

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101818\
 Data File : VN051915.D
 Acq On : 18 Oct 2018 14:41
 Operator : MD\SY
 Sample : PB113908TB
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113908TB

Quant Time: Oct 19 07:05:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 19 05:11:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1020587	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1462974	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1281348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	441813	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	545748	57.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.36%	
35) Dibromofluoromethane	7.59	113	545031	58.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.22%	
50) Toluene-d8	10.09	98	1986548	58.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.38%	
62) 4-Bromofluorobenzene	12.40	95	558743	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	

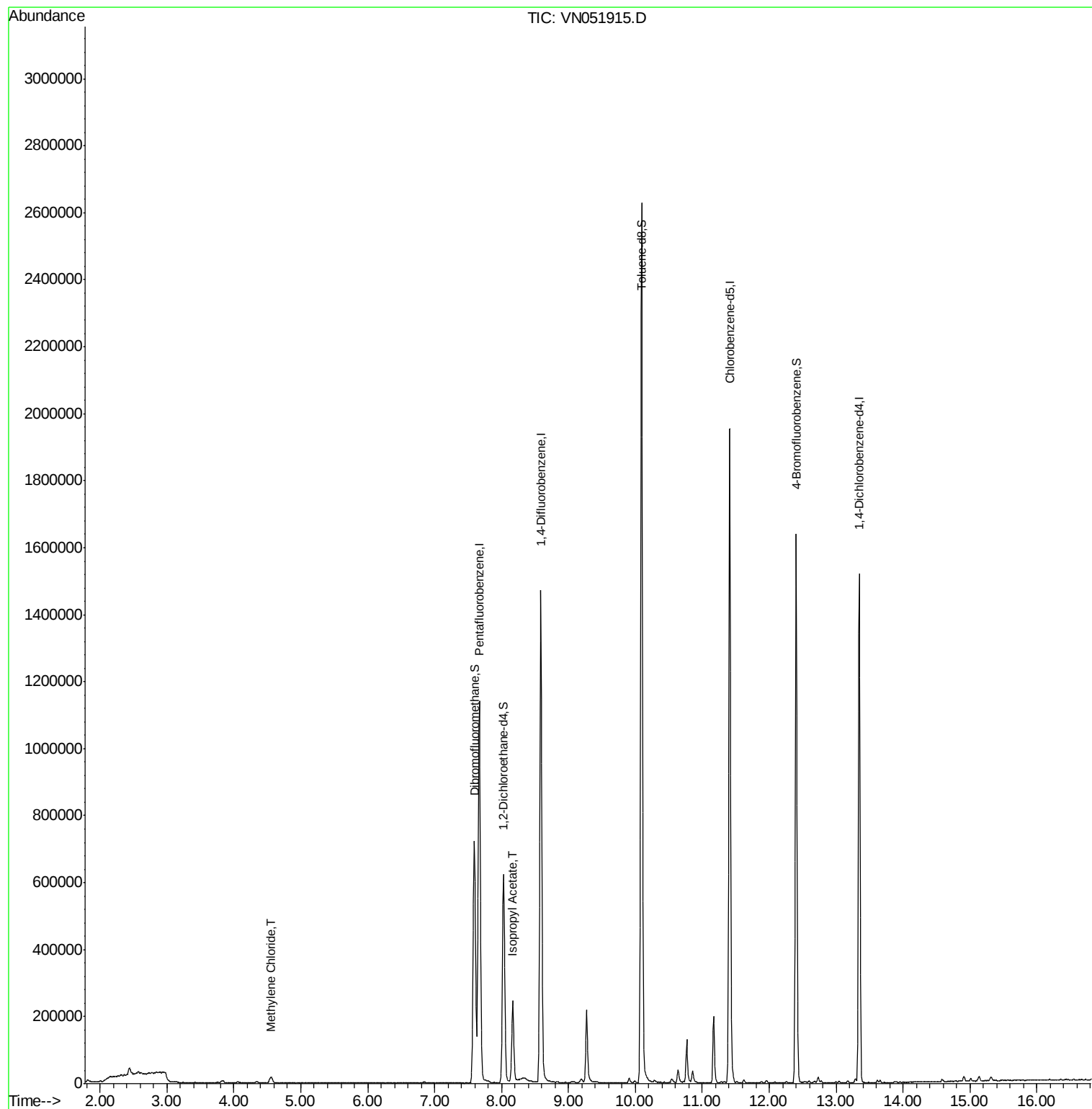
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.56	84	14309	1.68	ug/l	96
43) Isopropyl Acetate	8.17	43	269051	25.42	ug/l	# 89

