

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
 Data File : VN049588.D
 Acq On : 28 Jun 2018 14:33
 Operator : MD\SY
 Sample : PB110627ZHE#11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110627ZHE#11

Quant Time: Jun 29 03:13:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:02:01 2018
 Response via : Initial Calibration

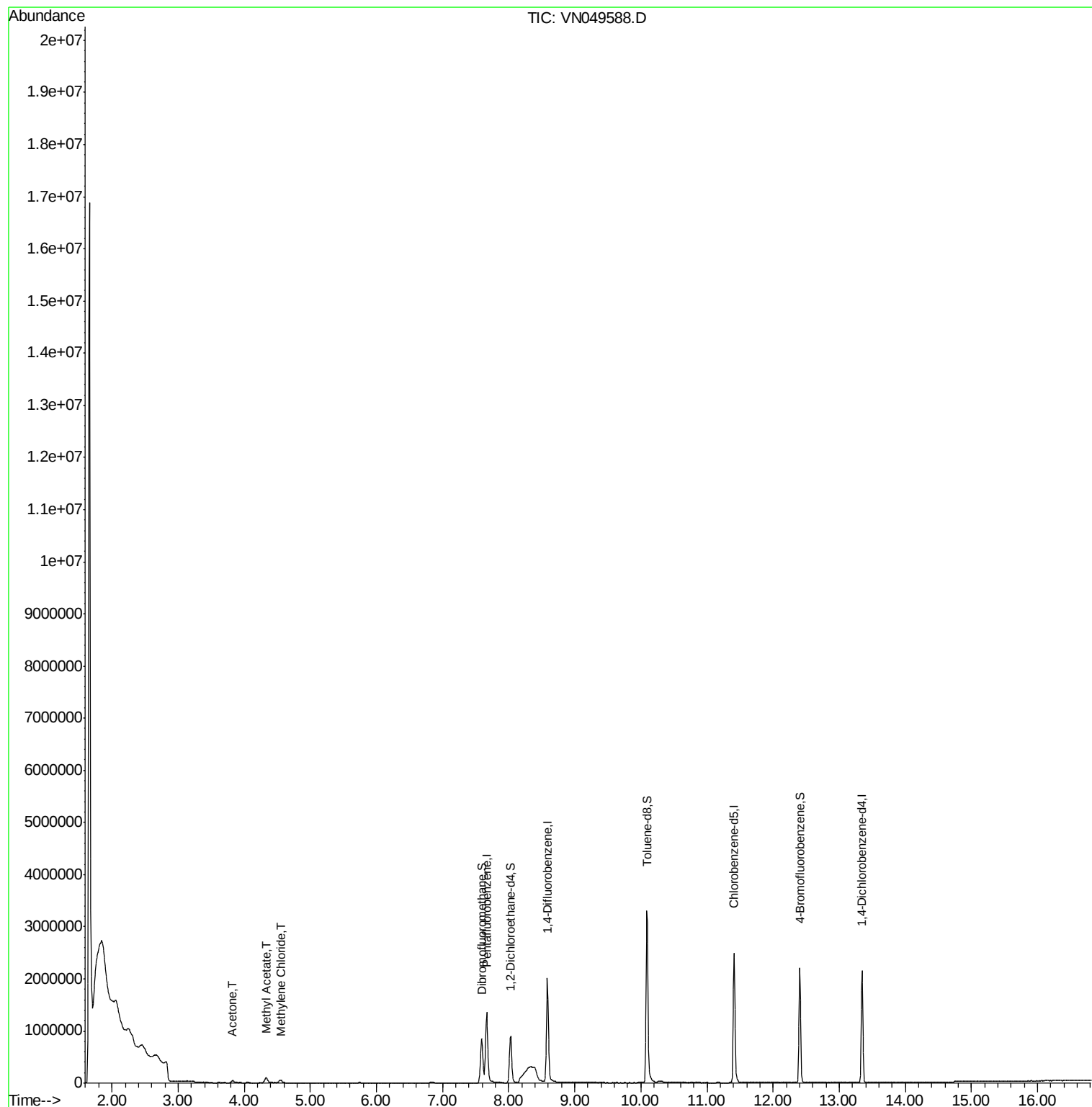
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1196414	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1924940	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1597816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	626605	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	787677	49.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.28%	
35) Dibromofluoromethane	7.59	113	657331	42.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.42%	
50) Toluene-d8	10.09	98	2568618	43.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.64%	
62) 4-Bromofluorobenzene	12.40	95	761563	38.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.68%	
Target Compounds						
16) Acetone	3.82	43	76728	19.91	ug/l	93
18) Methyl Acetate	4.33	43	188303	16.03	ug/l	95
20) Methylene Chloride	4.55	84	35685	2.22	ug/l	84

