

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071718\
 Data File : VN049852.D
 Acq On : 17 Jul 2018 17:52
 Operator : MD\SY
 Sample : PB111173TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111173TB

Quant Time: Jul 18 11:37:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N071718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 17 13:20:18 2018
 Response via : Initial Calibration

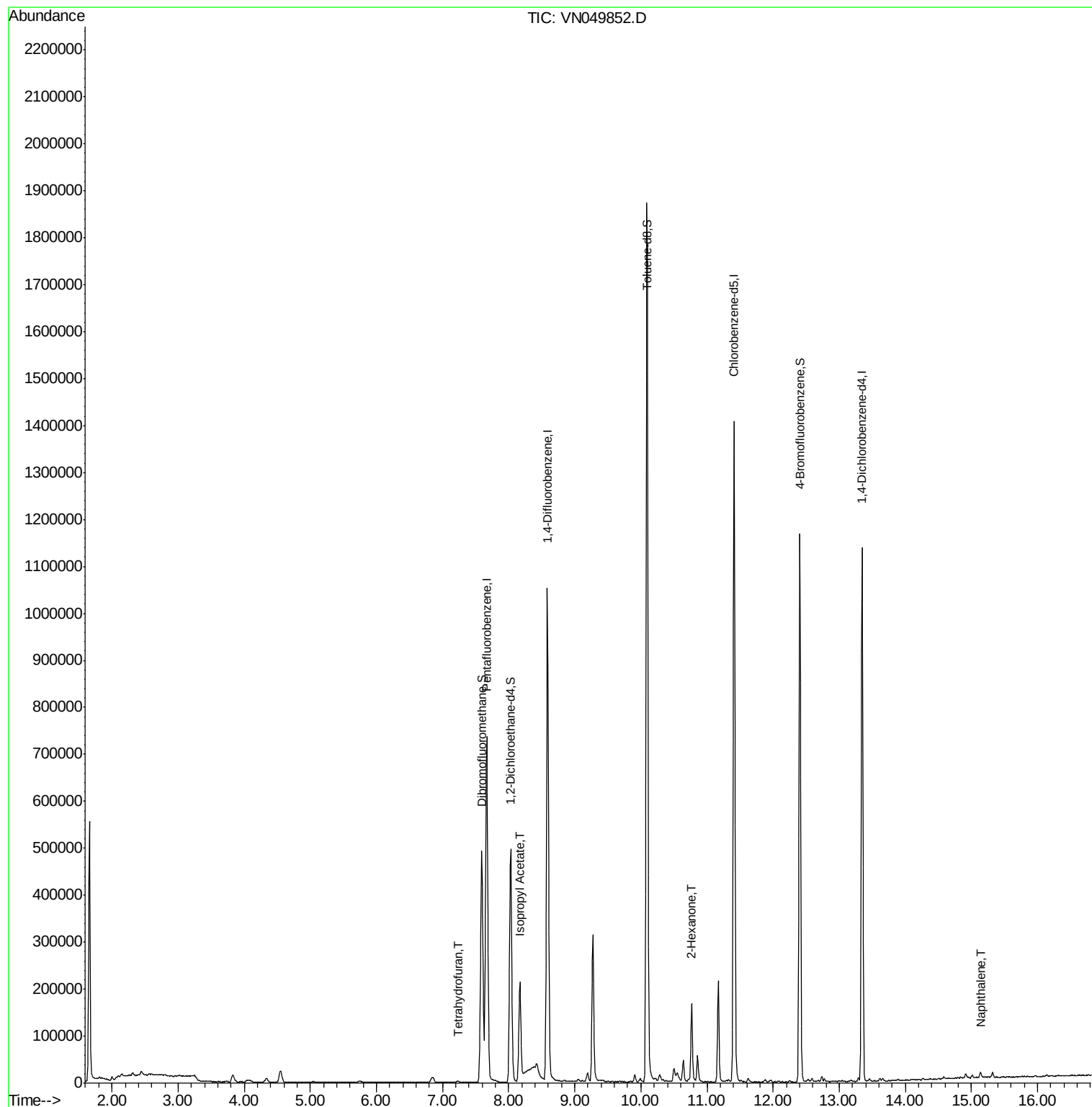
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	632726	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	971244	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	849469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	322395	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	427288	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.84%	
35) Dibromofluoromethane	7.59	113	373484	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
50) Toluene-d8	10.09	98	1355363	47.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.84%	
62) 4-Bromofluorobenzene	12.40	95	386841	40.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.68%	
Target Compounds						
29) Tetrahydrofuran	7.22	42	2351	1.06	ug/l #	75
43) Isopropyl Acetate	8.17	43	256266	19.65	ug/l	97
59) 2-Hexanone	10.77	43	25359	4.82	ug/l #	57
95) Naphthalene	15.14	128	10391	3.53	ug/l	99

