

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101018\
 Data File : VN051798.D
 Acq On : 10 Oct 2018 18:13
 Operator : MD\SY
 Sample : PB113684ZHE#09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113684ZHE#09

Quant Time: Oct 11 04:04:17 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

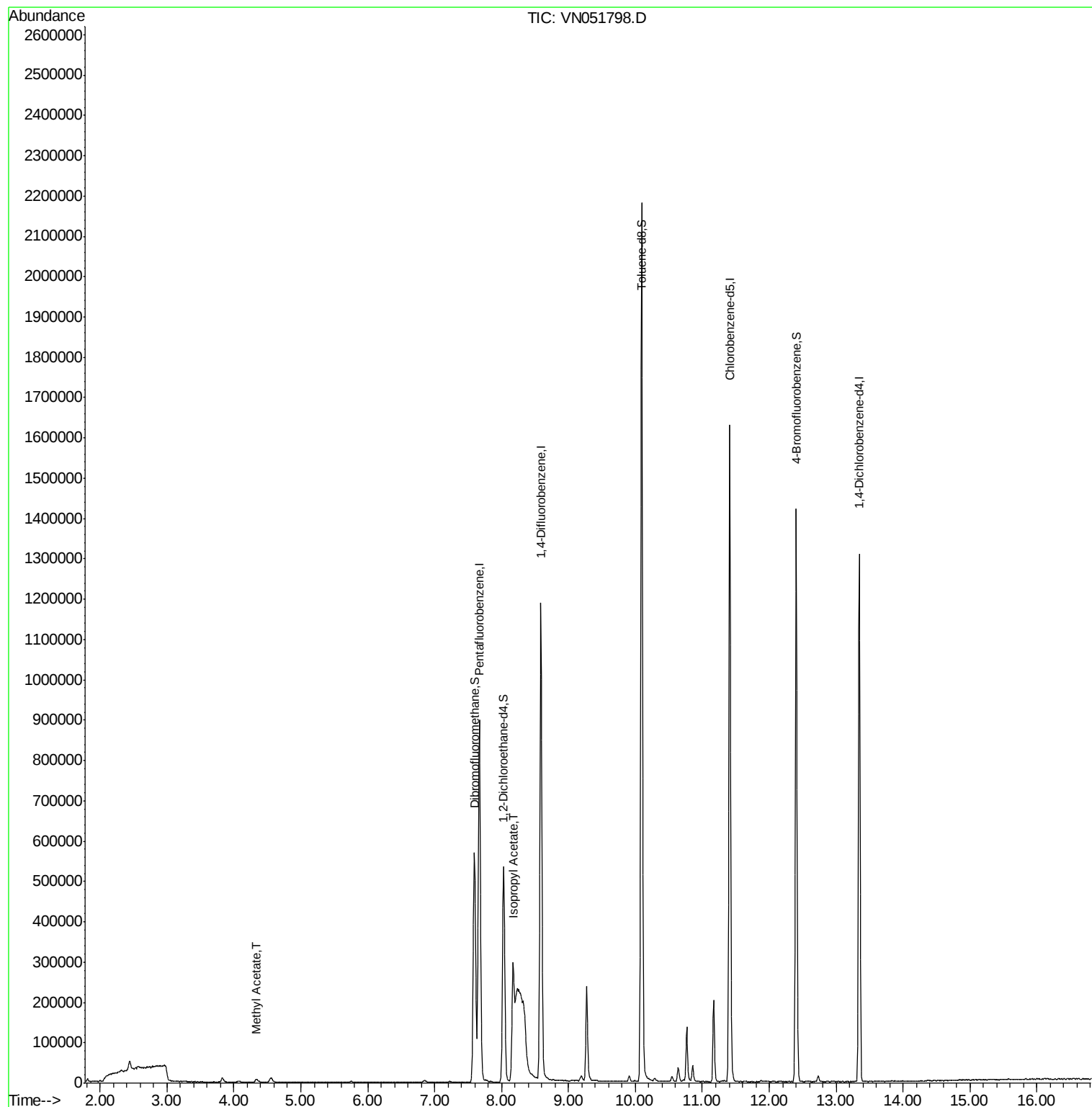
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	786964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1143916	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1010648	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	374787	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	460510	44.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.60%	
35) Dibromofluoromethane	7.59	113	419998	47.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.98%	
50) Toluene-d8	10.09	98	1616026	48.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.96%	
62) 4-Bromofluorobenzene	12.40	95	464455	39.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.54%	
Target Compounds						
18) Methyl Acetate	4.34	43	12730	2.218	ug/l #	72
43) Isopropyl Acetate	8.17	43	389663	29.970	ug/l #	92

