

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041819\
 Data File : VN055116.D
 Acq On : 18 Apr 2019 10:46
 Operator : JC/SP
 Sample : PB118998TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB118998TB

Quant Time: Apr 19 02:16:00 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

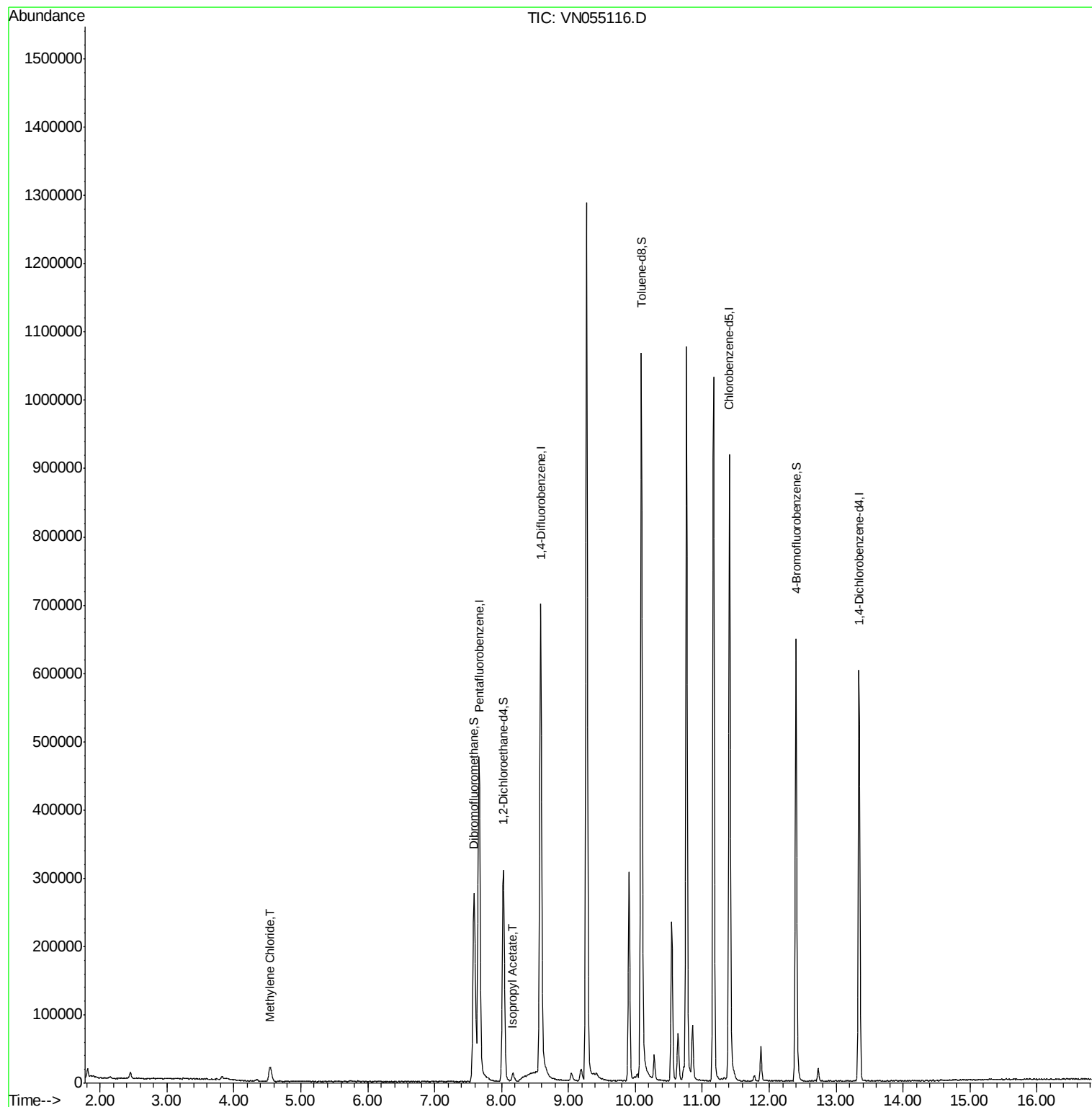
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	404188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	639139	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	545551	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	167734	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	265174	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
35) Dibromofluoromethane	7.59	113	211187	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
50) Toluene-d8	10.09	98	778882	50.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.90%	
62) 4-Bromofluorobenzene	12.40	95	220302	44.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.66%	
Target Compounds						
20) Methylene Chloride	4.54	84	15065	2.939	ug/l	89
43) Isopropyl Acetate	8.17	43	14759	1.953	ug/l	94

