

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
 Data File : VN050736.D
 Acq On : 17 Aug 2018 17:41
 Operator : MD\SY
 Sample : PB112140ZHE#10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112140ZHE#10

Quant Time: Aug 18 01:13:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 14 08:07:08 2018
 Response via : Initial Calibration

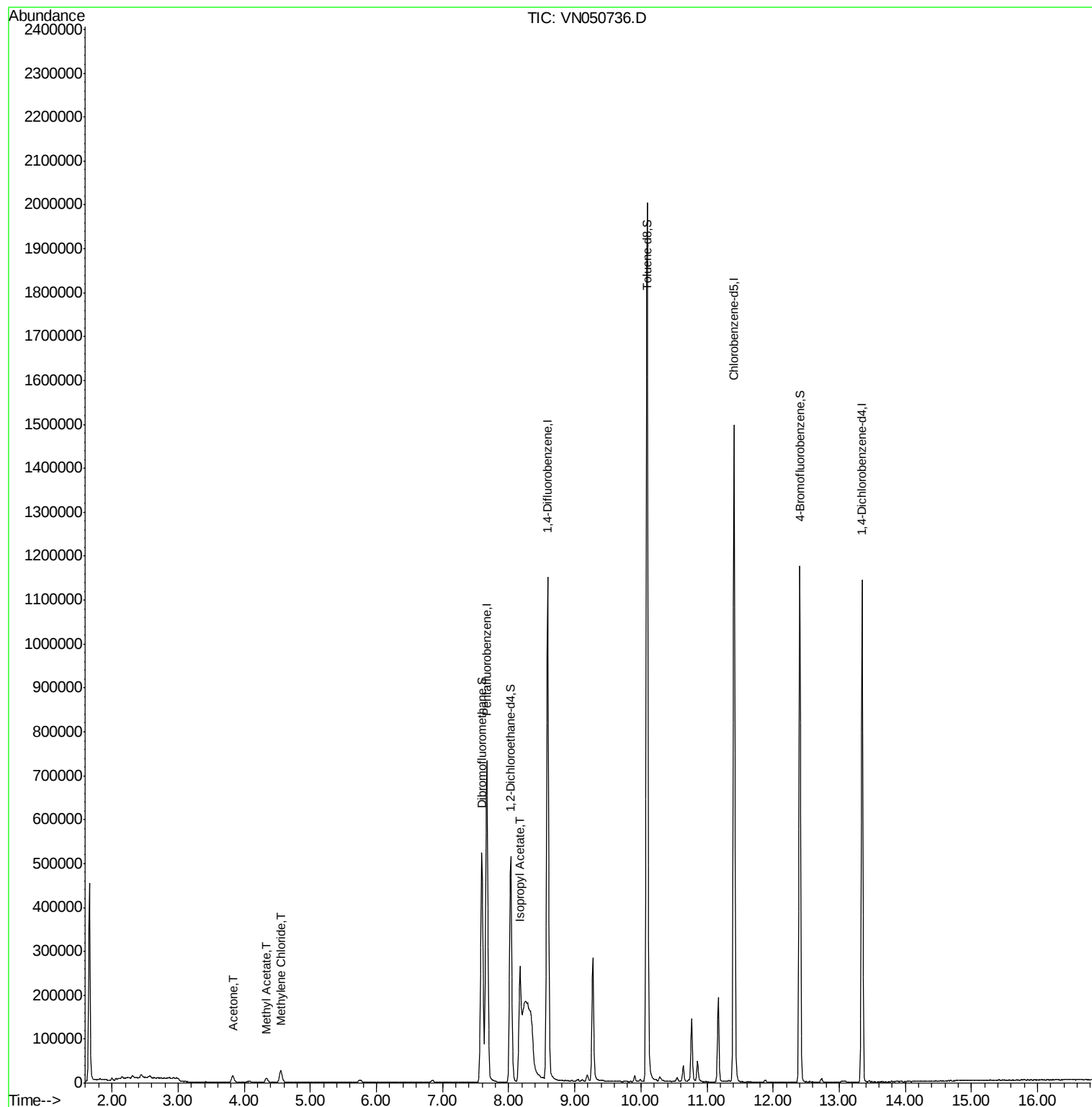
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	639866	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1068711	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	911842	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	328088	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	438626	54.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.76%	
35) Dibromofluoromethane	7.59	113	404318	47.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.78%	
50) Toluene-d8	10.09	98	1451925	45.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.44%	
62) 4-Bromofluorobenzene	12.40	95	398154	37.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.06%	
Target Compounds						
16) Acetone	3.83	43	27062	12.06	ug/l	96
18) Methyl Acetate	4.33	43	17621	2.16	ug/l #	71
20) Methylene Chloride	4.55	84	20910	1.49	ug/l	93
43) Isopropyl Acetate	8.17	43	332313	27.12	ug/l #	94

