

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061818\
 Data File : VN049342.D
 Acq On : 18 Jun 2018 14:47
 Operator : MD\SY
 Sample : PB110313TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110313TB

Quant Time: Jun 19 02:21:54 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

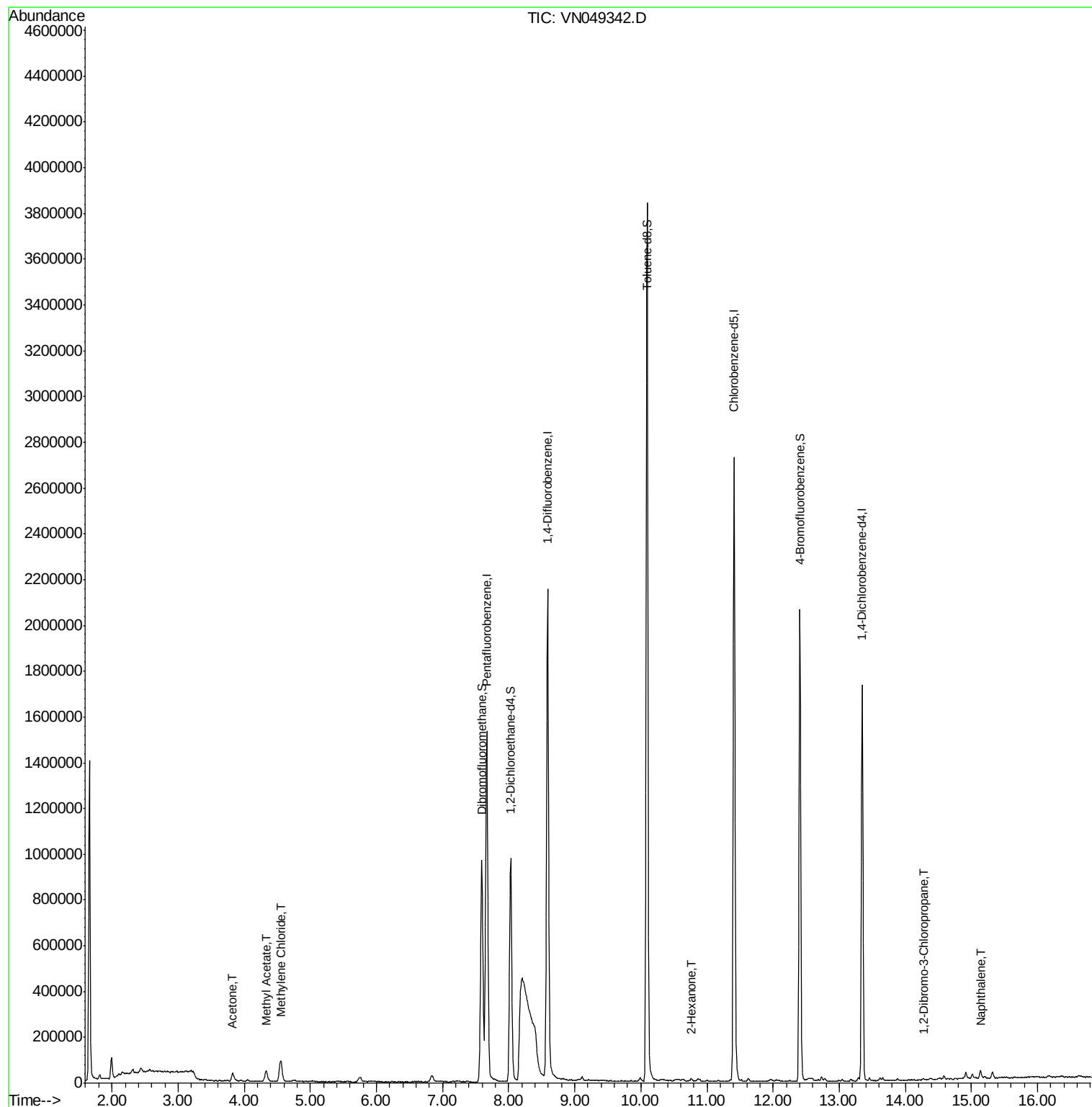
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1331905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2068805	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1700329	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	503574	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	844942	47.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.66%	
35) Dibromofluoromethane	7.59	113	747527	44.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.32%	
50) Toluene-d8	10.09	98	2815733	44.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.36%	
62) 4-Bromofluorobenzene	12.40	95	735708	34.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.82%	
Target Compounds						
16) Acetone	3.82	43	60007	13.990	ug/l	96
18) Methyl Acetate	4.33	43	91721	7.013	ug/l	94
20) Methylene Chloride	4.55	84	69224	3.864	ug/l	90
59) 2-Hexanone	10.76	43	9584	1.152	ug/l	85
92) 1,2-Dibromo-3-Chloropropan	14.27	75	1767	1.148	ug/l #	44
95) Naphthalene	15.14	128	26858	3.995	ug/l	96