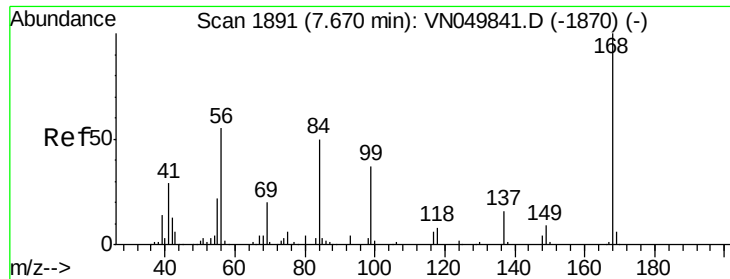
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 17 13:20:18 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN049852.D

Acq: 17 Jul 2018 17:52

Instrument :

MSVOA_N

ClientSampleId :

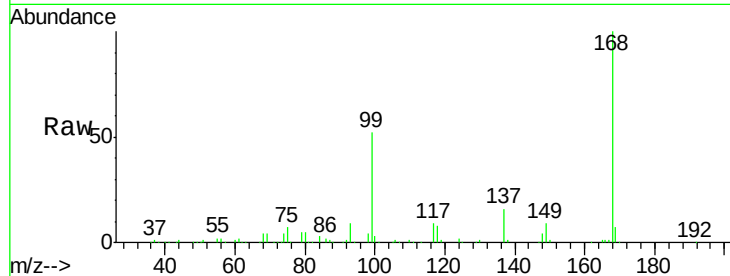
PB111173TB

Tot Ion:168 Resp: 632726

Ion Ratio Lower Upper

168 100

99 51.6 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): VN049841.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN049841.D (-1870) (-)

7.67

250000

200000

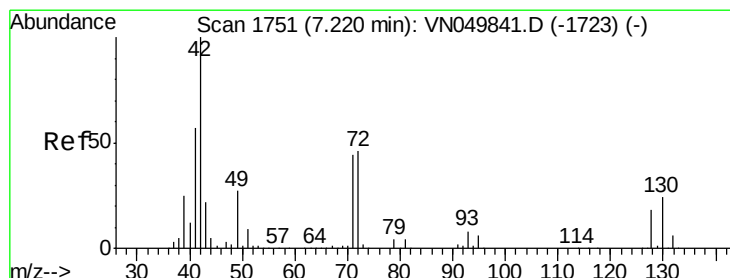
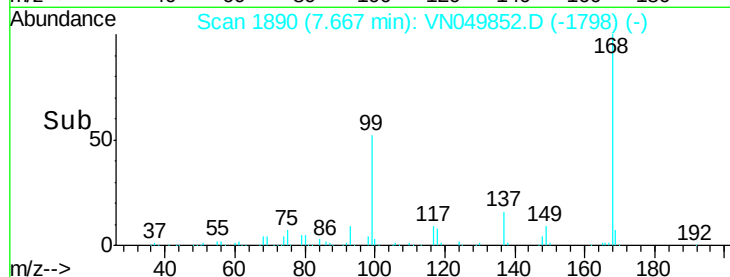
150000

100000

50000

0

Time-->



#29

Tetrahydrofuran

Concen: 1.06 ug/l

RT: 7.22 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VN049852.D

Acq: 17 Jul 2018 17:52

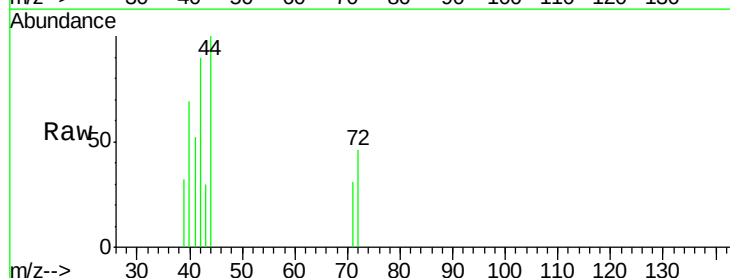
Tgt Ion: 42 Resp: 2351

Ion Ratio Lower Upper

42 100

72 41.5 35.6 53.4

71 13.1 34.0 51.0#



Abundance Ion 42.00 (41.70 to 42.70): VN049841.D (-1723) (-)

Ion 72.00 (71.70 to 72.70): VN049841.D (-1723) (-)

Ion 71.00 (70.70 to 71.70): VN049841.D (-1723) (-)