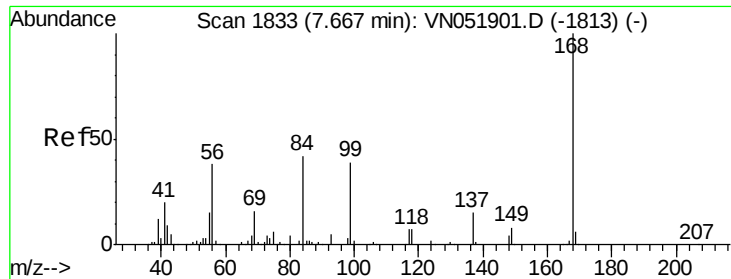
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051915.D

Acq: 18 Oct 2018 14:41

Instrument :

MSVOA_N

ClientSampleId :

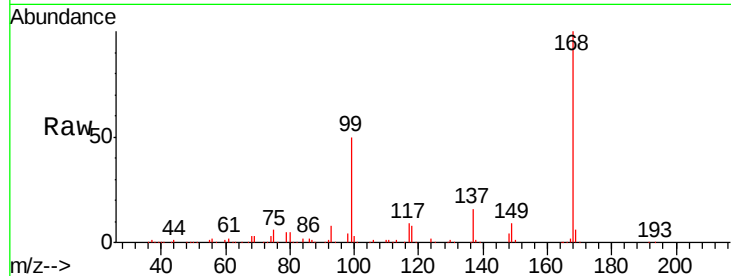
PB113908TB

Tgt Ion:168 Resp: 1020587

Ion Ratio Lower Upper

168 100

99 49.7 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

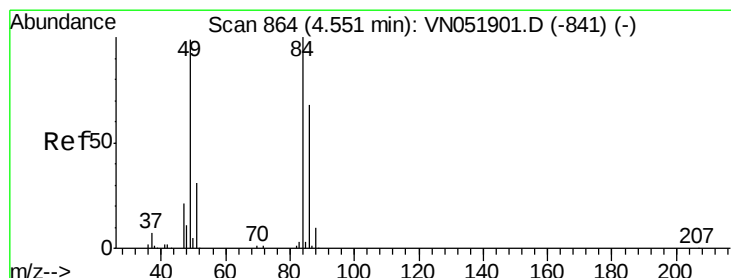
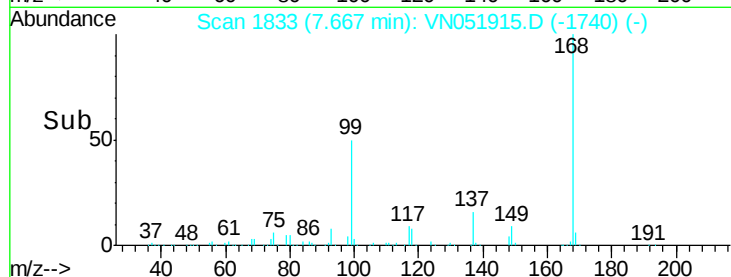
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 1.68 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.01 min