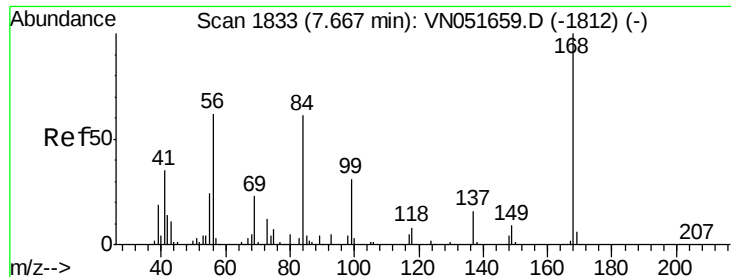
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051798.D

Acq: 10 Oct 2018 18:13

Instrument :

MSVOA_N

ClientSampleId :

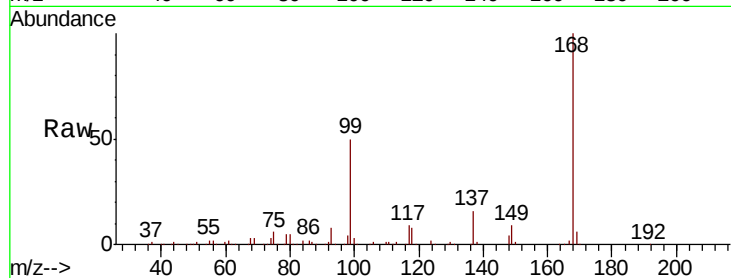
PB113684ZHE#09

Tot Ion:168 Resp: 786964

Ion Ratio Lower Upper

168 100

99 49.5 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

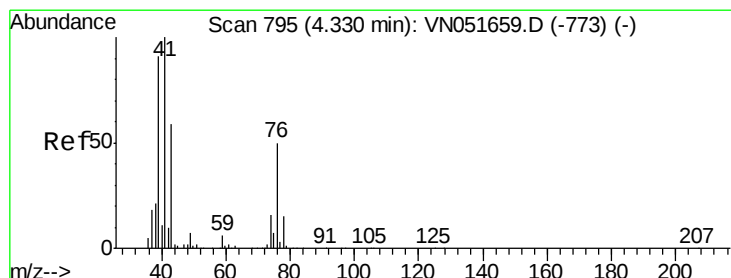
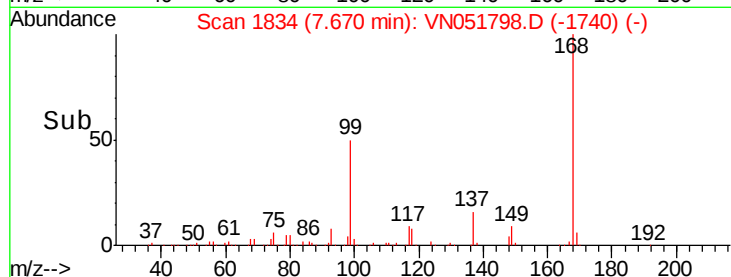
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 2.218 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN051798.D

