

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021419\
 Data File : VN053783.D
 Acq On : 14 Feb 2019 16:56
 Operator : JC/SP
 Sample : PB117097ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB117097ZHE#03

Quant Time: Feb 15 04:29:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

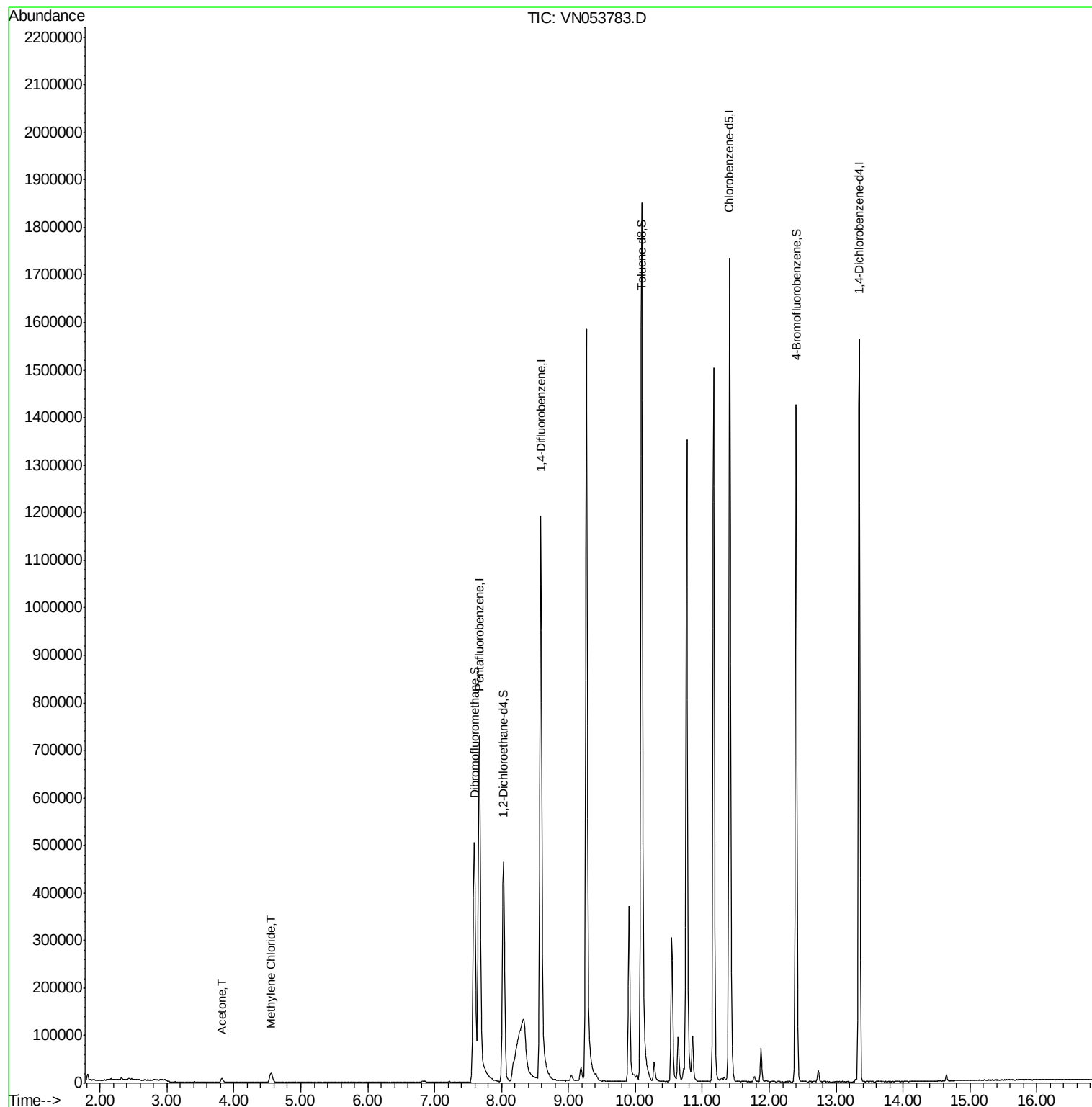
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	747600	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1255093	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1169342	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	456636	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	397889	53.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.10%	
35) Dibromofluoromethane	7.59	113	399118	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
50) Toluene-d8	10.09	98	1524222	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
62) 4-Bromofluorobenzene	12.40	95	502503	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
Target Compounds						
16) Acetone	3.82	43	14468	7.521	ug/l	97
20) Methylene Chloride	4.56	84	16430	2.036	ug/l	97