(#) = 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# 1890

Delta R.T. 0.00 min

Lab File: VN049588.D

Acq: 28 Jun 2018 14:33

Instrument :

MSVOA_N

ClientSampleId :

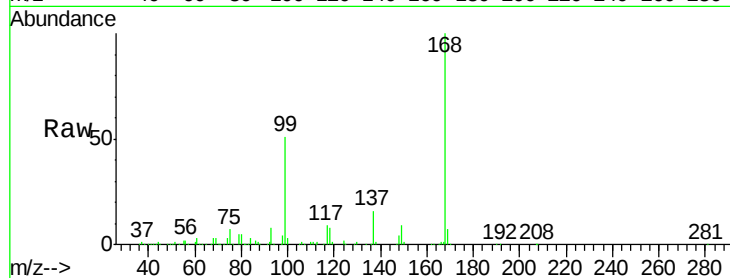
PB110627ZHE#11

Tot Ion:168 Resp: 1196414

Ion Ratio Lower Upper

168 100

99 50.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

500000

400000

300000

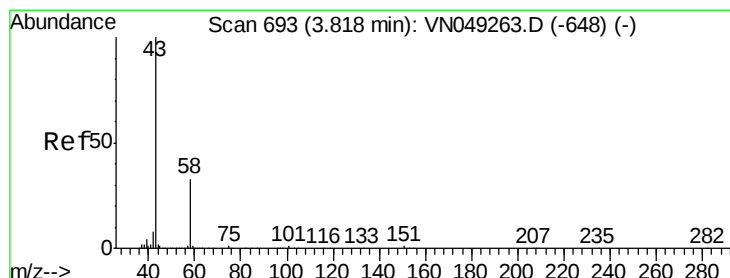
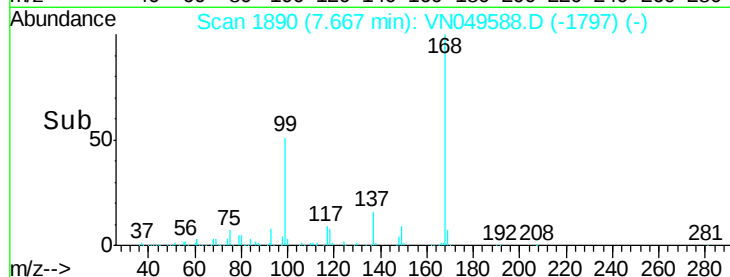
200000

100000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 19.91 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049588.D