7.22

1200

1000

800

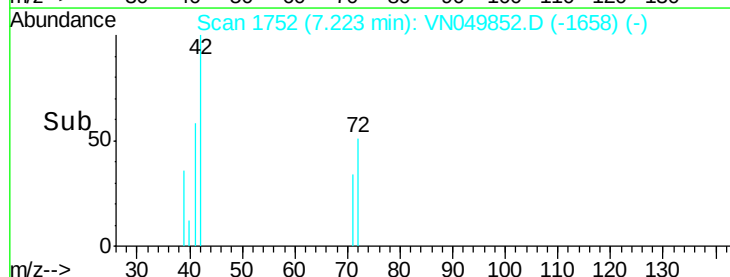
600

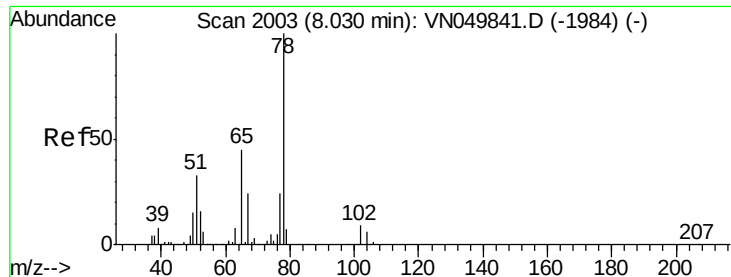
400

200

0

Time-->

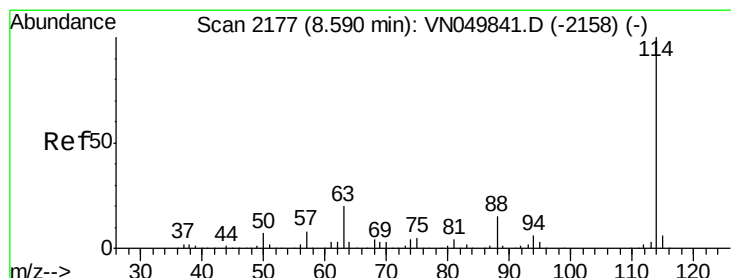
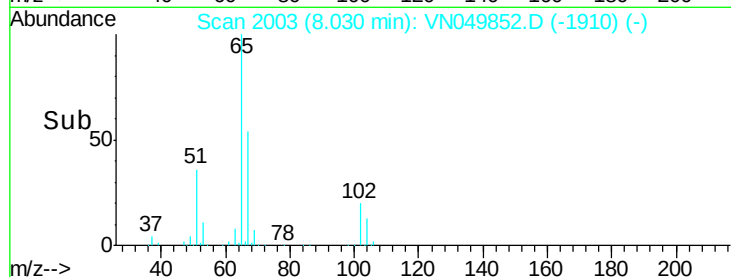
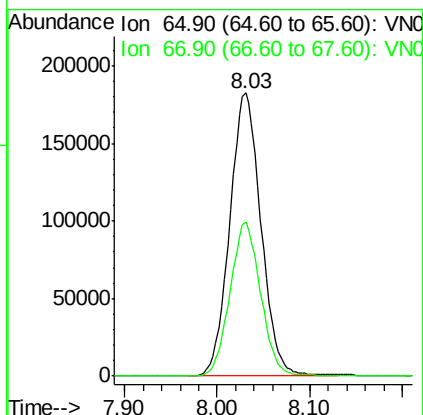
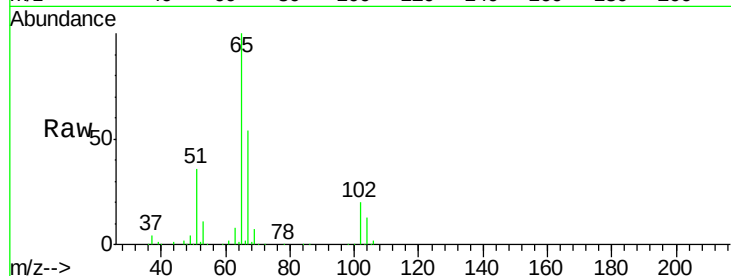




#33
 1,2-Dichloroethane-d4
 Concen: 50.42 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049852.D
 Acq: 17 Jul 2018 17:52

