

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082118\
 Data File : VN050804.D
 Acq On : 22 Aug 2018 1:04
 Operator : MD\SY
 Sample : PB112227ZHE#10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112227ZHE#10

Quant Time: Aug 22 08:04:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	612409	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1021539	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	854309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	253740	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	408058	55.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.70%	
35) Dibromofluoromethane	7.59	113	387148	47.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.28%	
50) Toluene-d8	10.09	98	1388741	45.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.42%	
62) 4-Bromofluorobenzene	12.40	95	350007	34.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.34%	

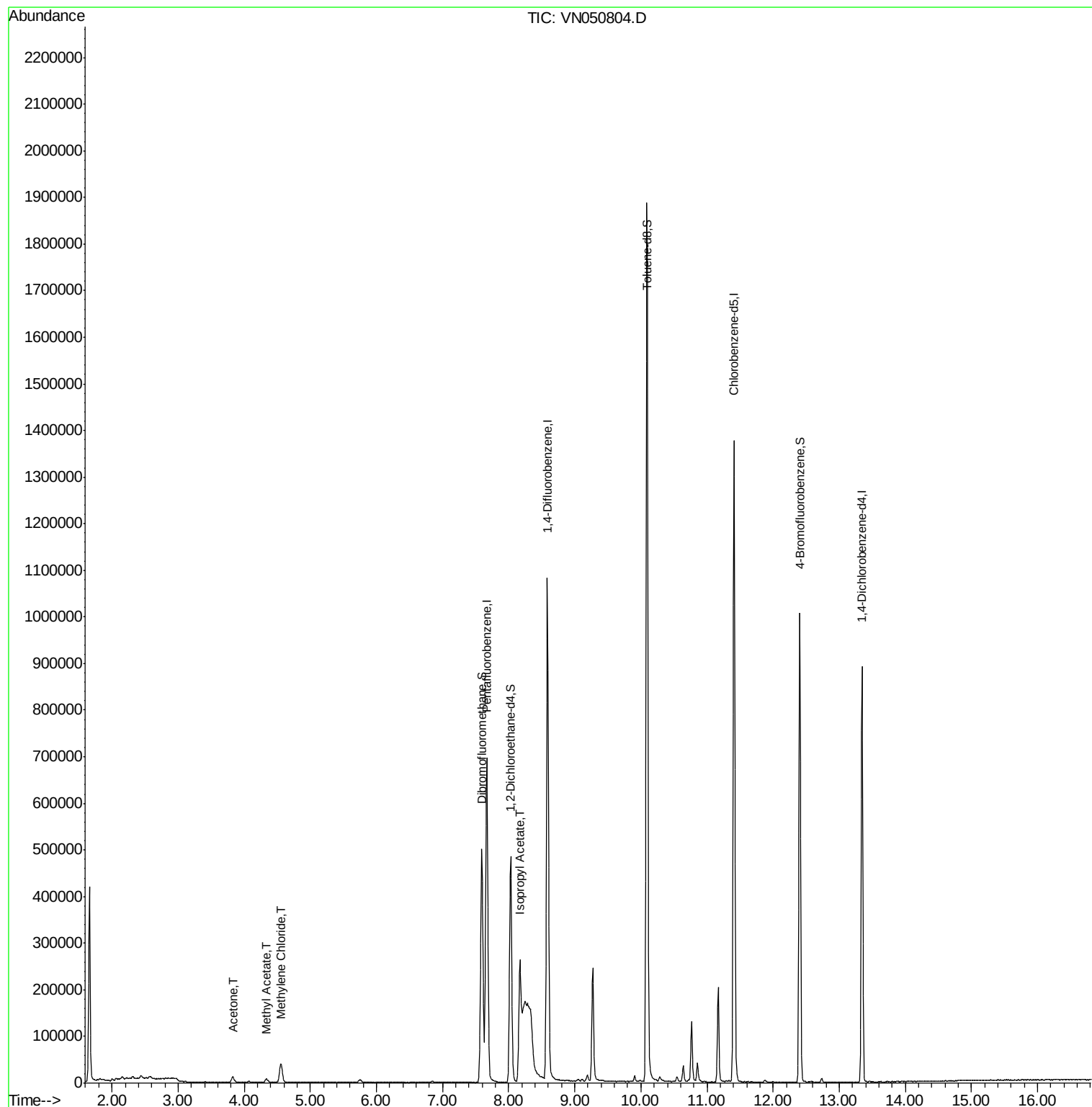
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	20988	5.10	ug/l	96
18) Methyl Acetate	4.34	43	15836	2.27	ug/l #	86
20) Methylene Chloride	4.56	84	32372	3.90	ug/l	97
43) Isopropyl Acetate	8.17	43	326882	27.46	ug/l #	89