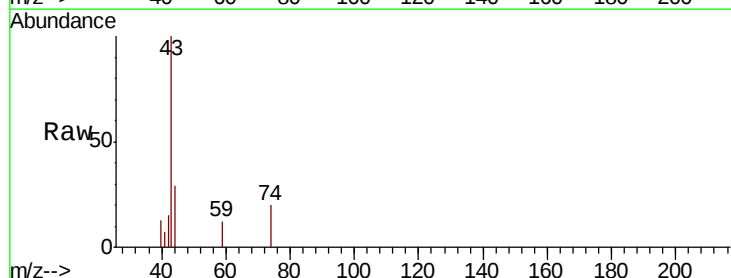
Acq: 10 Oct 2018 18:13

Tgt Ion: 43 Resp: 12730

Ion Ratio Lower Upper

43 100

74 12.7 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

4.34

6000

5000

4000

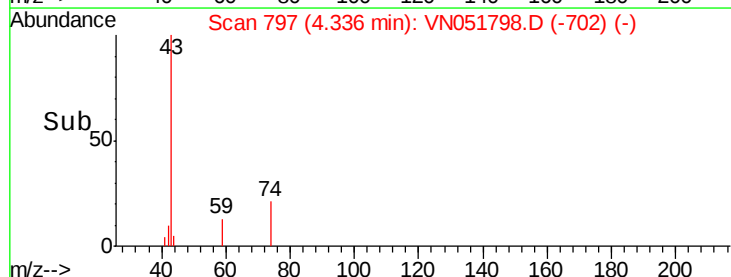
3000

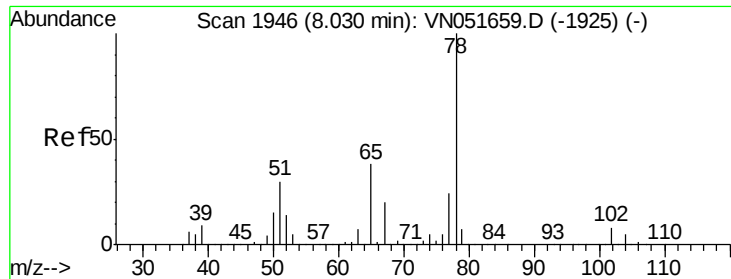
2000

1000

0

Time-->

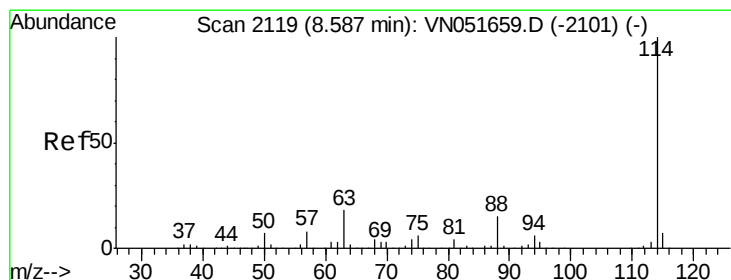
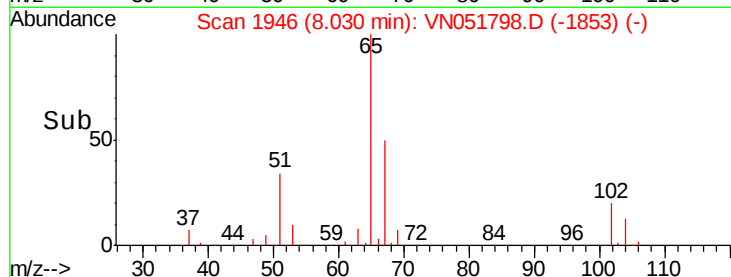
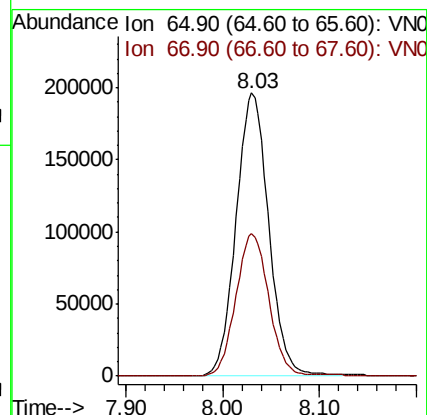
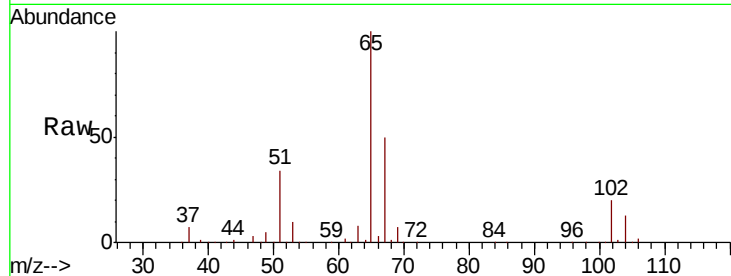