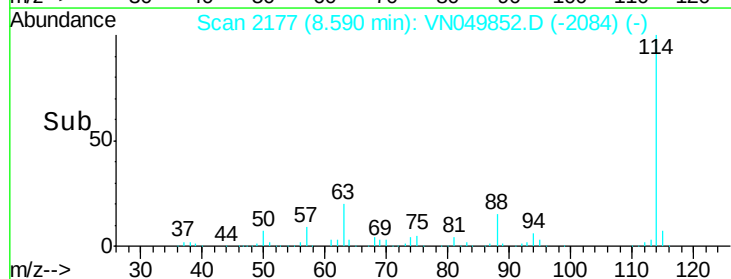
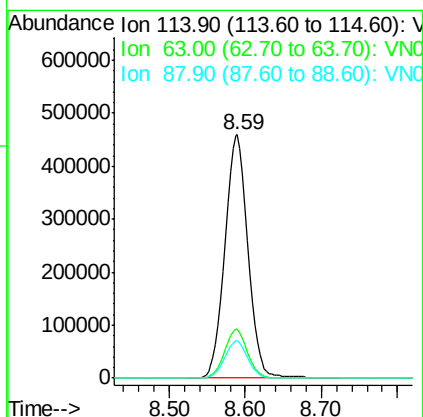
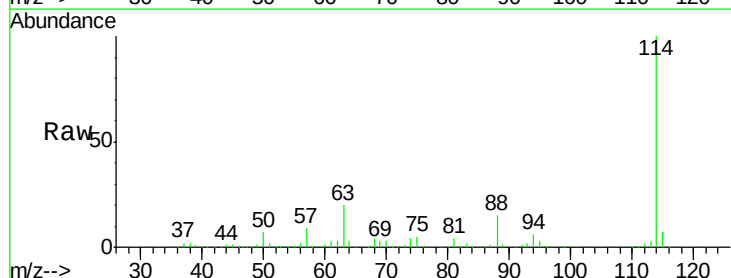
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111173TB

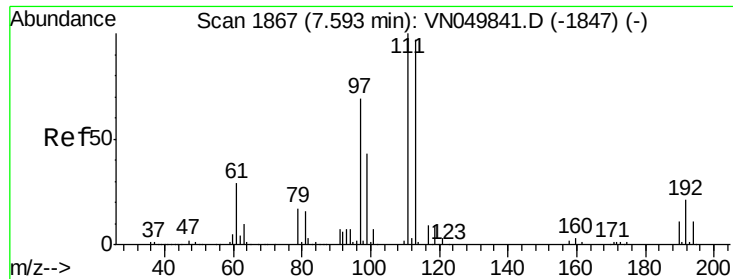
Tot Ion: 65 Resp: 427288
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049852.D
 Acq: 17 Jul 2018 17:52

Tgt Ion: 114 Resp: 971244
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.8
 88 15.5 0.0 30.6

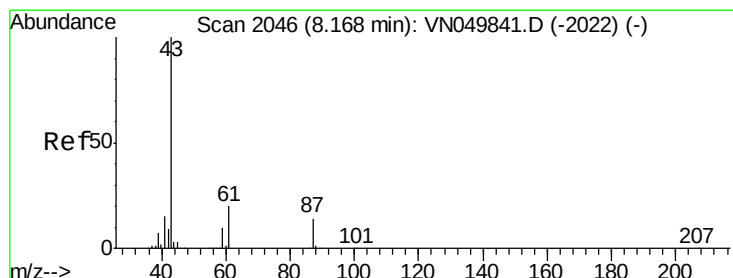
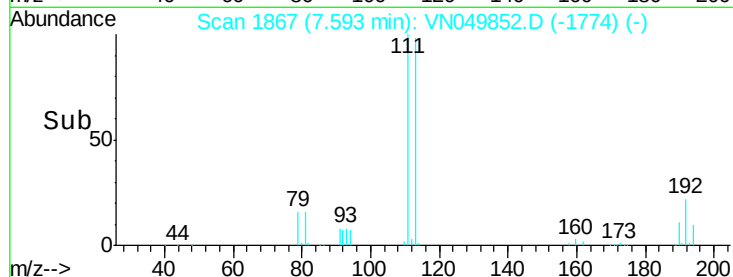
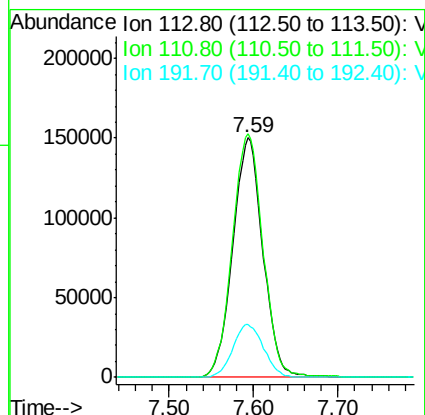
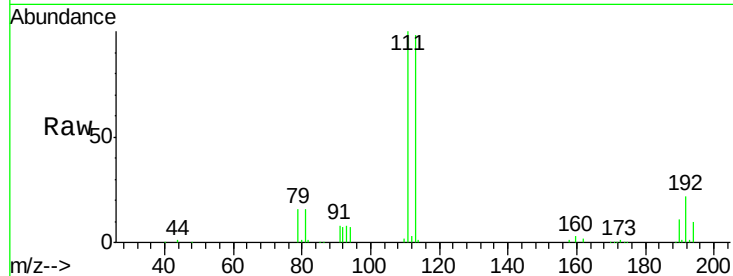