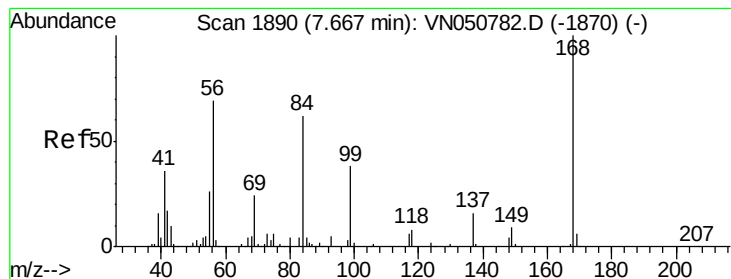
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050804.D

Acq: 22 Aug 2018 1:04

Instrument :

MSVOA_N

ClientSampleId :

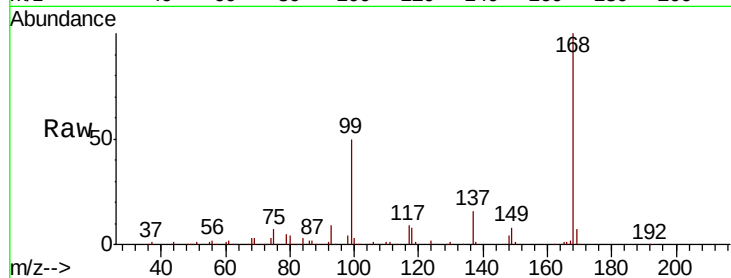
PB112227ZHE#10

Tot Ion:168 Resp: 612409

Ion Ratio Lower Upper

168 100

99 50.1 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

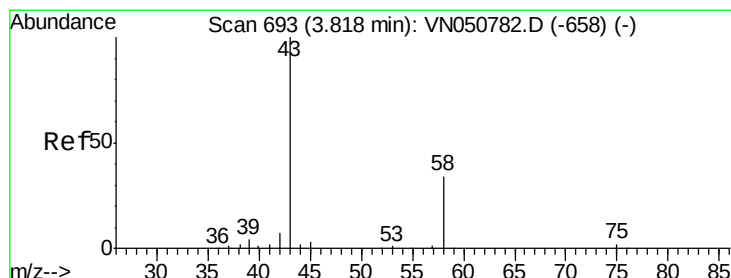
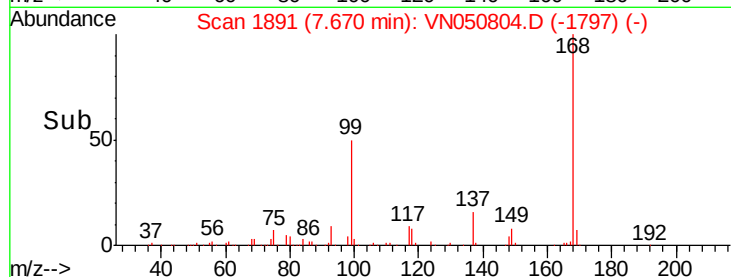
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.10 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN050804.D

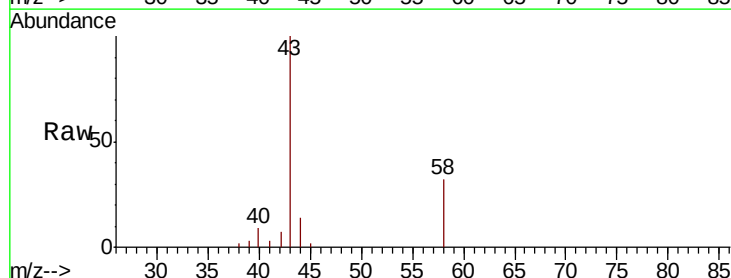
Acq: 22 Aug 2018 1:04

Tgt Ion: 43 Resp: 20988

Ion Ratio Lower Upper

43 100

58 31.6 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

8000

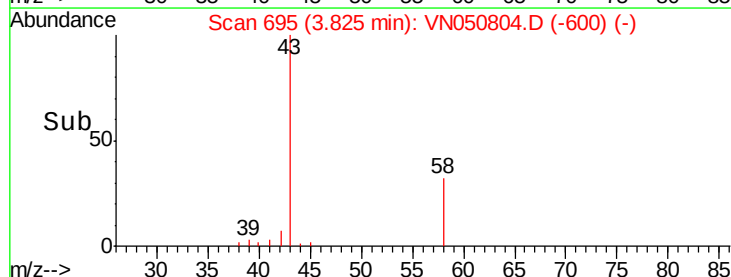
6000

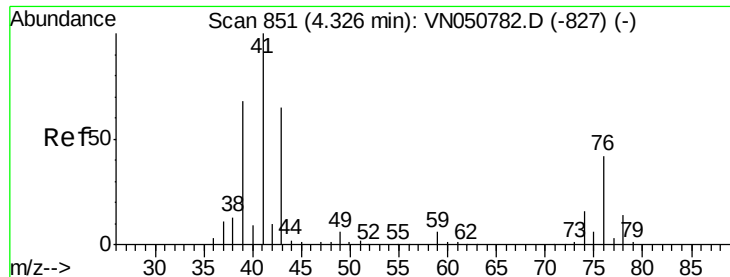
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2000