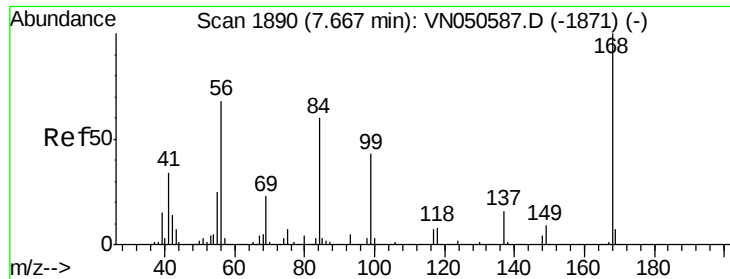
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN050736.D

Acq: 17 Aug 2018 17:41

Instrument :

MSVOA_N

ClientSampleId :

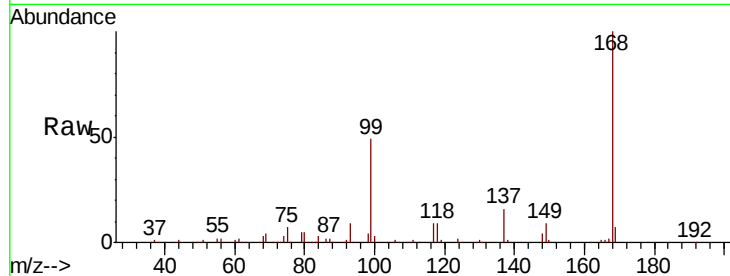
PB112140ZHE#10

Tot Ion:168 Resp: 639866

Ion Ratio Lower Upper

168 100

99 49.5 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

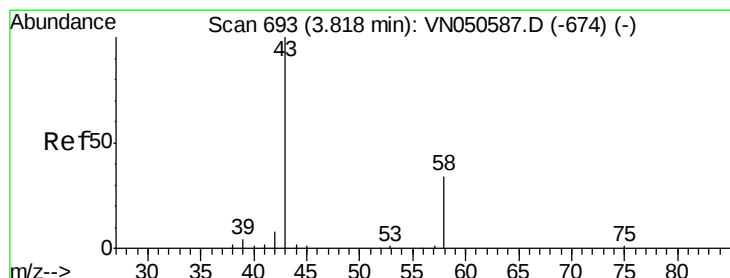
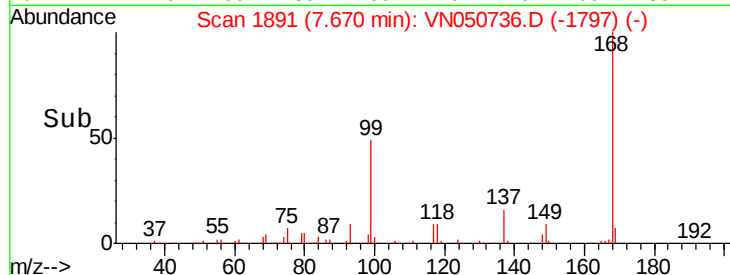
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 12.06 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050736.D