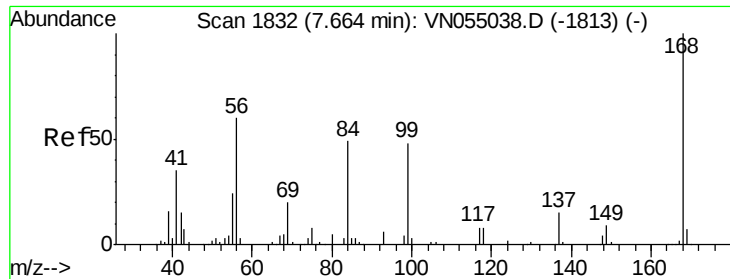
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055116.D

Acq: 18 Apr 2019 10:46

Instrument :

MSVOA_N

ClientSampleId :

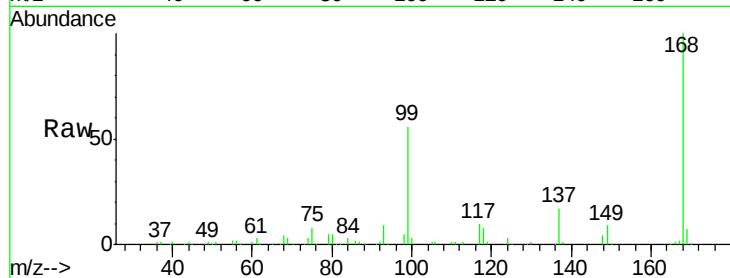
PB118998TB

Tot Ion:168 Resp: 404188

Ion Ratio Lower Upper

168 100

99 55.6 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

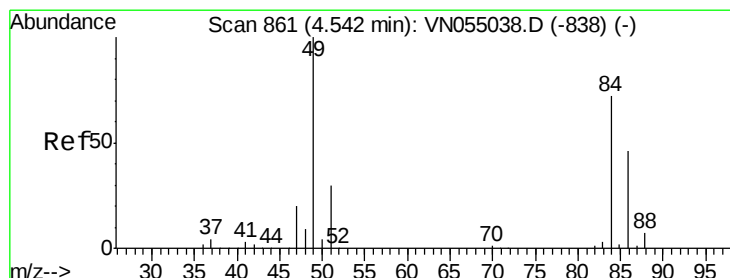
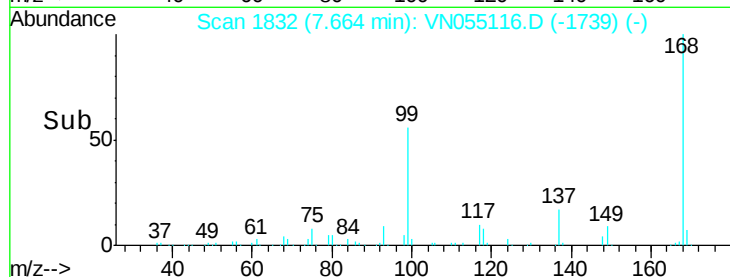
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 2.939 ug/l

