

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081718\
 Data File : VN050729.D
 Acq On : 17 Aug 2018 14:48
 Operator : MD\SY
 Sample : PB112140ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112140ZHE#03

Quant Time: Aug 18 00:24:44 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

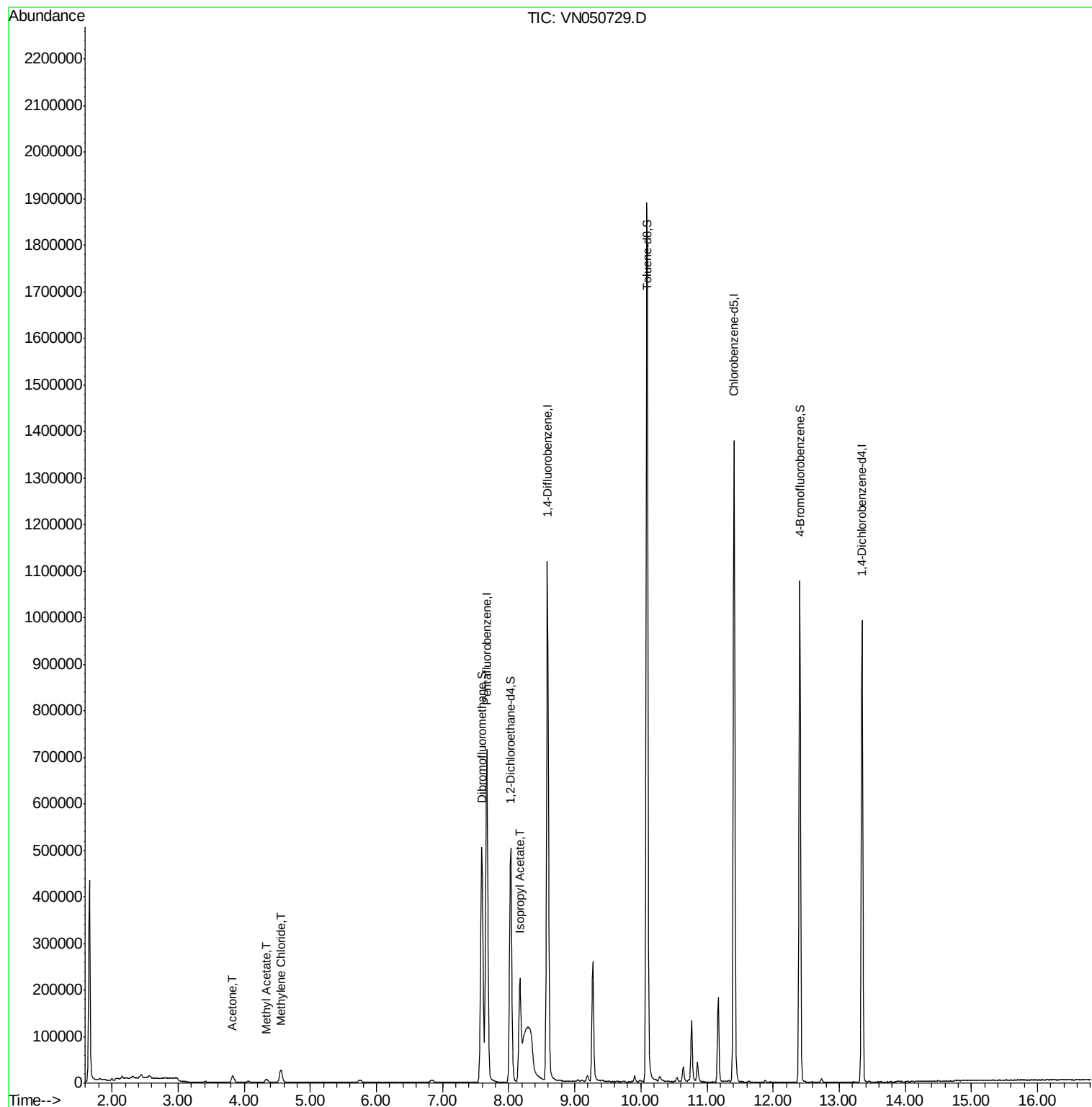
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	621701	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1031652	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	859515	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	282460	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	424473	54.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.34%	
35) Dibromofluoromethane	7.59	113	390480	47.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.82%	
50) Toluene-d8	10.09	98	1401446	45.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.42%	
62) 4-Bromofluorobenzene	12.40	95	365477	35.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.38%	
Target Compounds						
16) Acetone	3.83	43	26228	12.02	ug/l	98
18) Methyl Acetate	4.34	43	14610	1.69	ug/l	93
20) Methylene Chloride	4.55	84	21290	1.63	ug/l	98
43) Isopropyl Acetate	8.17	43	280464	23.71	ug/l	96