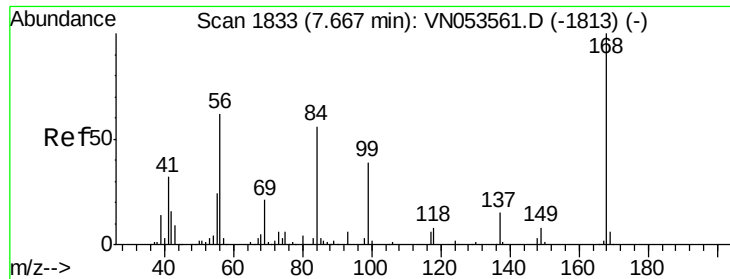
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053783.D

Acq: 14 Feb 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

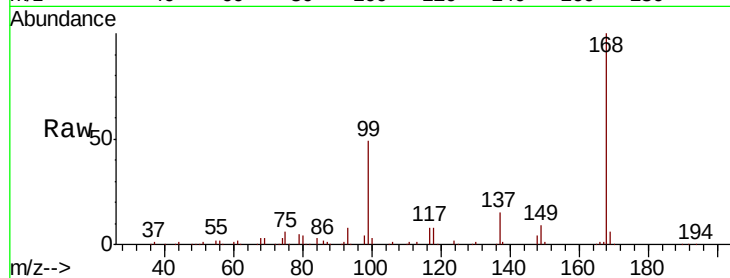
PB117097ZHE#03

Tot Ion:168 Resp: 747600

Ion Ratio Lower Upper

168 100

99 48.9 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053783.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053783.D (-1740) (-)

7.67

300000

250000

200000

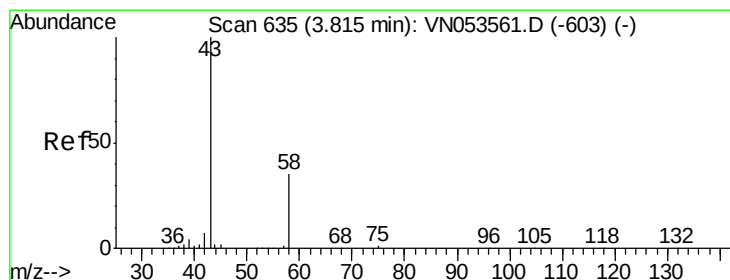
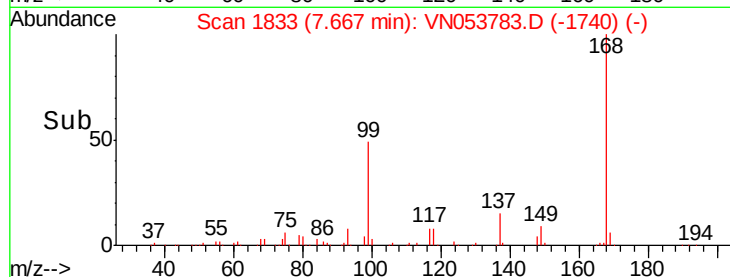
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#16