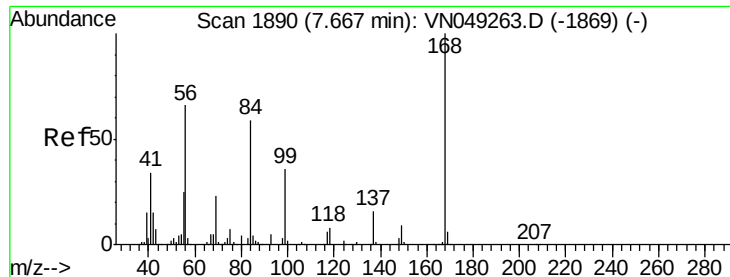
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061818\
Data File : VN049342.D
Acq On : 18 Jun 2018 14:47
Operator : MD\SY
Sample : PB110313TB
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB110313TB

Quant Time: Jun 19 02:21:54 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061618W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049342.D

Acq: 18 Jun 2018 14:47

Instrument :

MSVOA_N

ClientSampleId :

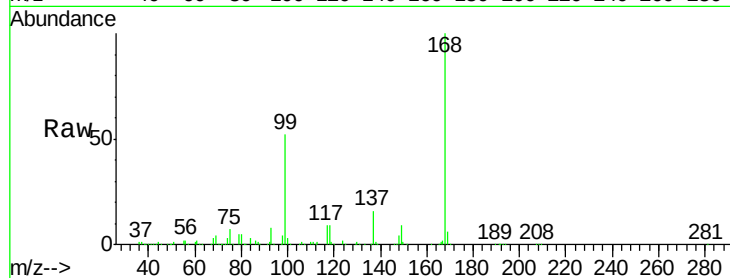
PB110313TB

Tot Ion:168 Resp: 1331905

Ion Ratio Lower Upper

168 100

99 51.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): VN049263.D (-1869) (-)

Ion 98.90 (98.60 to 99.60): VN049263.D (-1869) (-)

7.67

600000

500000

400000

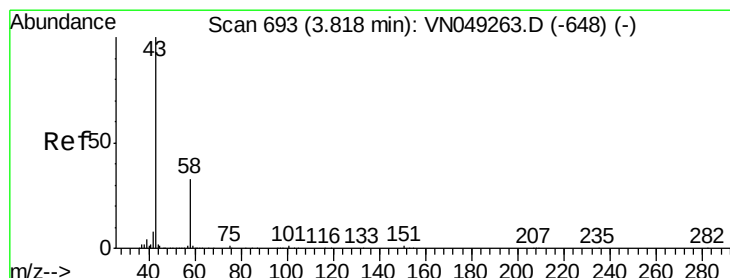
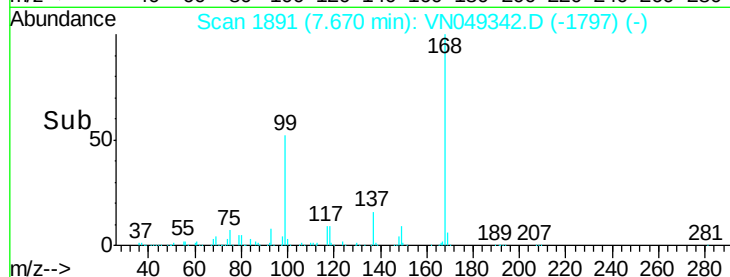
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 13.990 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049342.D

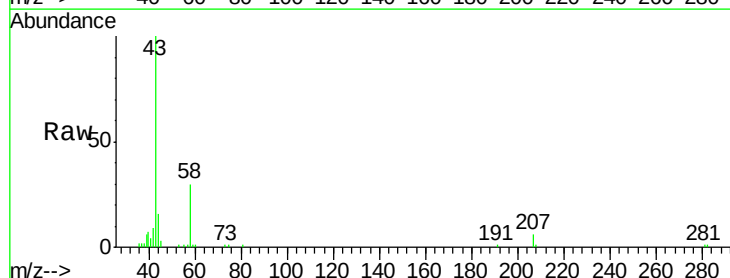
Acq: 18 Jun 2018 14:47

Tgt Ion: 43 Resp: 60007

Ion Ratio Lower Upper

43 100

58 30.0 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN049263.D (-648) (-)

Ion 58.00 (57.70 to 58.70): VN049263.D (-648) (-)