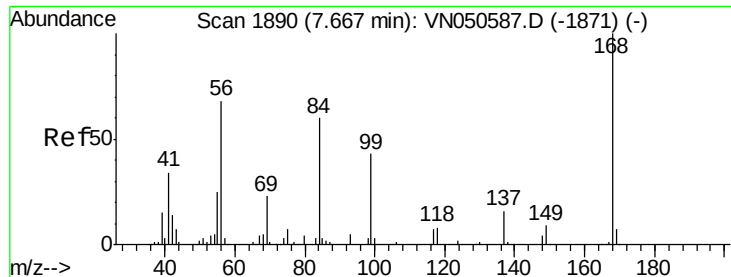
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN050729.D

Acq: 17 Aug 2018 14:48

Instrument :

MSVOA_N

ClientSampleId :

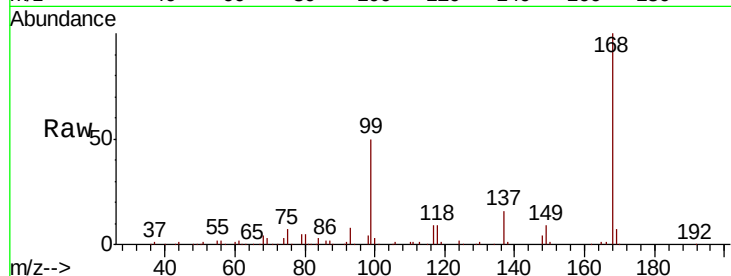
PB112140ZHE#03

Tot Ion:168 Resp: 621701

Ion Ratio Lower Upper

168 100

99 50.2 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): VN050587.D (-1871) (-)

Ion 98.90 (98.60 to 99.60): VN050587.D (-1871) (-)

7.67

250000

200000

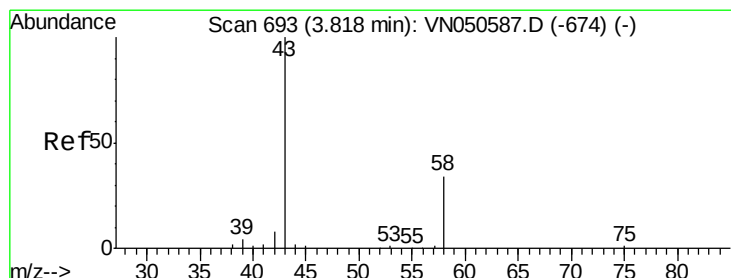
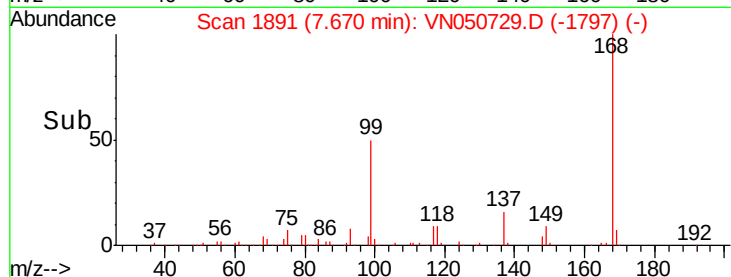
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 12.02 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN050729.D

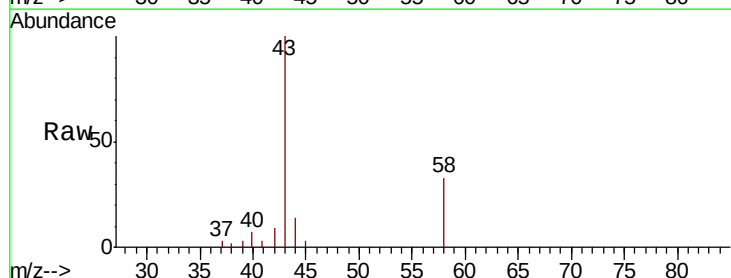
Acq: 17 Aug 2018 14:48

Tgt Ion: 43 Resp: 26228

Ion Ratio Lower Upper

43 100

58 33.0 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN050587.D (-674) (-)

Ion 58.00 (57.70 to 58.70): VN050587.D (-674) (-)

