

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101018\
 Data File : VN051794.D
 Acq On : 10 Oct 2018 16:34
 Operator : MD\SY
 Sample : PB113684ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113684ZHE#05

Quant Time: Oct 11 03:49:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 06:03:49 2018
 Response via : Initial Calibration

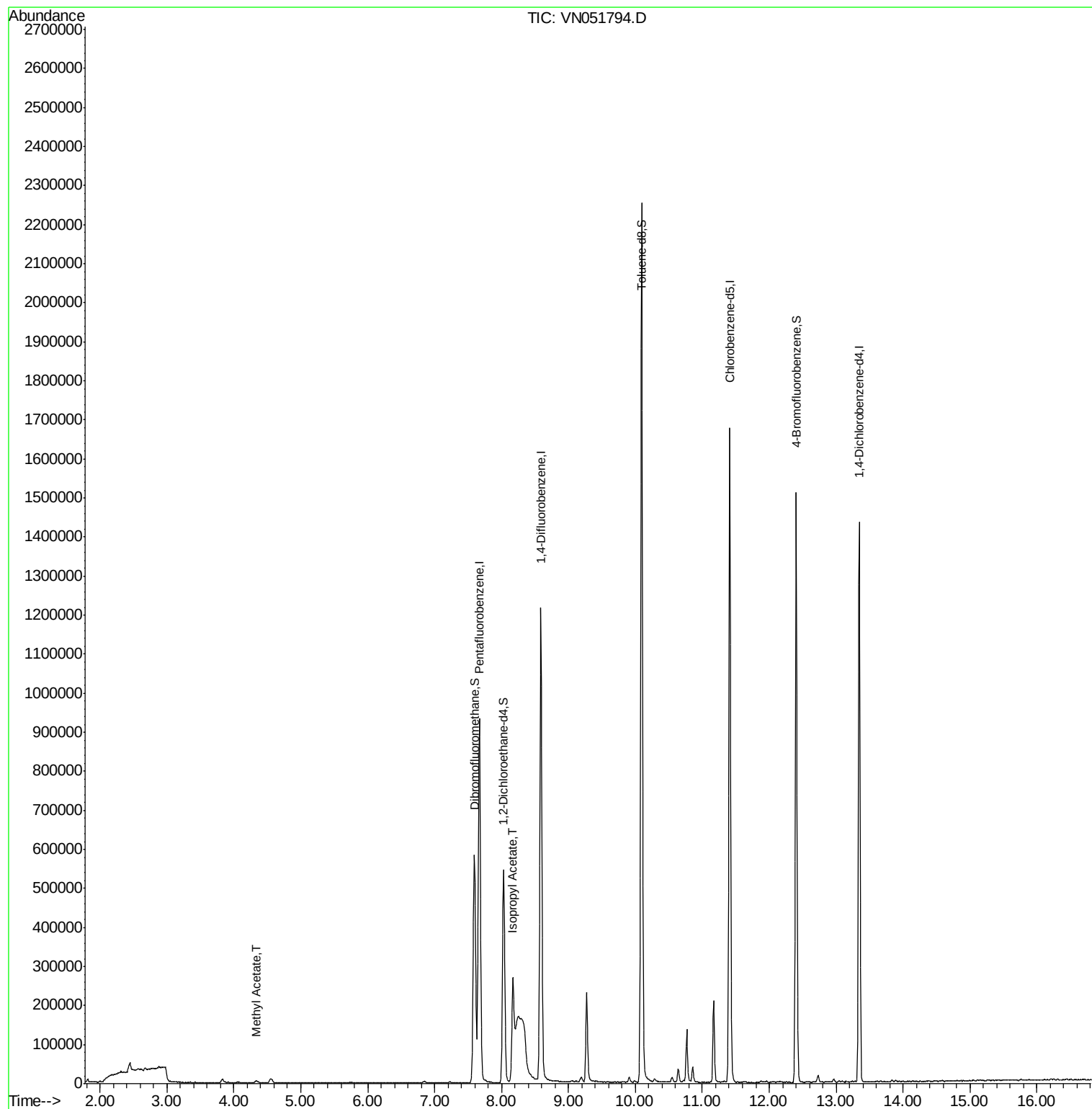
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	813918	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1185410	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1055839	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	411179	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	467215	43.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.90%	
35) Dibromofluoromethane	7.60	113	436787	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.32%	
50) Toluene-d8	10.09	98	1651955	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.64%	
62) 4-Bromofluorobenzene	12.40	95	488809	40.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.78%	
Target Compounds						
18) Methyl Acetate	4.33	43	9202	1.551	ug/l #	85
43) Isopropyl Acetate	8.17	43	341782	25.367	ug/l	96