3.82

25000

20000

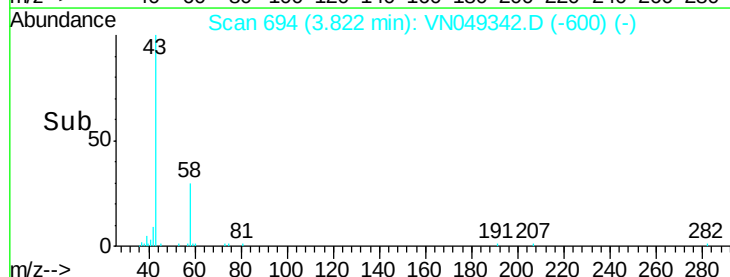
15000

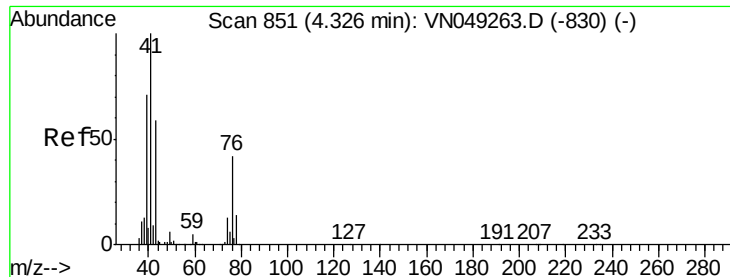
10000

5000

0

Time--> 3.70 3.80 3.90

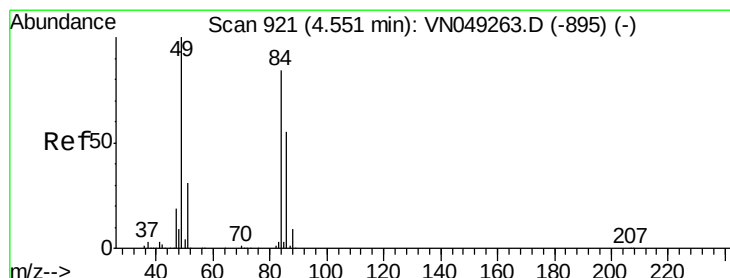
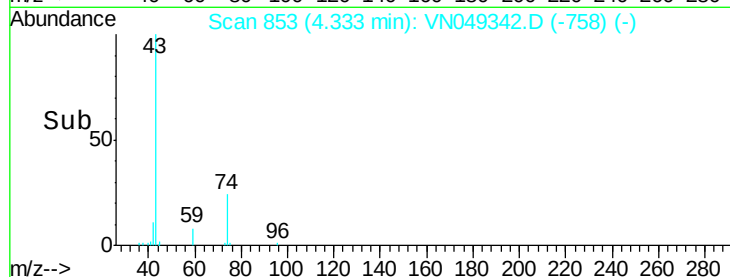
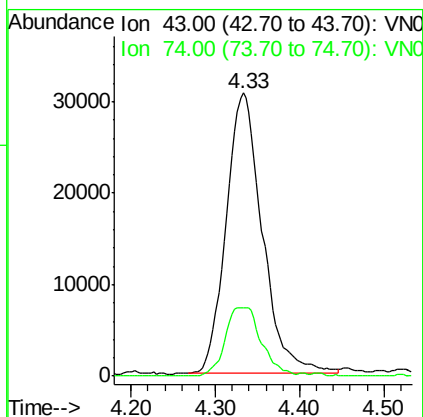
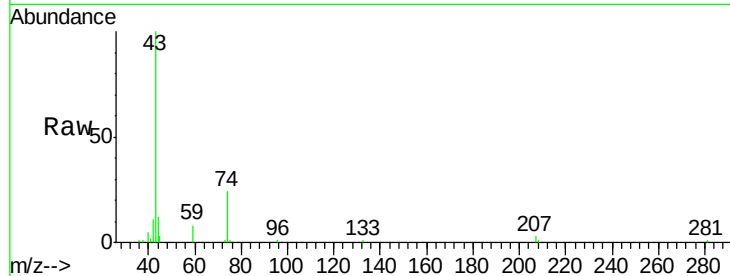




#18
Methvl Acetate
Concen: 7.013 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049342.D
Acq: 18 Jun 2018 14:47

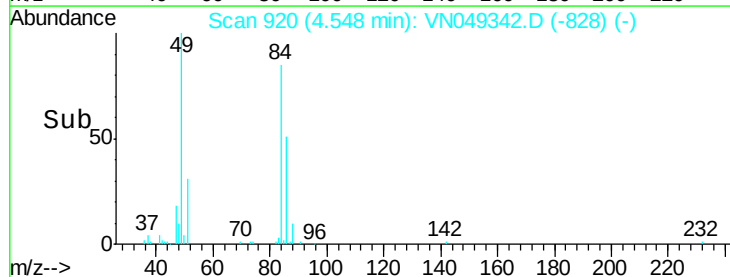
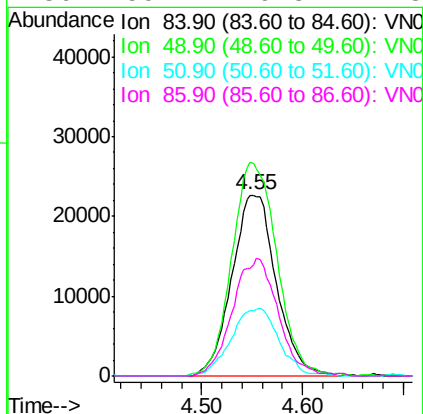
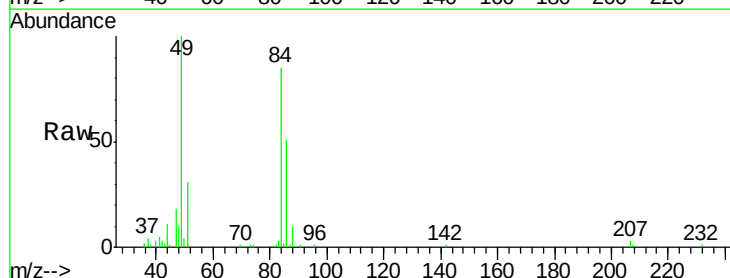
Instrument :
MSVOA_N
ClientSampled :
PB110313TB

