

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061918\
 Data File : VN049426.D
 Acq On : 20 Jun 2018 9:36
 Operator : MD\SY
 Sample : J3573-10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-48-COMP

Quant Time: Jun 20 11:42:09 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

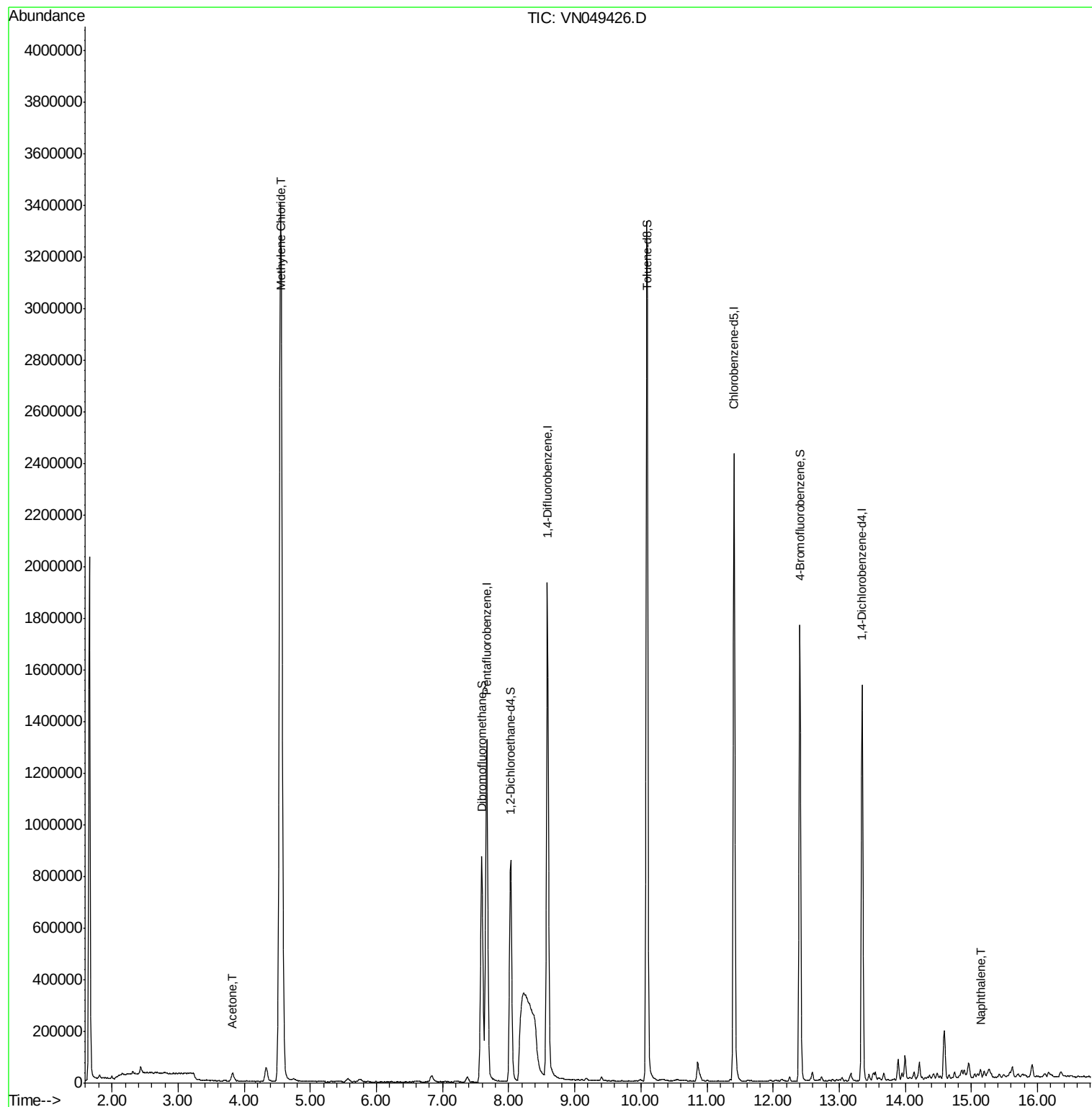
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1124426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1810484	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1468911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	451025	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	761181	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.08%	
35) Dibromofluoromethane	7.59	113	672548	45.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.84%	
50) Toluene-d8	10.09	98	2435315	43.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.32%	
62) 4-Bromofluorobenzene	12.40	95	633858	34.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.74%	
Target Compounds						
16) Acetone	3.82	43	51607	14.252	ug/l	97
20) Methylene Chloride	4.55	84	2650485	175.255	ug/l	92
95) Naphthalene	15.14	128	24640	4.041	ug/l	99