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. -0.00 min
 Lab File: VN051798.D
 Acq: 10 Oct 2018 18:13

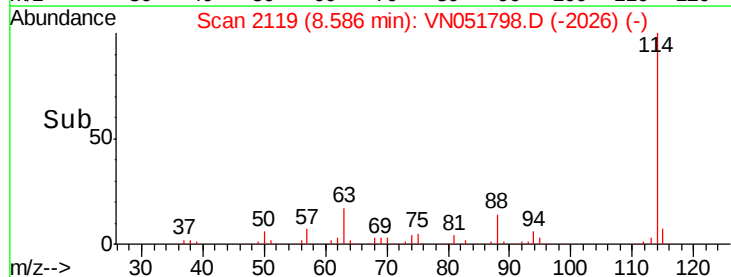
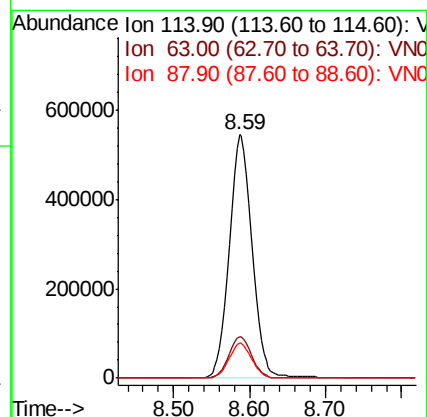
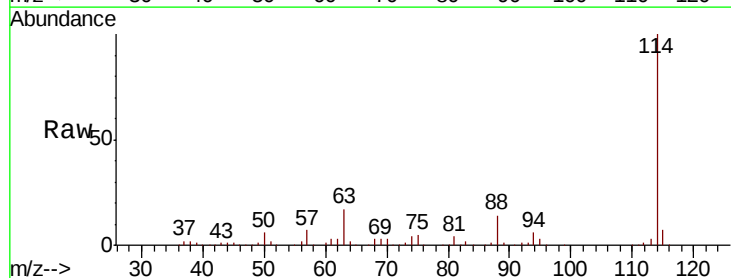
Instrument :
 MSVOA_N
 ClientSampleId :
 PB113684ZHE#09

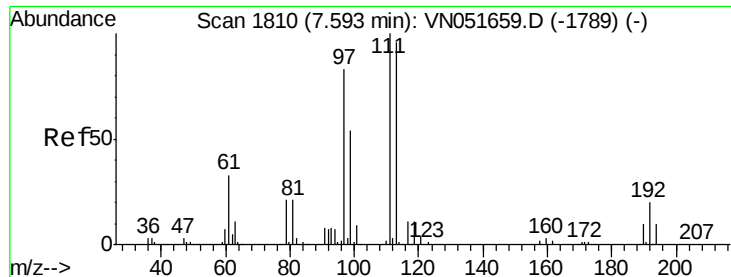
Tot Ion: 65 Resp: 460510
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051798.D
 Acq: 10 Oct 2018 18:13