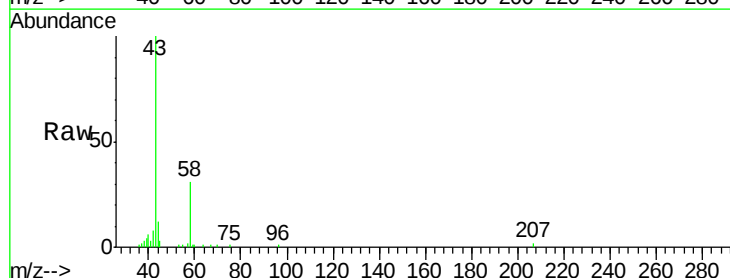
Acq: 28 Jun 2018 14:33

Tgt Ion: 43 Resp: 76728

Ion Ratio Lower Upper

43 100

58 31.5 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

30000

25000

20000

15000

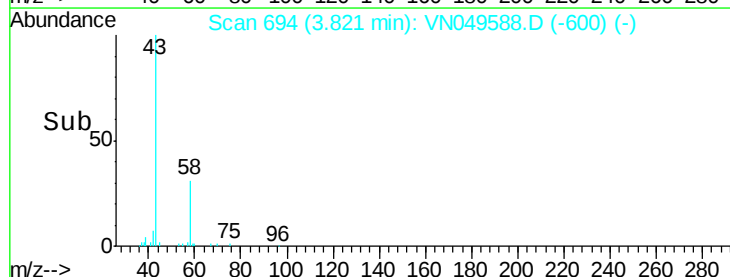
10000

5000

0

3.70 3.80 3.90

Time-->

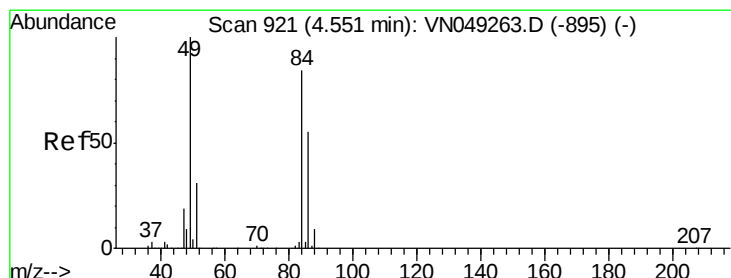
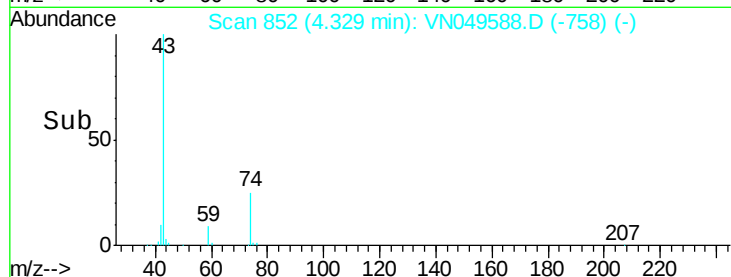
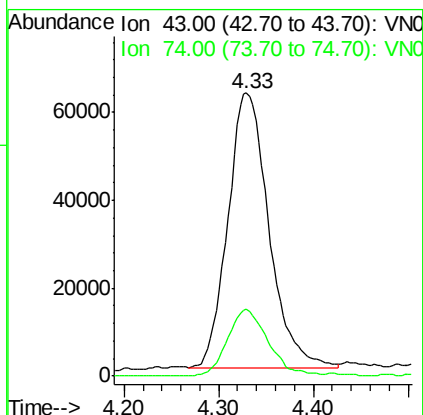
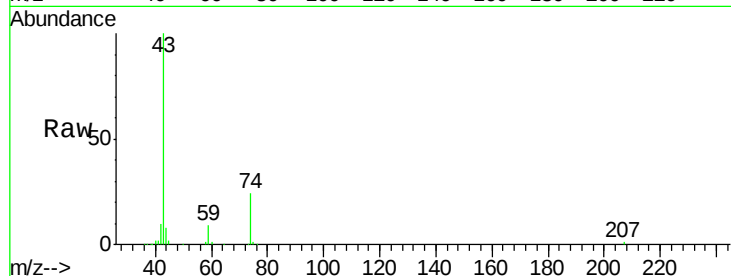




#18
Methvl Acetate
Concen: 16.03 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049588.D
Acq: 28 Jun 2018 14:33