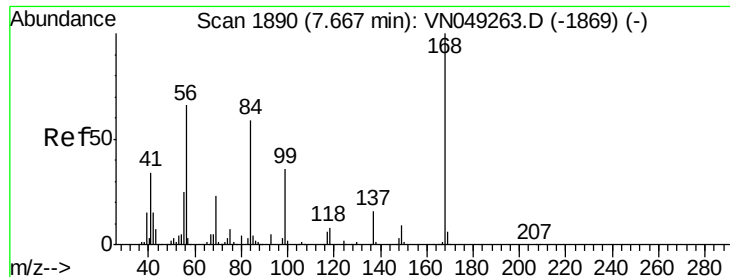
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

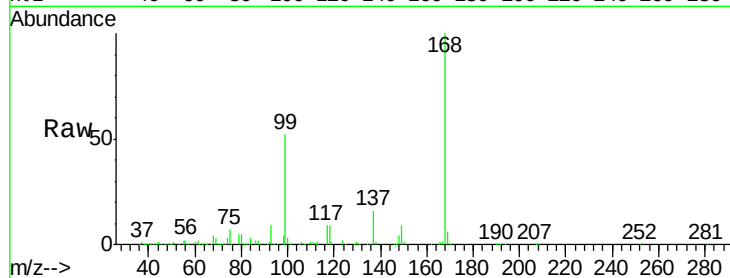
SB-48-COMP

Tot Ion:168 Resp: 1124426

Ion Ratio Lower Upper

168 100

99 51.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

500000

400000

300000

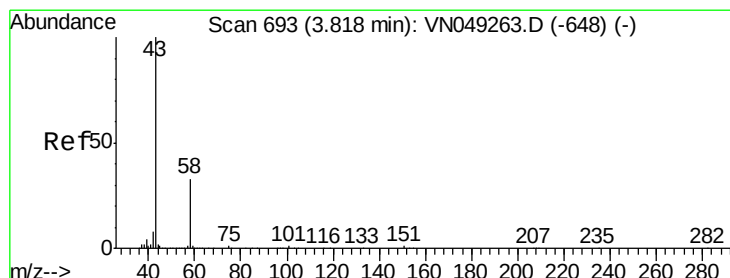
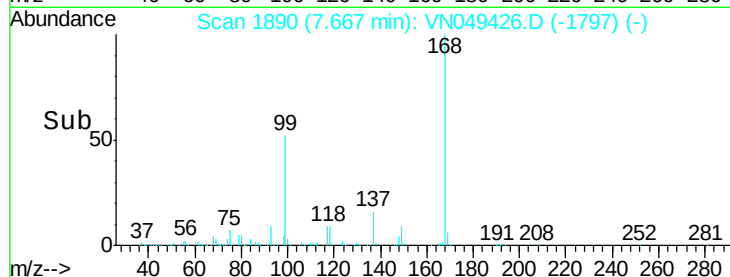
200000