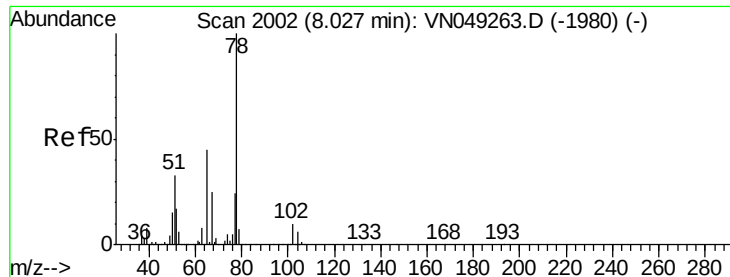
Tot Ion: 43 Resp: 91721
Ion Ratio Lower Upper
43 100
74 24.4 17.4 26.0



#20
Methylene Chloride
Concen: 3.864 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049342.D
Acq: 18 Jun 2018 14:47

Tgt Ion: 84 Resp: 69224
Ion Ratio Lower Upper
84 100
49 117.2 106.9 160.3
51 36.0 32.7 49.1
86 59.7 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 47.830 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049342.D

Acq: 18 Jun 2018 14:47

Instrument :

MSVOA_N

ClientSampleId :

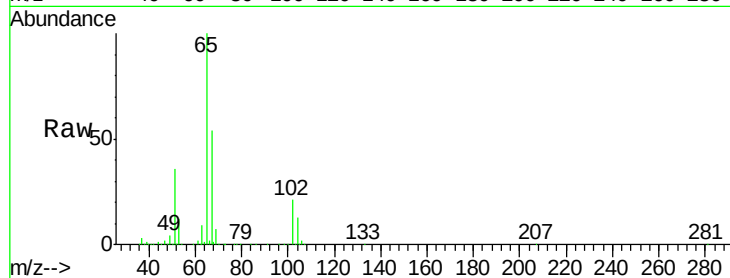
PB110313TB

Tot Ion: 65 Resp: 844942

Ion Ratio Lower Upper

65 100

67 54.2 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049342.D (-1980) (-)

Ion 66.90 (66.60 to 67.60): VN049342.D (-1980) (-)

8.03

400000

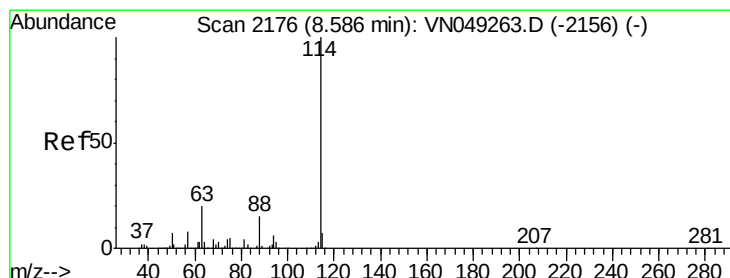
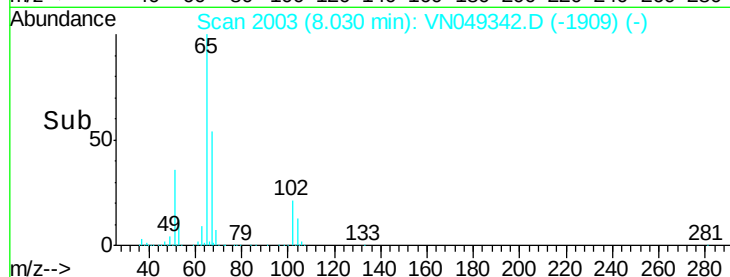
300000

200000

100000

0

Time--> 7.90 8.00 8.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049342.D

Acq: 18 Jun 2018 14:47

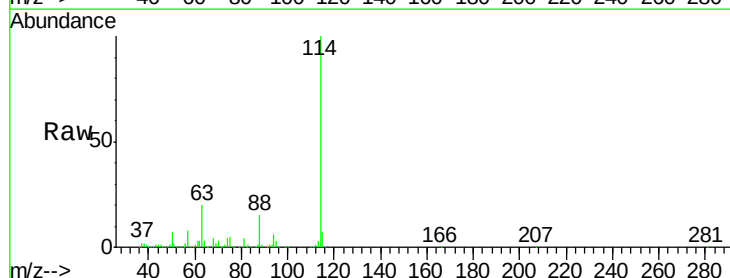
Tgt Ion:114 Resp: 2068805

Ion Ratio Lower Upper

114 100

63 19.9 0.0 44.4

88 15.4 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN049342.D (-2156) (-)

Ion 63.00 (62.70 to 63.70): VN049342.D (-2156) (-)

Ion 87.90 (87.60 to 88.60): VN049342.D (-2156) (-)

1200000

1000000

800000

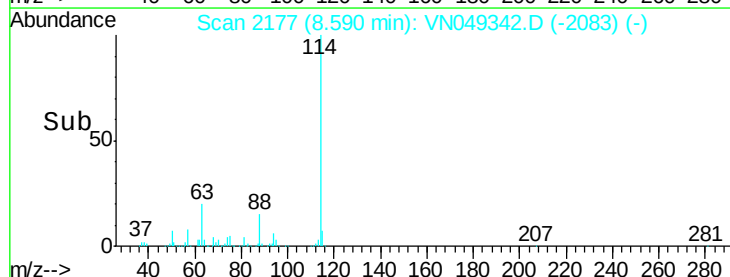
600000

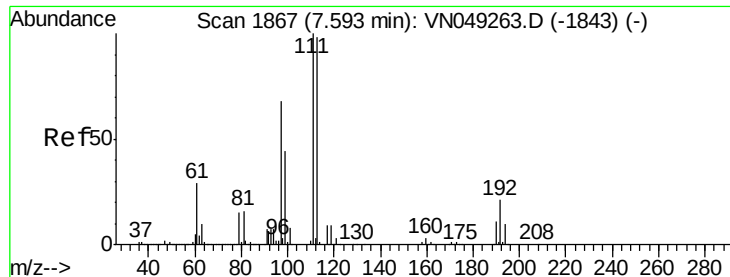
400000

200000

0

Time--> 8.50 8.60 8.70





#35

Dibromofluoromethane

Concen: 44.662 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049342.D

Acq: 18 Jun 2018 14:47

Instrument :