0

Time-->

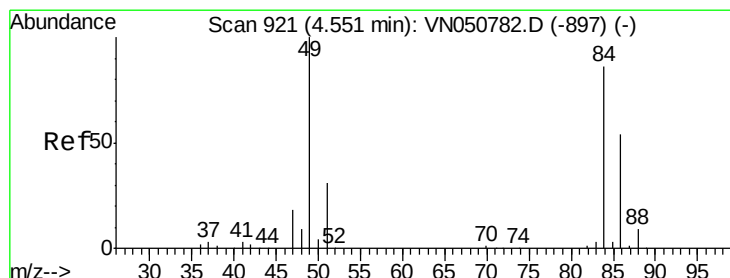
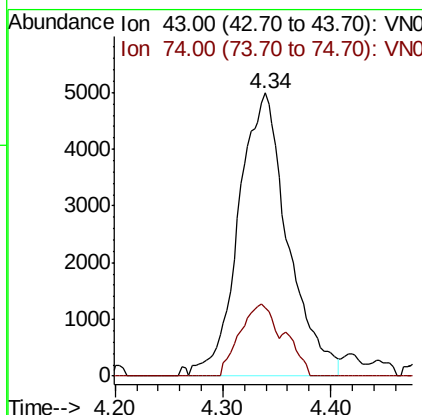
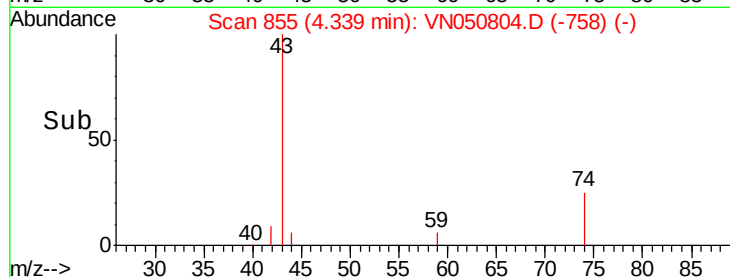
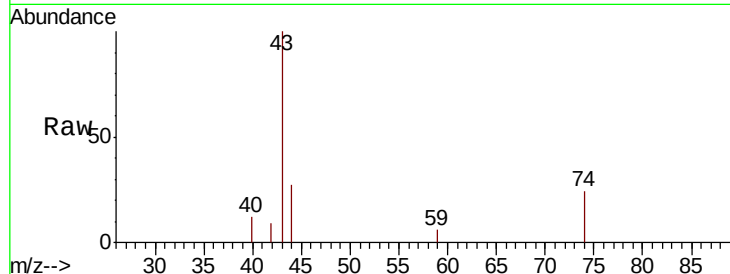




#18
Methyl Acetate
Concen: 2.27 ug/l
RT: 4.34 min Scan# 855
Delta R.T. 0.01 min
Lab File: VN050804.D
Acq: 22 Aug 2018 1:04

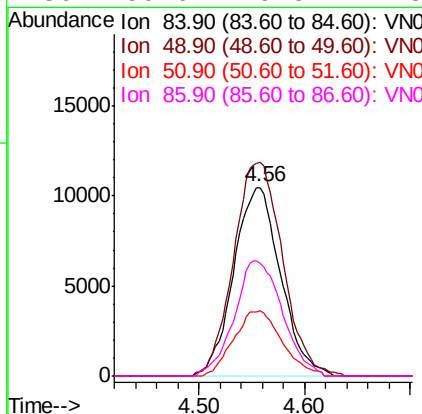
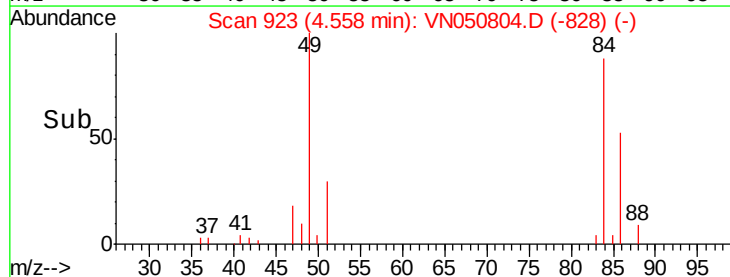
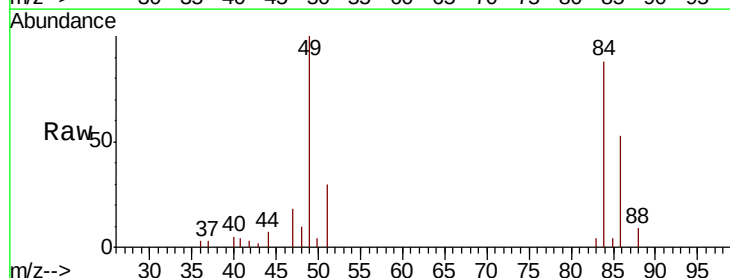
Instrument :
MSVOA_N
ClientSampleId :
PB112227ZHE#10