100000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 14.252 ug/l

RT: 3.82 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN049426.D

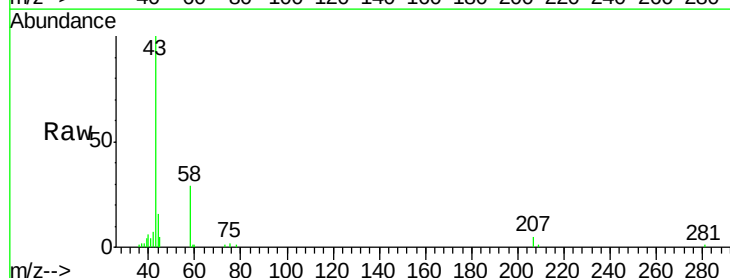
Acq: 20 Jun 2018 9:36

Tgt Ion: 43 Resp: 51607

Ion Ratio Lower Upper

43 100

58 29.3 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

20000

15000

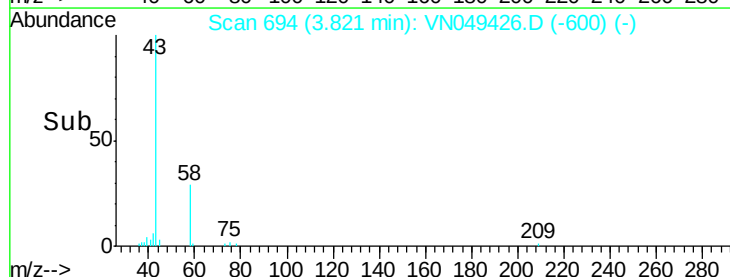
10000

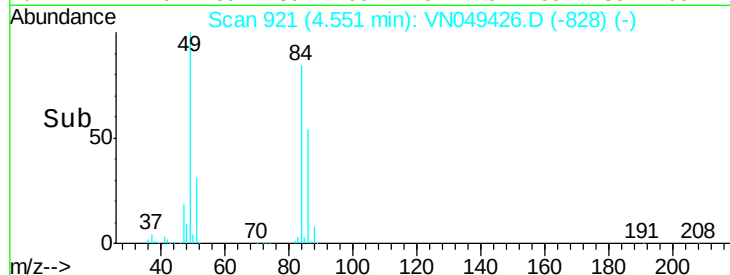
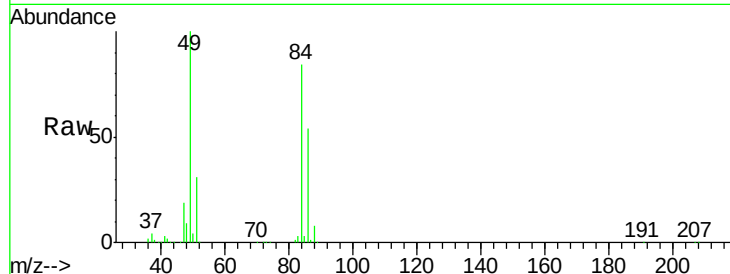
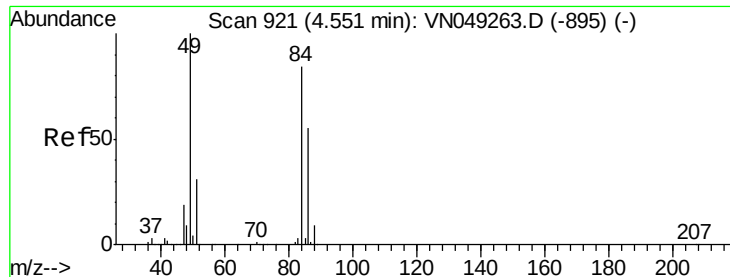
5000

0

3.75 3.80 3.85 3.90

Time-->

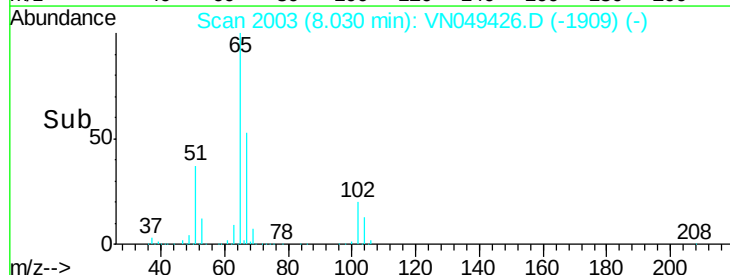
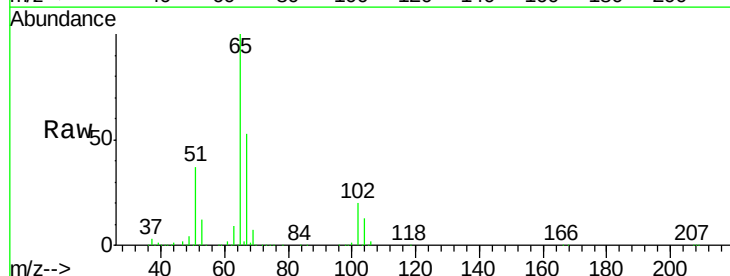
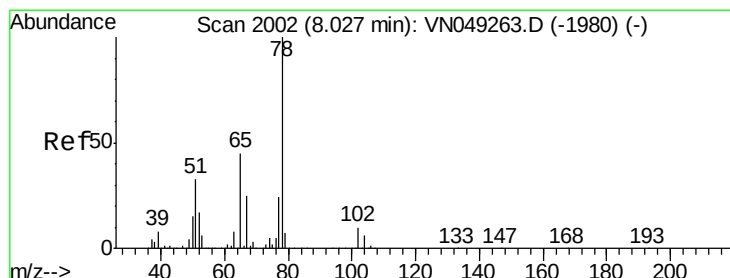
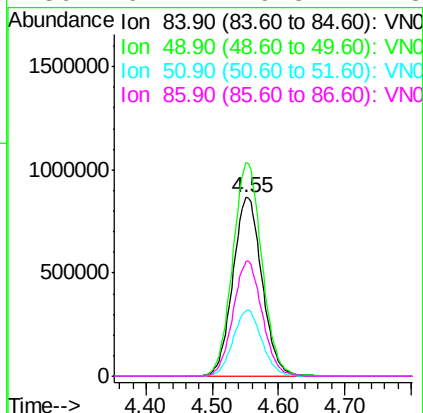