#35
 Dibromofluoromethane
 Concen: 48.48 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049852.D
 Acq: 17 Jul 2018 17:52

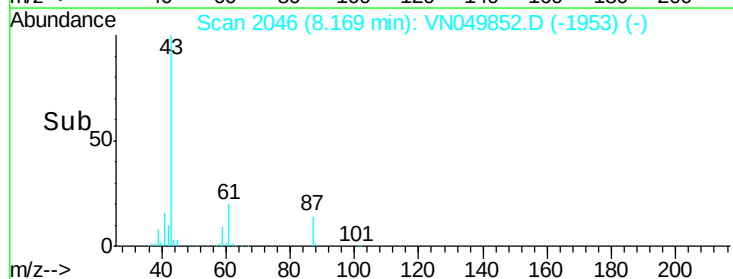
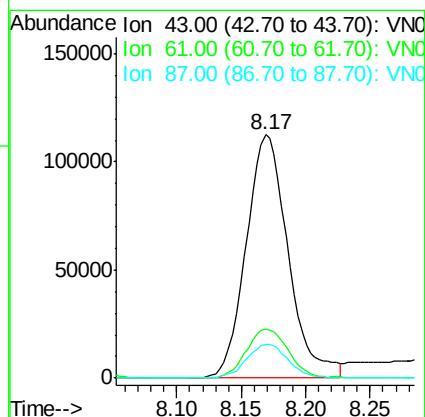
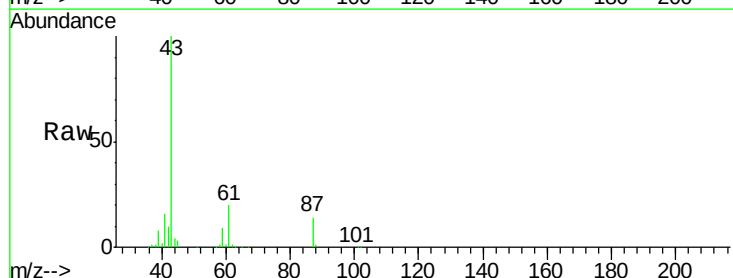
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111173TB

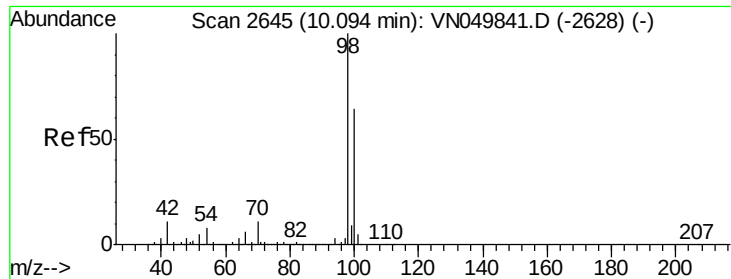
Tot Ion:113 Resp: 373484
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.8 122.8
 192 22.5 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 19.65 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN049852.D
 Acq: 17 Jul 2018 17:52

Tgt Ion: 43 Resp: 256266
 Ion Ratio Lower Upper
 43 100
 61 20.1 14.9 22.3
 87 13.6 10.0 15.0





#50

Toluene-d8

Concen: 47.92 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN049852.D

Acq: 17 Jul 2018 17:52

Instrument :

MSVOA_N

ClientSampled :

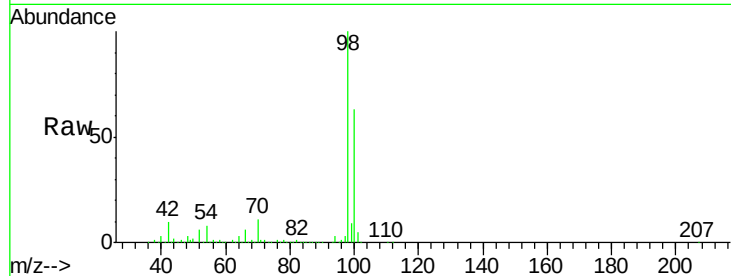
PB111173TB

Tot Ion: 98 Resp: 1355363

Ion Ratio Lower Upper

98 100

100 62.9 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN049841.D (-2628) (-)