3.83

10000

8000

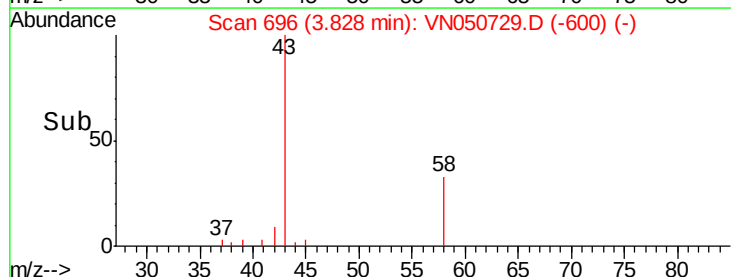
6000

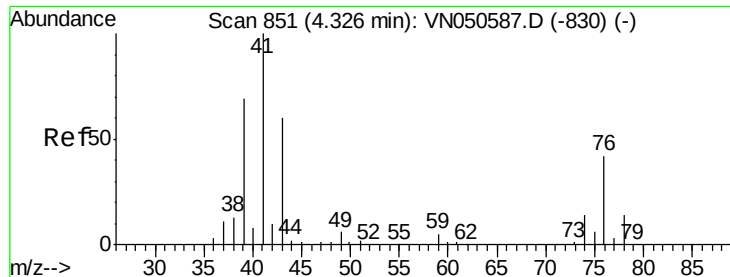
4000

2000

0

Time-->

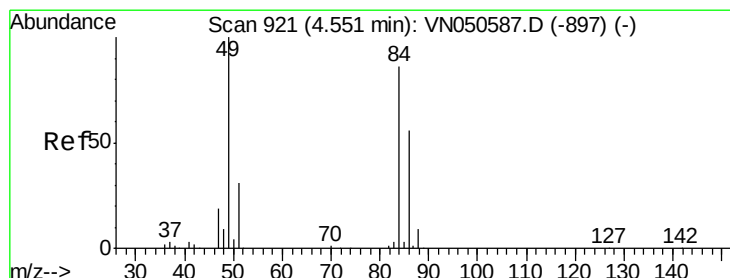
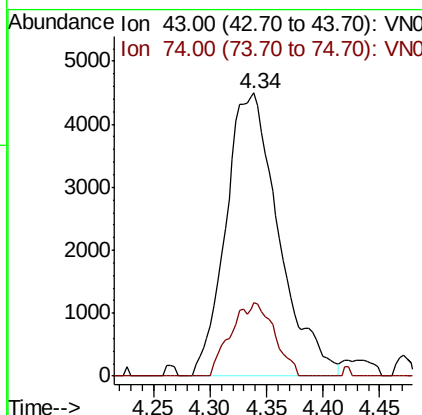
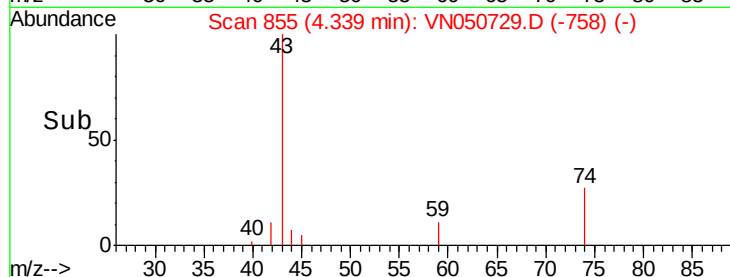
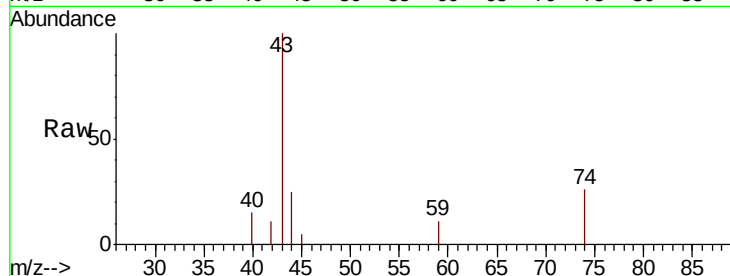




#18
Methyl Acetate
Concen: 1.69 ug/l
RT: 4.34 min Scan# 855
Delta R.T. 0.01 min
Lab File: VN050729.D
Acq: 17 Aug 2018 14:48