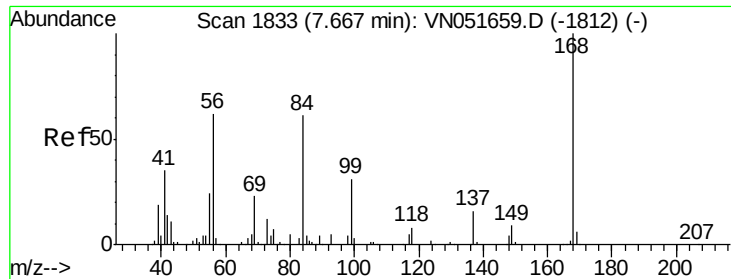
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051794.D

Acq: 10 Oct 2018 16:34

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MSVOA_N

ClientSampleId :

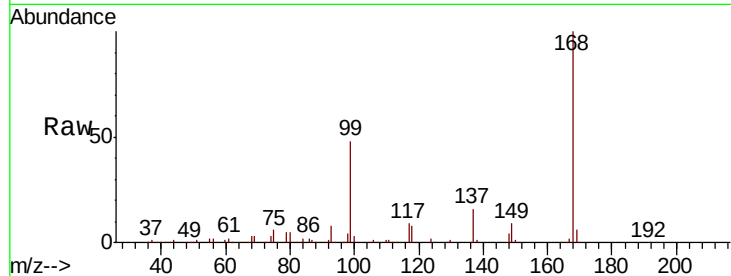
PB113684ZHE#05

Tot Ion:168 Resp: 813918

Ion Ratio Lower Upper

168 100

99 48.4 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): VN051794.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN051794.D (-1740) (-)

7.67

400000

300000

200000

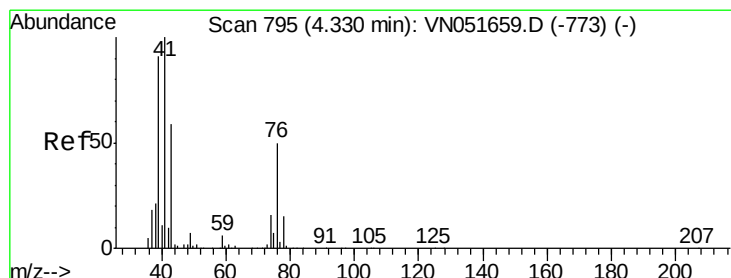
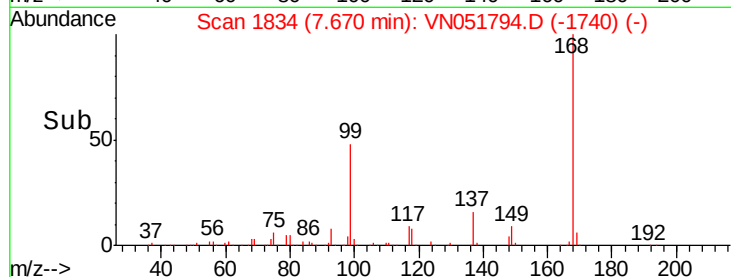
100000