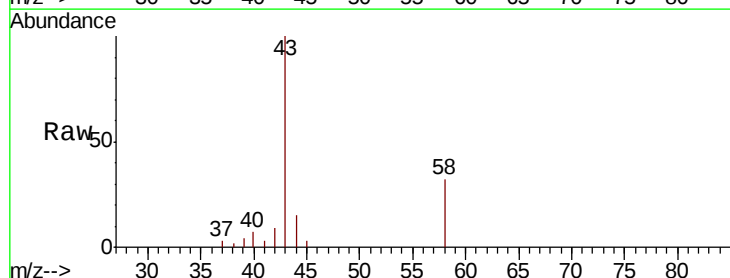
Acq: 17 Aug 2018 17:41

Tgt Ion: 43 Resp: 27062

Ion Ratio Lower Upper

43 100

58 31.6 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.83

12000

10000

8000

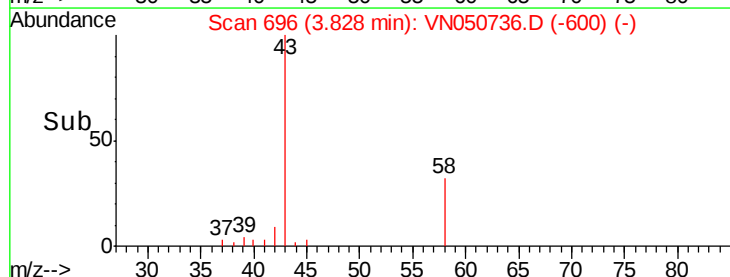
6000

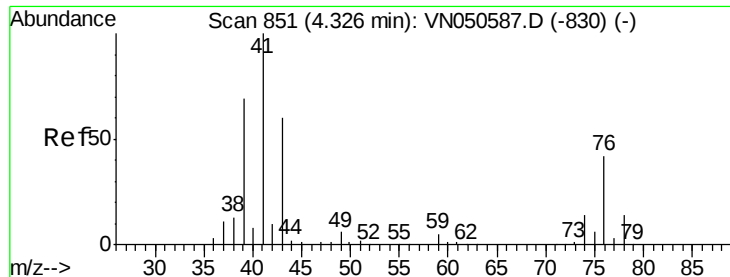
4000

2000

0

Time--> 3.80 3.90





#18

Methyl Acetate

Concen: 2.16 ug/l

RT: 4.33 min Scan# 851

Delta R.T. 0.00 min

Lab File: VN050736.D

Acq: 17 Aug 2018 17:41

Instrument :

MSVOA_N

ClientSampleId :

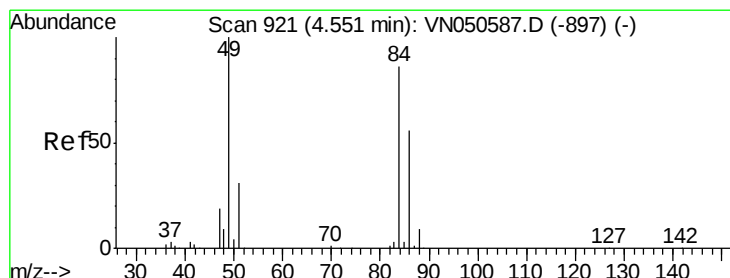
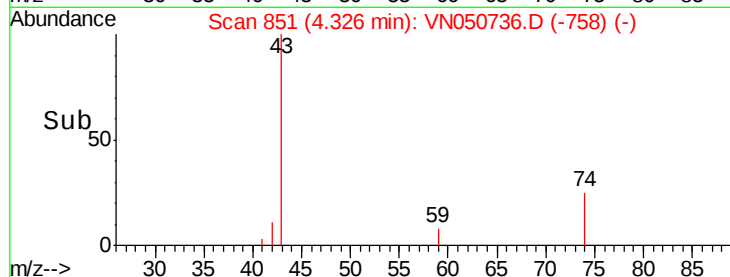
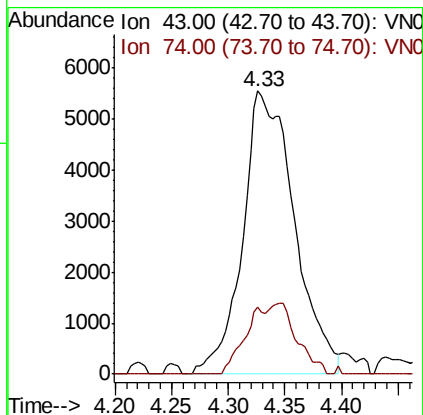
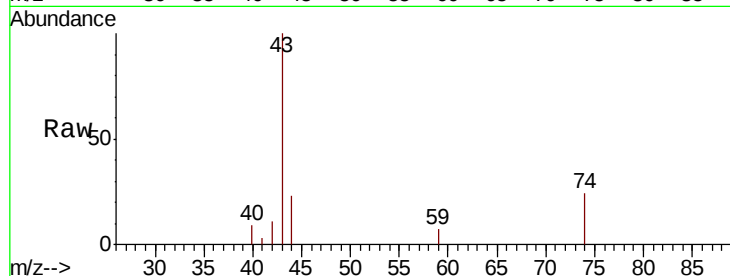
PB112140ZHE#10