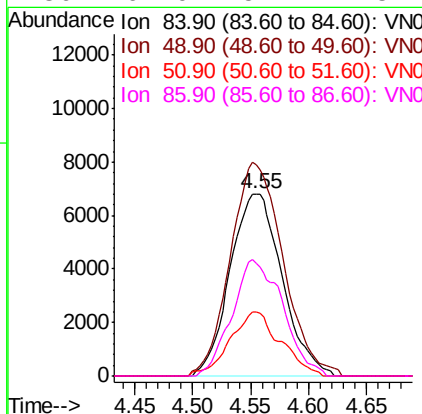
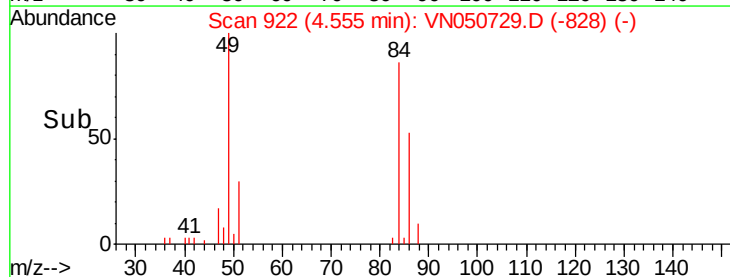
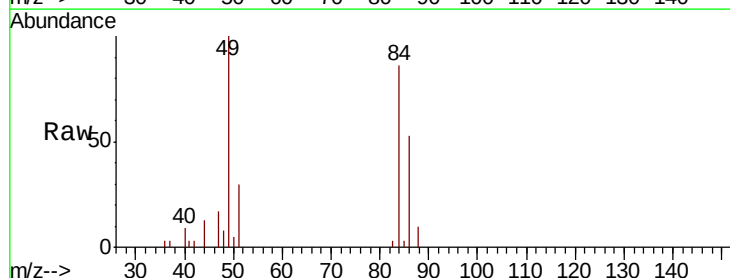
Instrument :
MSVOA_N
ClientSampleId :
PB112140ZHE#03

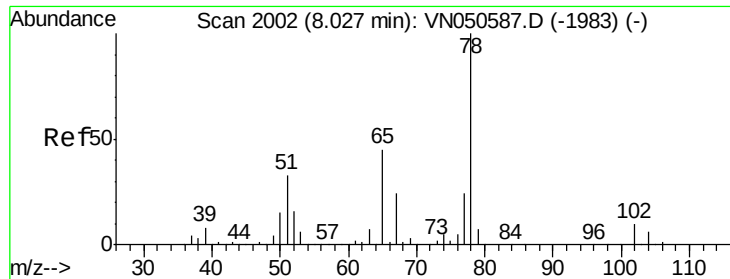
Tot Ion: 43 Resp: 14610
Ion Ratio Lower Upper
43 100
74 21.2 19.7 29.5



#20
Methylene Chloride
Concen: 1.63 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN050729.D
Acq: 17 Aug 2018 14:48

Tgt Ion: 84 Resp: 21290
Ion Ratio Lower Upper
84 100
49 116.0 92.6 138.8
51 35.2 28.6 43.0
86 62.0 52.2 78.2

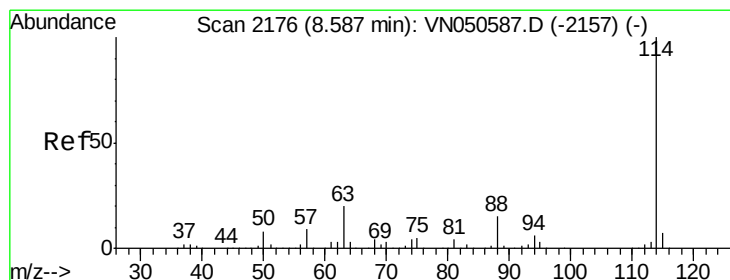
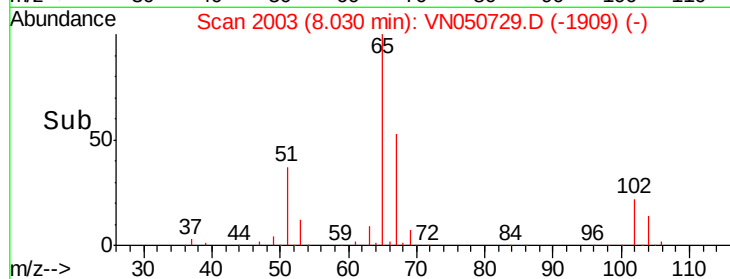
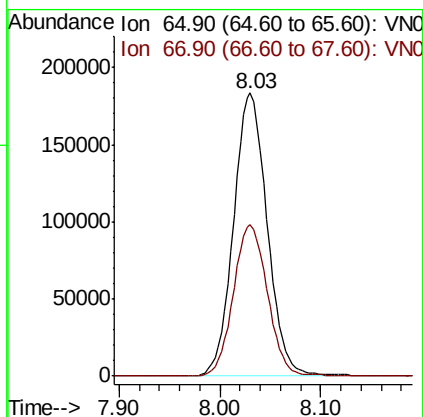
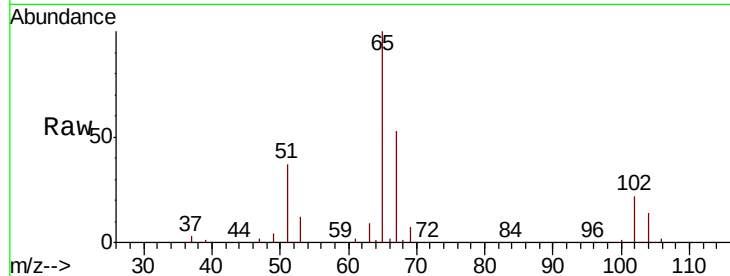