Lab File: VN051915.D

Acq: 18 Oct 2018 14:41

Tgt Ion: 84 Resp: 14309

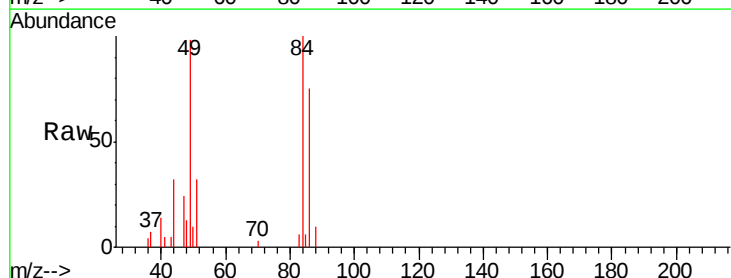
Ion Ratio Lower Upper

84 100

49 97.7 79.0 118.4

51 32.0 24.9 37.3

86 75.2 54.6 82.0



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

4.56

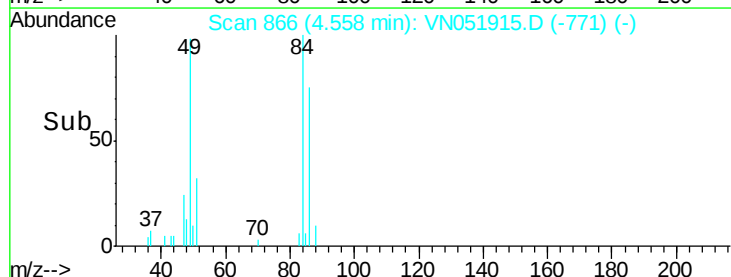
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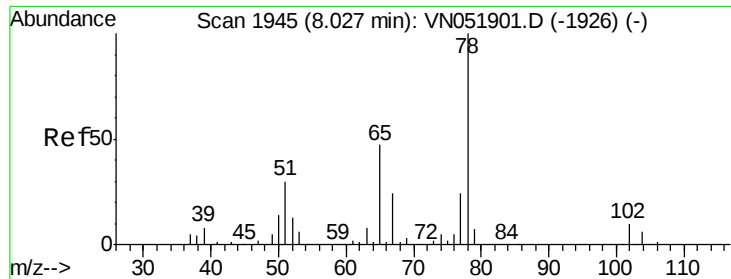
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2000

0

Time-->

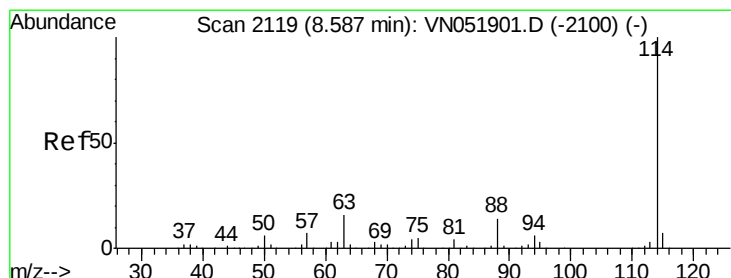
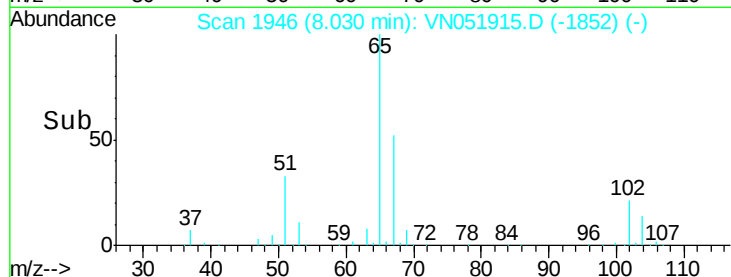
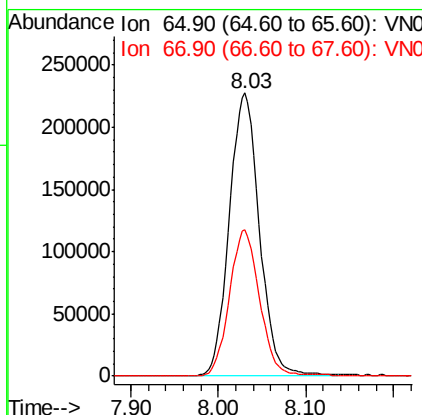
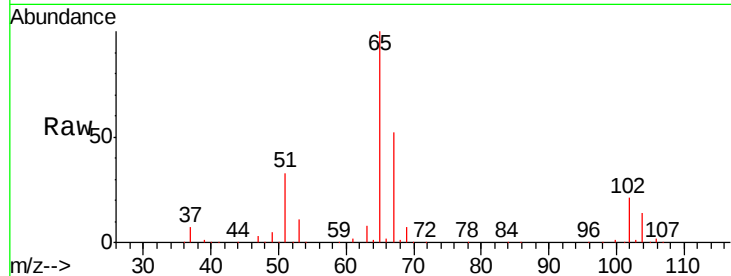




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051915.D
 Acq: 18 Oct 2018 14:41