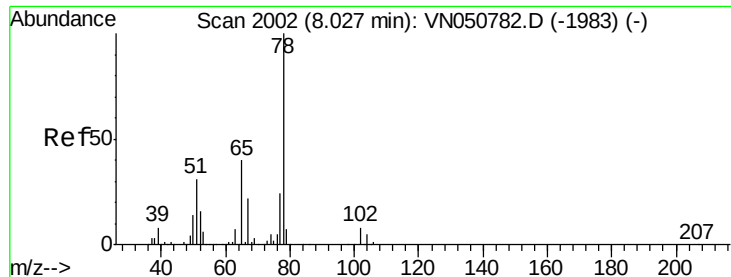
Tot Ion: 43 Resp: 15836
Ion Ratio Lower Upper
43 100
74 17.7 19.8 29.8#



#20
Methylene Chloride
Concen: 3.90 ug/l
RT: 4.56 min Scan# 923
Delta R.T. 0.01 min
Lab File: VN050804.D
Acq: 22 Aug 2018 1:04

Tgt Ion: 84 Resp: 32372
Ion Ratio Lower Upper
84 100
49 113.1 93.2 139.8
51 34.4 29.0 43.6
86 59.6 49.8 74.8

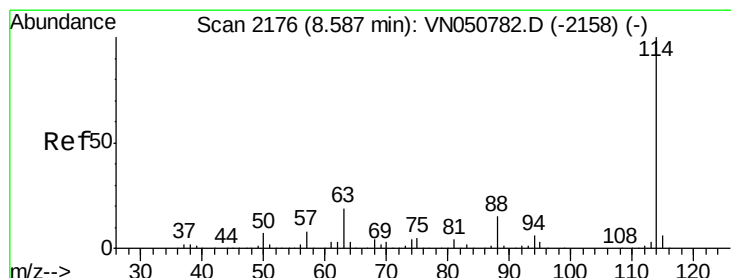
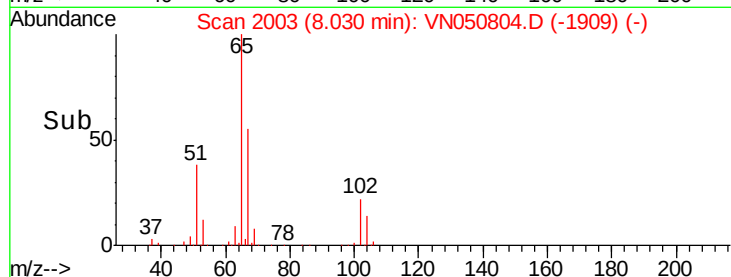
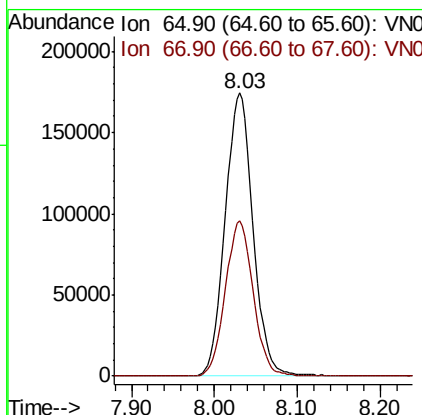
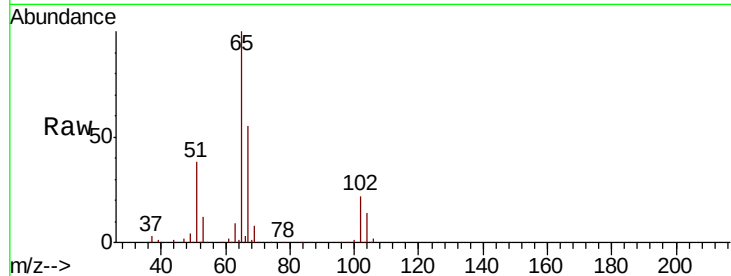




