

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081018\
 Data File : VN050538.D
 Acq On : 11 Aug 2018 00:27
 Operator : MD\SY
 Sample : PB111921ZHE#12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111921ZHE#12

Quant Time: Aug 11 05:51:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

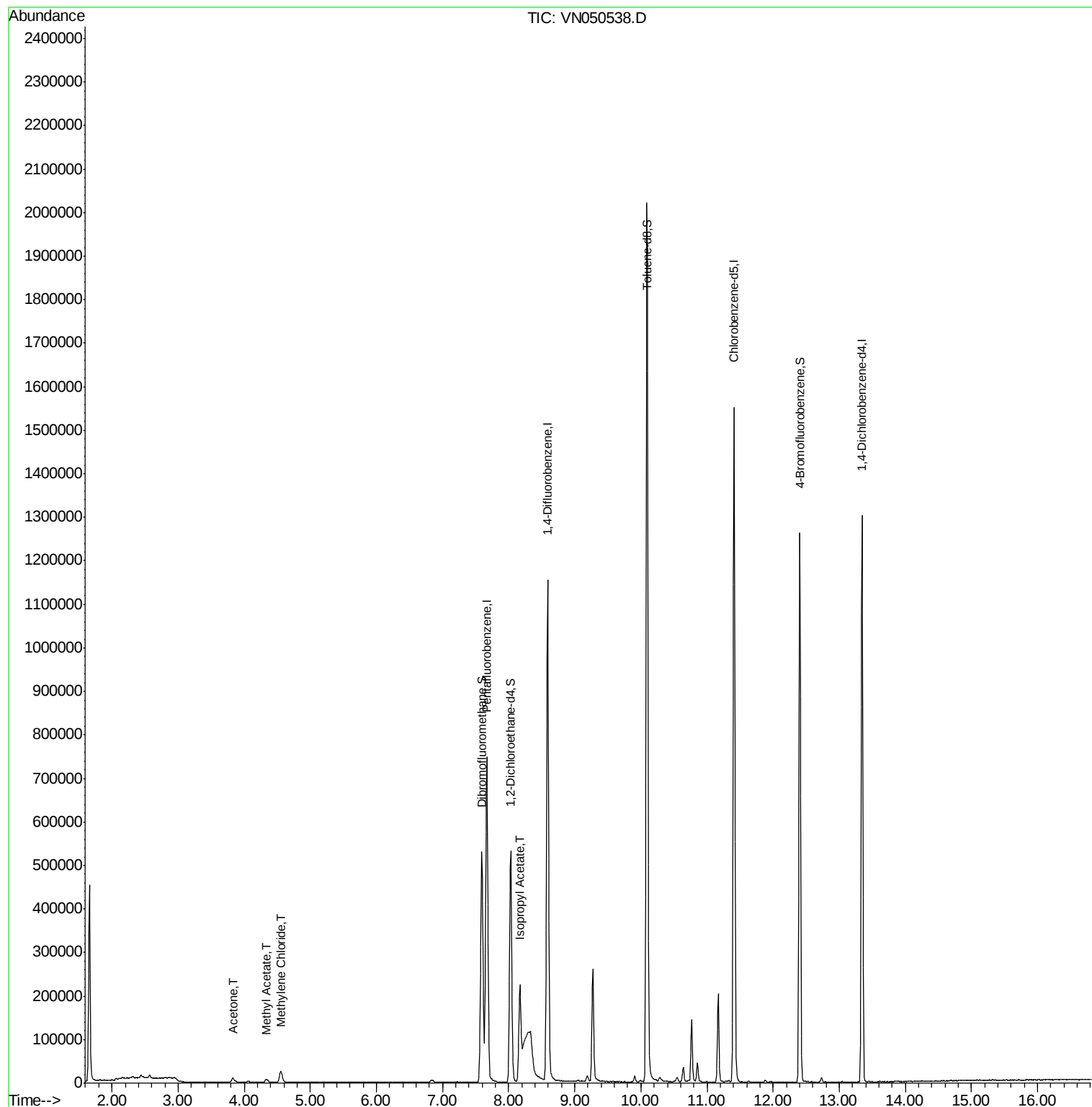
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	646916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1072405	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	941802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	363804	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	448696	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.82%	
35) Dibromofluoromethane	7.59	113	412422	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.86%	
50) Toluene-d8	10.09	98	1487883	45.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.98%	
62) 4-Bromofluorobenzene	12.40	95	425517	38.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.18%	
Target Compounds						
16) Acetone	3.83	43	18395	6.79	ug/l	97
18) Methyl Acetate	4.33	43	14437	1.97	ug/l	97
20) Methylene Chloride	4.55	84	20052	1.03	ug/l	97
43) Isopropyl Acetate	8.17	43	278725	19.03	ug/l	97