Ion 100.00 (99.70 to 100.70): VN049841.D (-2628) (-)

10.09

800000

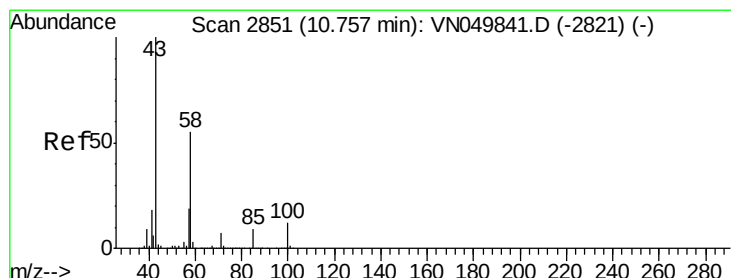
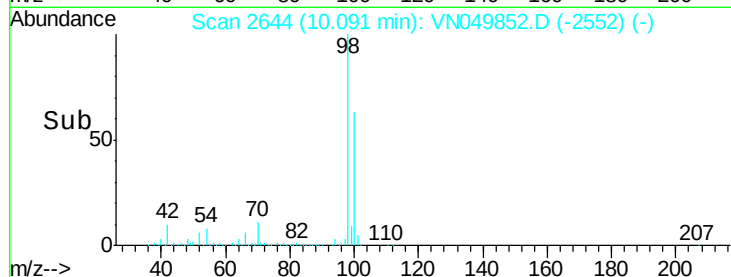
600000

400000

200000

0

Time-->



#59

2-Hexanone

Concen: 4.82 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN049852.D

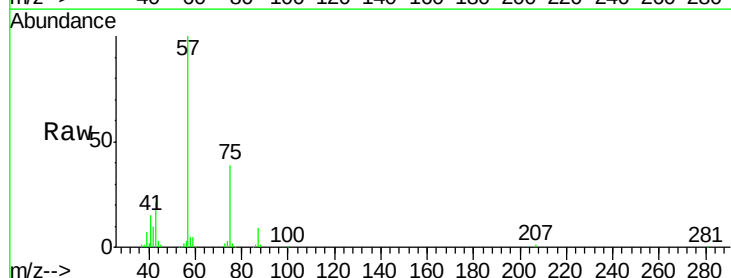
Acq: 17 Jul 2018 17:52

Tgt Ion: 43 Resp: 25359

Ion Ratio Lower Upper

43 100

58 24.6 27.8 83.4#



Abundance Ion 43.00 (42.70 to 43.70): VN049841.D (-2821) (-)

Ion 58.00 (57.70 to 58.70): VN049841.D (-2821) (-)

10.77

25000

20000

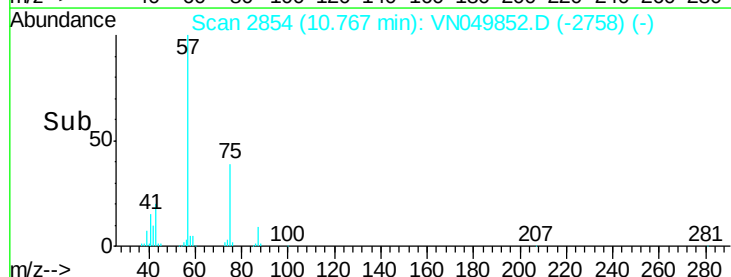
15000

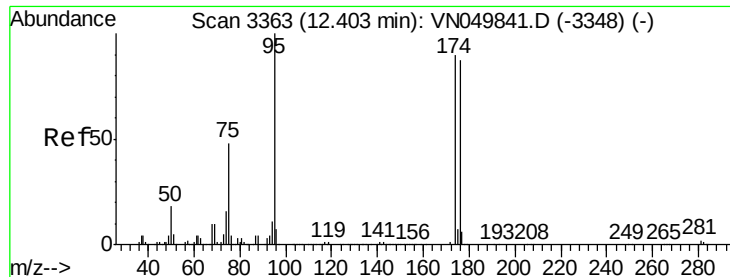
10000

5000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 40.84 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049852.D

Acq: 17 Jul 2018 17:52

Instrument :

MSVOA_N

ClientSampleId :