#33
 1,2-Dichloroethane-d4
 Concen: 55.35 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050804.D
 Acq: 22 Aug 2018 1:04

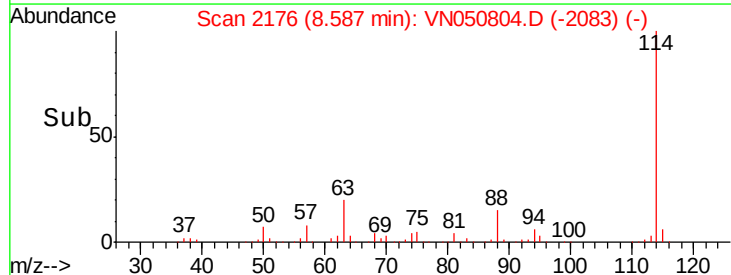
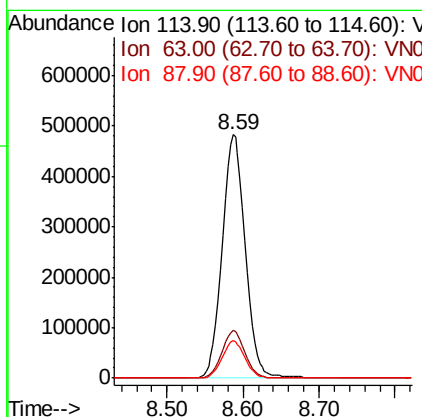
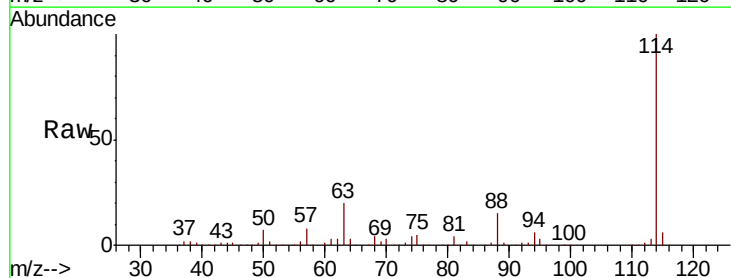
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112227ZHE#10

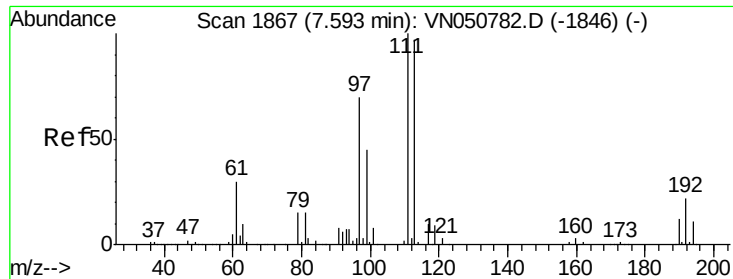
Tot Ion: 65 Resp: 408058
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 110.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050804.D
 Acq: 22 Aug 2018 1:04

Tgt Ion: 114 Resp: 1021539
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.6
 88 15.3 0.0 30.6

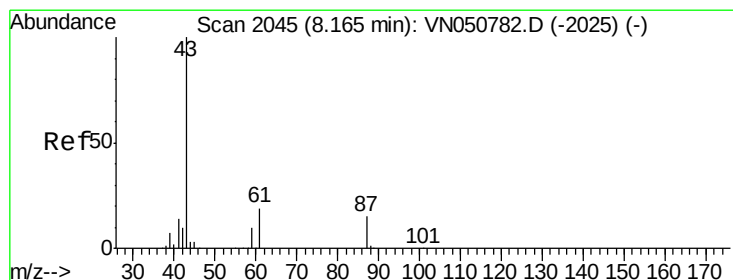
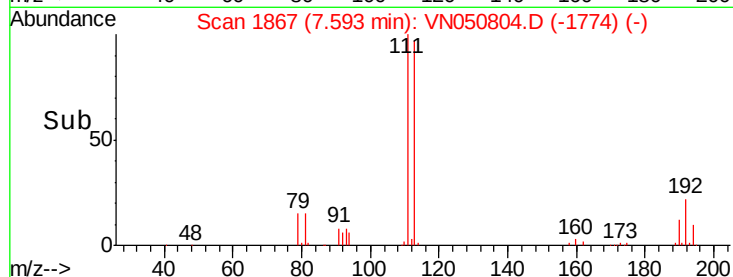
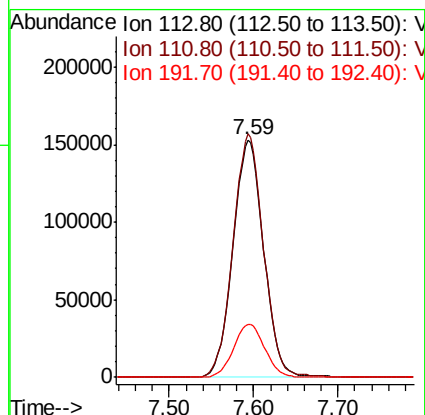
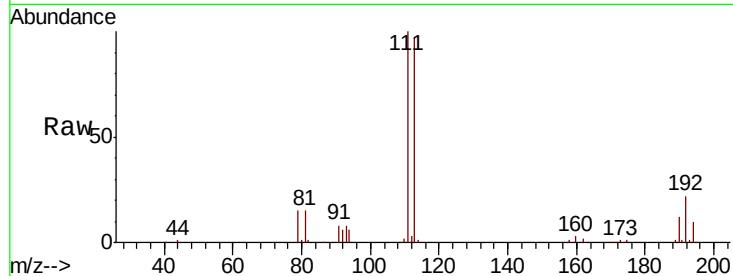