Acetone

Concen: 7.521 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053783.D

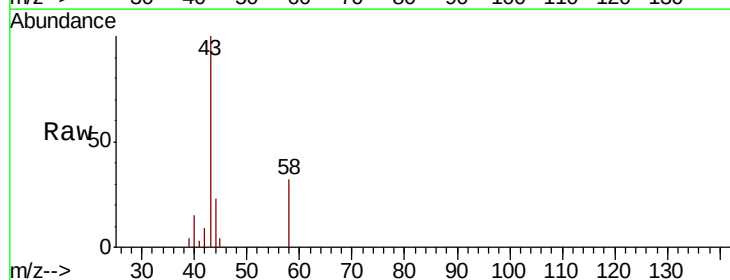
Acq: 14 Feb 2019 16:56

Tgt Ion: 43 Resp: 14468

Ion Ratio Lower Upper

43 100

58 32.2 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN053783.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN053783.D (-542) (-)

3.82

6000

5000

4000

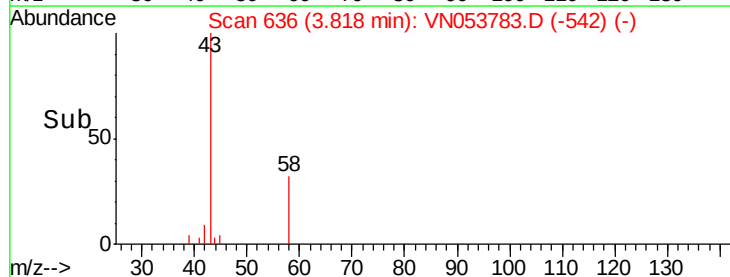
3000

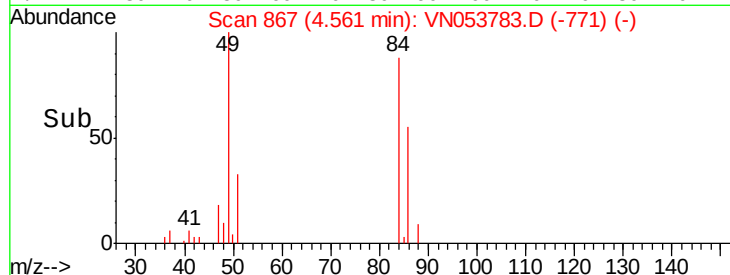
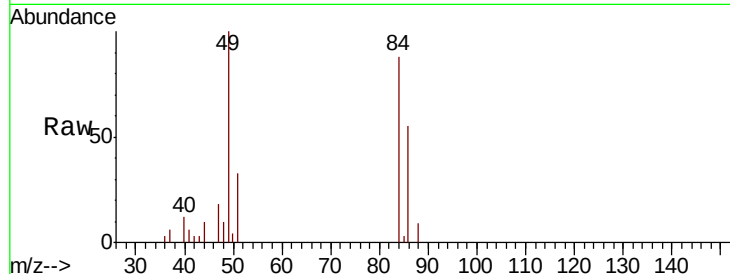
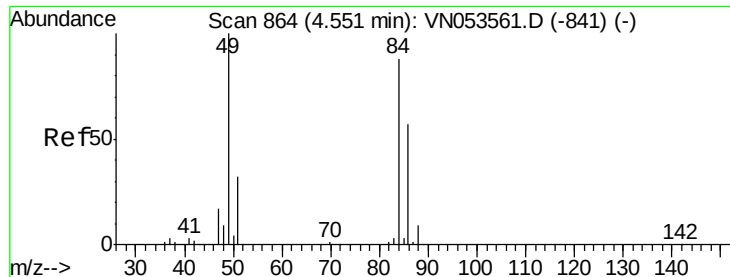
2000