Tot Ion: 43 Resp: 17621

Ion Ratio Lower Upper

43 100

74 10.0 19.7 29.5#



#20

Methylene Chloride

Concen: 1.49 ug/l

RT: 4.55 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN050736.D

Acq: 17 Aug 2018 17:41

Tgt Ion: 84 Resp: 20910

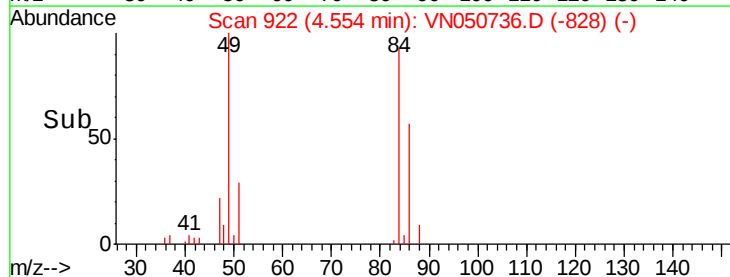
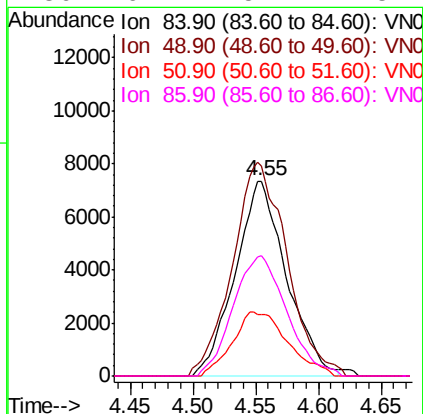
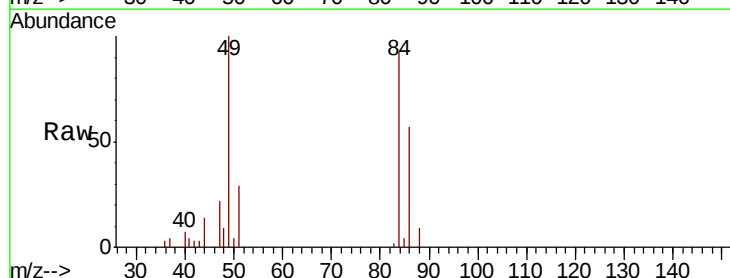
Ion Ratio Lower Upper

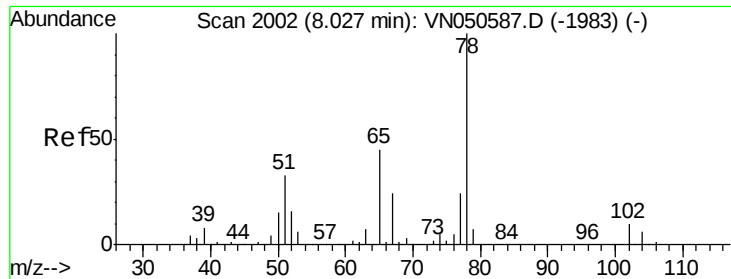
84 100

49 107.6 92.6 138.8

51 31.2 28.6 43.0

86 61.7 52.2 78.2





#33

1,2-Dichloroethane-d4

Concen: 54.38 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050736.D

Acq: 17 Aug 2018 17:41

Instrument :

MSVOA_N

ClientSampleId :

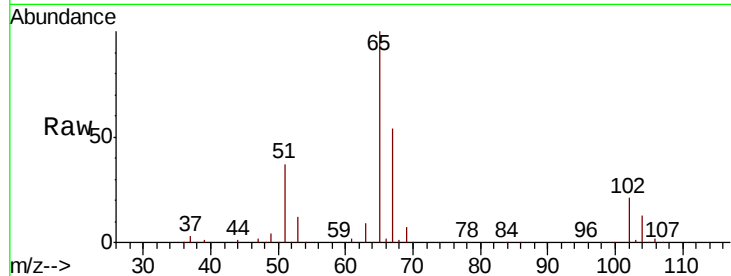
PB112140ZHE#10

Tot Ion: 65 Resp: 438626

Ion Ratio Lower Upper

65 100

67 54.2 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN050736.D (-1909) (-)

Ion 66.90 (66.60 to 67.60): VN050736.D (-1909) (-)