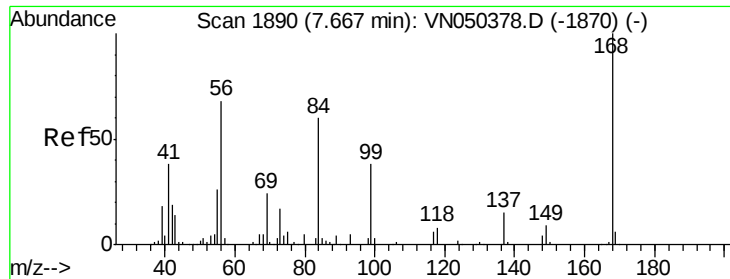
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:22:15 2018
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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: VN050538.D

Acq: 11 Aug 2018 00:27

Instrument :

MSVOA_N

ClientSampleId :

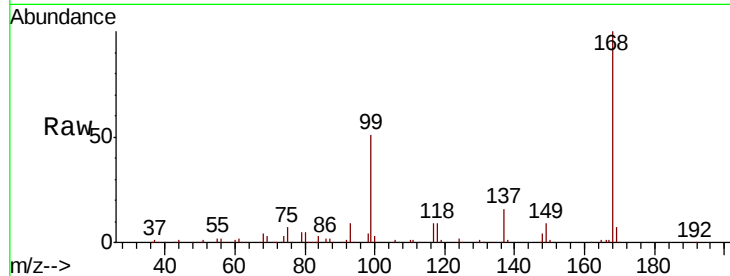
PB111921ZHE#12

Tot Ion:168 Resp: 646916

Ion Ratio Lower Upper

168 100

99 50.6 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050538.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050538.D (-1870) (-)

7.67

250000

200000

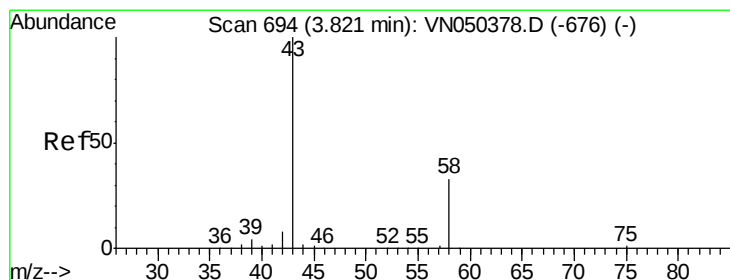
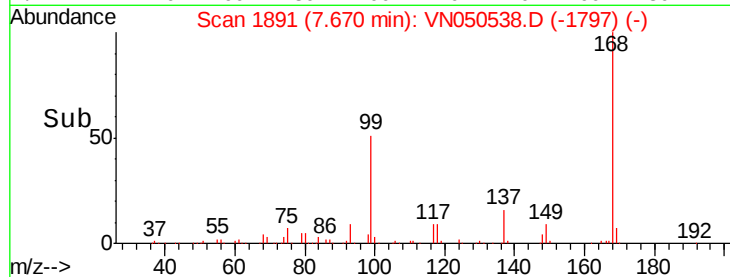
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 6.79 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050538.D

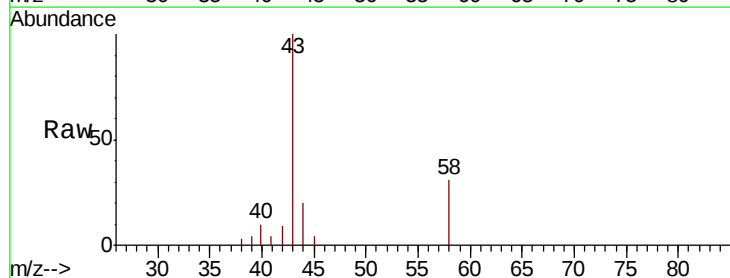
Acq: 11 Aug 2018 00:27

Tgt Ion: 43 Resp: 18395

Ion Ratio Lower Upper

43 100

58 30.8 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050538.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN050538.D (-601) (-)