#20
Methylene Chloride
Concen: 175.255 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN049426.D
Acq: 20 Jun 2018 9:36

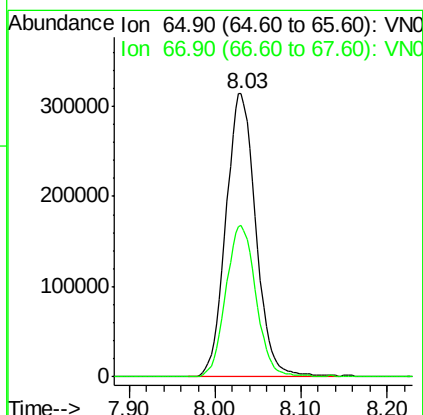
Instrument :
MSVOA_N
ClientSampled :
SB-48-COMP

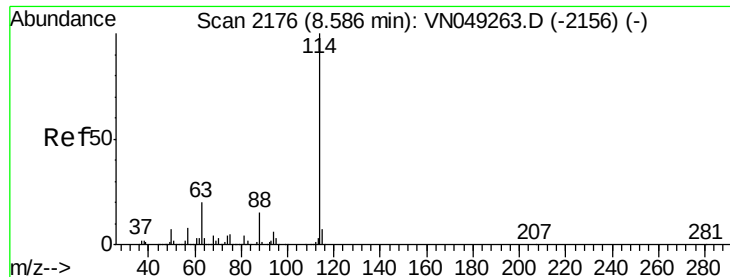
Tot Ion: 84 Resp: 2650485
Ion Ratio Lower Upper
84 100
49 119.5 106.9 160.3
51 36.8 32.7 49.1
86 64.1 49.8 74.8



#33
1,2-Dichloroethane-d4
Concen: 51.039 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049426.D
Acq: 20 Jun 2018 9:36

Tgt Ion: 65 Resp: 761181
Ion Ratio Lower Upper
65 100
67 53.6 0.0 103.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049426.D

Acq: 20 Jun 2018 9:36

Instrument :

MSVOA_N

ClientSampled :