MSVOA_N

ClientSampleId :

PB110313TB

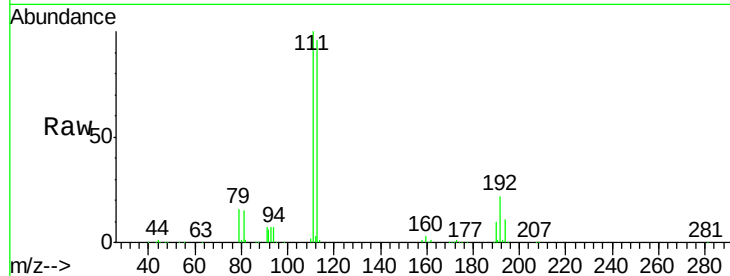
Tot Ion:113 Resp: 747527

Ion Ratio Lower Upper

113 100

111 102.5 82.4 123.6

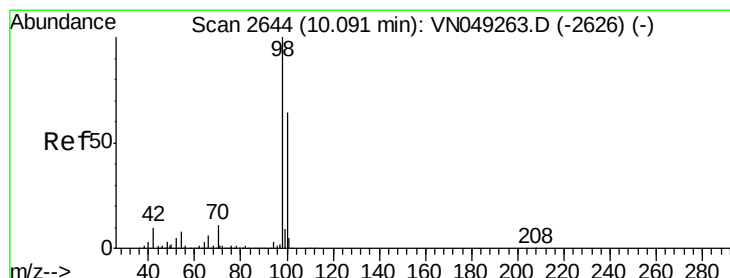
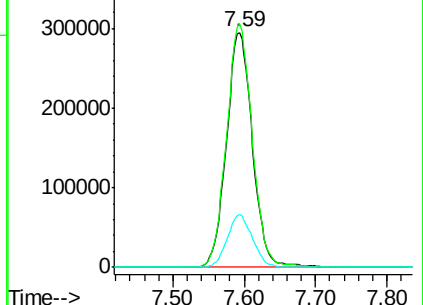
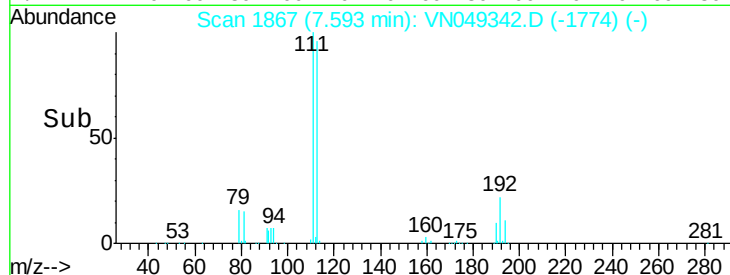
192 21.9 15.0 22.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 44.182 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049342.D

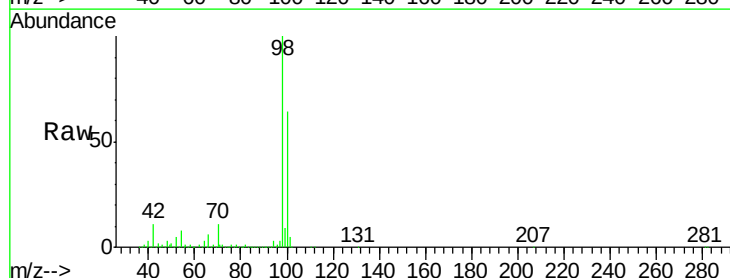
Acq: 18 Jun 2018 14:47

Tgt Ion: 98 Resp: 2815733

Ion Ratio Lower Upper

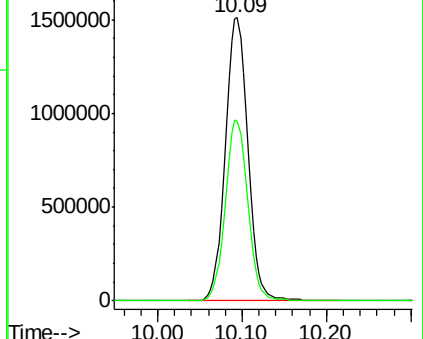
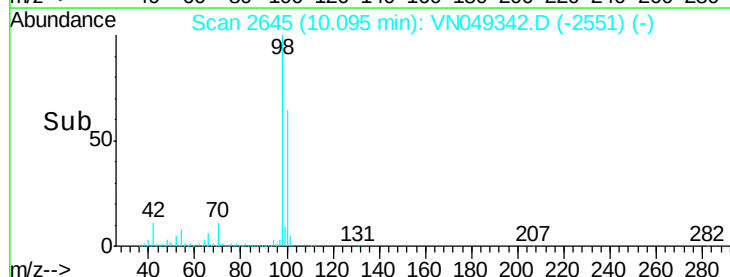
98 100