3.83

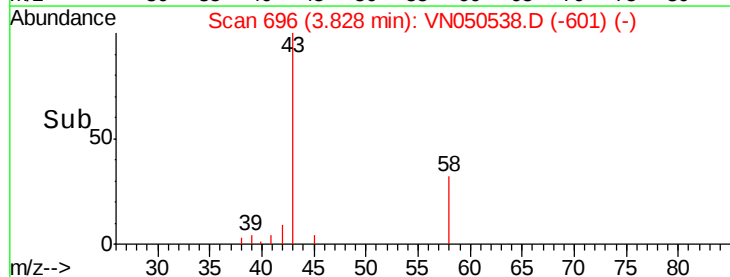
6000

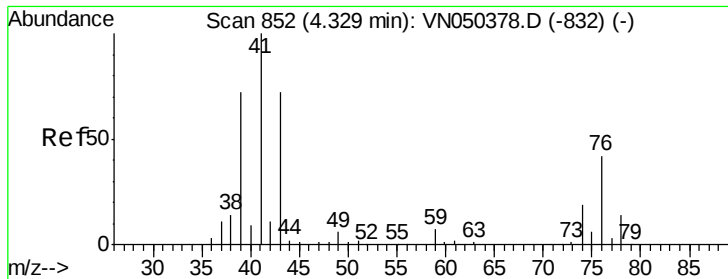
4000

2000

0

Time-->

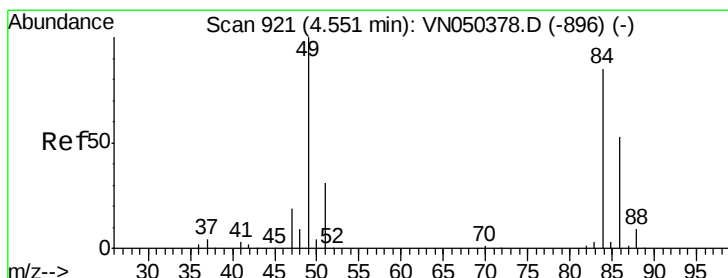
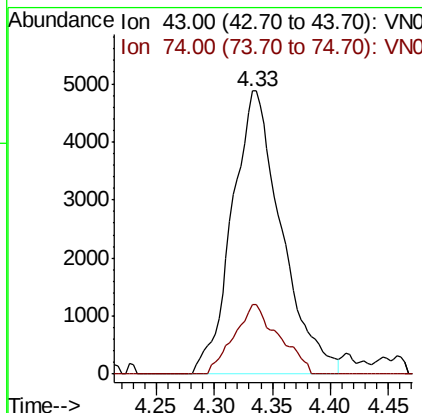
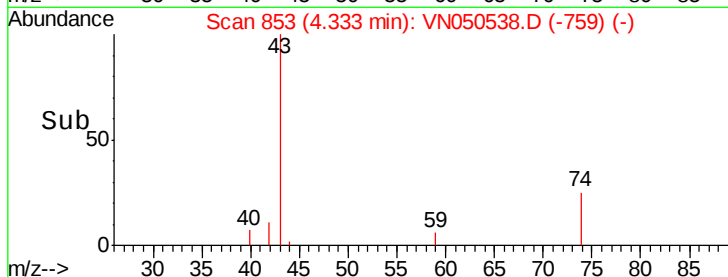
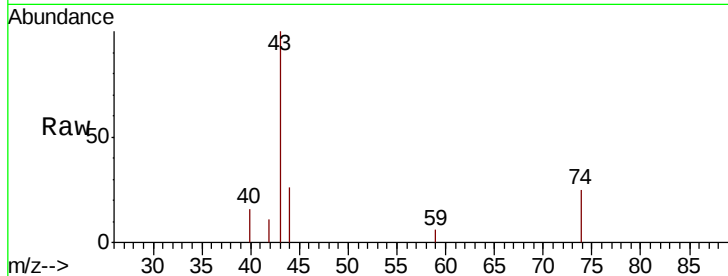




#18
Methyl Acetate
Concen: 1.97 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.00 min
Lab File: VN050538.D
Acq: 11 Aug 2018 00:27