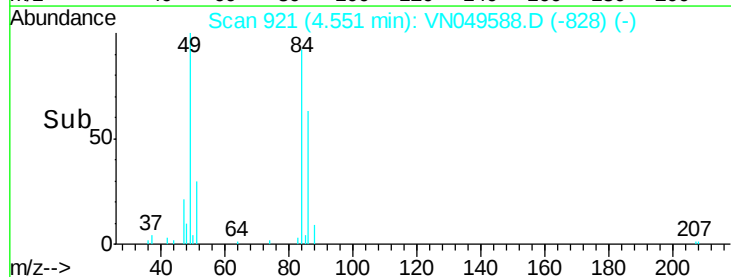
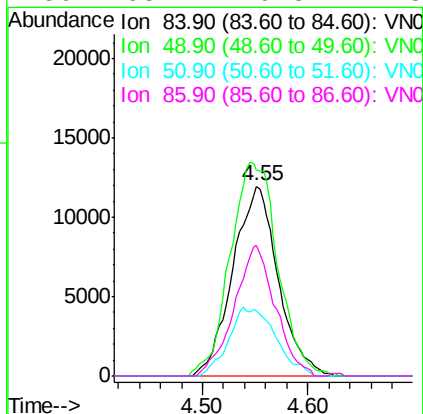
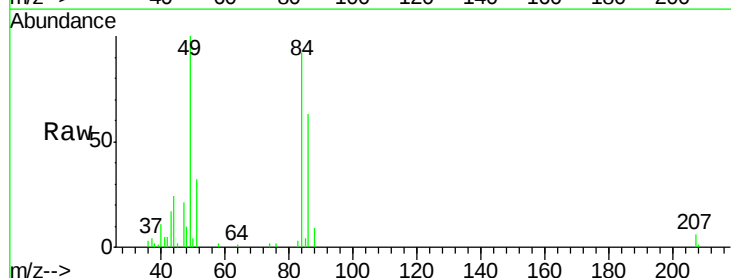
Instrument :
MSVOA_N
ClientSampleId :
PB110627ZHE#11

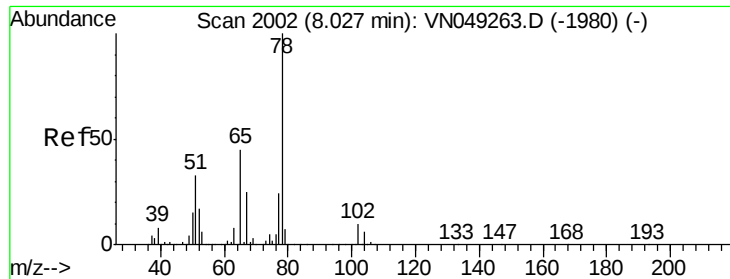
Tot Ion: 43 Resp: 188303
Ion Ratio Lower Upper
43 100
74 24.2 17.4 26.0



#20
Methylene Chloride
Concen: 2.22 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049588.D
Acq: 28 Jun 2018 14:33

Tgt Ion: 84 Resp: 35685
Ion Ratio Lower Upper
84 100
49 108.9 106.9 160.3
51 34.7 32.7 49.1
86 68.7 49.8 74.8

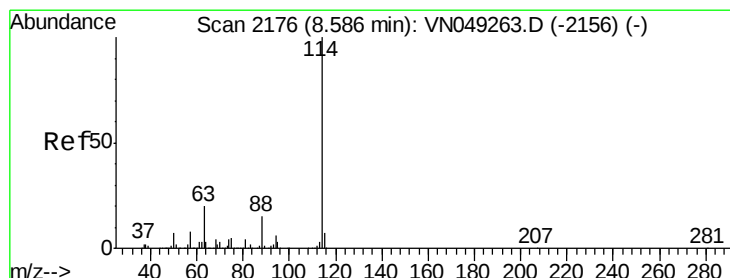
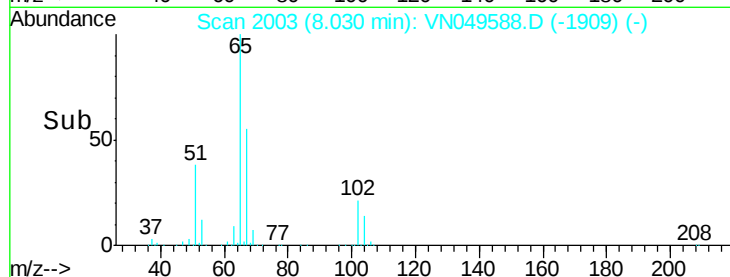
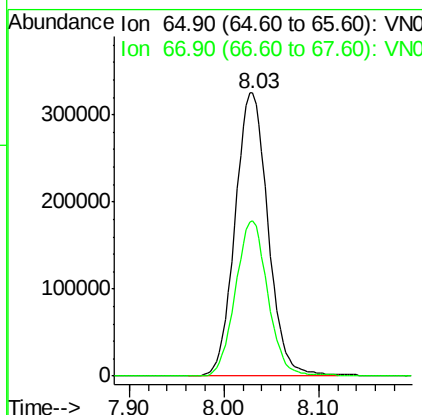
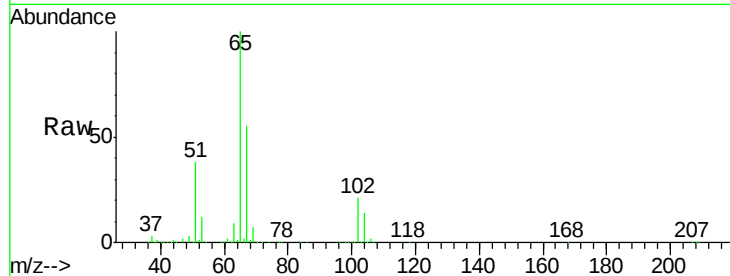