8.03

200000

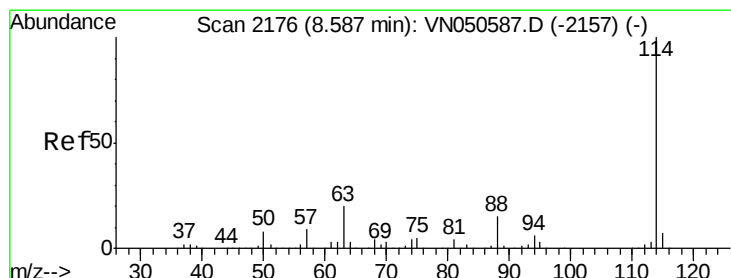
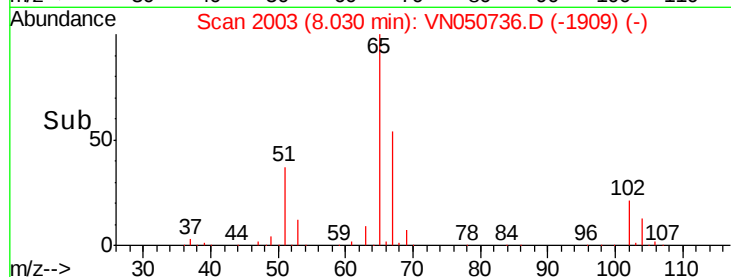
150000

100000

50000

0

Time--> 7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050736.D

Acq: 17 Aug 2018 17:41

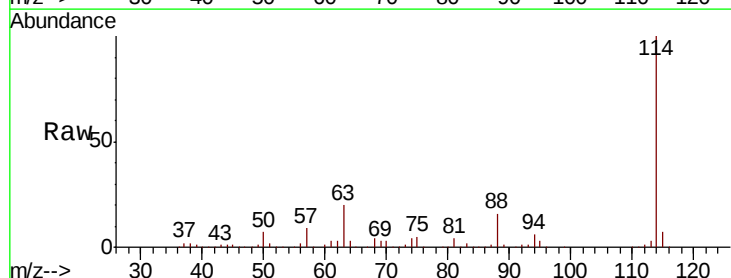
Tgt Ion: 114 Resp: 1068711

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

88 15.6 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): VN050736.D (-2083) (-)

Ion 63.00 (62.70 to 63.70): VN050736.D (-2083) (-)

Ion 87.90 (87.60 to 88.60): VN050736.D (-2083) (-)

8.59

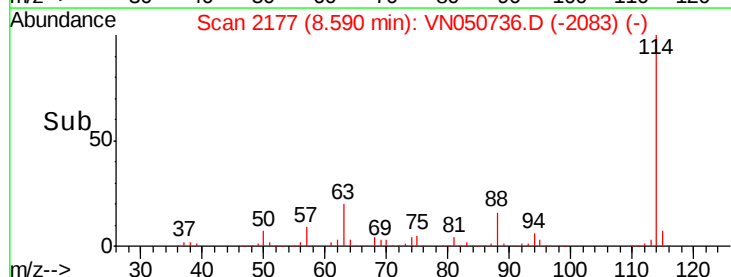
600000

400000

200000

0

Time--> 8.50 8.60 8.70 8.80

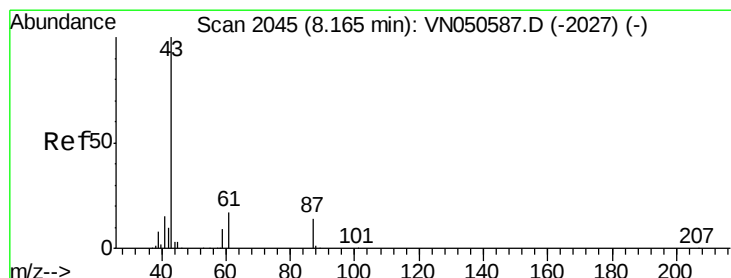
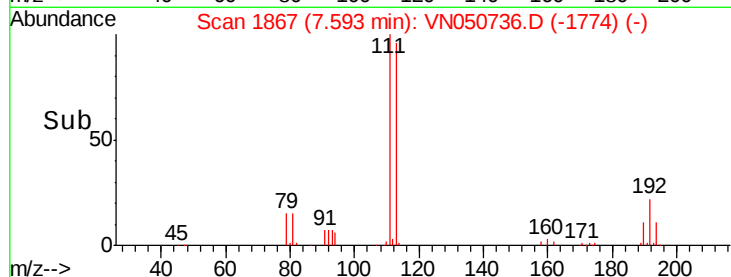
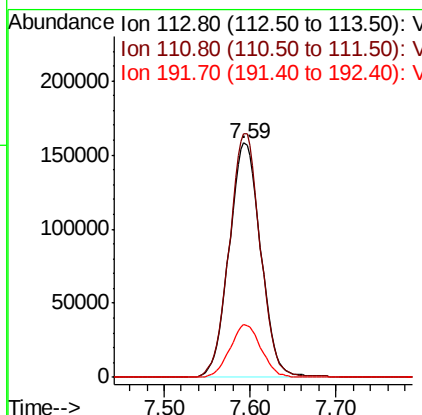
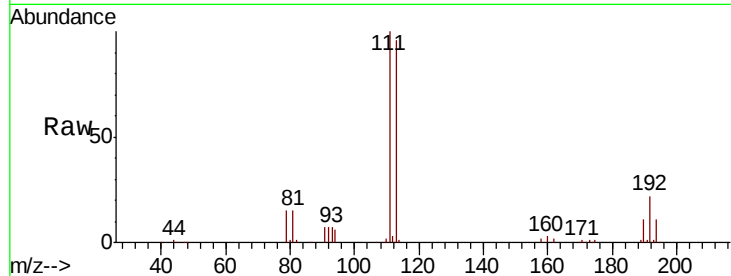