#35
 Dibromofluoromethane
 Concen: 47.64 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050804.D
 Acq: 22 Aug 2018 1:04

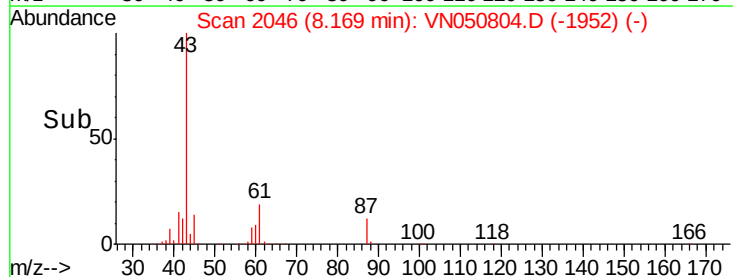
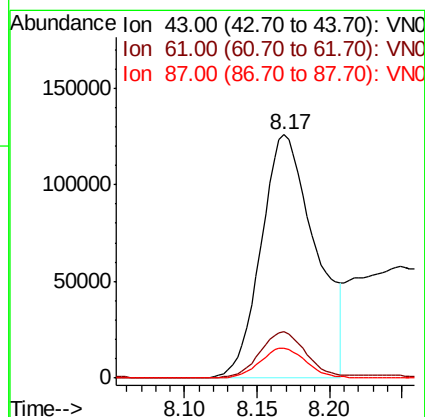
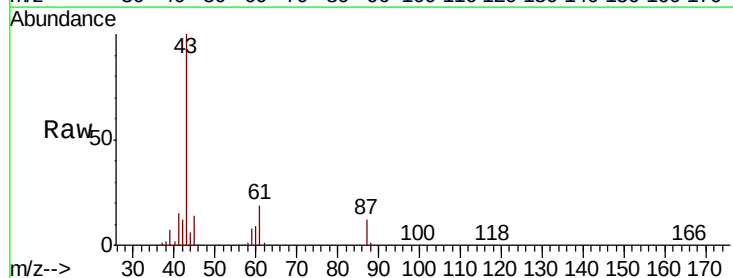
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112227ZHE#10

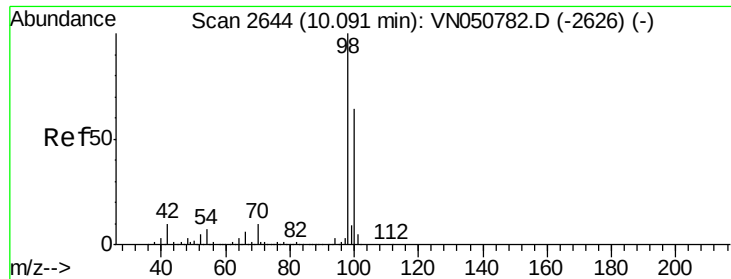
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.6	123.8
192	22.6	18.0	27.0



#43
 Isopropyl Acetate
 Concen: 27.46 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050804.D
 Acq: 22 Aug 2018 1:04

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.4	17.5	26.3#
87	10.4	11.3	16.9#