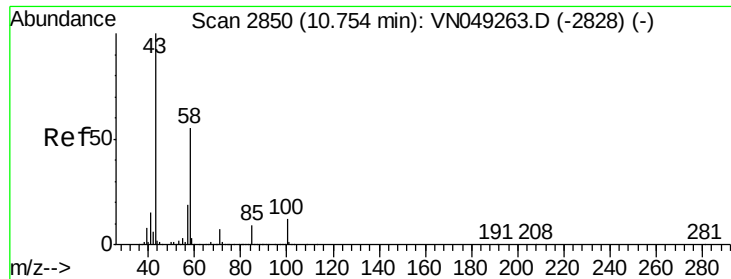
100 63.5 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V





#59

2-Hexanone

Concen: 1.152 ug/l

RT: 10.76 min Scan# 2852

Delta R.T. 0.01 min

Lab File: VN049342.D

Acq: 18 Jun 2018 14:47

Instrument :

MSVOA_N

ClientSampled :

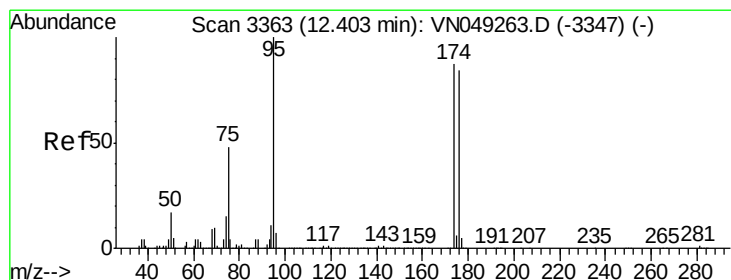
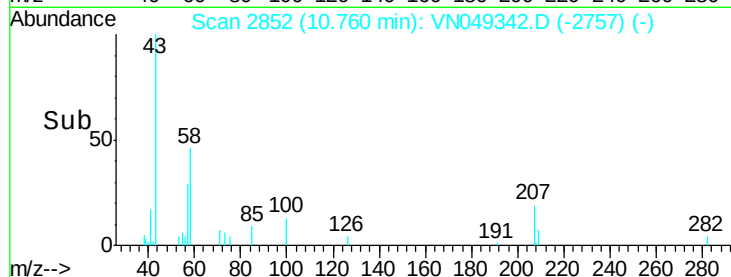
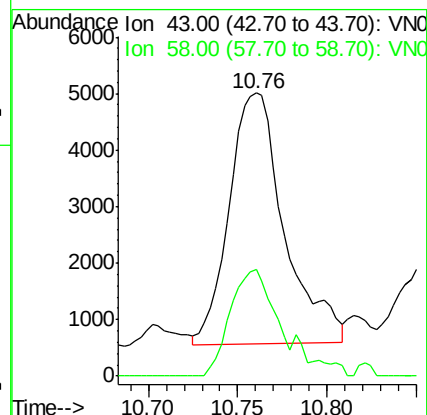
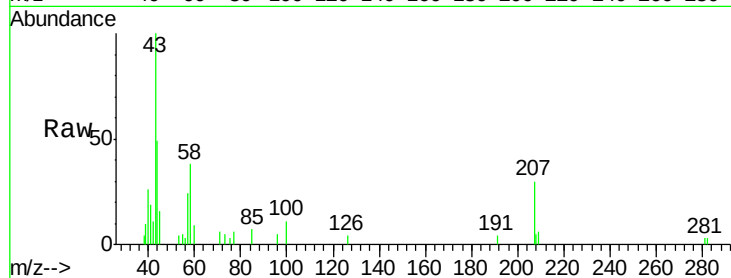
PB110313TB

Tot Ion: 43 Resp: 9584

Ion Ratio Lower Upper

43 100

58 39.8 25.2 75.6



#62

4-Bromofluorobenzene

Concen: 34.913 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049342.D

Acq: 18 Jun 2018 14:47

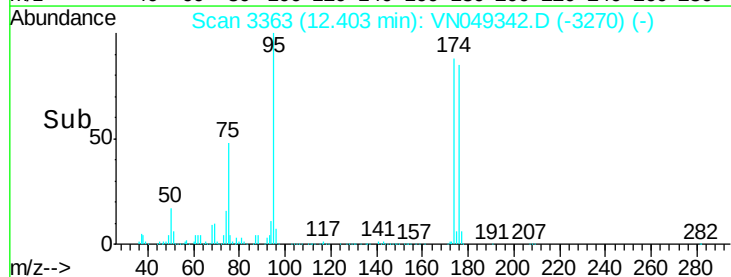
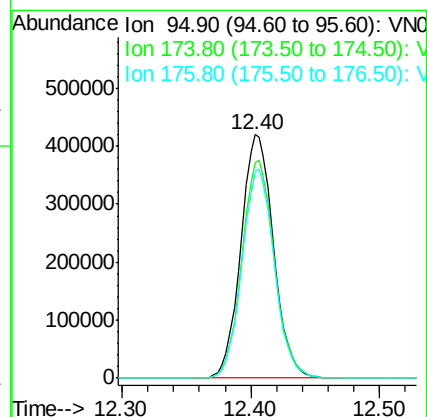
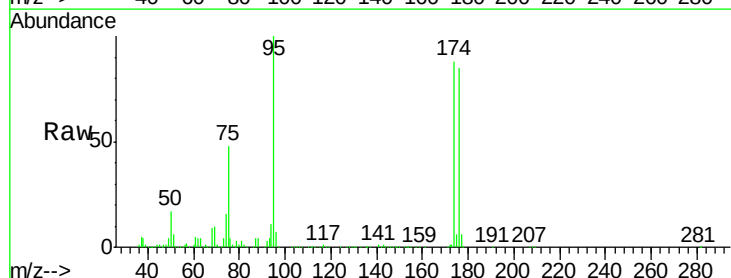
Tgt Ion: 95 Resp: 735708