1000

0

Time--> 3.75 3.80 3.85 3.90

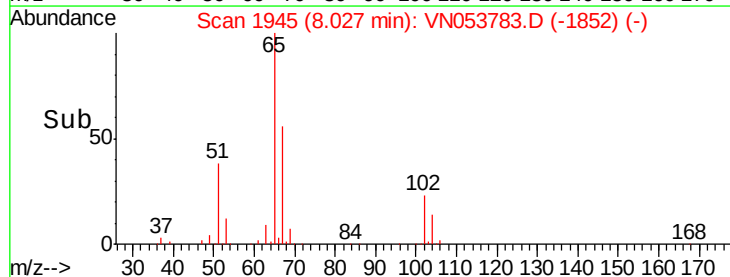
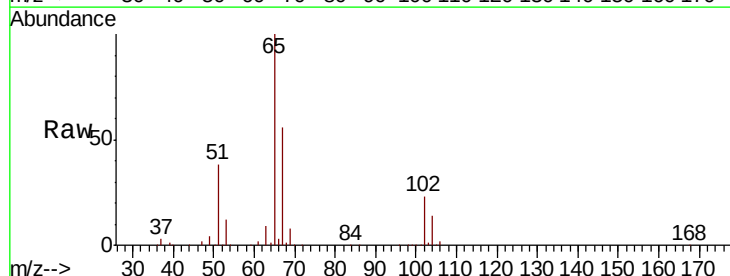
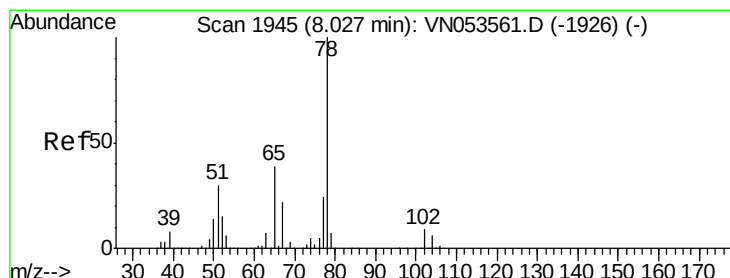
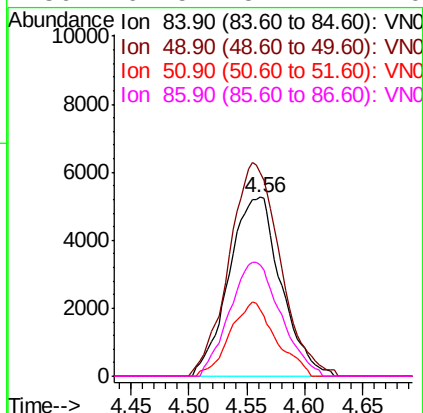




#20
Methylene Chloride
Concen: 2.036 ug/l
RT: 4.56 min Scan# 867
Delta R.T. 0.01 min
Lab File: VN053783.D
Acq: 14 Feb 2019 16:56

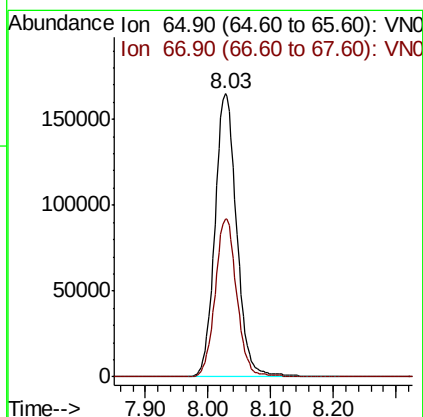
Instrument :
MSVOA_N
ClientSampleId :
PB117097ZHE#03

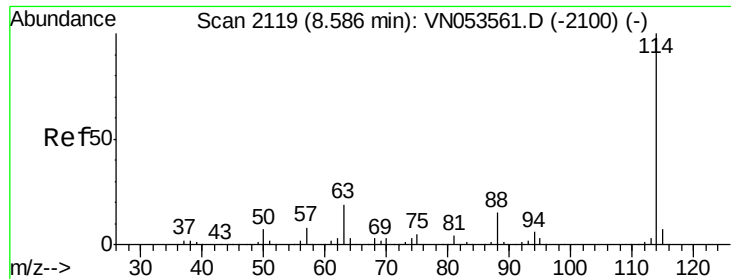
Tot Ion:	84	Resp:	16430
Ion	Ratio	Lower	Upper
84	100		
49	113.6	94.3	141.5
51	37.5	29.4	44.2
86	62.5	51.4	77.0