#33
 1,2-Dichloroethane-d4
 Concen: 49.64 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049588.D
 Acq: 28 Jun 2018 14:33

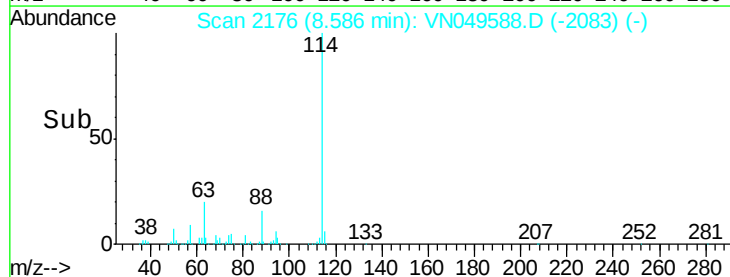
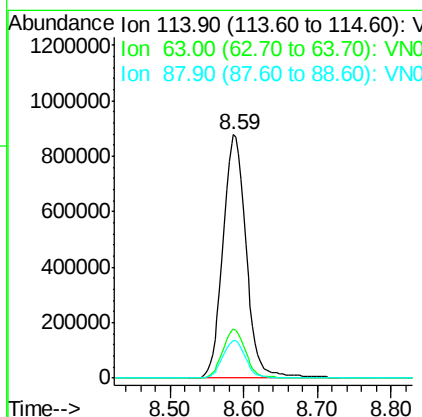
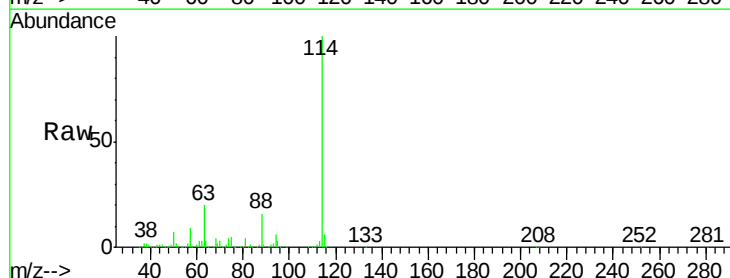
Instrument :
 MSVOA_N
 ClientSampleId :
 PB110627ZHE#11

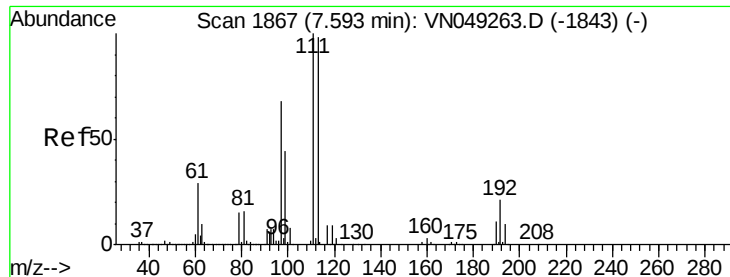
Tot Ion: 65 Resp: 787677
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 103.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049588.D
 Acq: 28 Jun 2018 14:33

Tgt Ion: 114 Resp: 1924940
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 44.4
 88 15.6 0.0 31.4