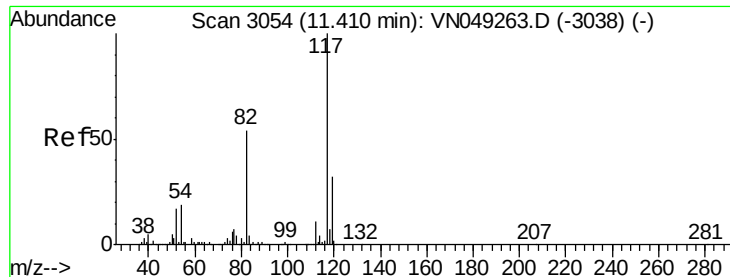
Ion Ratio Lower Upper

95 100

174 89.4 0.0 165.6

176 85.5 0.0 157.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049342.D

Acq: 18 Jun 2018 14:47

Instrument :

MSVOA_N

ClientSampleId :

PB110313TB

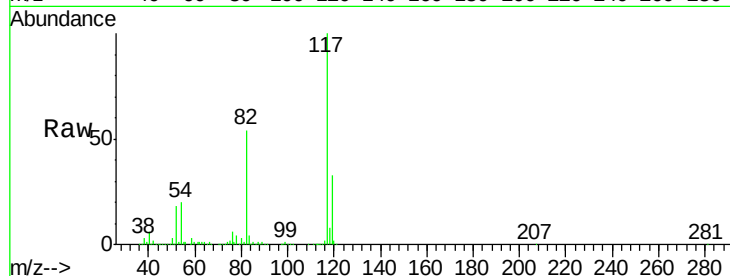
Tot Ion:117 Resp: 1700329

Ion Ratio Lower Upper

117 100

82 54.1 45.9 68.9

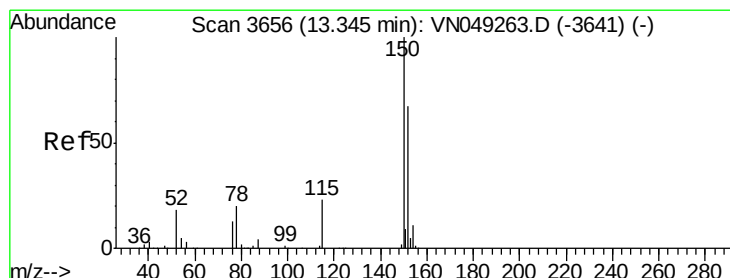
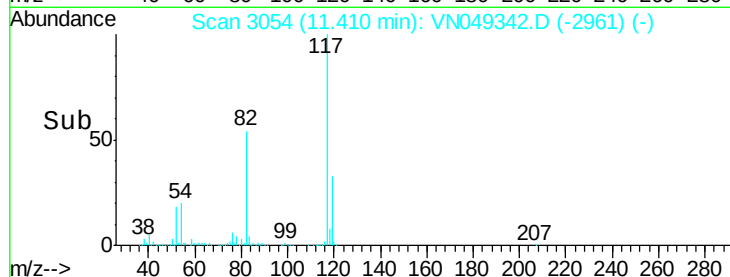
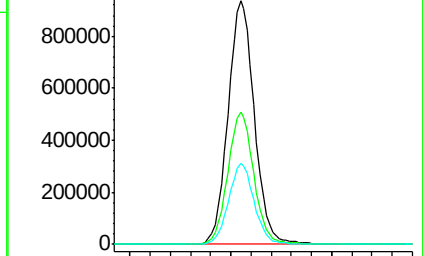
119 33.4 25.5 38.3



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: 50.000 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049342.D