Tgt Ion: 114 Resp: 1143916
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 36.2
 88 14.4 0.0 30.2

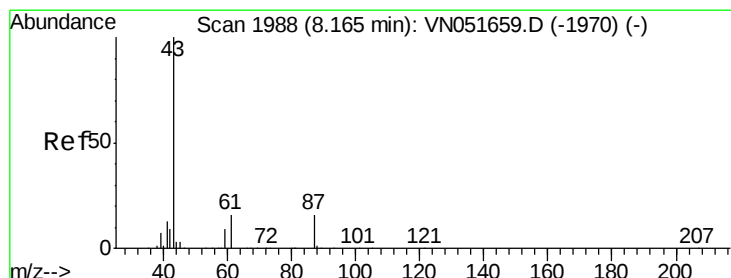
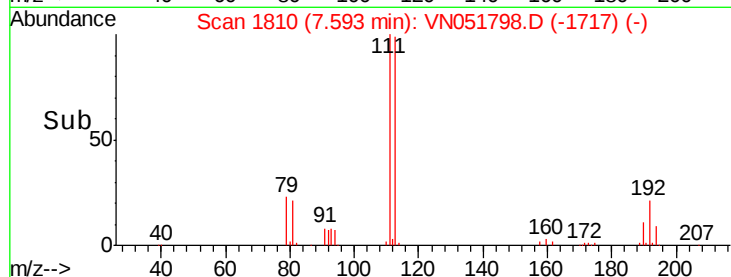
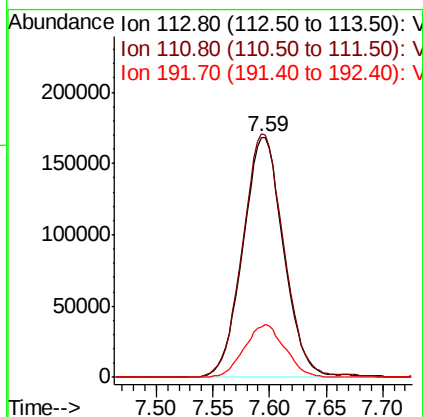
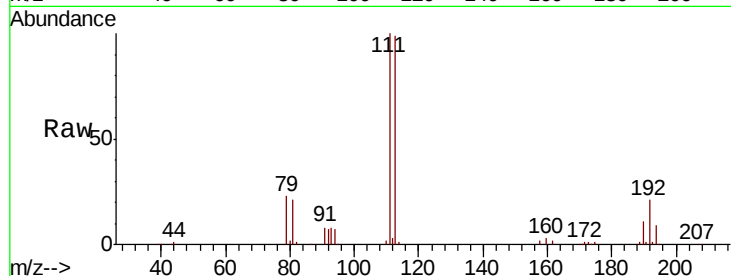




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN051798.D
Acq: 10 Oct 2018 18:13