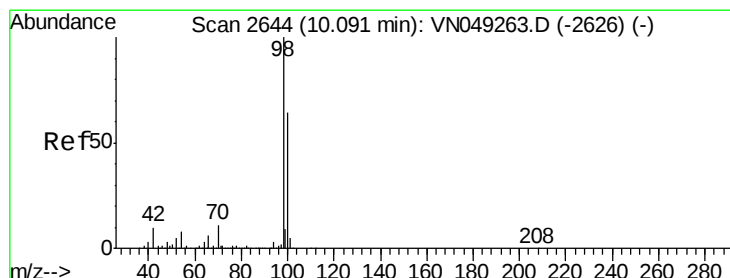
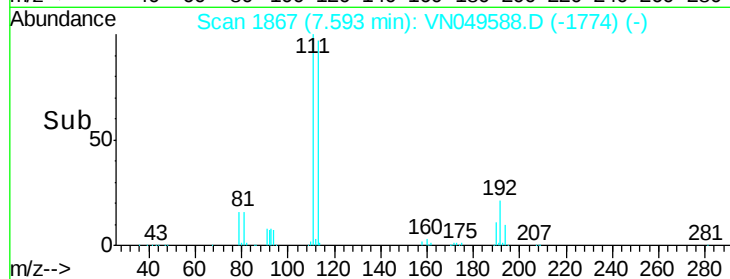
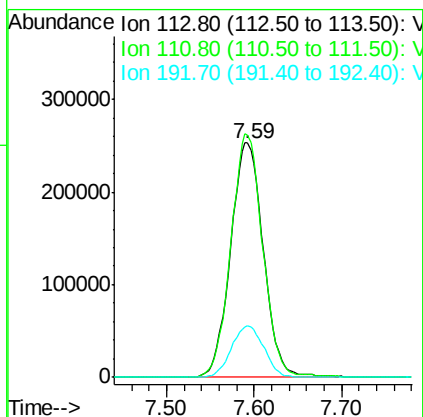
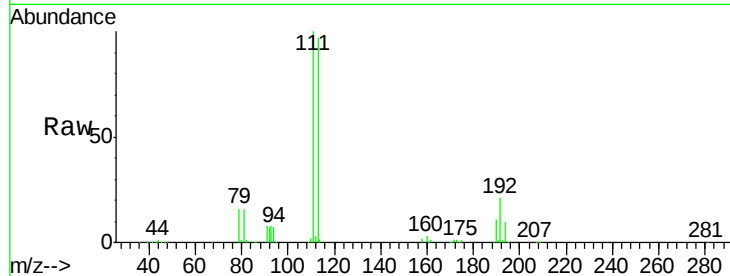




#35
 Dibromofluoromethane
 Concen: 42.21 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049588.D
 Acq: 28 Jun 2018 14:33

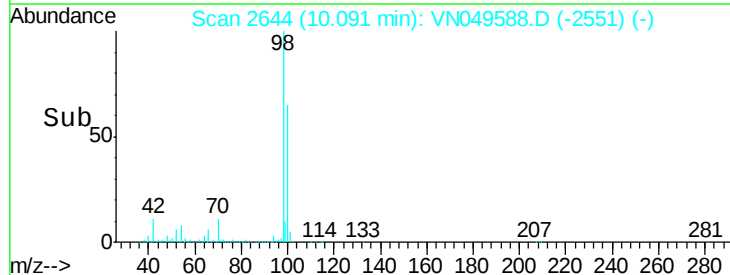
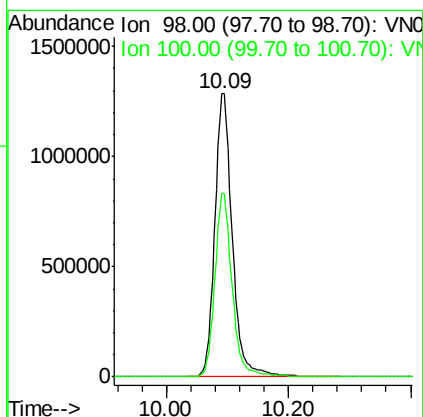
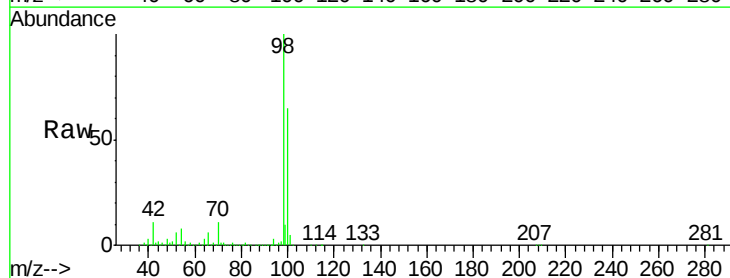
Instrument :
 MSVOA_N
 ClientSampleId :
 PB110627ZHE#11