#33
1,2-Dichloroethane-d4
Concen: 53.053 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053783.D
Acq: 14 Feb 2019 16:56

Tgt Ion:	65	Resp:	397889
Ion	Ratio	Lower	Upper
65	100		
67	55.6	0.0	111.2



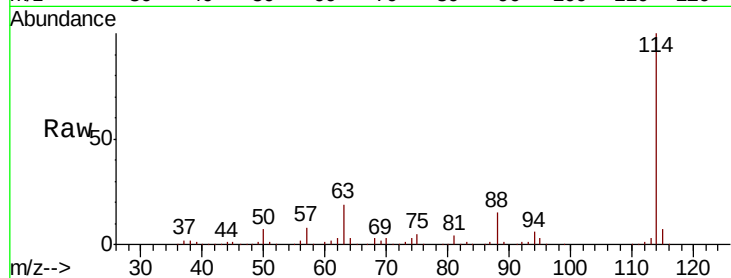


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053783.D
 Acq: 14 Feb 2019 16:56

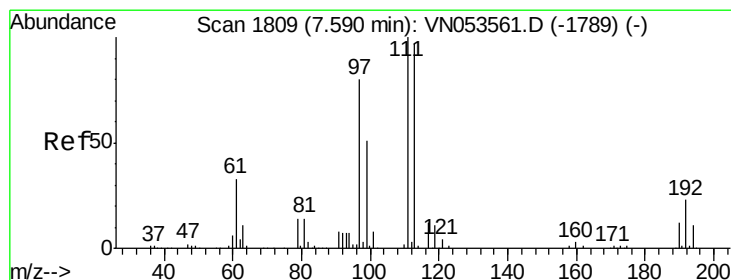
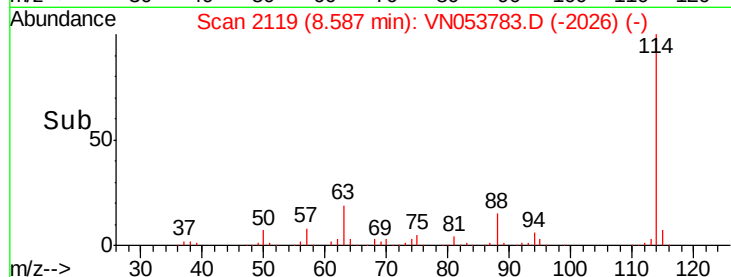
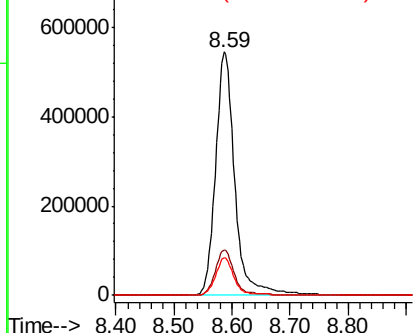
Instrument :
 MSVOA_N
 ClientSampleId :
 PB117097ZHE#03

Tot Ion:114 Resp: 1255093

Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	38.6
88	15.5	0.0	30.4



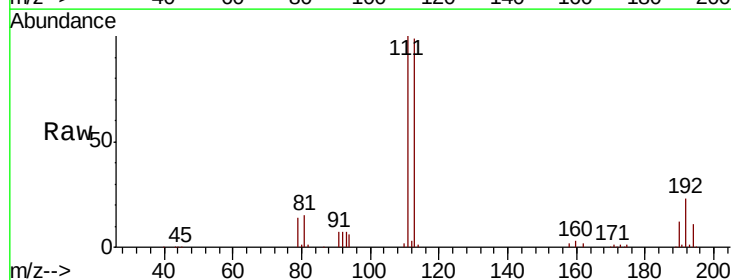
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



