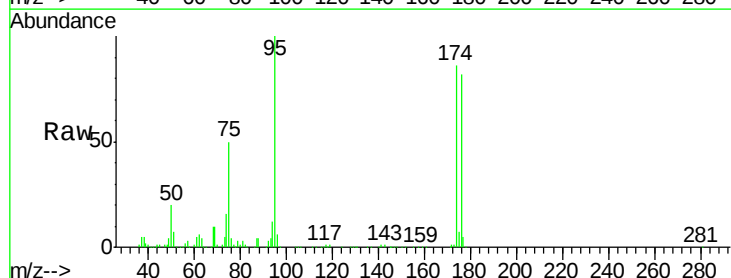
Tgt Ion: 95 Resp: 286562

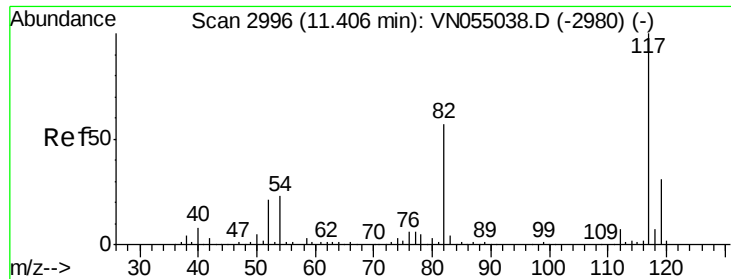
Ion Ratio Lower Upper

95 100

174 85.6 0.0 174.4

176 82.6 0.0 166.8

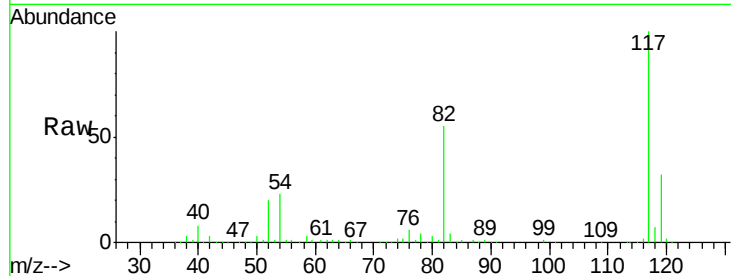




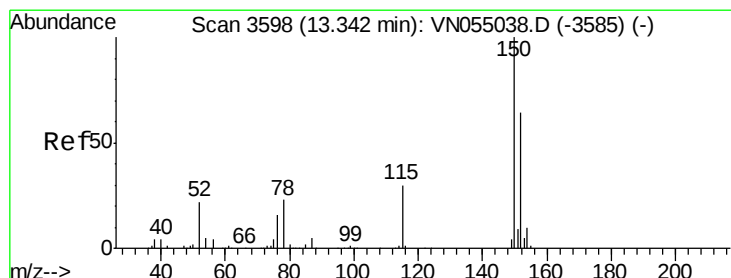
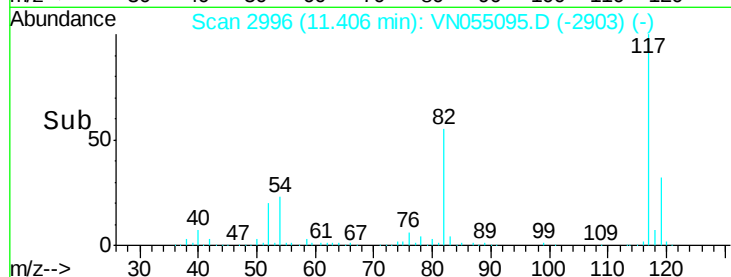
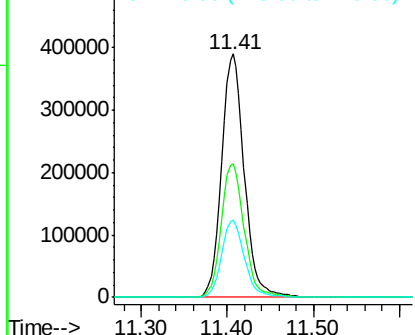
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055095.D
Acq: 17 Apr 2019 10:26

Instrument :
MSVOA_N
ClientSampled :
PB118954TB

Tot Ion:117 Resp: 713803
Ion Ratio Lower Upper
117 100
82 54.7 44.6 66.8
119 31.5 25.5 38.3

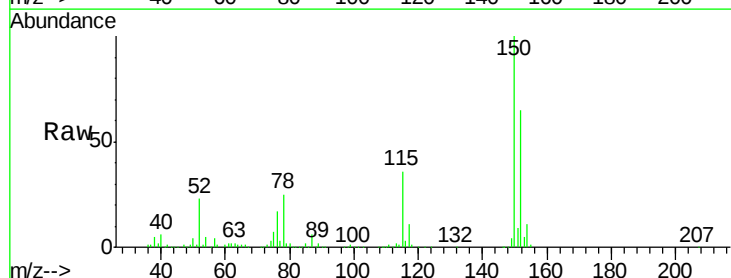


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055095.D
Acq: 17 Apr 2019 10:26

Tgt Ion:152 Resp: 217560
Ion Ratio Lower Upper
152 100
115 56.8 28.5 85.6
150 155.4 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