0

Time-->

7.60

7.70



#18

Methyl Acetate

Concen: 1.551 ug/l

RT: 4.33 min Scan# 795

Delta R.T. 0.00 min

Lab File: VN051794.D

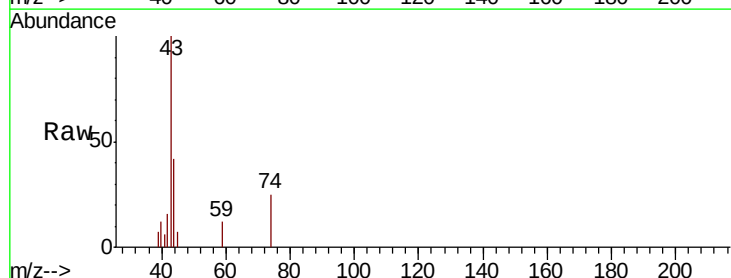
Acq: 10 Oct 2018 16:34

Tgt Ion: 43 Resp: 9202

Ion Ratio Lower Upper

43 100

74 19.1 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VN051794.D (-702) (-)

Ion 74.00 (73.70 to 74.70): VN051794.D (-702) (-)

4.33

3000

2000

1000

0

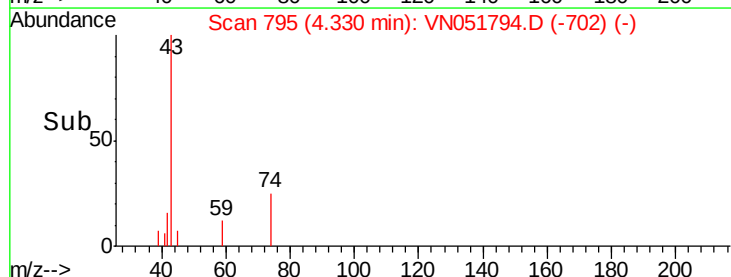
Time-->