RT: 4.54 min Scan# 860

Delta R.T. -0.00 min

Lab File: VN055116.D

Acq: 18 Apr 2019 10:46

Tgt Ion: 84 Resp: 15065

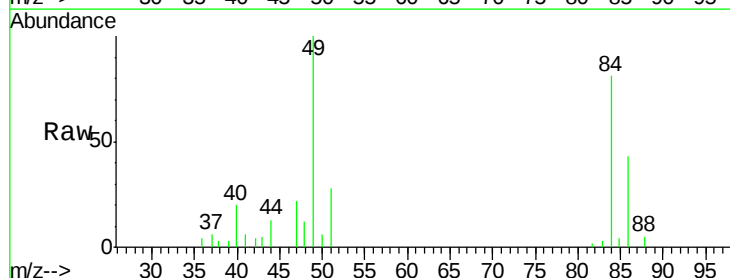
Ion Ratio Lower Upper

84 100

49 123.8 109.4 164.2

51 34.3 32.2 48.4

86 53.6 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

10000

8000

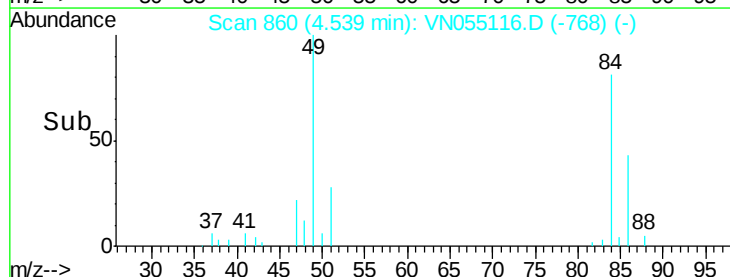
6000

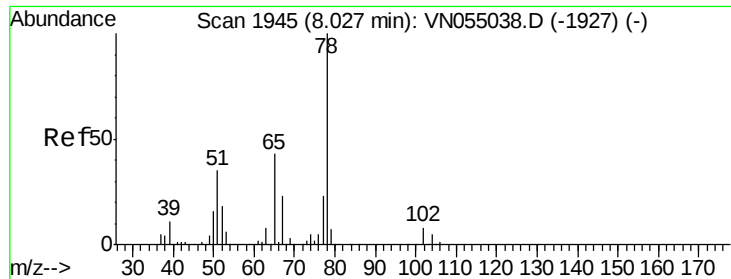
4000

2000

0

Time-->

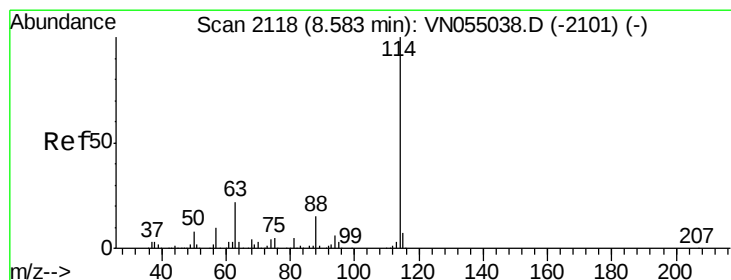
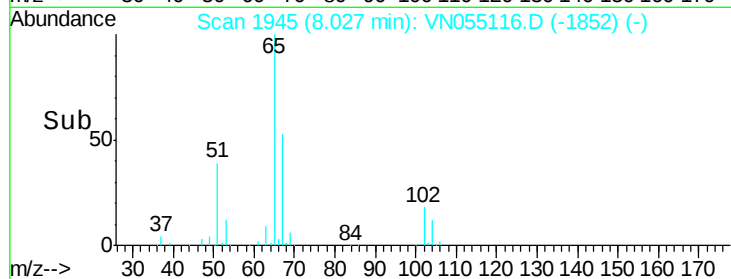
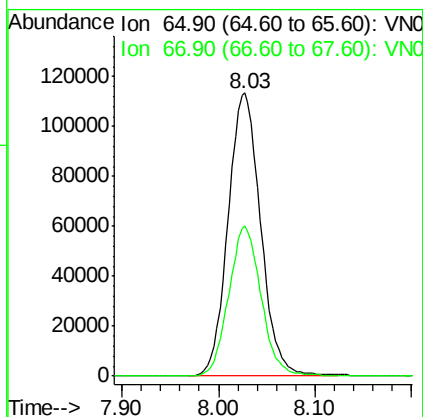
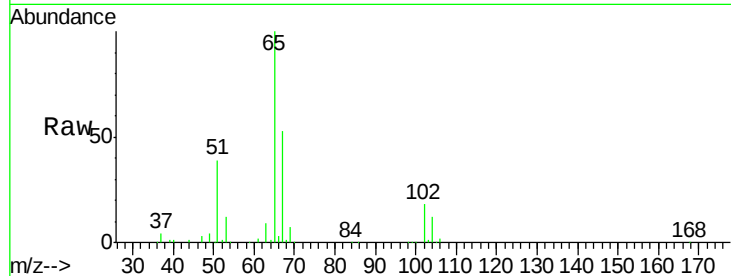




#33
 1,2-Dichloroethane-d4
 Concen: 49.356 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN055116.D
 Acq: 18 Apr 2019 10:46