#35
 Dibromofluoromethane
 Concen: 47.39 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050736.D
 Acq: 17 Aug 2018 17:41

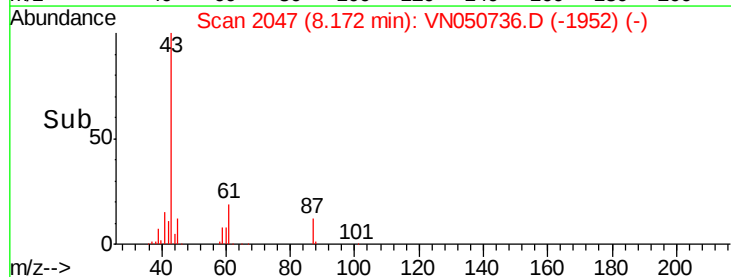
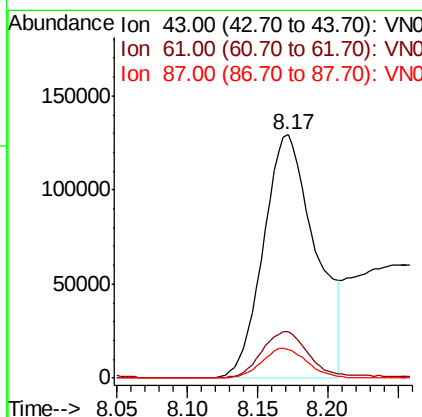
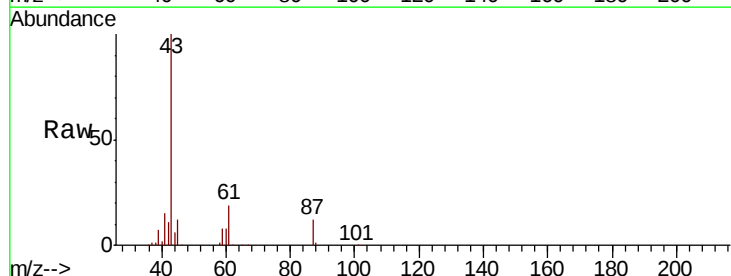
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112140ZHE#10

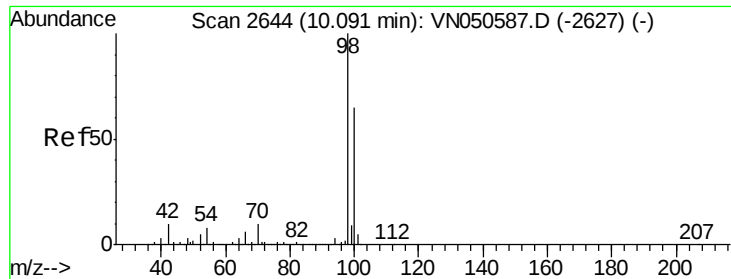
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.0	121.6
192	22.1	17.6	26.4



#43
 Isopropyl Acetate
 Concen: 27.12 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.01 min
 Lab File: VN050736.D
 Acq: 17 Aug 2018 17:41

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.7	16.2	24.2
87	10.6	10.9	16.3#





#50

Toluene-d8

Concen: 45.22 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050736.D

Acq: 17 Aug 2018 17:41

Instrument :