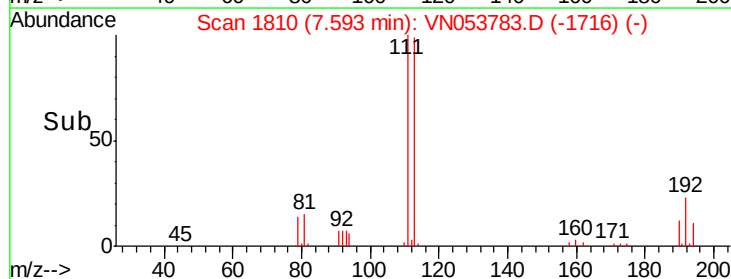
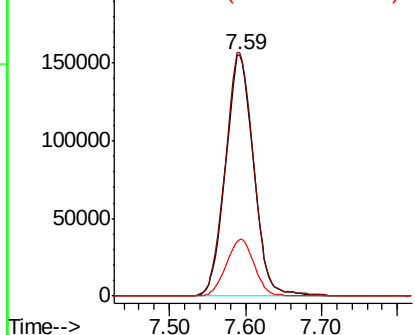
#35
 Dibromofluoromethane
 Concen: 50.327 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053783.D
 Acq: 14 Feb 2019 16:56

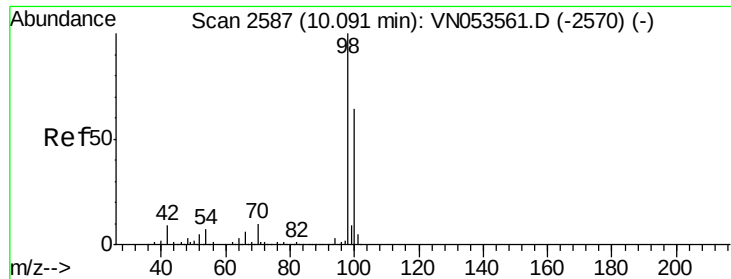
Tgt Ion:113 Resp: 399118

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.1	121.7
192	23.4	18.2	27.2



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





#50

Toluene-d8

Concen: 51.187 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053783.D

Acq: 14 Feb 2019 16:56

Instrument :

MSVOA_N

ClientSampleId :

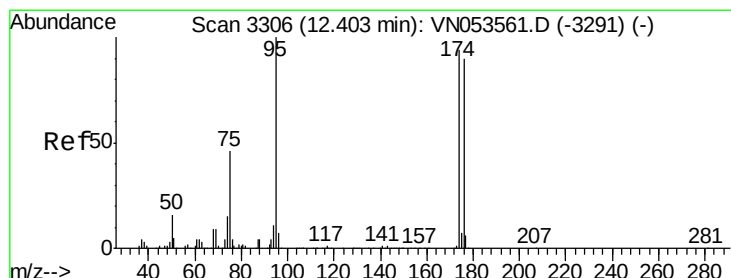
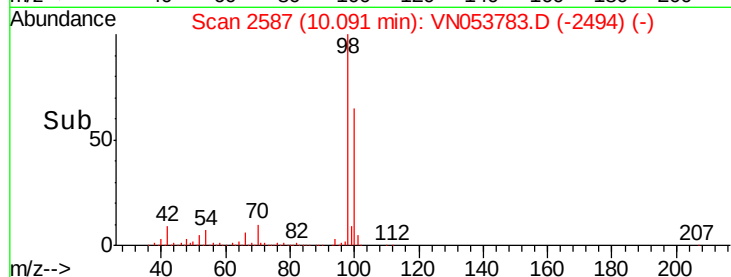
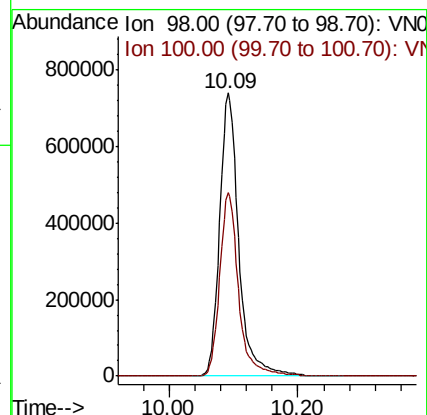
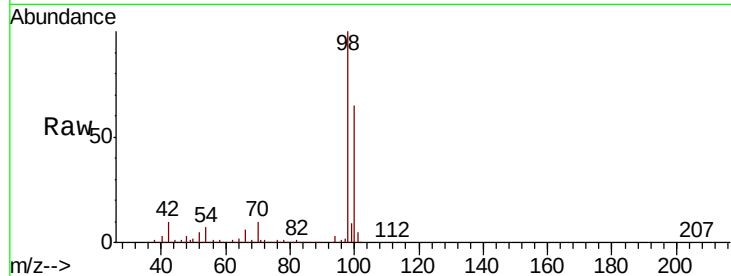
PB117097ZHE#03