#33
 1,2-Dichloroethane-d4
 Concen: 54.17 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050729.D
 Acq: 17 Aug 2018 14:48

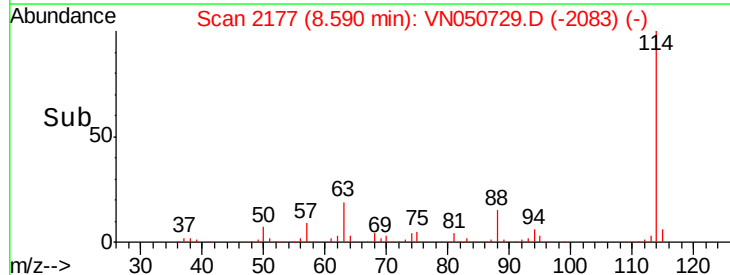
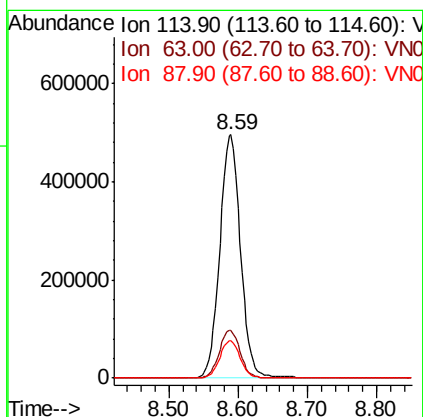
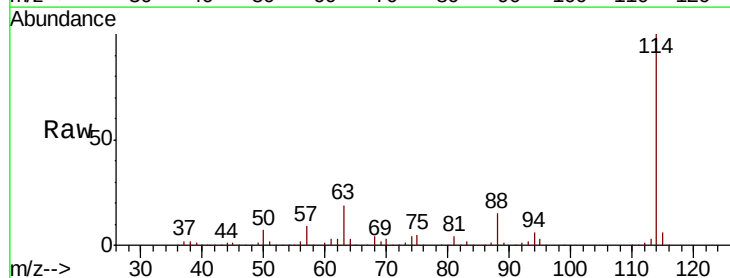
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112140ZHE#03

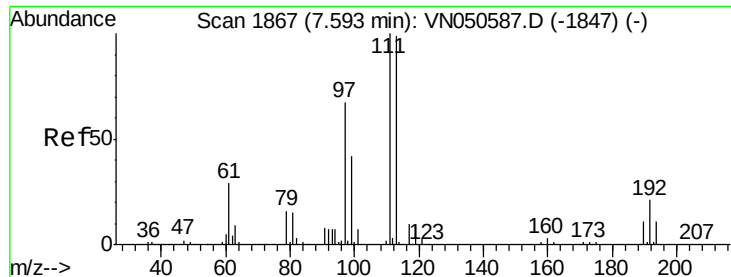
Tot Ion: 65 Resp: 424473
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050729.D
 Acq: 17 Aug 2018 14:48

Tgt Ion: 114 Resp: 1031652
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 40.0
 88 15.4 0.0 30.8

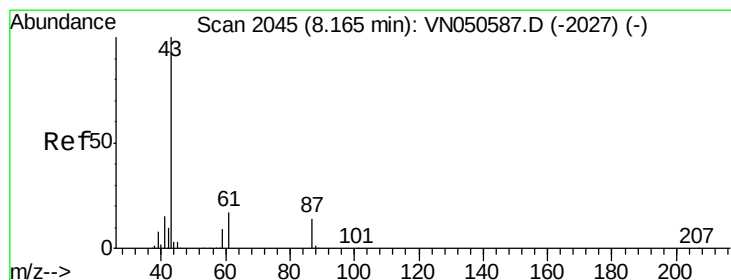
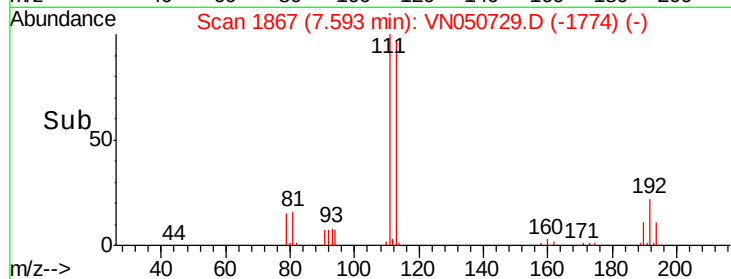
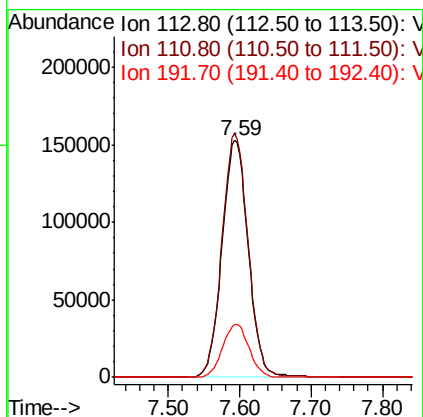
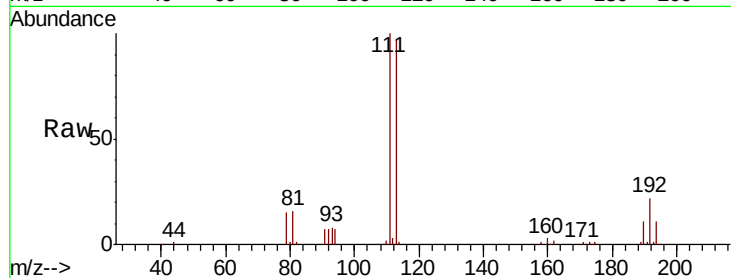