MSVOA_N

ClientSampleId :

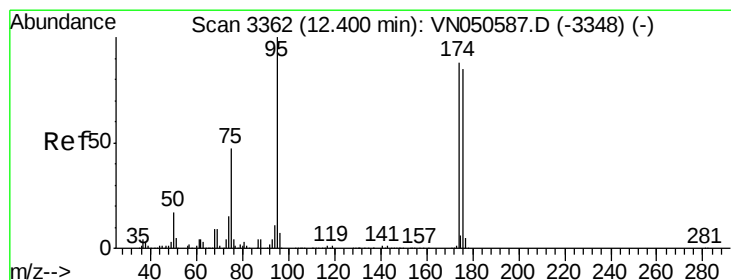
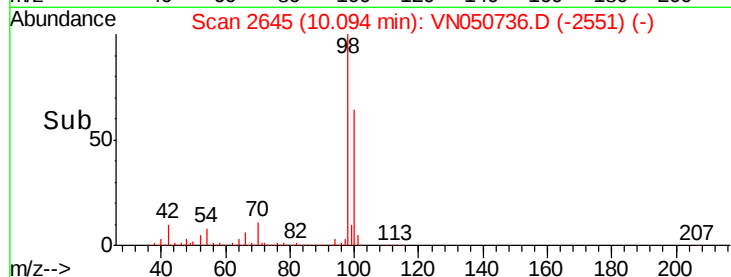
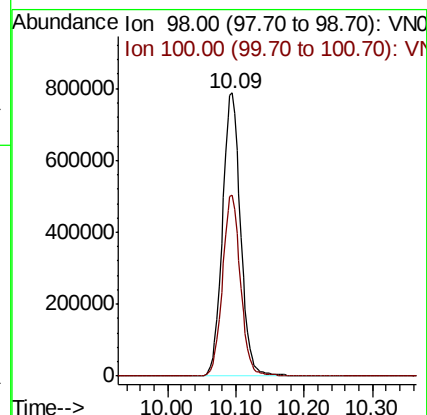
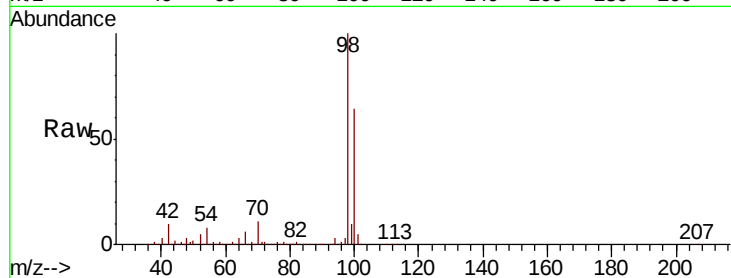
PB112140ZHE#10

Tot Ion: 98 Resp: 1451925

Ion Ratio Lower Upper

98 100

100 63.5 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 37.53 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050736.D

Acq: 17 Aug 2018 17:41

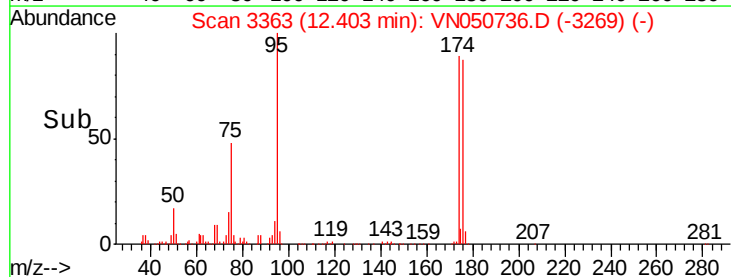
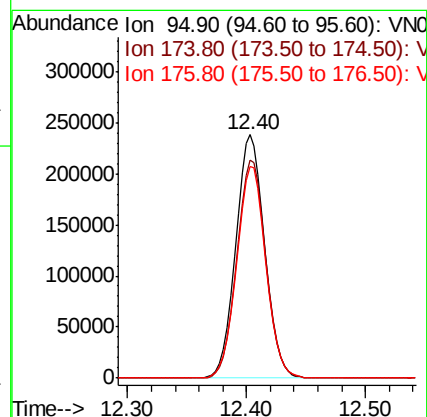
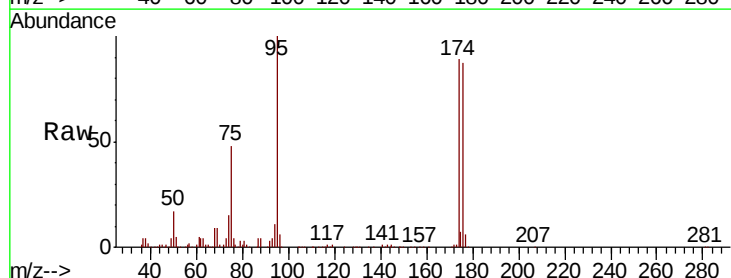
Tgt Ion: 95 Resp: 398154