PB111173TB

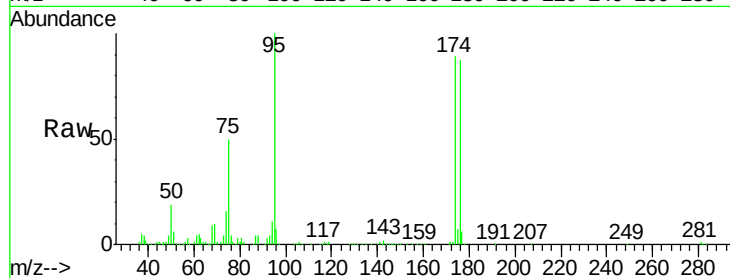
Tot Ion: 95 Resp: 386841

Ion Ratio Lower Upper

95 100

174 89.5 0.0 179.6

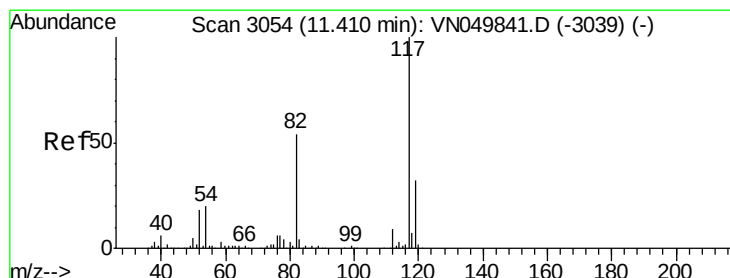
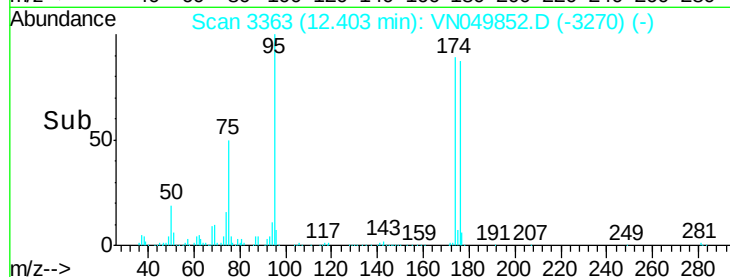
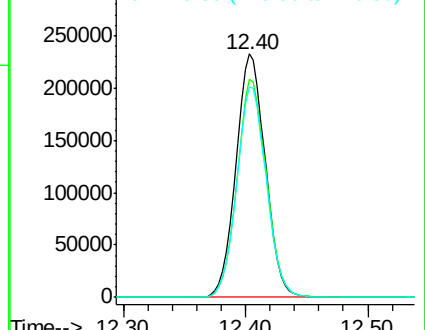
176 87.0 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN049841.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN049841.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN049841.D (-3348) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049852.D

Acq: 17 Jul 2018 17:52

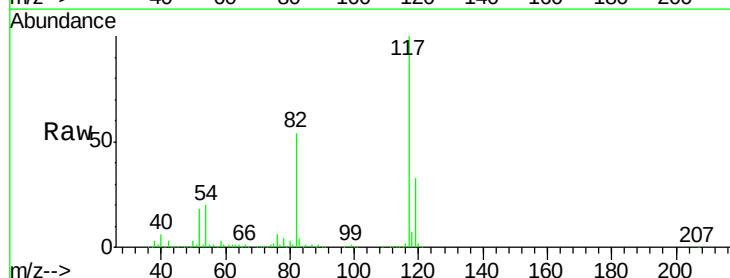
Tgt Ion: 117 Resp: 849469

Ion Ratio Lower Upper

117 100

82 54.1 41.9 62.9

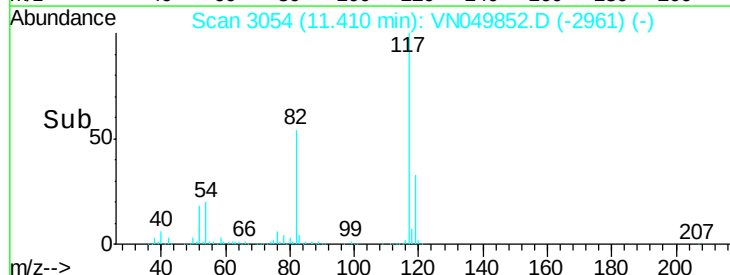
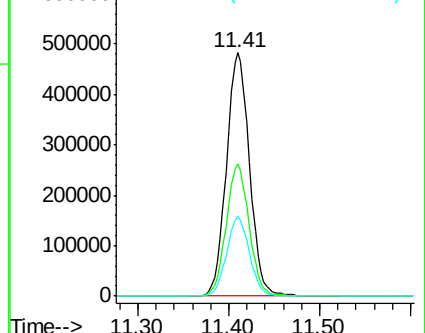
119 32.7 25.4 38.2