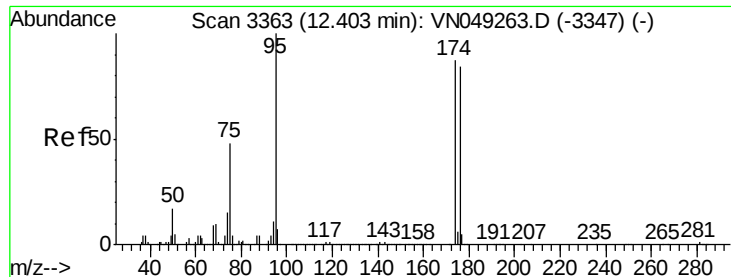
Tot Ion:113 Resp: 657331
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.4 123.6
 192 21.9 15.0 22.6



#50
 Toluene-d8
 Concen: 43.32 ug/l
 RT: 10.09 min Scan# 2644
 Delta R.T. 0.00 min
 Lab File: VN049588.D
 Acq: 28 Jun 2018 14:33

Tgt Ion: 98 Resp: 2568618
 Ion Ratio Lower Upper
 98 100
 100 64.0 49.8 74.8





#62

4-Bromofluorobenzene

Concen: 38.84 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049588.D

Acq: 28 Jun 2018 14:33

Instrument :

MSVOA_N

ClientSampleId :

PB110627ZHE#11

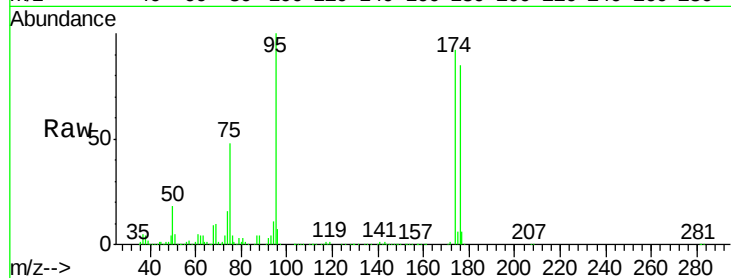
Tot Ion: 95 Resp: 761563

Ion Ratio Lower Upper

95 100

174 90.7 0.0 165.6

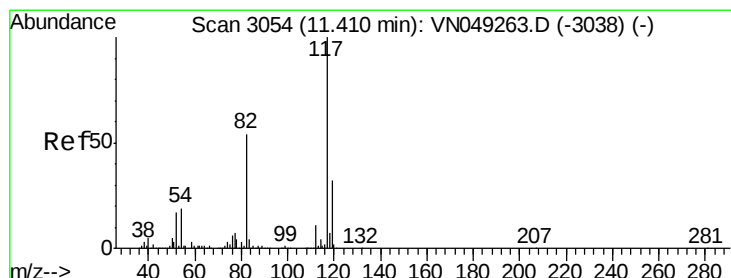
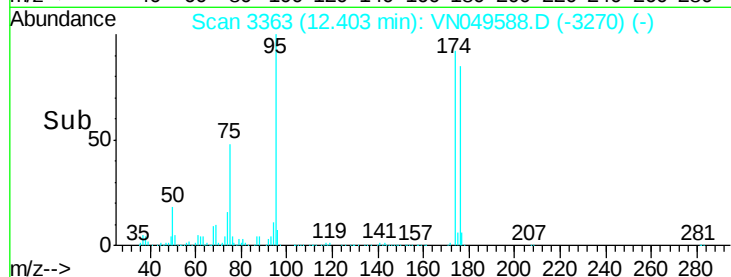
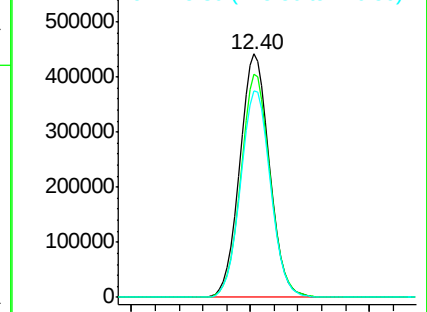
176 85.7 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049588.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049588.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049588.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049588.D