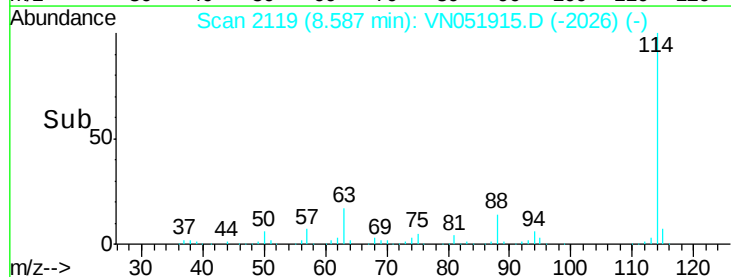
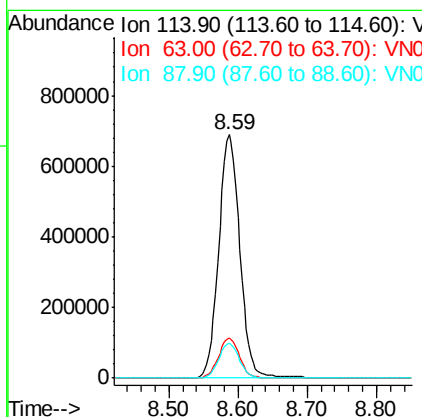
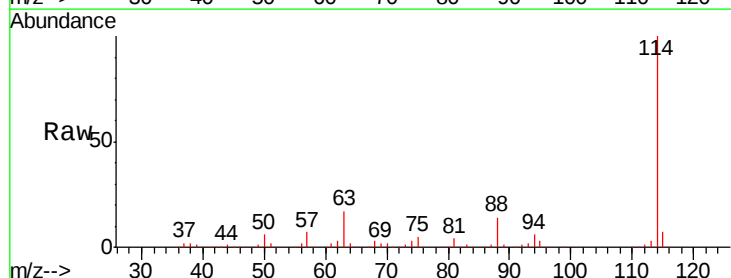
Instrument :
 MSVOA_N
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 PB113908TB

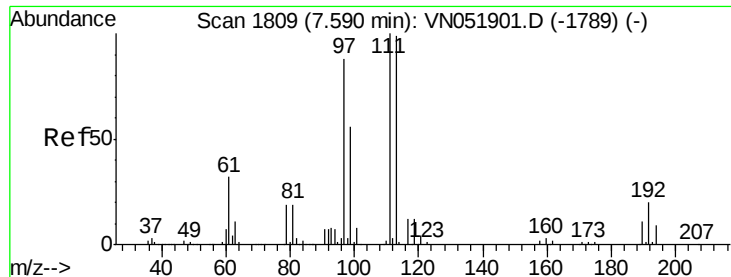
Tgt Ion: 65 Resp: 545748
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051915.D
 Acq: 18 Oct 2018 14:41

Tgt Ion: 114 Resp: 1462974
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 31.8
 88 14.4 0.0 28.0

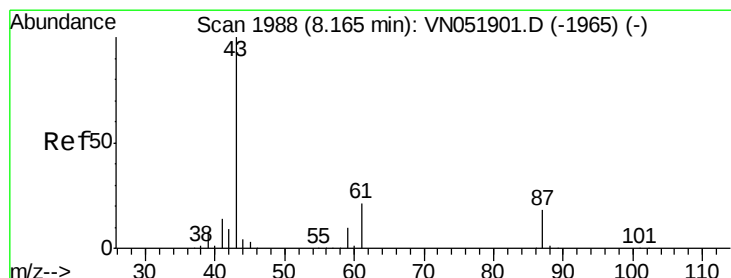
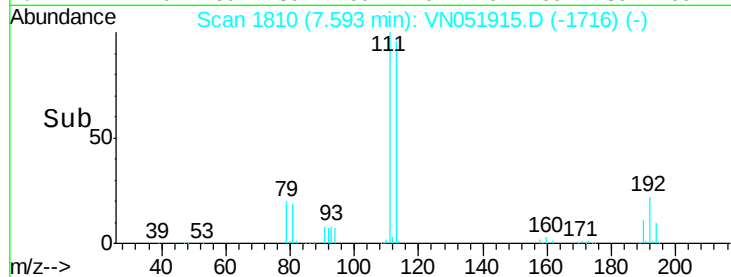
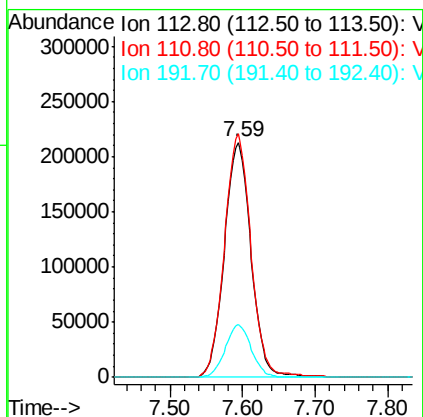
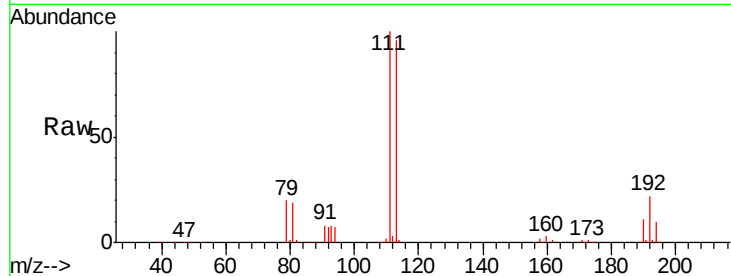