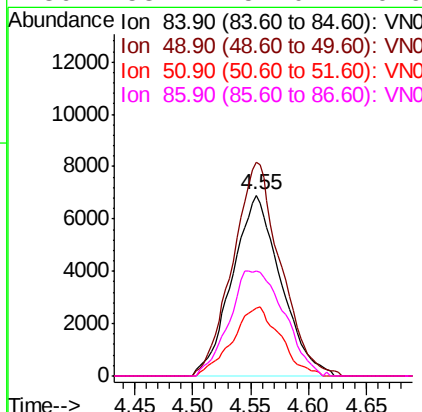
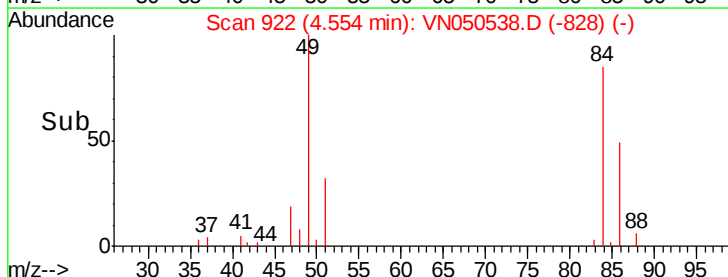
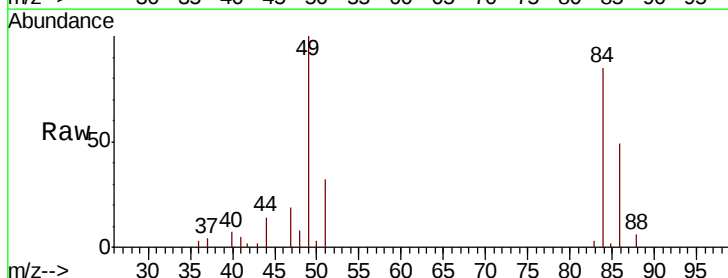
Instrument :
MSVOA_N
ClientSampleId :
PB111921ZHE#12

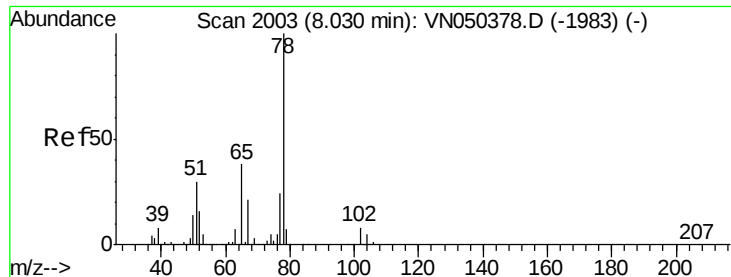
Tot Ion: 43 Resp: 14437
Ion Ratio Lower Upper
43 100
74 22.5 19.2 28.8



#20
Methylene Chloride
Concen: 1.03 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050538.D
Acq: 11 Aug 2018 00:27

Tgt Ion: 84 Resp: 20052
Ion Ratio Lower Upper
84 100
49 118.3 94.8 142.2
51 37.7 28.3 42.5
86 58.4 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 51.91 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. -0.00 min

Lab File: VN050538.D

Acq: 11 Aug 2018 00:27

Instrument :

MSVOA_N

ClientSampleId :

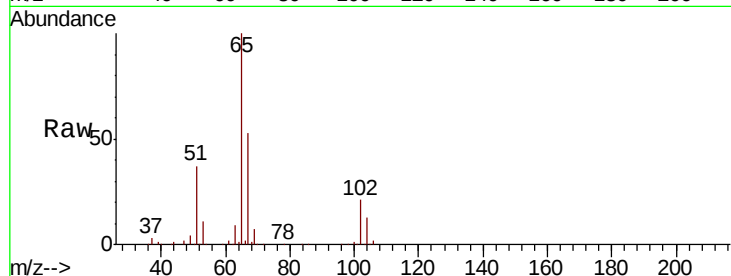
PB111921ZHE#12

Tot Ion: 65 Resp: 448696

Ion Ratio Lower Upper

65 100

67 54.1 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN050538.D (-1910) (-)

Ion 66.90 (66.60 to 67.60): VN050538.D (-1910) (-)

8.03

200000

150000

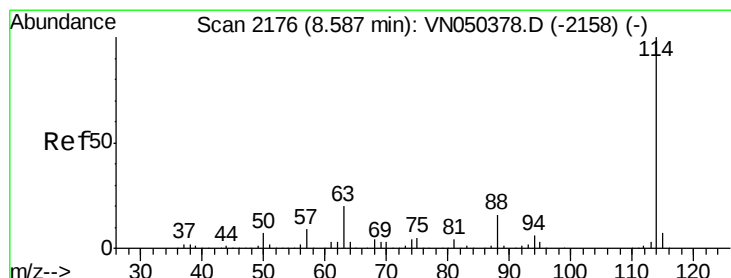
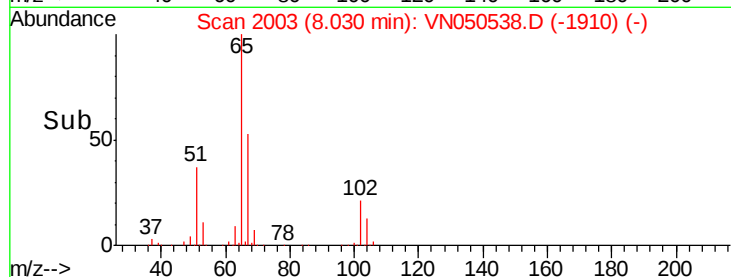
100000