#35
 Dibromofluoromethane
 Concen: 47.41 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. -0.00 min
 Lab File: VN050729.D
 Acq: 17 Aug 2018 14:48

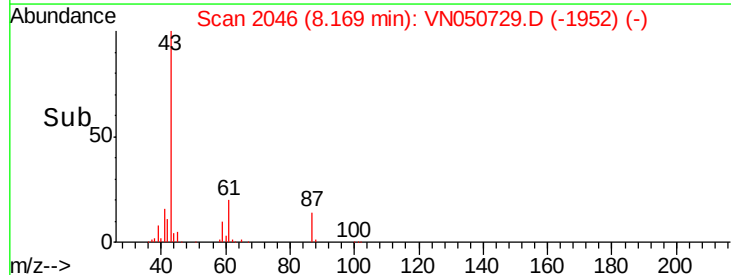
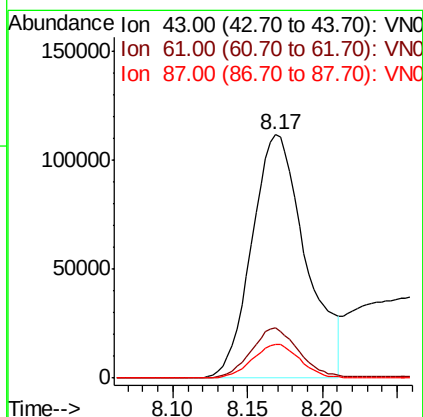
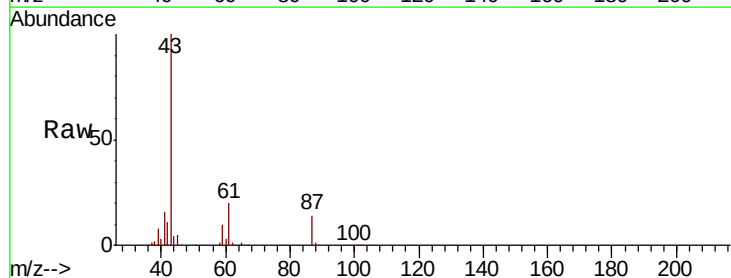
Instrument :
 MSVOA_N
 ClientSampleId :
 PB112140ZHE#03

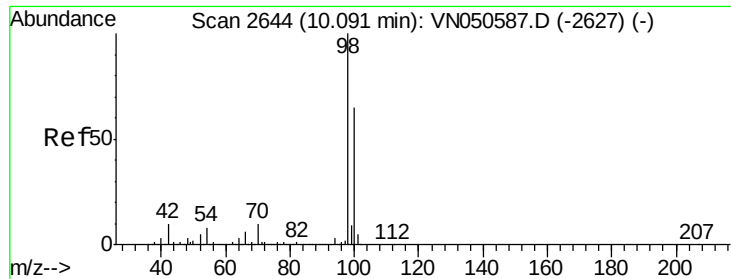
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.0	121.6
192	22.6	17.6	26.4



#43
 Isopropyl Acetate
 Concen: 23.71 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050729.D
 Acq: 17 Aug 2018 14:48

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.3	16.2	24.2
87	12.1	10.9	16.3





#50

Toluene-d8

Concen: 45.21 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050729.D

Acq: 17 Aug 2018 14:48

Instrument :

MSVOA_N

ClientSampleId :