Acq: 28 Jun 2018 14:33

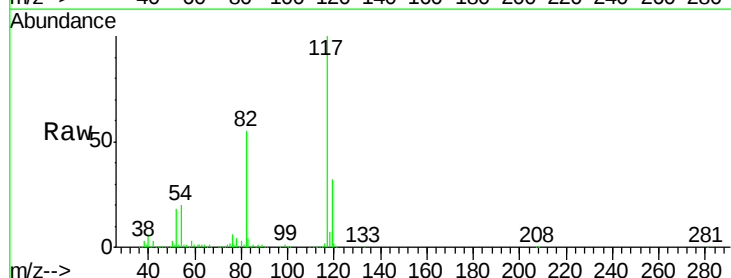
Tgt Ion: 117 Resp: 1597816

Ion Ratio Lower Upper

117 100

82 54.9 45.9 68.9

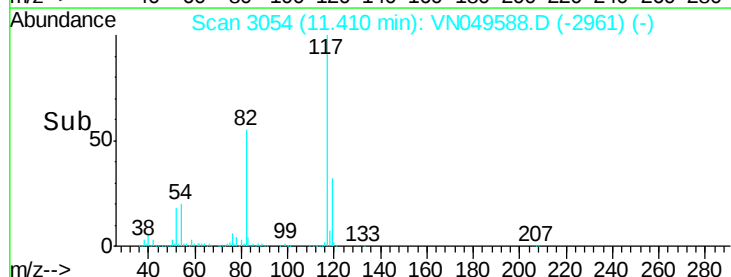
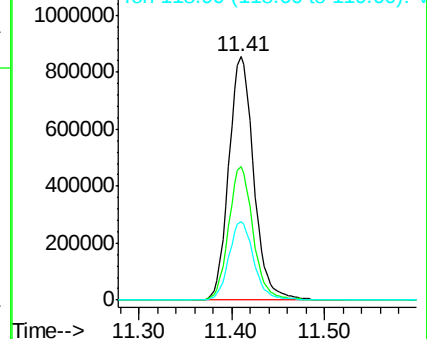
119 32.3 25.5 38.3

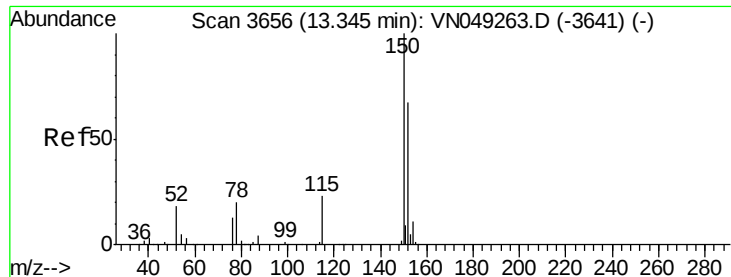


Abundance Ion 116.90 (116.60 to 117.60): VN049588.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049588.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049588.D (-2961) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049588.D

Acq: 28 Jun 2018 14:33

Instrument :

MSVOA_N

ClientSampleId :

PB110627ZHE#11

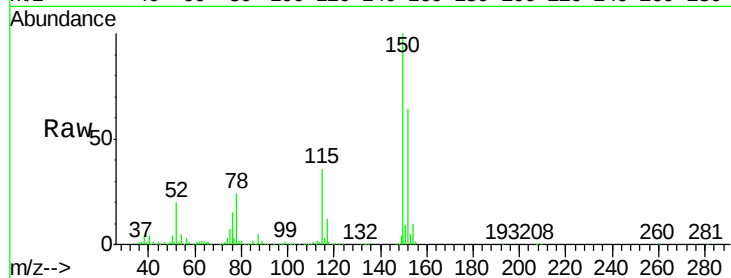
Tot Ion:152 Resp: 626605

Ion Ratio Lower Upper

152 100

115 55.8 28.7 86.1

150 156.7 0.0 351.0



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