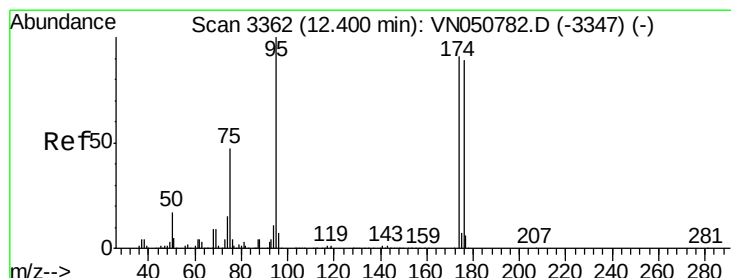
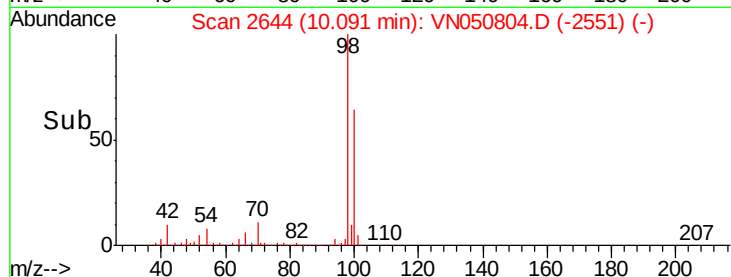
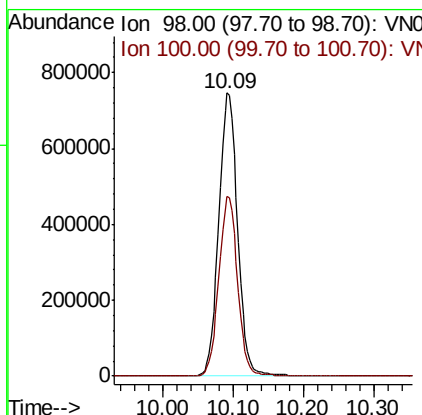
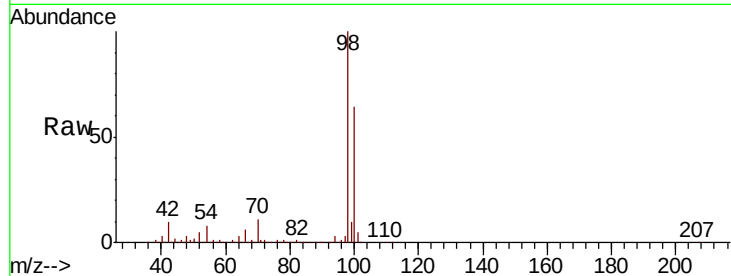




#50
Toluene-d8
Concen: 45.71 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. -0.00 min
Lab File: VN050804.D
Acq: 22 Aug 2018 1:04

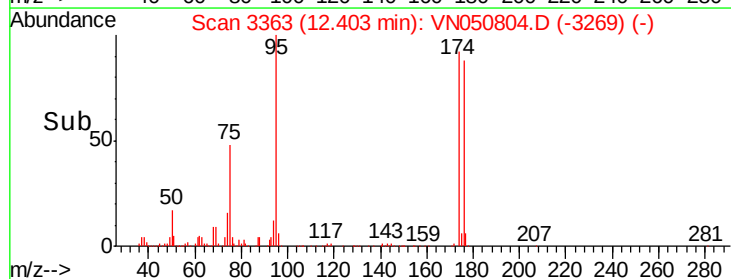
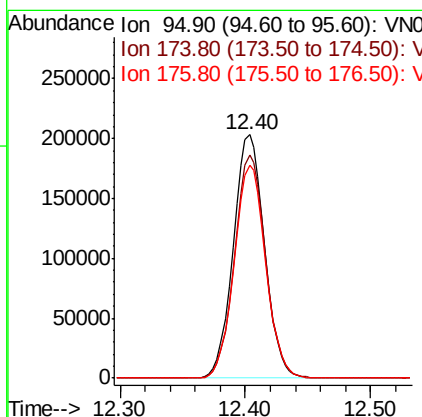
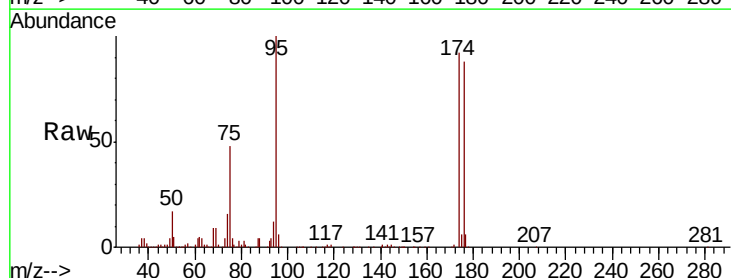
Instrument :
MSVOA_N
ClientSampleId :
PB112227ZHE#10