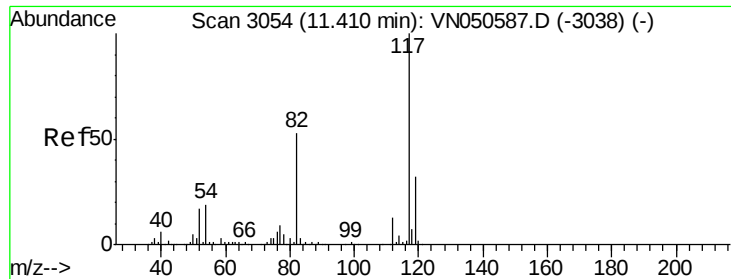
Ion Ratio Lower Upper

95 100

174 90.8 0.0 177.8

176 87.9 0.0 175.0

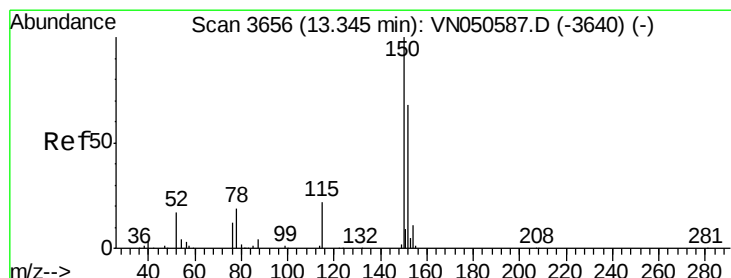
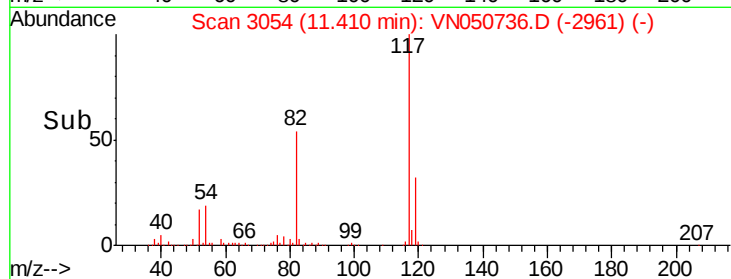
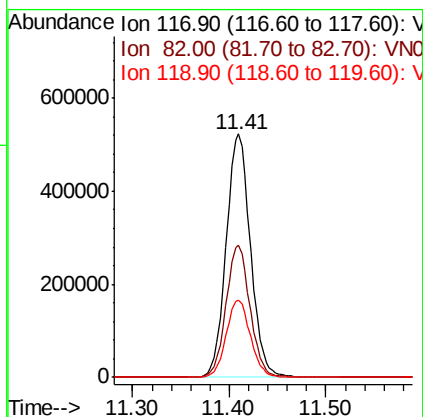
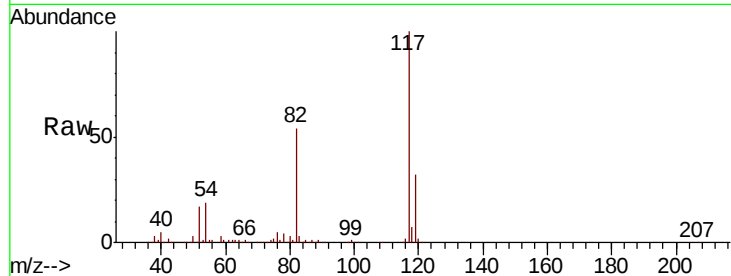




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050736.D
Acq: 17 Aug 2018 17:41

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PB112140ZHE#10

Tot Ion:117 Resp: 911842
Ion Ratio Lower Upper
117 100
82 54.3 42.4 63.6
119 31.7 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN050736.D
Acq: 17 Aug 2018 17:41

Tgt Ion:152 Resp: 328088
Ion Ratio Lower Upper
152 100
115 56.9 28.1 84.2
150 156.4 0.0 347.8