50000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050538.D

Acq: 11 Aug 2018 00:27

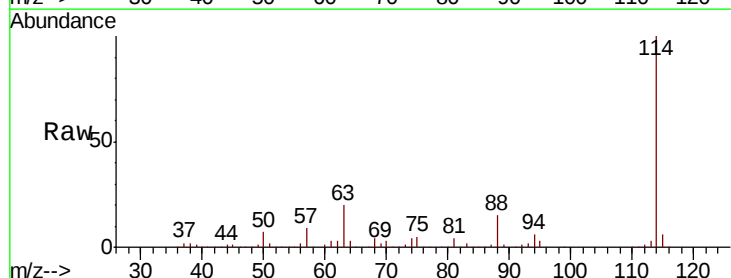
Tgt Ion: 114 Resp: 1072405

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.0

88 15.4 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): VN050538.D (-2083) (-)

Ion 63.00 (62.70 to 63.70): VN050538.D (-2083) (-)

Ion 87.90 (87.60 to 88.60): VN050538.D (-2083) (-)

8.59

600000

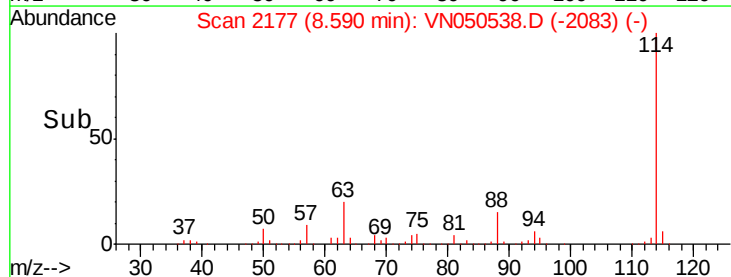
400000

200000

0

8.50 8.60 8.70 8.80

Time-->

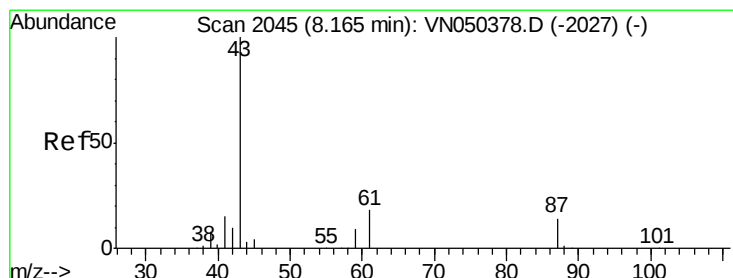
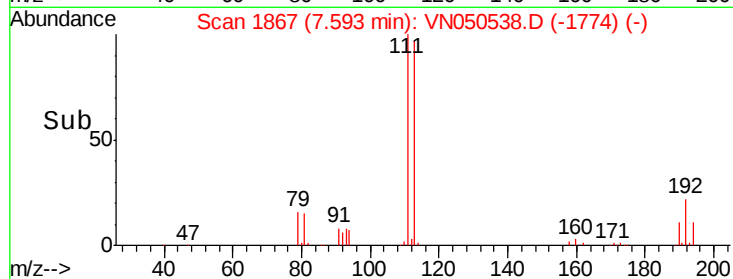
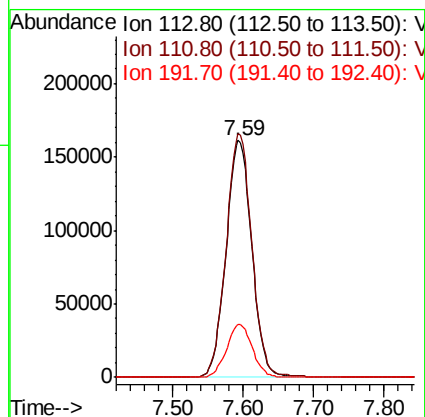
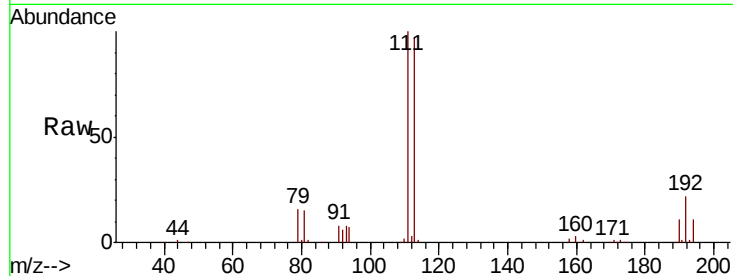