Tot Ion: 98 Resp: 1524222

Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 50.598 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053783.D

Acq: 14 Feb 2019 16:56

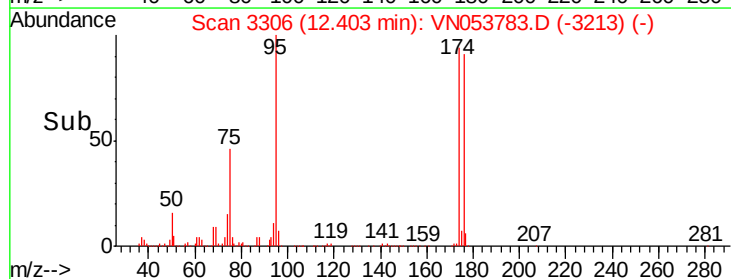
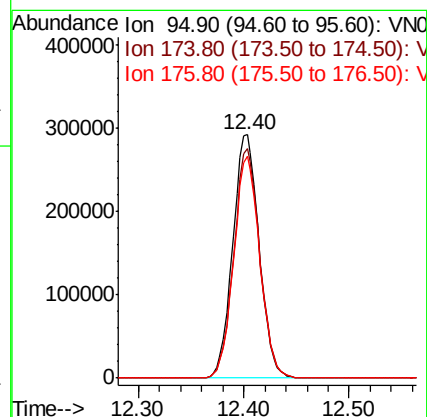
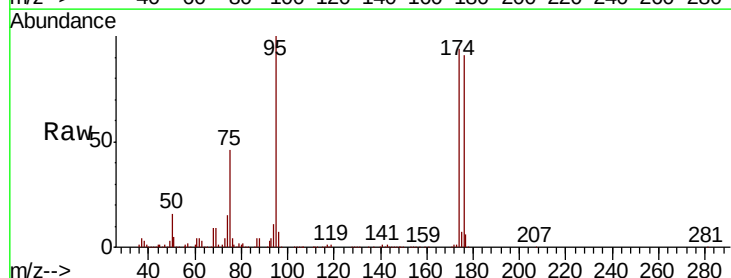
Tgt Ion: 95 Resp: 502503