SB-48-COMP

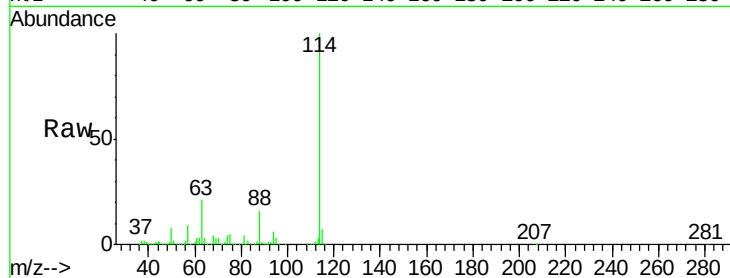
Tot Ion:114 Resp: 1810484

Ion Ratio Lower Upper

114 100

63 20.7 0.0 44.4

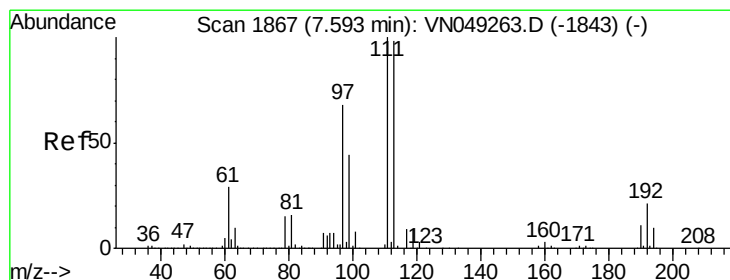
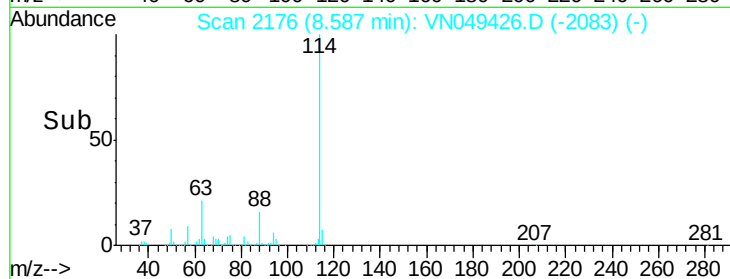
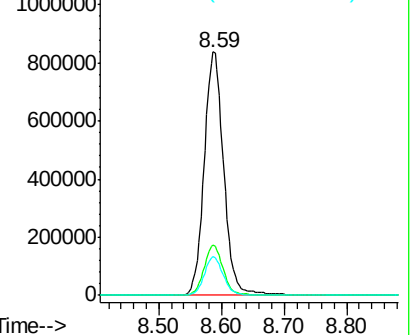
88 15.9 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 45.915 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049426.D

Acq: 20 Jun 2018 9:36

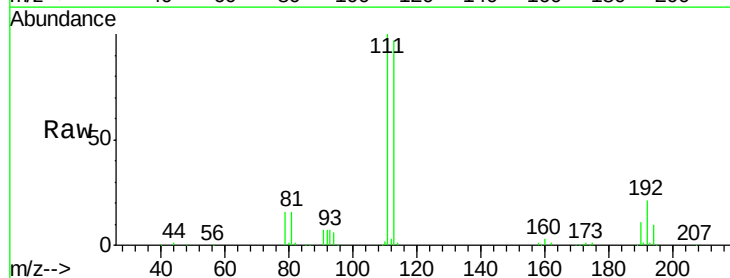
Tgt Ion:113 Resp: 672548

Ion Ratio Lower Upper

113 100

111 102.6 82.4 123.6

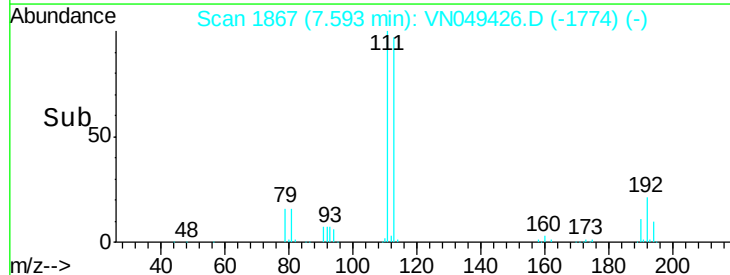
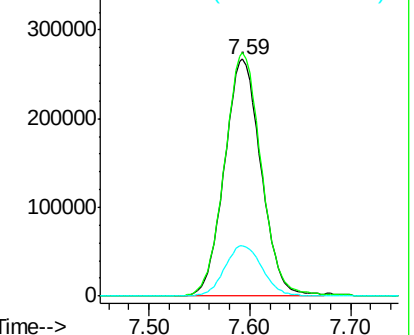
192 21.9 15.0 22.6

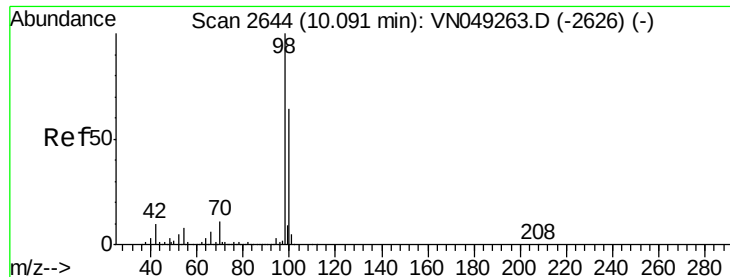


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 43.665 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049426.D