#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051915.D
 Acq: 18 Oct 2018 14:41

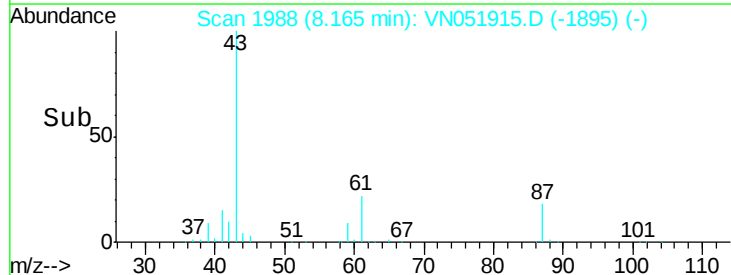
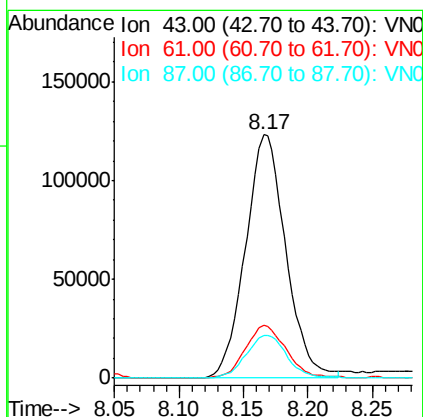
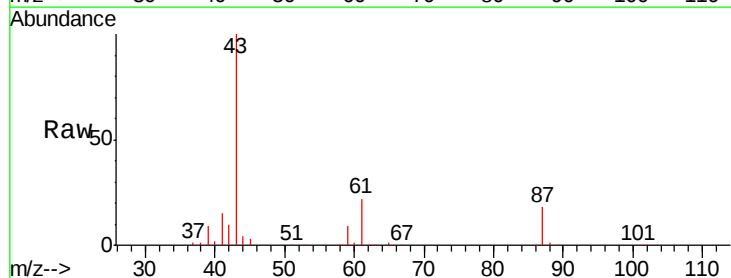
Instrument :
 MSVOA_N
 ClientSampleId :
 PB113908TB

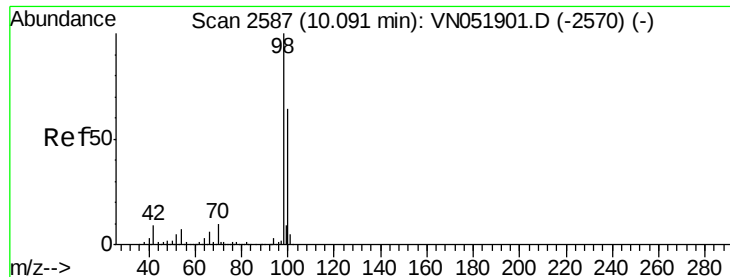
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.6	123.8
192	21.9	17.3	25.9



#43
 Isopropyl Acetate
 Concen: 25.42 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN051915.D
 Acq: 18 Oct 2018 14:41

Tgt Ion	Ratio	Lower	Upper
43	100		
61	22.2	24.9	37.3#
87	17.8	14.6	22.0





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051915.D

Acq: 18 Oct 2018 14:41

Instrument :

MSVOA_N

ClientSampleId :