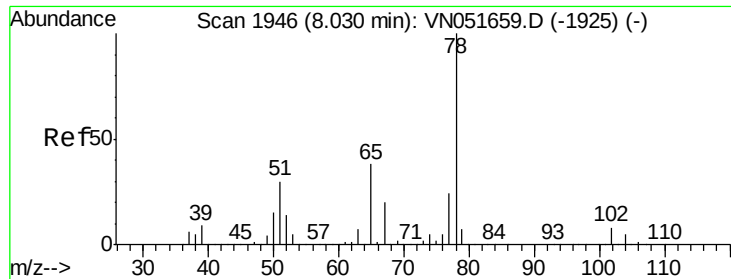
4.25

4.30

4.35

4.40

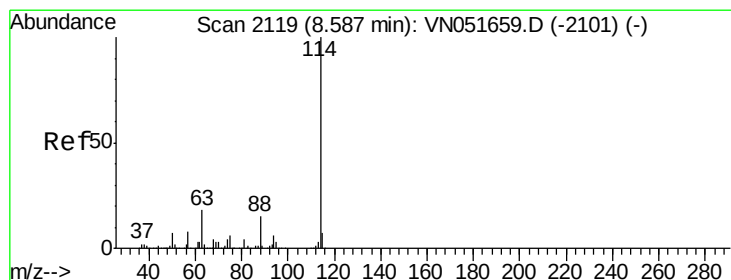
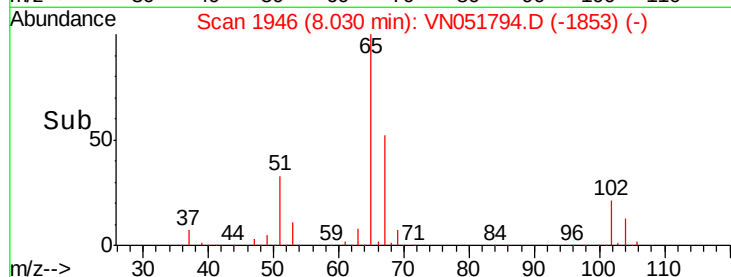
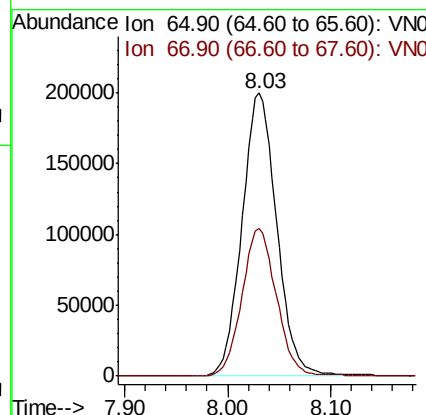
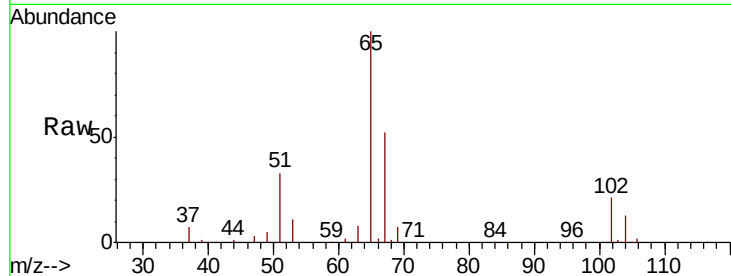




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051794.D
 Acq: 10 Oct 2018 16:34

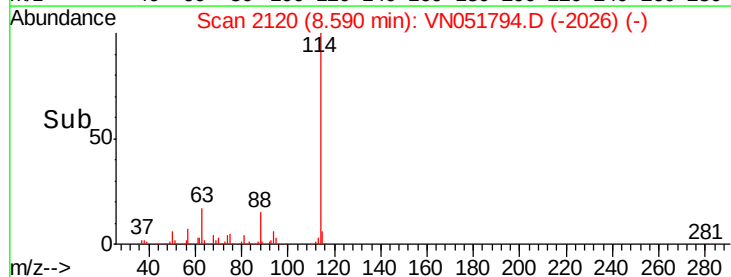
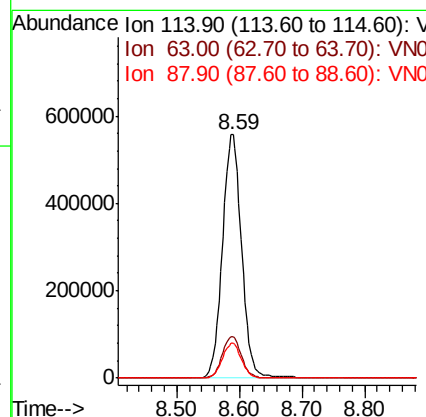
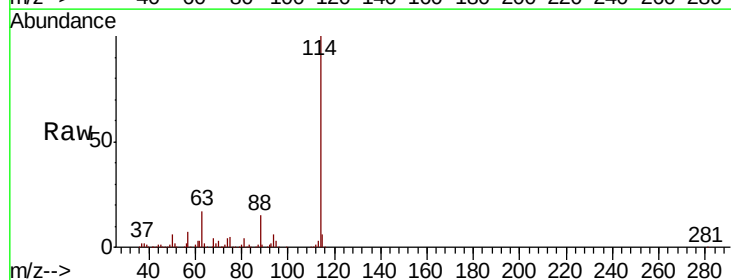
Instrument :
 MSVOA_N
 ClientSampleId :
 PB113684ZHE#05