Acq: 20 Jun 2018 9:36

Instrument :

MSVOA_N

ClientSampled :

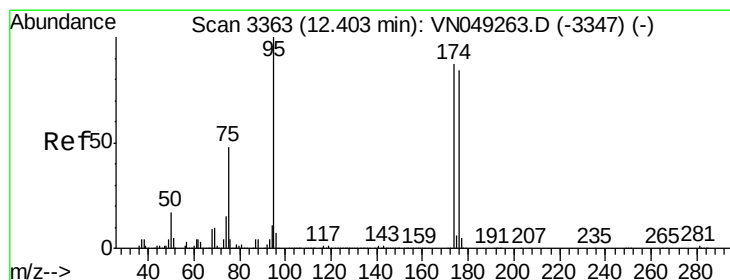
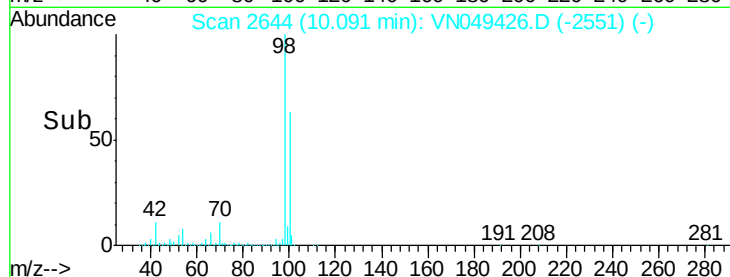
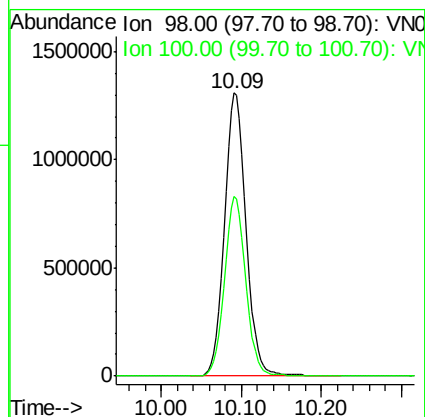
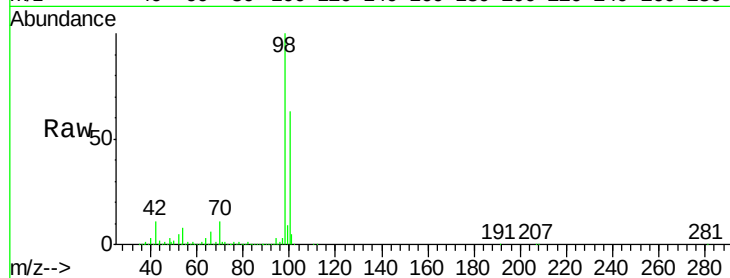
SB-48-COMP