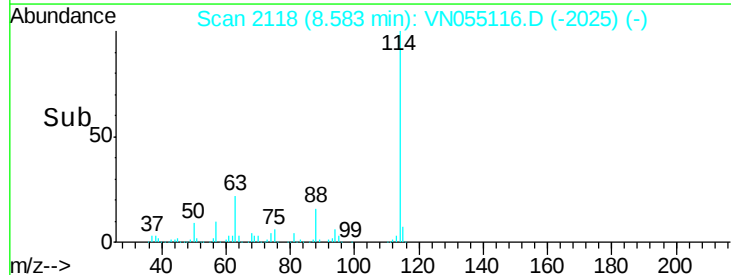
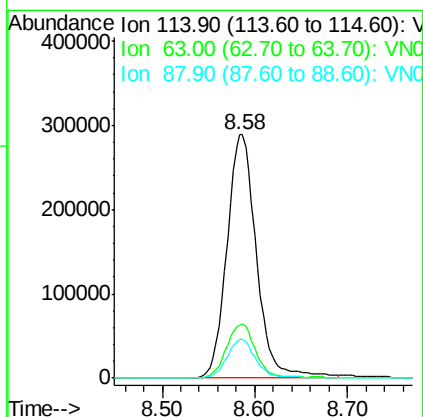
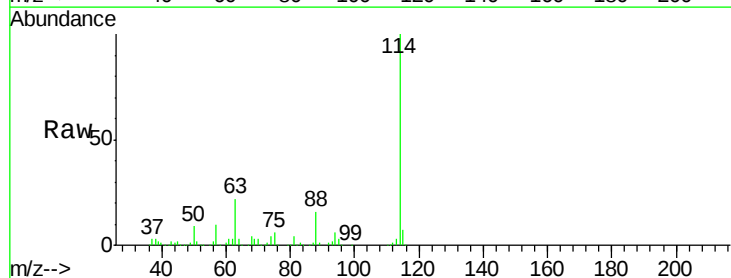
Instrument :
 MSVOA_N
 ClientSampleId :
 PB118998TB

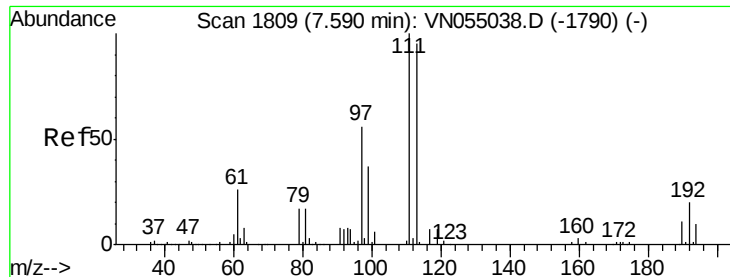
Tot Ion: 65 Resp: 265174
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055116.D
 Acq: 18 Apr 2019 10:46

Tgt Ion: 114 Resp: 639139
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 45.2
 88 16.0 0.0 31.8

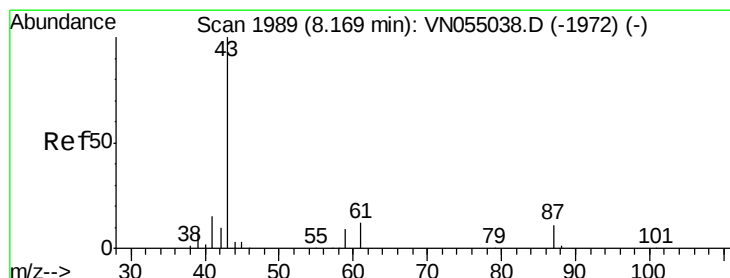
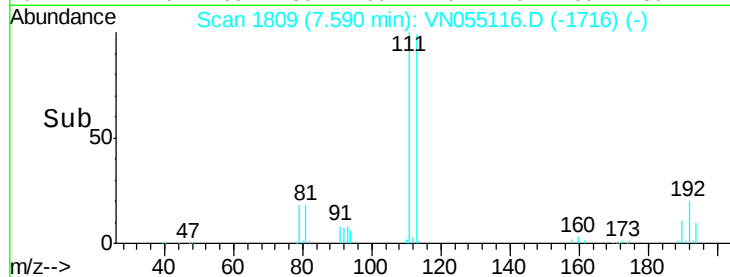
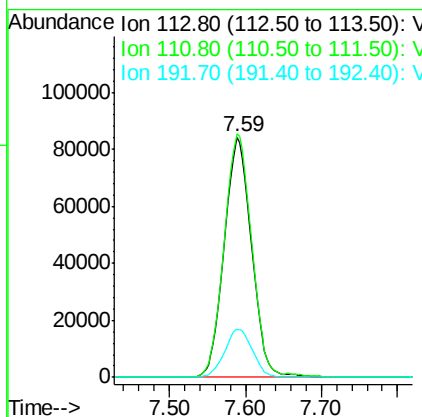
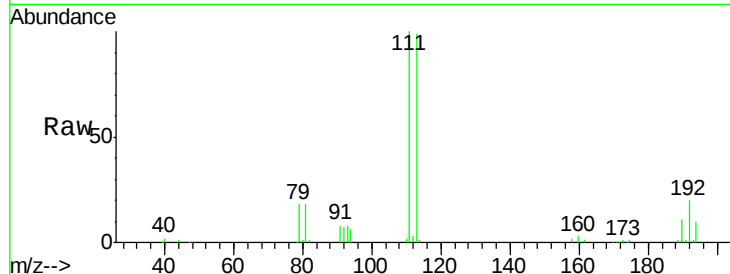