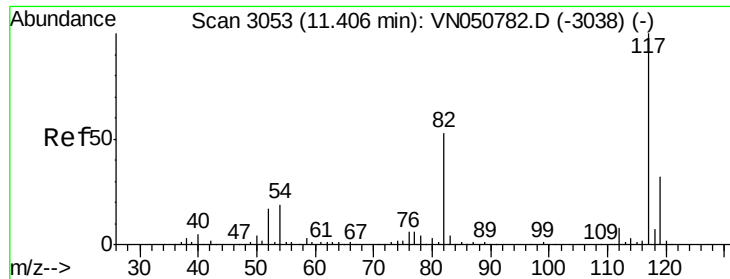
Tot Ion: 98 Resp: 1388741
Ion Ratio Lower Upper
98 100
100 63.3 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 34.67 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050804.D
Acq: 22 Aug 2018 1:04

Tgt Ion: 95 Resp: 350007
Ion Ratio Lower Upper
95 100
174 91.7 0.0 183.0
176 88.2 0.0 178.8





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050804.D

Acq: 22 Aug 2018 1:04

Instrument :

MSVOA_N

ClientSampleId :

PB112227ZHE#10

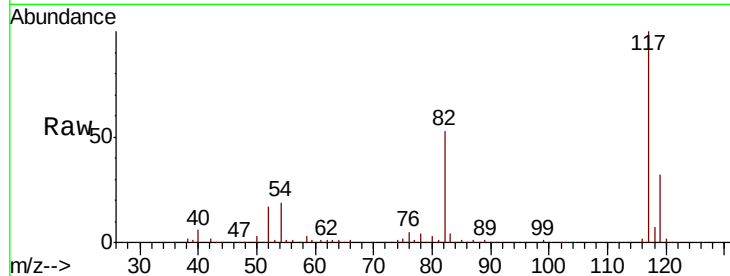
Tot Ion:117 Resp: 854309

Ion Ratio Lower Upper

117 100

82 53.0 42.6 64.0

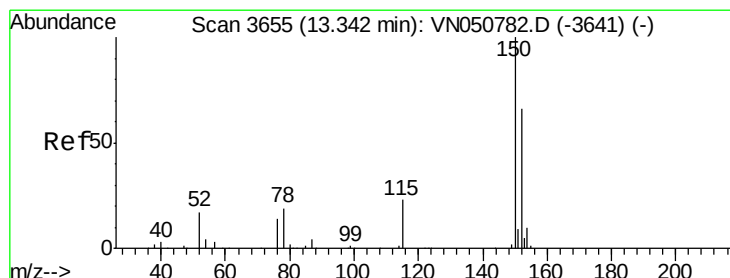
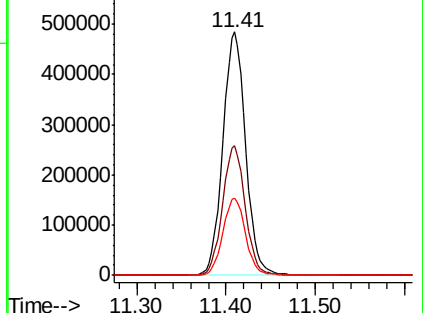
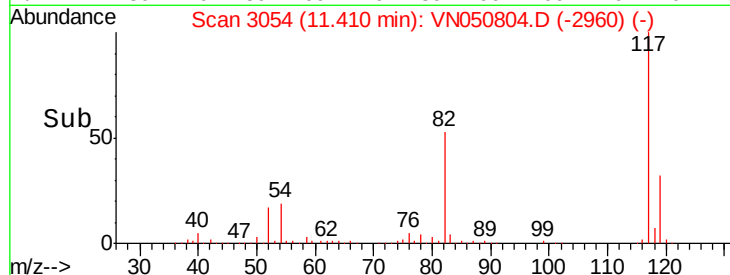
119 31.9 25.8 38.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050804.D

Acq: 22 Aug 2018 1:04

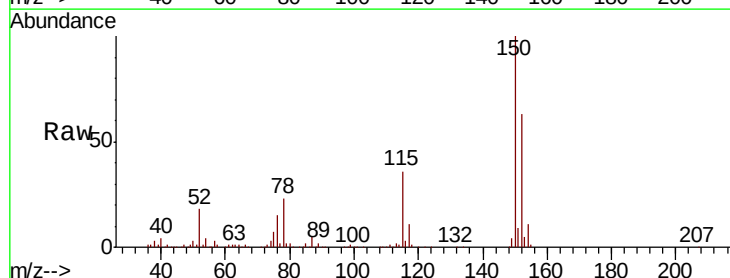
Tgt Ion:152 Resp: 253740

Ion Ratio Lower Upper

152 100

115 56.3 27.8 83.4

150 157.3 0.0 351.4



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