Tot Ion: 98 Resp: 2435315

Ion Ratio Lower Upper

98 100

100 62.5 49.8 74.8



#62

4-Bromofluorobenzene

Concen: 34.371 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049426.D

Acq: 20 Jun 2018 9:36

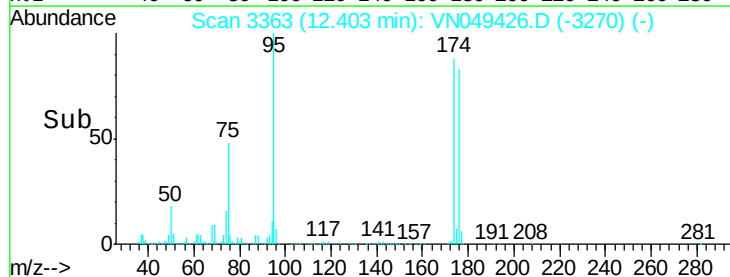
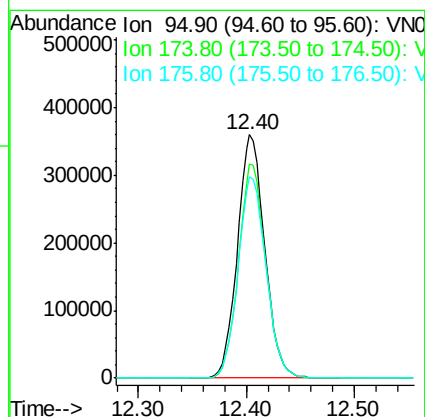
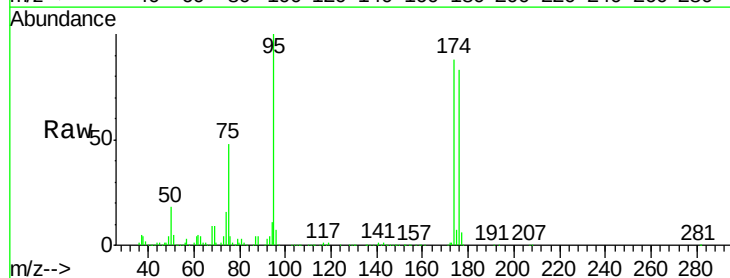
Tgt Ion: 95 Resp: 633858

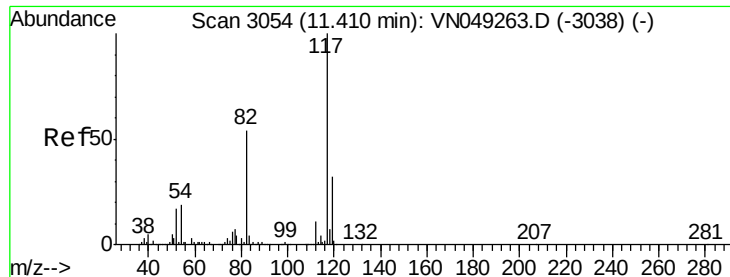
Ion Ratio Lower Upper

95 100

174 87.9 0.0 165.6

176 84.7 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: VN049426.D

Acq: 20 Jun 2018 9:36

Instrument :

MSVOA_N

ClientSampled :

SB-48-COMP

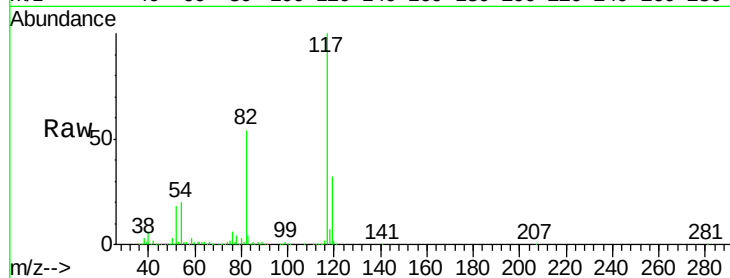
Tot Ion:117 Resp: 1468911

Ion Ratio Lower Upper

117 100

82 54.3 45.9 68.9

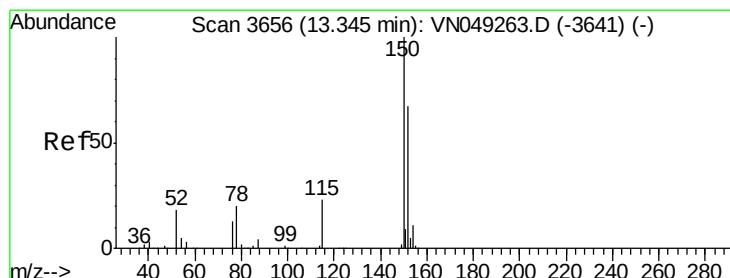
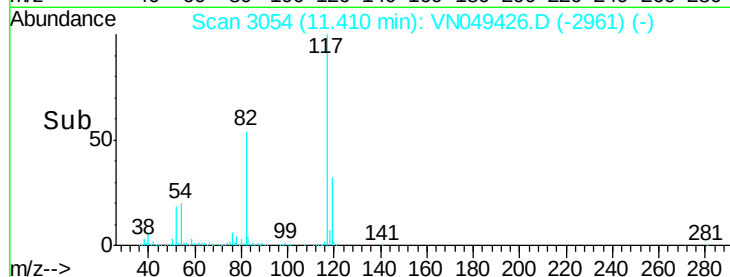
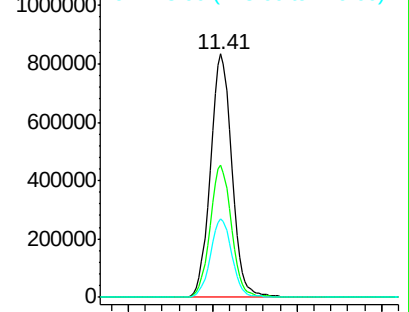
119 32.4 25.5 38.3