#35
 Dibromofluoromethane
 Concen: 49.442 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055116.D
 Acq: 18 Apr 2019 10:46

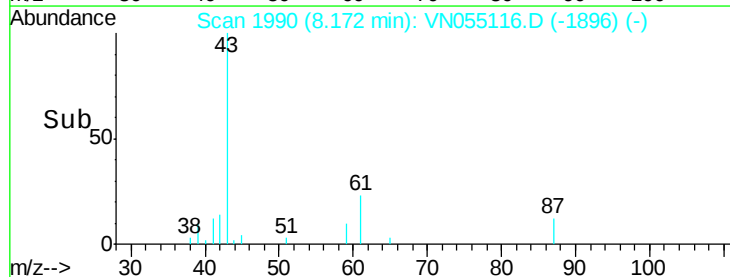
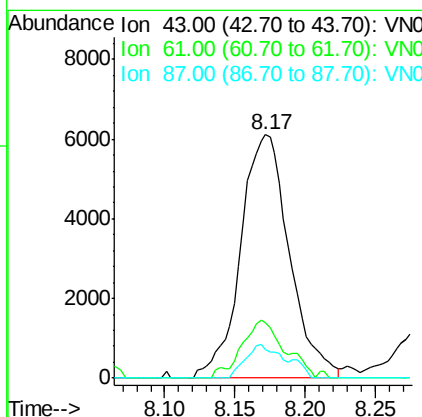
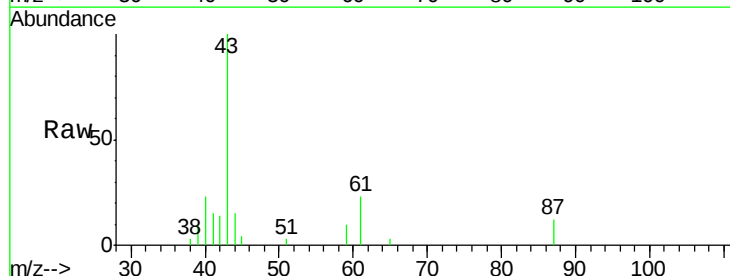
Instrument :
 MSVOA_N
 ClientSampled :
 PB118998TB

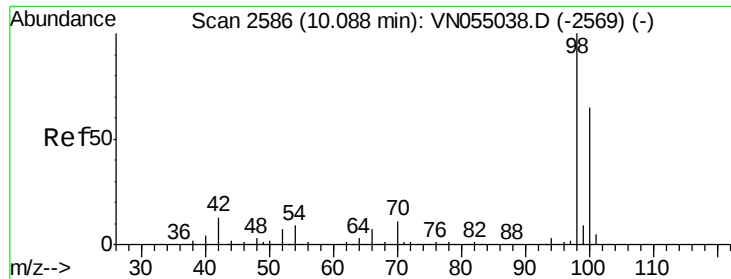
Tot Ion:113 Resp: 211187
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.1 123.1
 192 20.5 16.5 24.7



#43
 Isopropyl Acetate
 Concen: 1.953 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN055116.D
 Acq: 18 Apr 2019 10:46

Tgt Ion: 43 Resp: 14759
 Ion Ratio Lower Upper
 43 100
 61 20.9 14.3 21.5
 87 9.4 8.6 13.0





#50

Toluene-d8

Concen: 50.948 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN055116.D

Acq: 18 Apr 2019 10:46

Instrument :