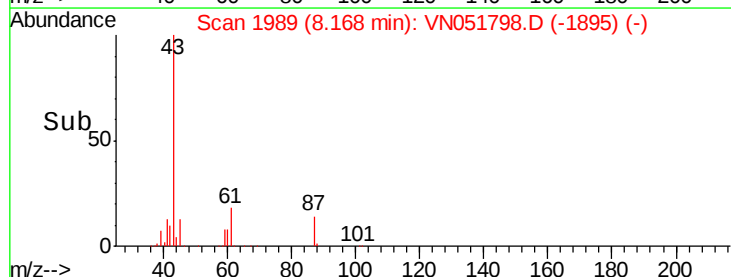
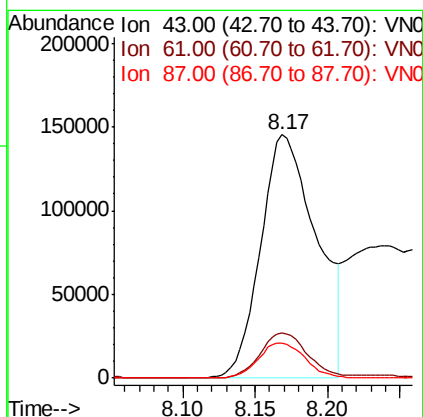
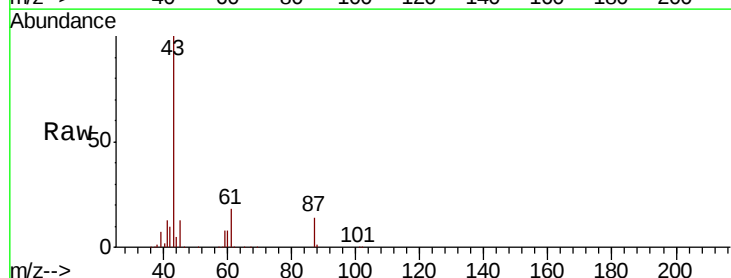
Instrument :
MSVOA_N
ClientSampleId :
PB113684ZHE#09

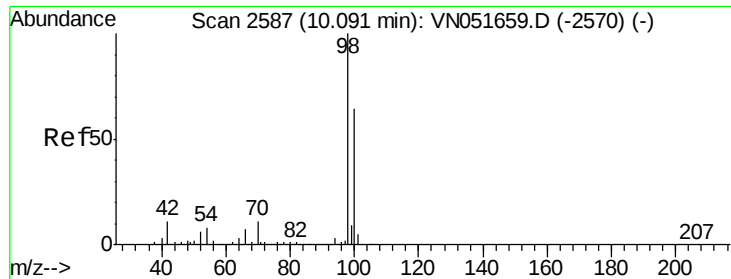
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.8	122.8
192	22.1	16.5	24.7



#43
Isopropyl Acetate
Concen: 29.970 ug/l
RT: 8.17 min Scan# 1989
Delta R.T. 0.00 min
Lab File: VN051798.D
Acq: 10 Oct 2018 18:13

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.9	15.8	23.6
87	12.2	12.6	19.0





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051798.D

Acq: 10 Oct 2018 18:13

Instrument :

MSVOA_N

ClientSampleId :

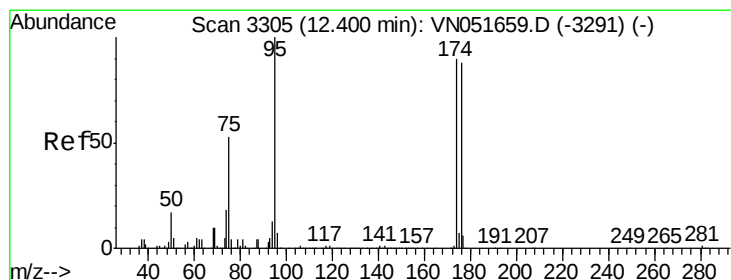
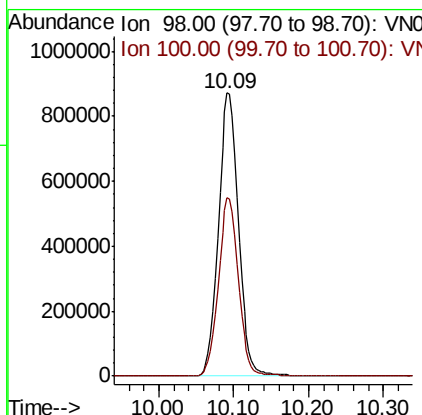
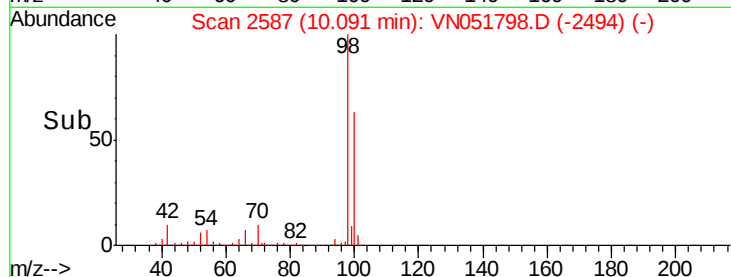
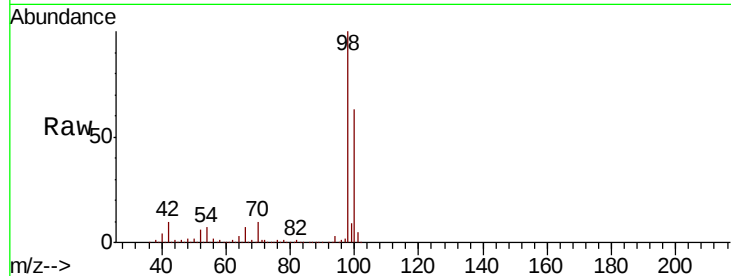
PB113684ZHE#09