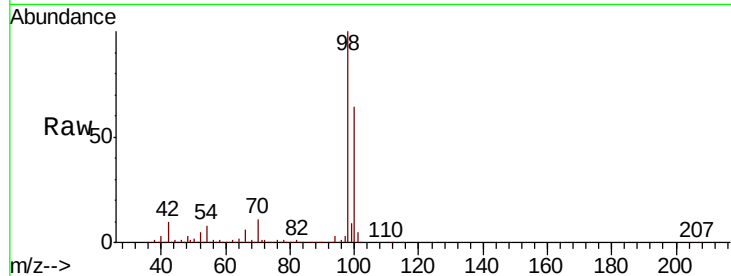
PB112140ZHE#03

Tot Ion: 98 Resp: 1401446

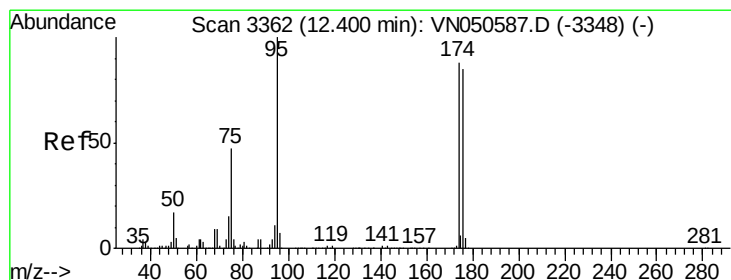
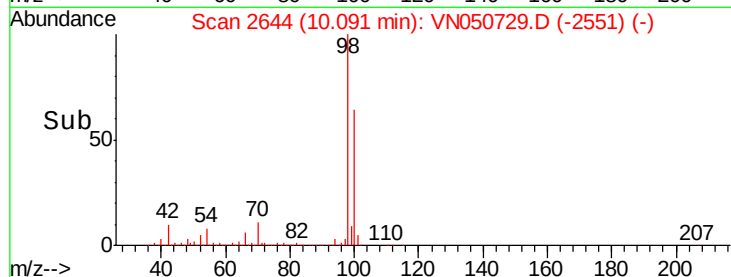
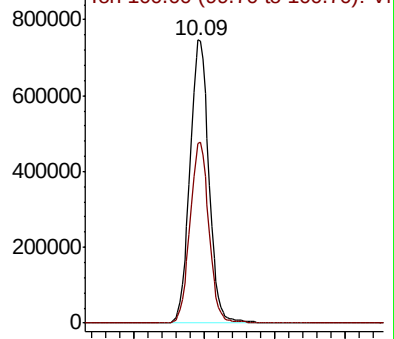
Ion Ratio Lower Upper

98 100

100 63.8 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN050587.D (-2627) (-)



#62

4-Bromofluorobenzene

Concen: 35.69 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050729.D

Acq: 17 Aug 2018 14:48

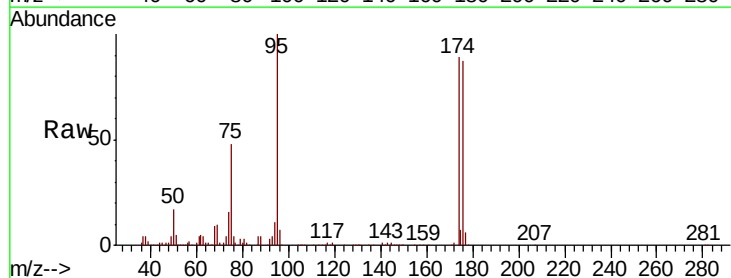
Tgt Ion: 95 Resp: 365477

Ion Ratio Lower Upper

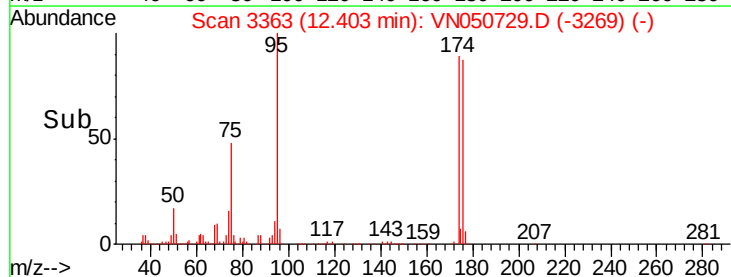
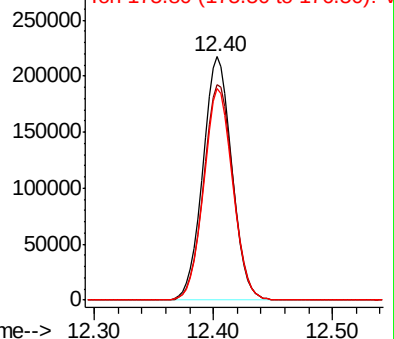
95 100