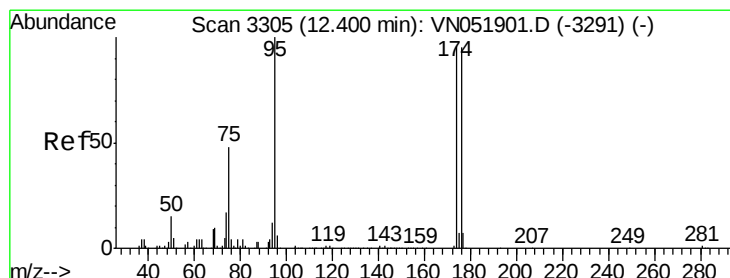
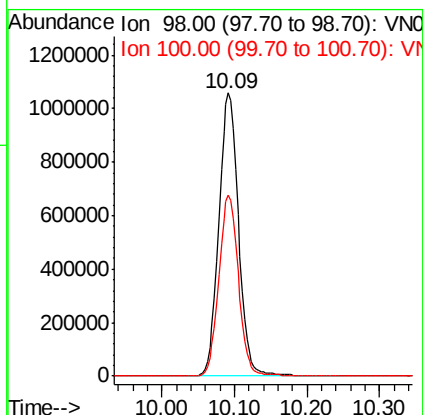
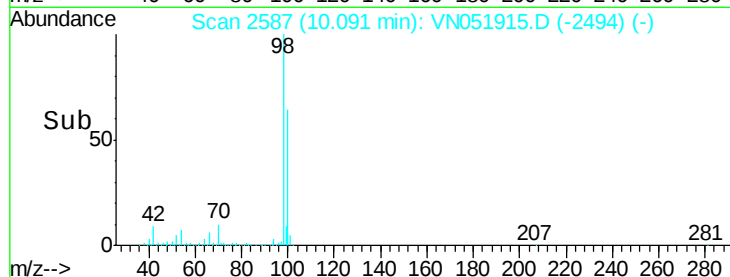
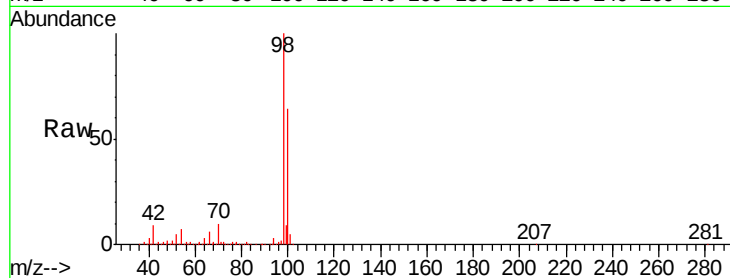
PB113908TB

Tgt Ion: 98 Resp: 1986548

Ion Ratio Lower Upper

98 100

100 63.5 51.0 76.4



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051915.D

Acq: 18 Oct 2018 14:41

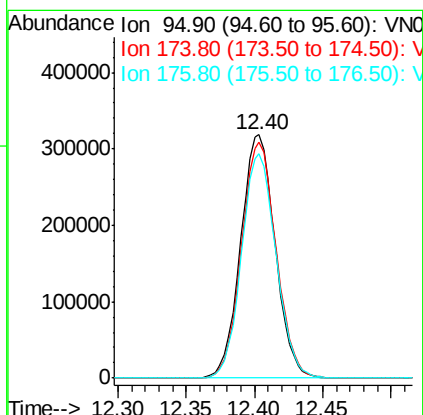
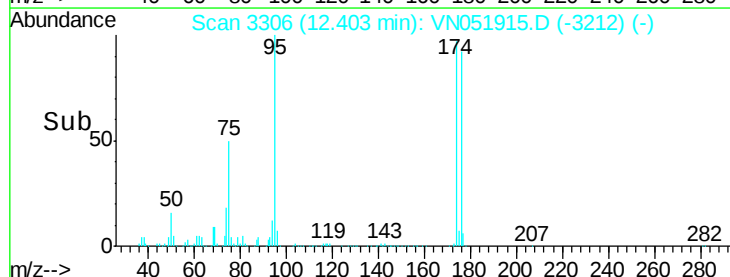
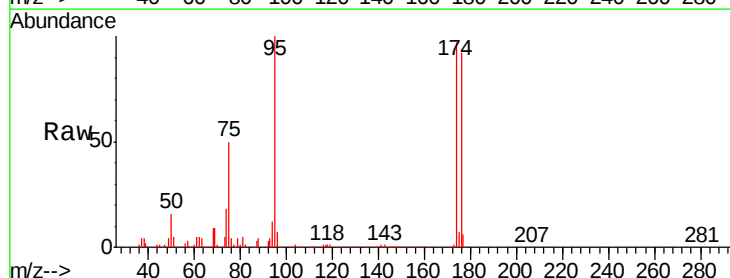
Tgt Ion: 95 Resp: 558743