Tot Ion: 98 Resp: 1616026

Ion Ratio Lower Upper

98 100

100 62.9 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: VN051798.D

Acq: 10 Oct 2018 18:13

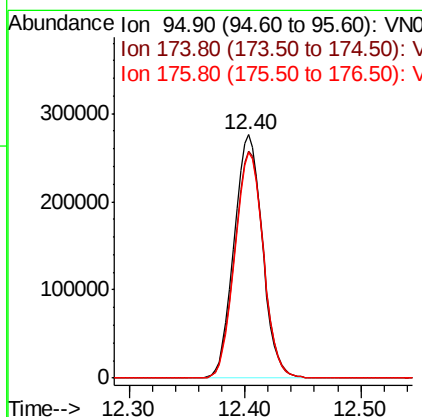
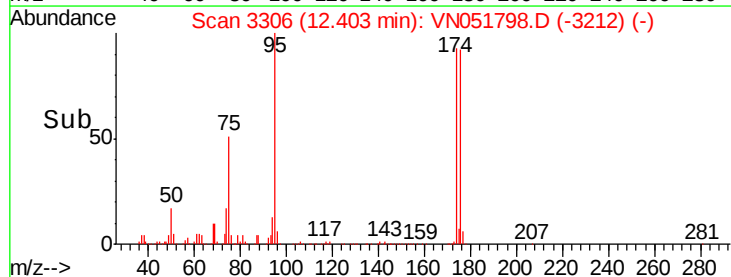
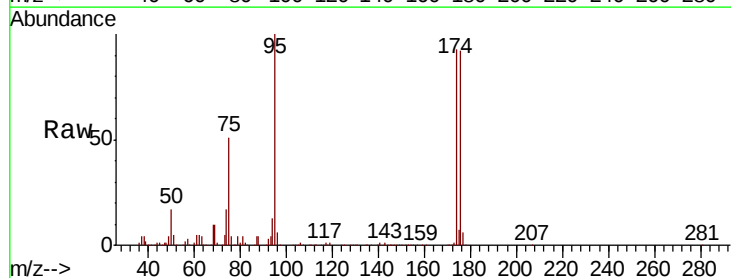
Tgt Ion: 95 Resp: 464455