MSVOA_N

ClientSampled :

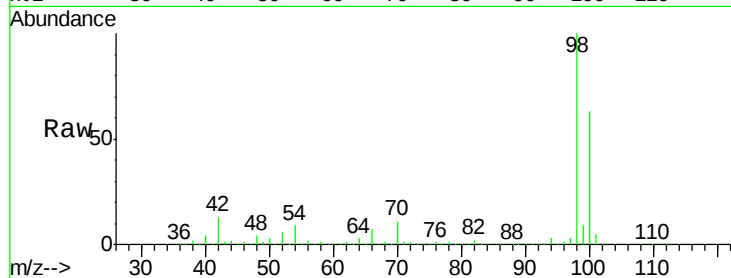
PB118998TB

Tot Ion: 98 Resp: 778882

Ion Ratio Lower Upper

98 100

100 63.4 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN055038.D (-2569) (-)

Ion 100.00 (99.70 to 100.70): VN055038.D (-2569) (-)

10.09

400000

300000

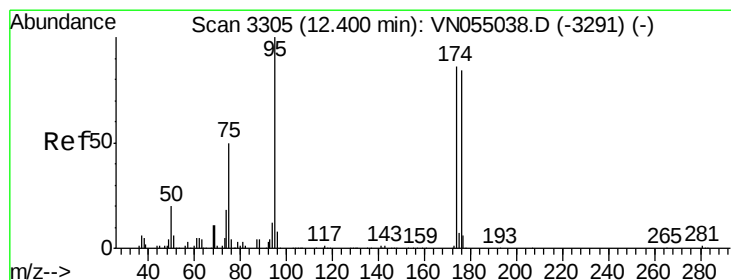
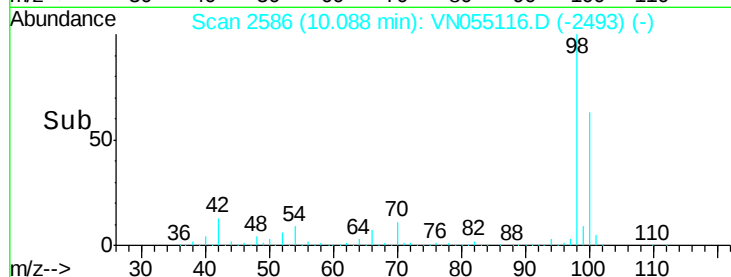
200000

100000

0

10.00 10.10 10.20

Time-->



#62

4-Bromofluorobenzene

Concen: 44.326 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055116.D

Acq: 18 Apr 2019 10:46

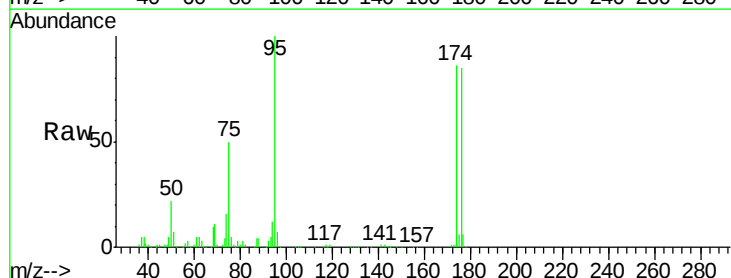
Tgt Ion: 95 Resp: 220302

Ion Ratio Lower Upper

95 100

174 84.7 0.0 174.4

176 83.0 0.0 166.8



Abundance Ion 94.90 (94.60 to 95.60): VN055038.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055038.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055038.D (-3291) (-)