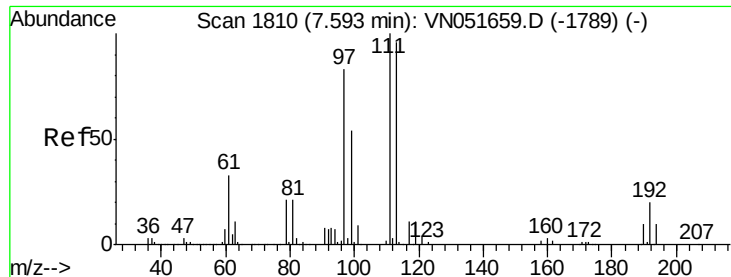
Tot Ion: 65 Resp: 467215
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN051794.D
 Acq: 10 Oct 2018 16:34

Tgt Ion: 114 Resp: 1185410
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 36.2
 88 14.5 0.0 30.2





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.60 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VN051794.D

Acq: 10 Oct 2018 16:34

Instrument :

MSVOA_N

ClientSampleId :

PB113684ZHE#05

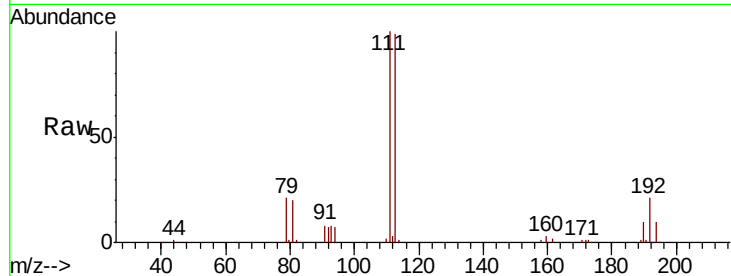
Tot Ion:113 Resp: 436787

Ion Ratio Lower Upper

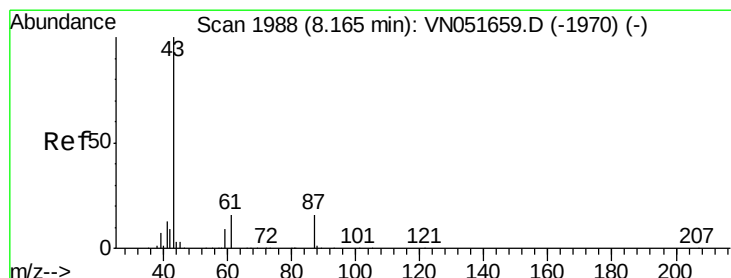
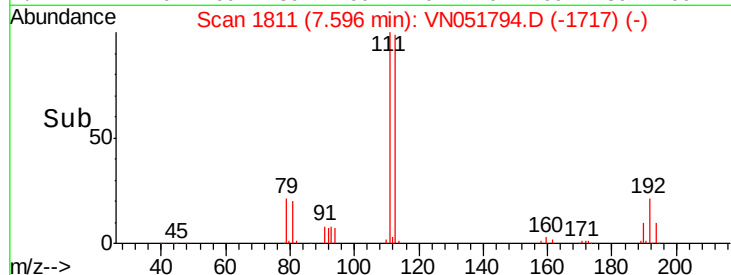
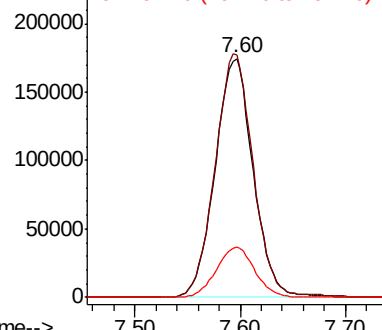
113 100

111 102.4 81.8 122.8

192 21.2 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: 25.367 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051794.D