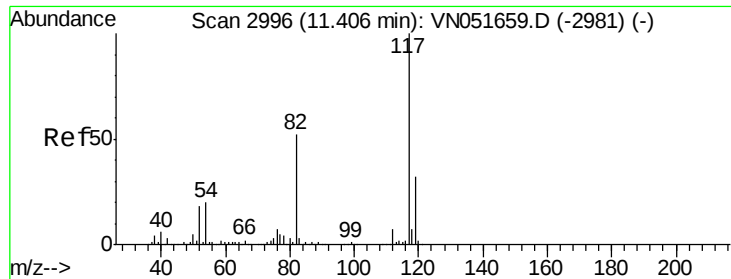
Ion Ratio Lower Upper

95 100

174 95.0 0.0 182.8

176 93.0 0.0 176.4

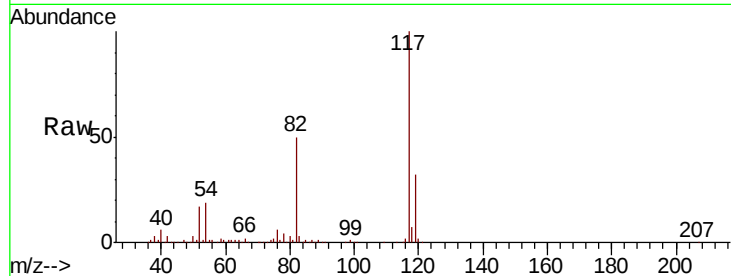




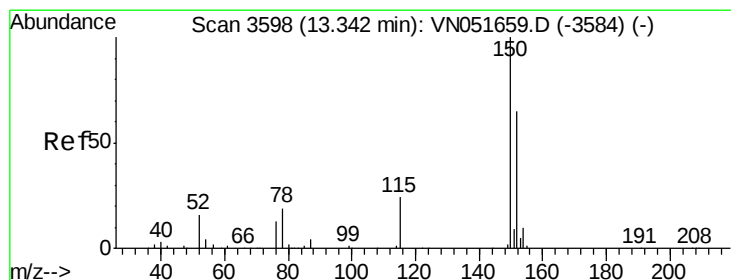
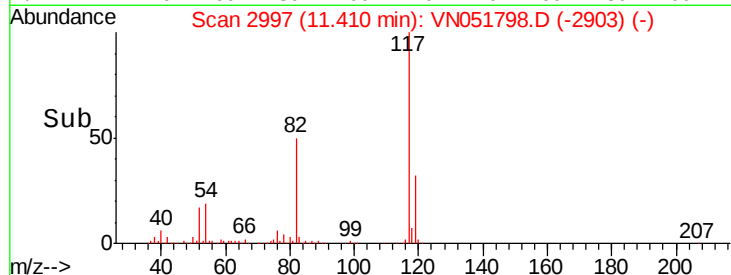
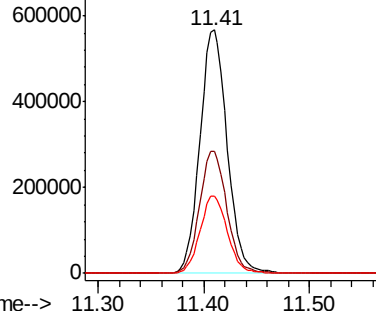
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051798.D
Acq: 10 Oct 2018 18:13

Instrument :
MSVOA_N
ClientSampleId :
PB113684ZHE#09

Tot Ion:117 Resp: 1010648
Ion Ratio Lower Upper
117 100
82 50.2 41.3 61.9
119 32.0 25.9 38.9

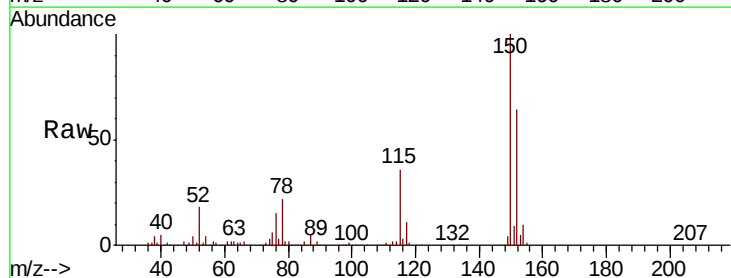


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051798.D
Acq: 10 Oct 2018 18:13

Tgt Ion:152 Resp: 374787
Ion Ratio Lower Upper
152 100
115 55.6 28.6 85.8
150 158.3 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