#35
 Dibromofluoromethane
 Concen: 47.93 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050538.D
 Acq: 11 Aug 2018 00:27

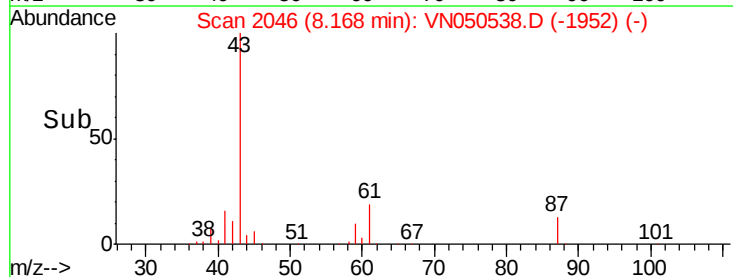
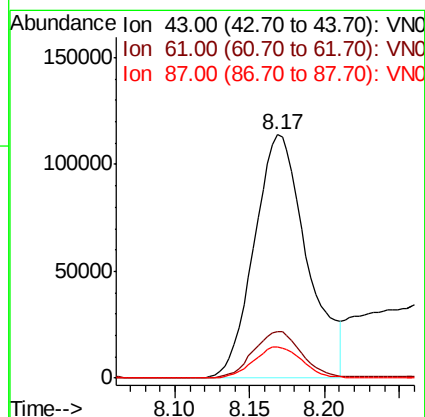
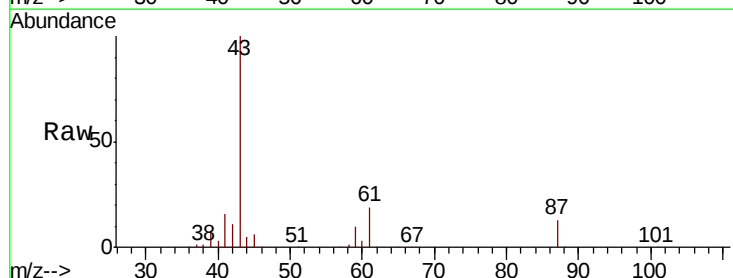
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111921ZHE#12

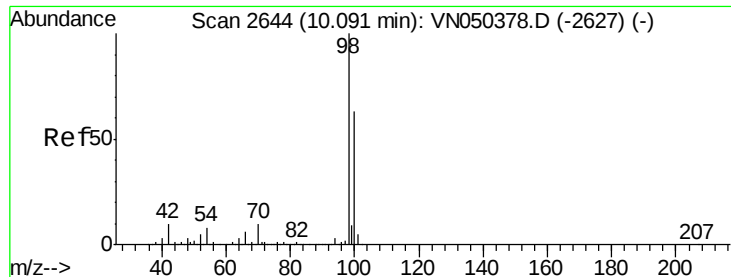
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	80.7	121.1
192	22.1	17.8	26.6



#43
 Isopropyl Acetate
 Concen: 19.03 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050538.D
 Acq: 11 Aug 2018 00:27

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.0	15.8	23.6
87	11.8	10.3	15.5





#50

Toluene-d8

Concen: 45.99 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050538.D

Acq: 11 Aug 2018 00:27

Instrument :

MSVOA_N

ClientSampleId :