Acq: 10 Oct 2018 16:34

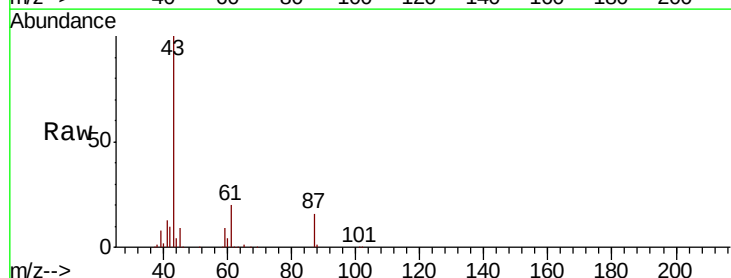
Tgt Ion: 43 Resp: 341782

Ion Ratio Lower Upper

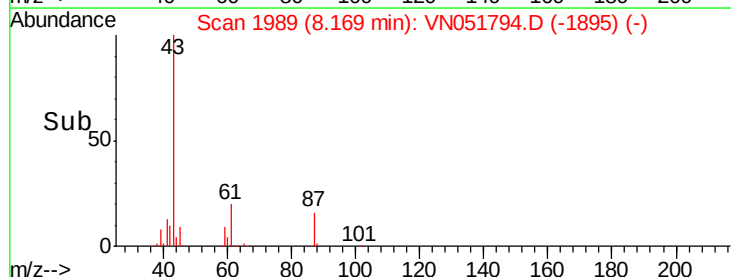
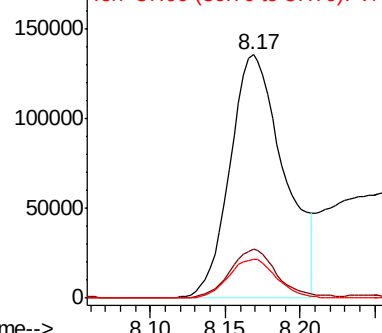
43 100

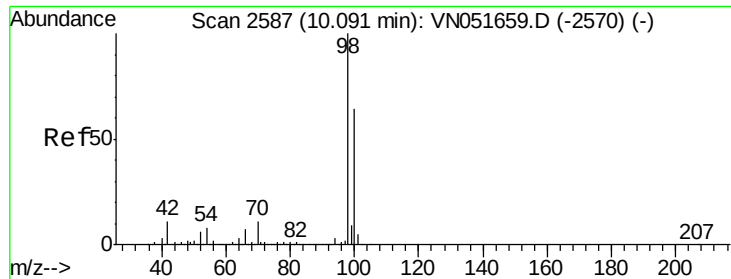
61 17.6 15.8 23.6

87 14.1 12.6 19.0



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





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051794.D

Acq: 10 Oct 2018 16:34

Instrument :

MSVOA_N

ClientSampleId :

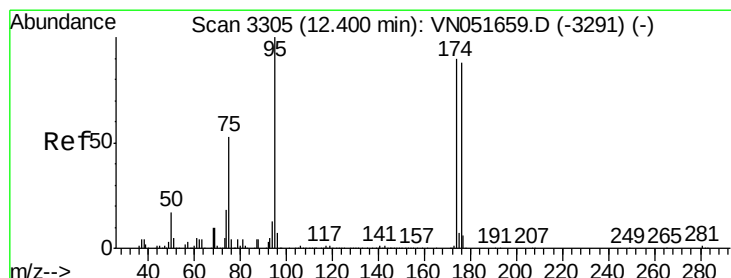
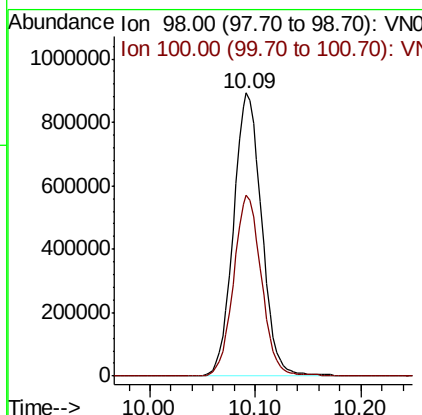
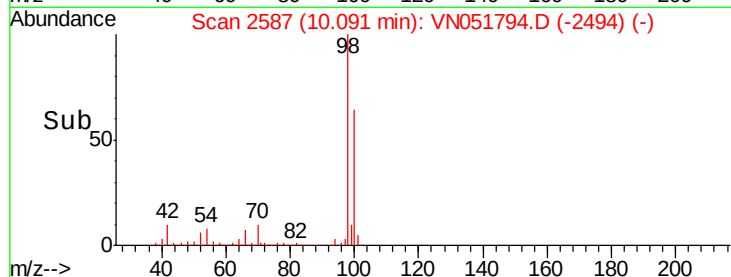
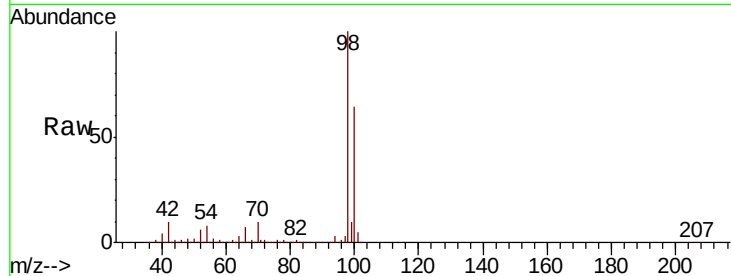
PB113684ZHE#05