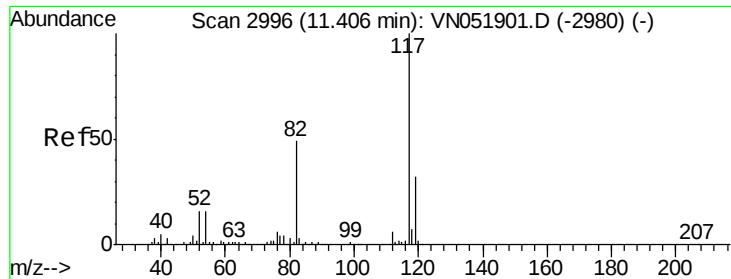
Ion Ratio Lower Upper

95 100

174 97.2 0.0 195.0

176 92.4 0.0 191.4

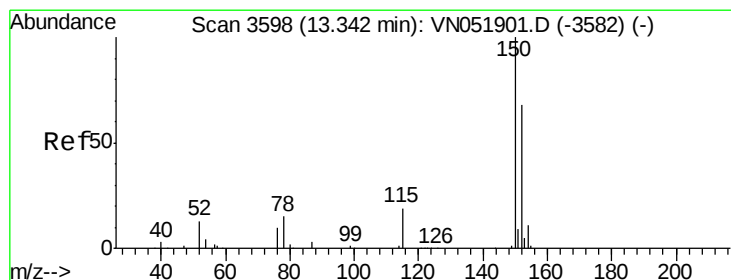
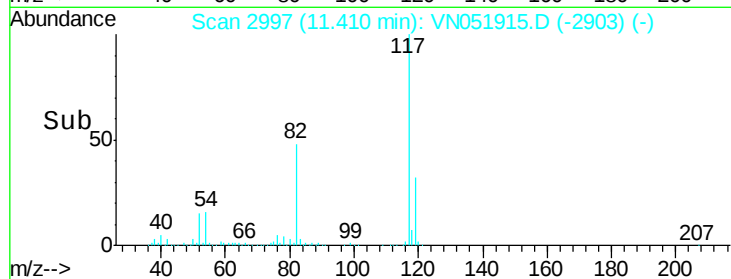
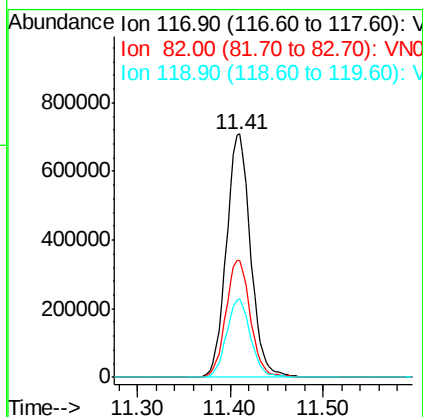
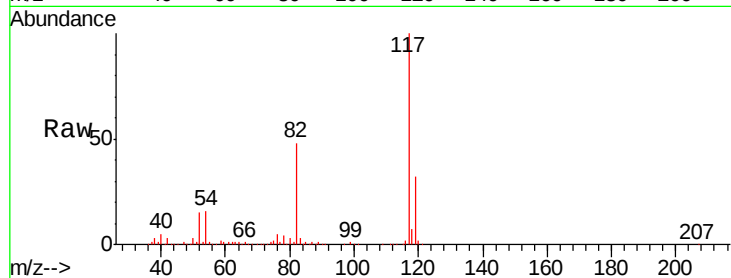




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051915.D
Acq: 18 Oct 2018 14:41

Instrument :
MSVOA_N
ClientSampleId :
PB113908TB

Tgt Ion:117 Resp: 1281348
Ion Ratio Lower Upper
117 100
82 47.9 38.9 58.3
119 32.1 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051915.D
Acq: 18 Oct 2018 14:41

Tgt Ion:152 Resp: 441813
Ion Ratio Lower Upper
152 100
115 55.2 26.7 80.1
150 157.1 0.0 346.4