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: VN049426.D

Acq: 20 Jun 2018 9:36

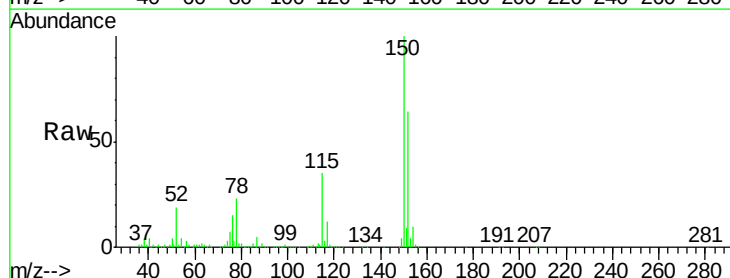
Tgt Ion:152 Resp: 451025

Ion Ratio Lower Upper

152 100

115 56.7 28.7 86.1

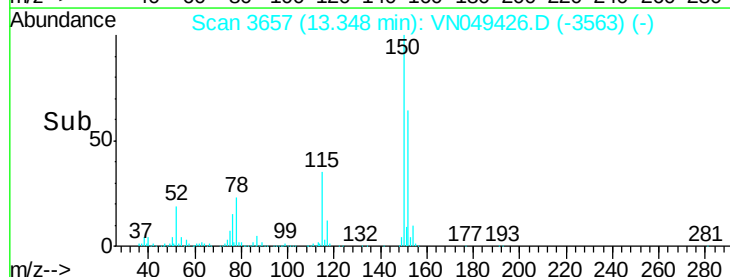
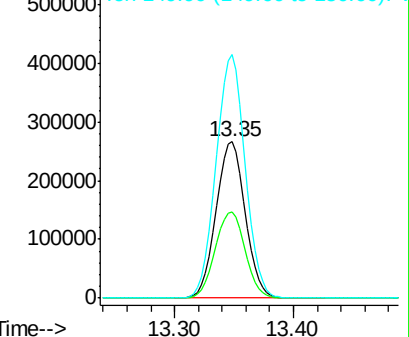
150 155.7 0.0 351.0

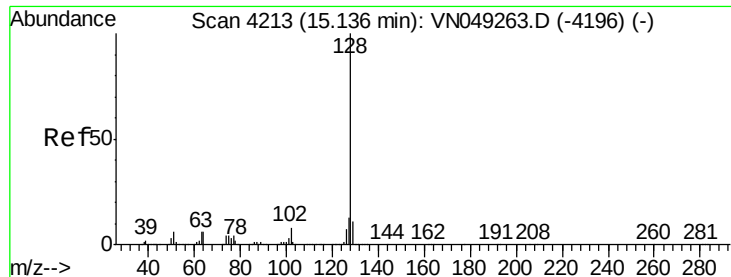


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 4.041 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049426.D

Acq: 20 Jun 2018 9:36

Instrument :

MSVOA_N

ClientSampleId :

SB-48-COMP

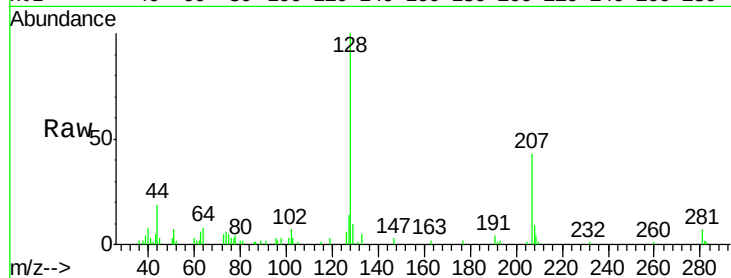
Tot Ion:128 Resp: 24640

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 9.6 8.5 12.7



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