Acq: 18 Jun 2018 14:47

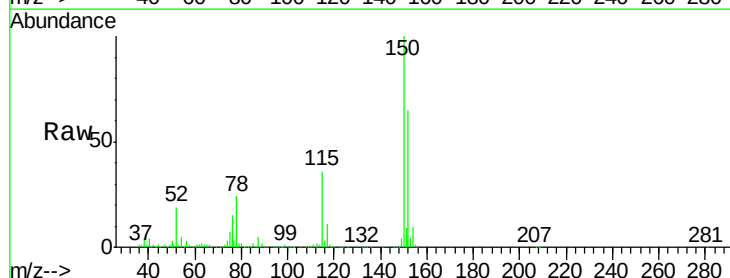
Tgt Ion:152 Resp: 503574

Ion Ratio Lower Upper

152 100

115 56.6 28.7 86.1

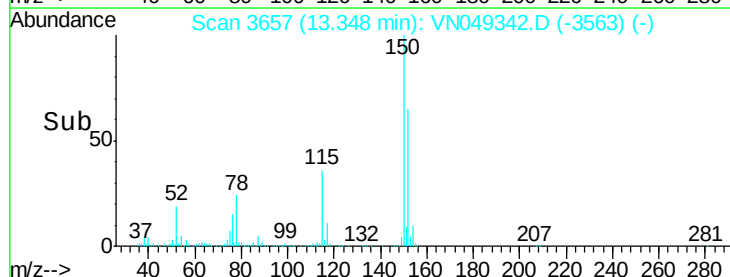
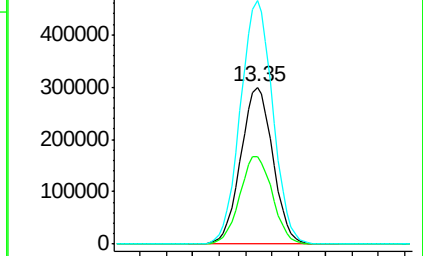
150 156.5 0.0 351.0

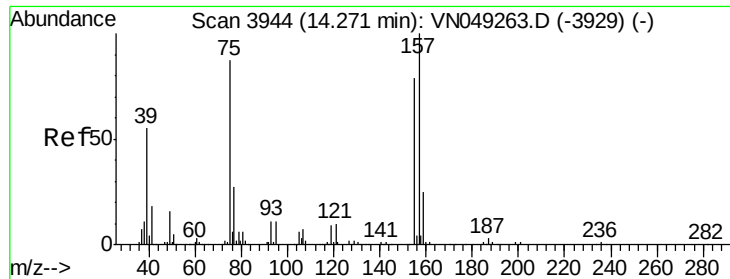


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.148 ug/l

RT: 14.27 min Scan# 3945

Delta R.T. 0.00 min

Lab File: VN049342.D

Acq: 18 Jun 2018 14:47

Instrument :

MSVOA_N

ClientSampled :

PB110313TB

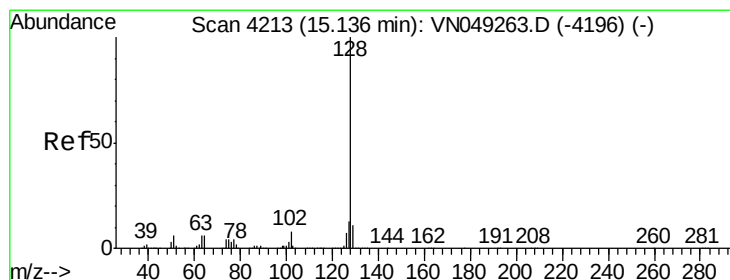
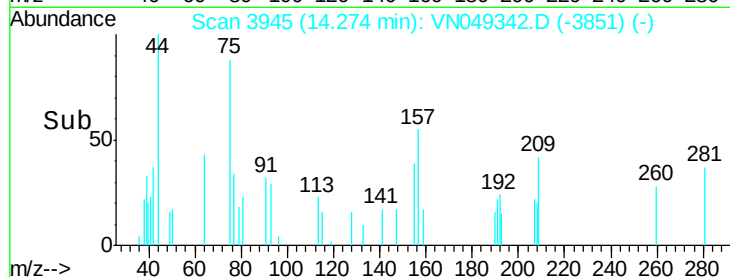
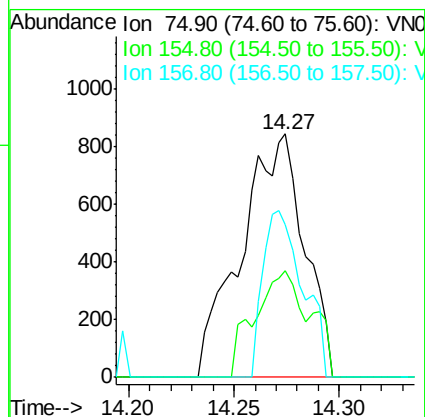
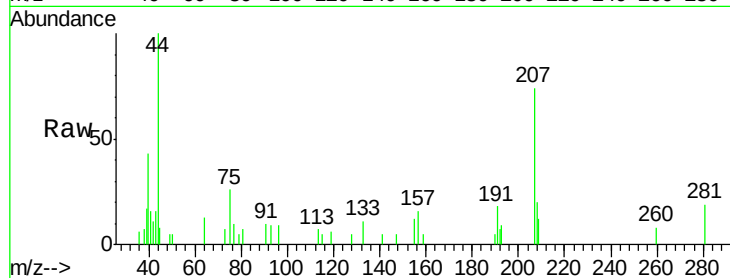
Tot Ion: 75 Resp: 1767

Ion Ratio Lower Upper

75 100

155 31.1 38.8 116.3#

157 43.2 51.0 153.1#



#95

Naphthalene

Concen: 3.995 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049342.D

Acq: 18 Jun 2018 14:47

Tgt Ion: 128 Resp: 26858

Ion Ratio Lower Upper

128 100

127 14.3 10.6 16.0

129 12.6 8.5 12.7