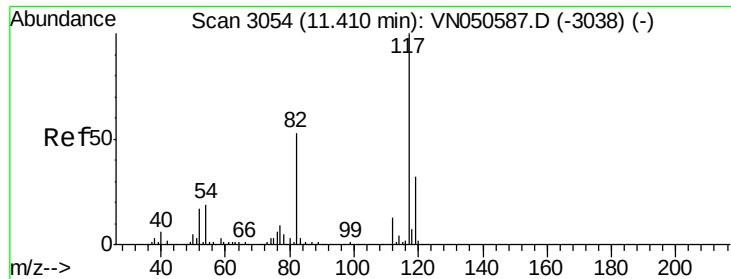
174 90.3 0.0 177.8

176 87.1 0.0 175.0



Abundance Ion 94.90 (94.60 to 95.60): VN050587.D (-3348) (-)





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN050729.D

Acq: 17 Aug 2018 14:48

Instrument :

MSVOA_N

ClientSampleId :

PB112140ZHE#03

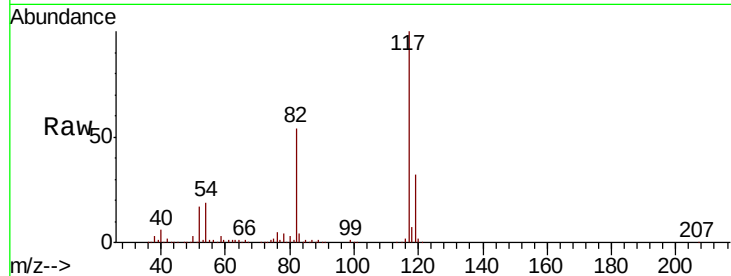
Tot Ion:117 Resp: 859515

Ion Ratio Lower Upper

117 100

82 53.5 42.4 63.6

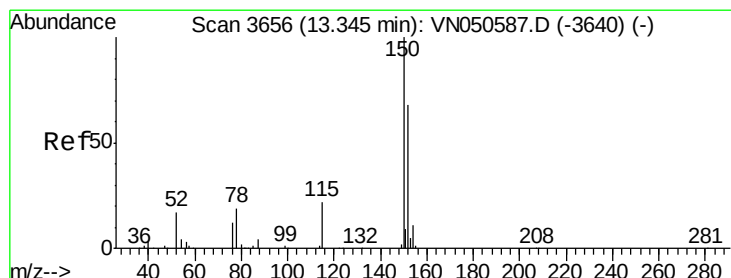
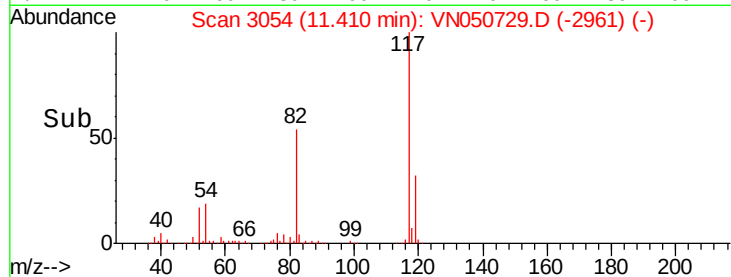
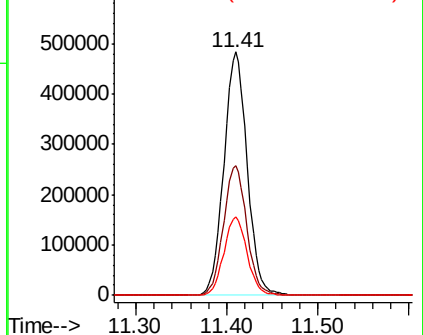
119 32.5 25.8 38.8



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: VN050729.D

Acq: 17 Aug 2018 14:48

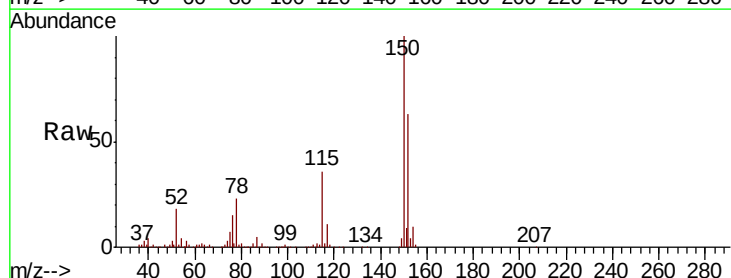
Tgt Ion:152 Resp: 282460

Ion Ratio Lower Upper

152 100

115 56.1 28.1 84.2

150 156.2 0.0 347.8



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