12.40

150000

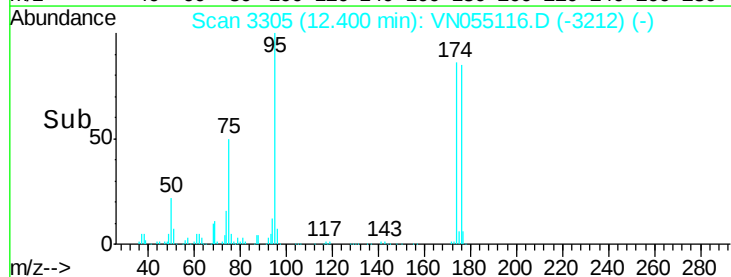
100000

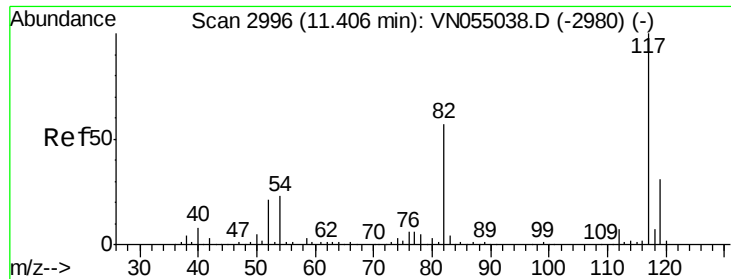
50000

0

12.30 12.40 12.50

Time-->

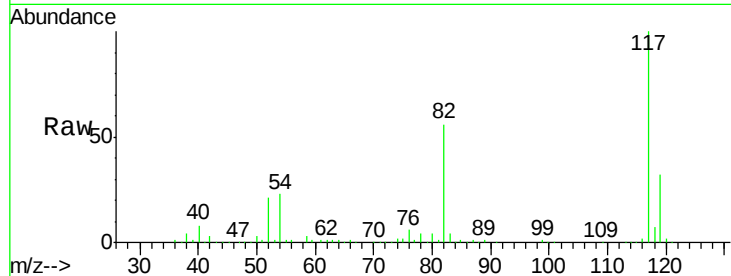




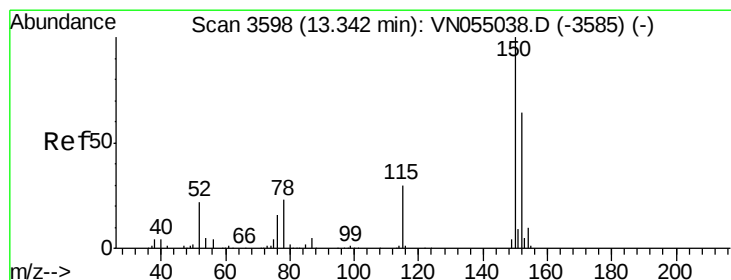
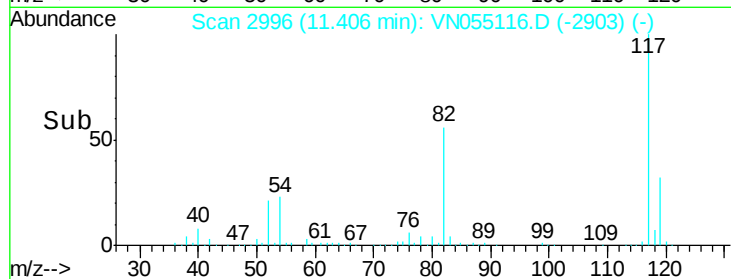
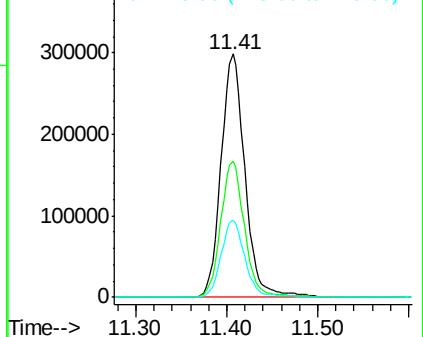
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055116.D
Acq: 18 Apr 2019 10:46

Instrument :
MSVOA_N
ClientSampleId :
PB118998TB

Tot Ion:117 Resp: 545551
Ion Ratio Lower Upper
117 100
82 56.1 44.6 66.8
119 31.7 25.5 38.3

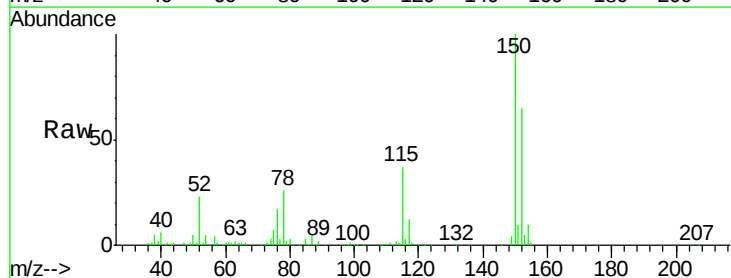


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055116.D
Acq: 18 Apr 2019 10:46

Tgt Ion:152 Resp: 167734
Ion Ratio Lower Upper
152 100
115 56.7 28.5 85.6
150 153.9 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