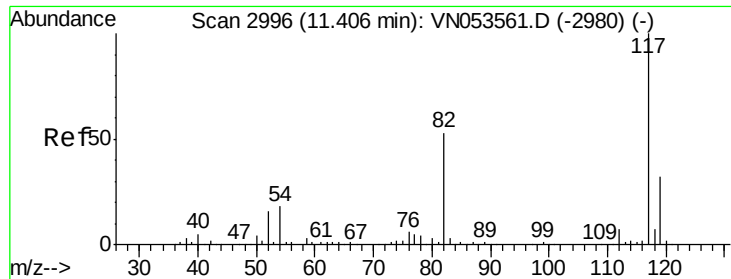
Ion Ratio Lower Upper

95 100

174 93.4 0.0 183.2

176 90.2 0.0 177.4

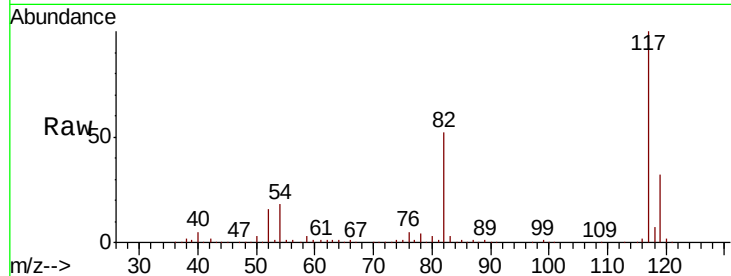




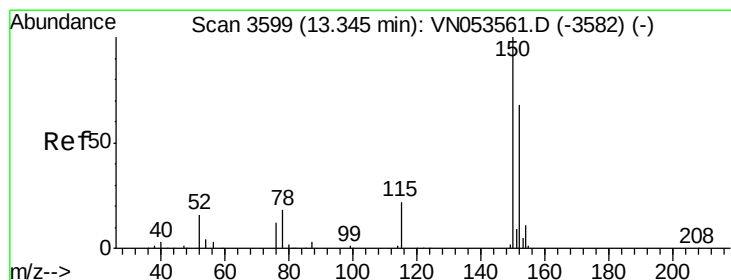
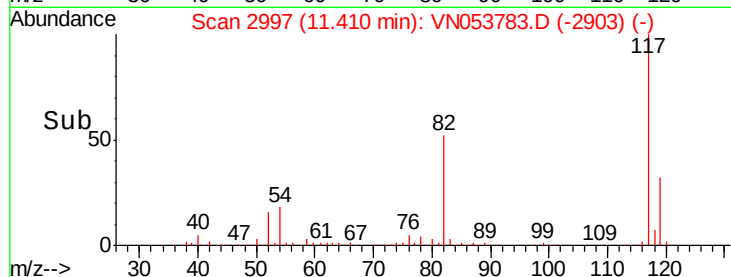
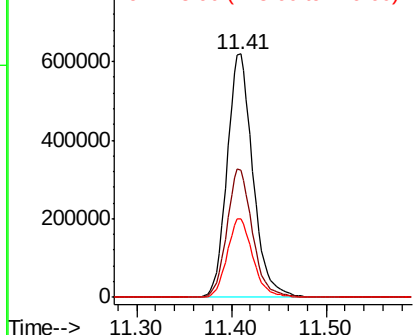
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053783.D
Acq: 14 Feb 2019 16:56

Instrument :
MSVOA_N
ClientSampleId :
PB117097ZHE#03

Tot Ion:117 Resp: 1169342
Ion Ratio Lower Upper
117 100
82 52.1 42.9 64.3
119 32.2 26.0 39.0

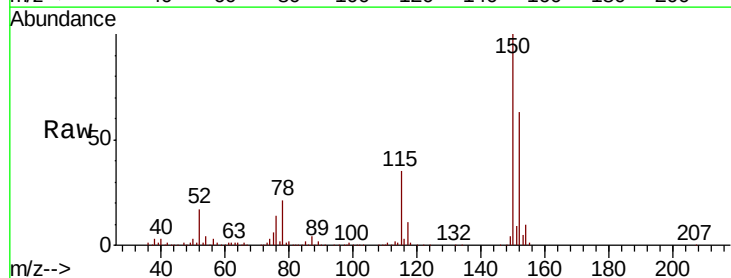


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053783.D
Acq: 14 Feb 2019 16:56

Tgt Ion:152 Resp: 456636
Ion Ratio Lower Upper
152 100
115 55.5 27.8 83.4
150 159.2 0.0 349.0



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