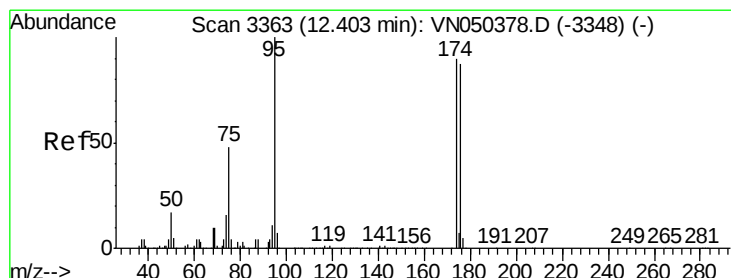
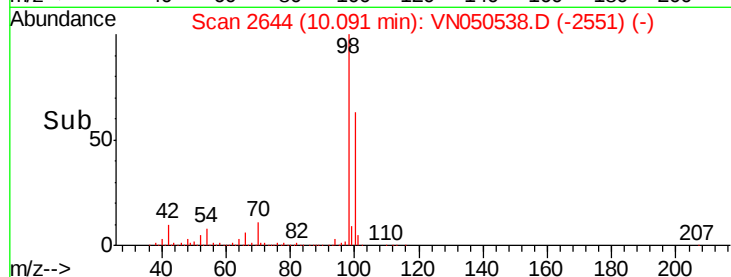
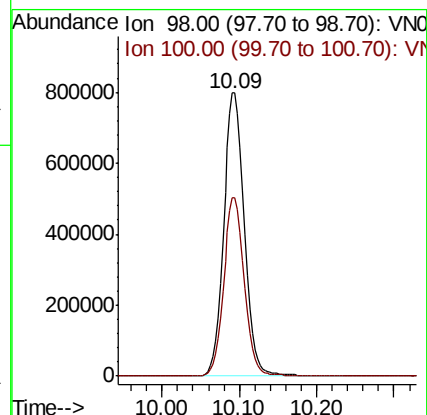
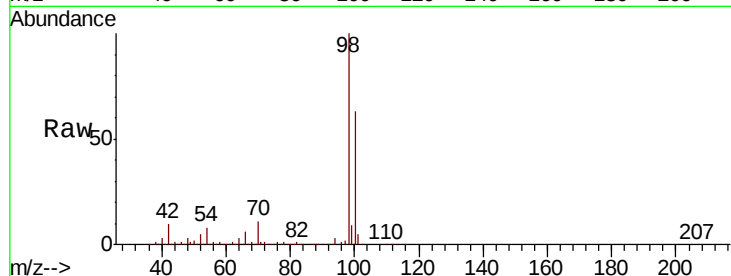
PB111921ZHE#12

Tot Ion: 98 Resp: 1487883

Ion Ratio Lower Upper

98 100

100 62.9 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 38.59 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN050538.D

Acq: 11 Aug 2018 00:27

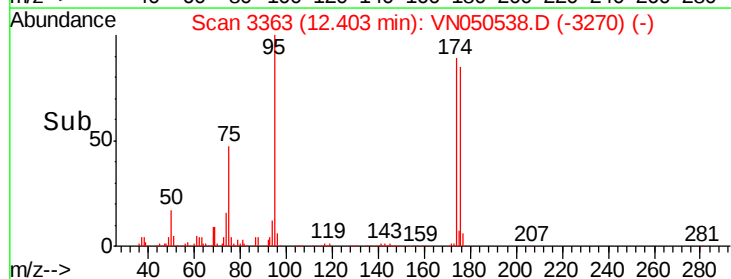
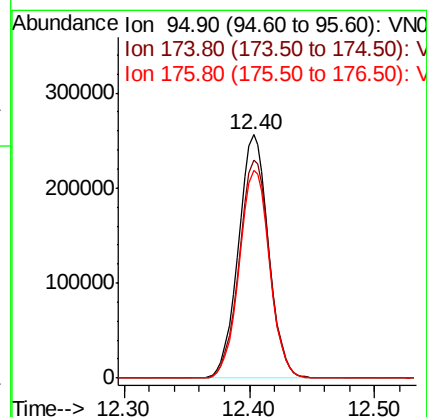
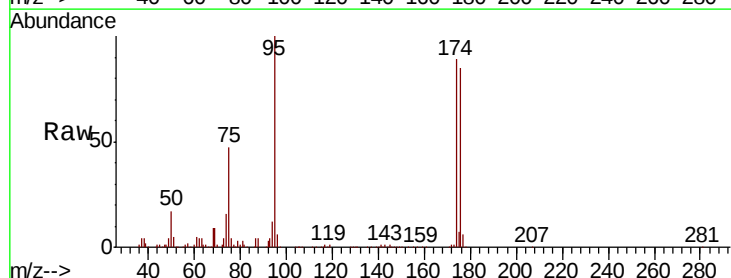
Tgt Ion: 95 Resp: 425517