Tot Ion: 98 Resp: 1651955

Ion Ratio Lower Upper

98 100

100 63.4 51.5 77.3



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051794.D

Acq: 10 Oct 2018 16:34

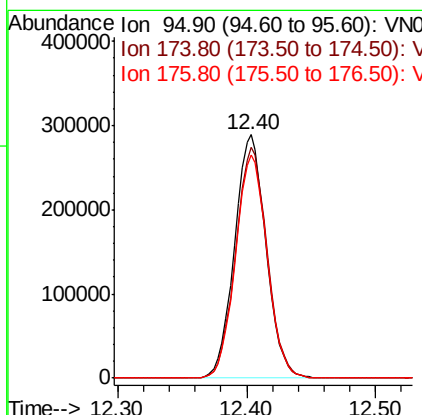
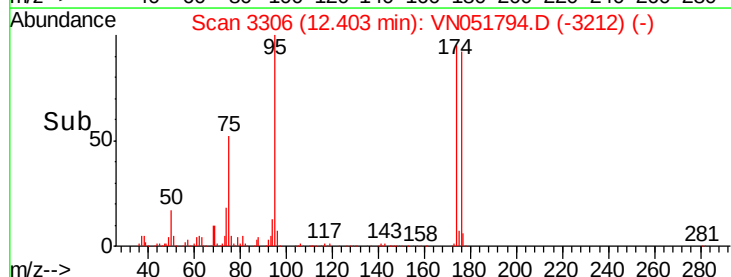
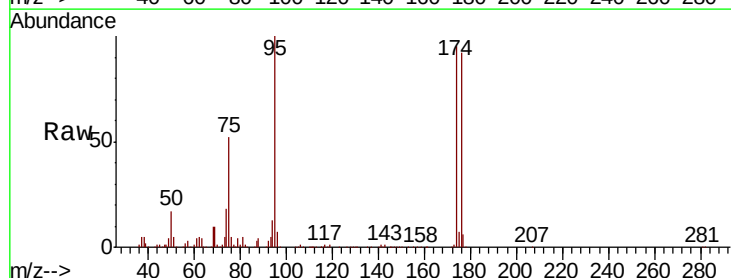
Tgt Ion: 95 Resp: 488809