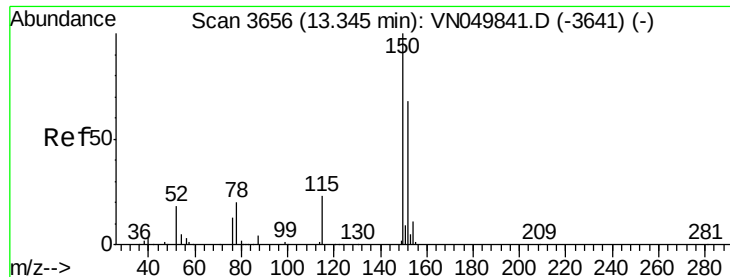


Abundance Ion 116.90 (116.60 to 117.60): VN049841.D (-3039) (-)

Ion 82.00 (81.70 to 82.70): VN049841.D (-3039) (-)

Ion 118.90 (118.60 to 119.60): VN049841.D (-3039) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049852.D

Acq: 17 Jul 2018 17:52

Instrument :

MSVOA_N

ClientSampled :

PB111173TB

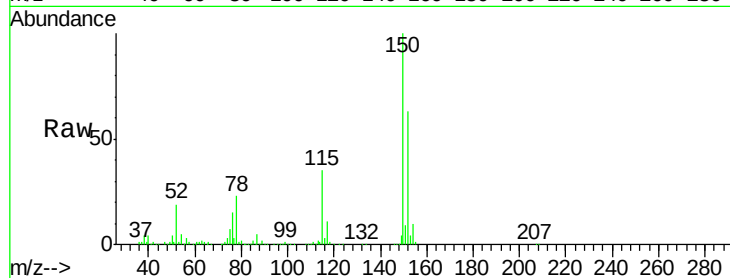
Tot Ion:152 Resp: 322395

Ion Ratio Lower Upper

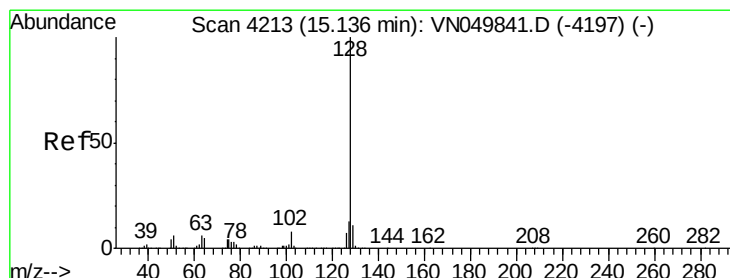
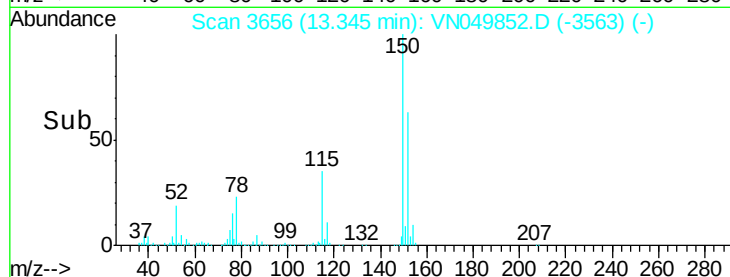
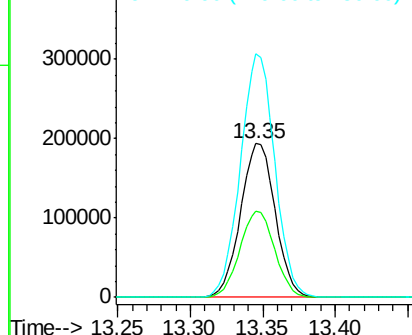
152 100

115 56.3 28.1 84.2

150 156.9 0.0 347.6



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



#95

Naphthalene

Concen: 3.53 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049852.D

Acq: 17 Jul 2018 17:52

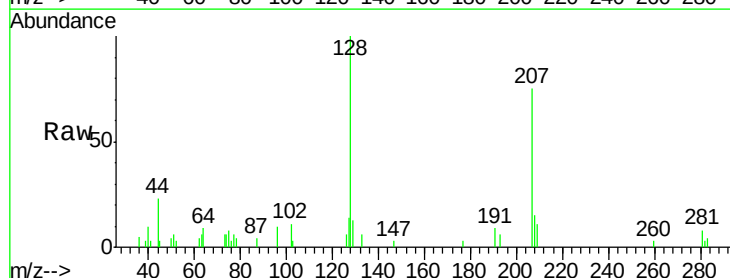
Tgt Ion:128 Resp: 10391

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 11.3 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