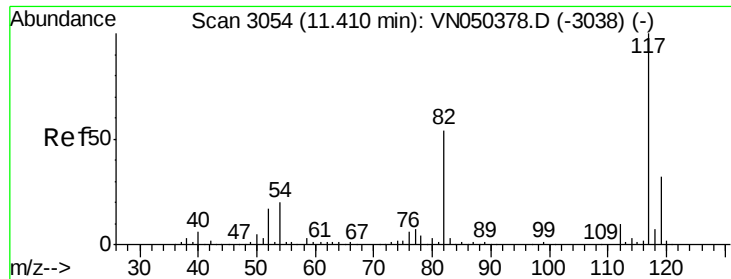
Ion Ratio Lower Upper

95 100

174 90.8 0.0 178.2

176 86.2 0.0 173.4

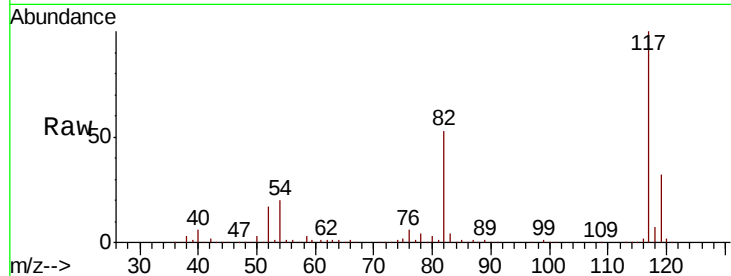




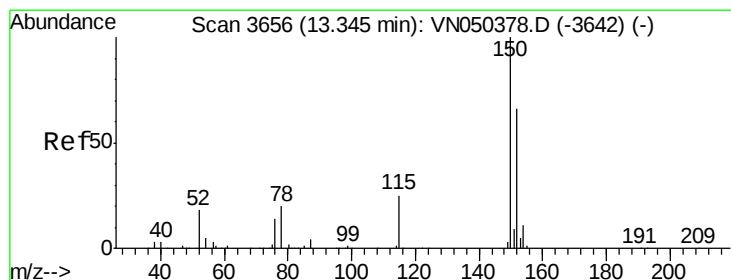
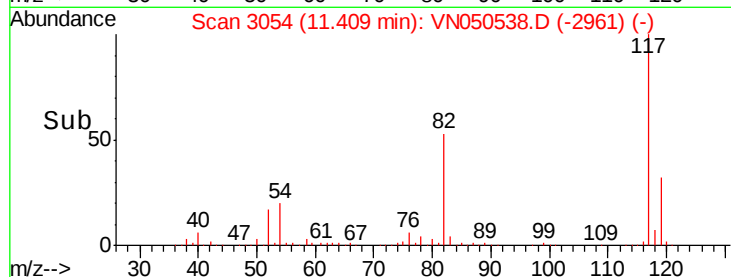
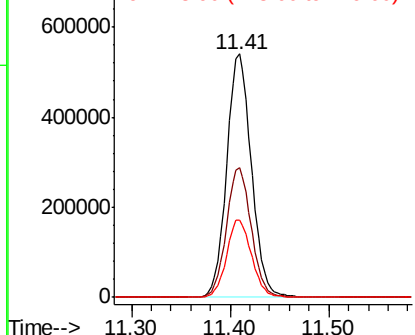
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050538.D
Acq: 11 Aug 2018 00:27

Instrument :
MSVOA_N
ClientSampleId :
PB111921ZHE#12

Tot Ion:117 Resp: 941802
Ion Ratio Lower Upper
117 100
82 53.2 43.7 65.5
119 31.9 26.1 39.1

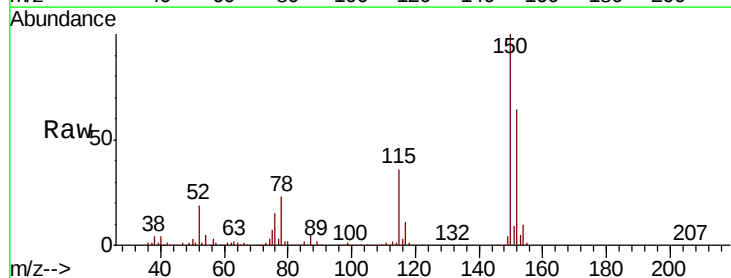


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. -0.00 min
Lab File: VN050538.D
Acq: 11 Aug 2018 00:27

Tgt Ion:152 Resp: 363804
Ion Ratio Lower Upper
152 100
115 56.4 27.8 83.3
150 156.9 0.0 348.6



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