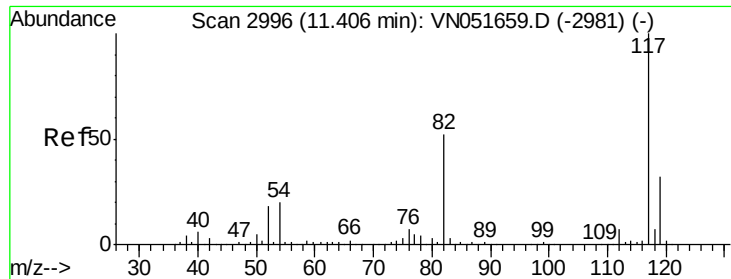
Ion Ratio Lower Upper

95 100

174 95.3 0.0 182.8

176 92.4 0.0 176.4

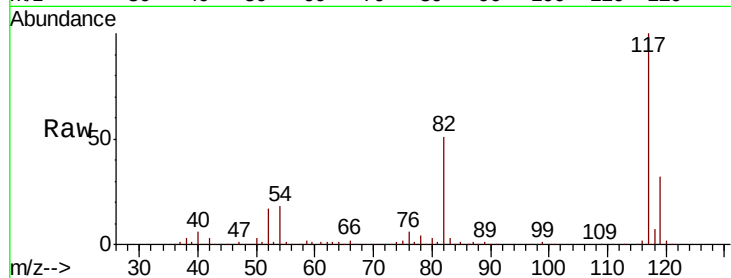




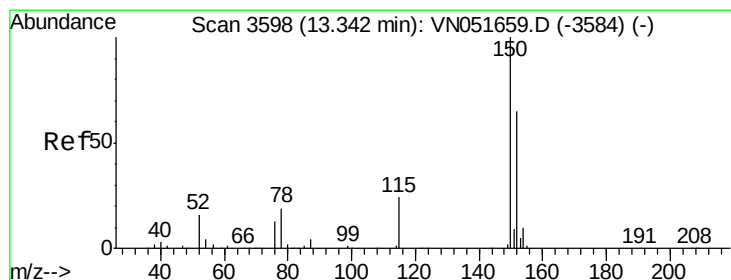
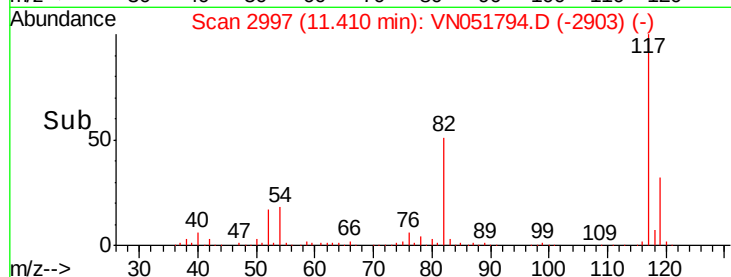
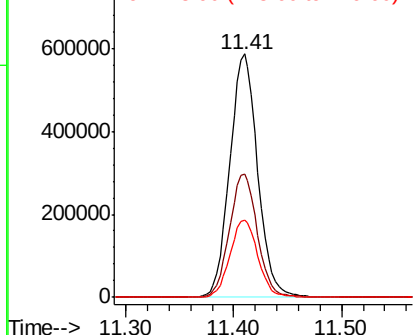
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051794.D
Acq: 10 Oct 2018 16:34

Instrument :
MSVOA_N
ClientSampleId :
PB113684ZHE#05

Tot Ion:117 Resp: 1055839
Ion Ratio Lower Upper
117 100
82 50.9 41.3 61.9
119 31.9 25.9 38.9

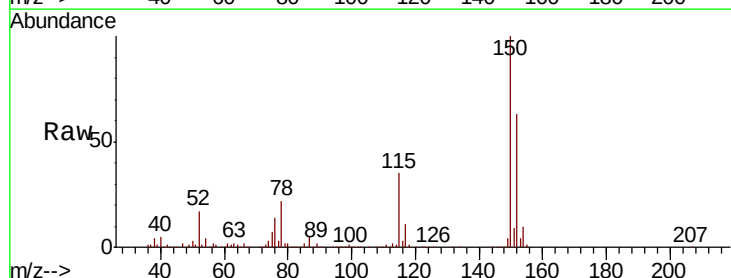


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051794.D
Acq: 10 Oct 2018 16:34

Tgt Ion:152 Resp: 411179
Ion Ratio Lower Upper
152 100
115 55.4 28.6 85.8
150 156.6 0.0 352.4



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

