

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061918\
 Data File : VN049414.D
 Acq On : 20 Jun 2018 4:29
 Operator : MD\SY
 Sample : J3573-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-47-COMP

Quant Time: Jun 20 07:29:41 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

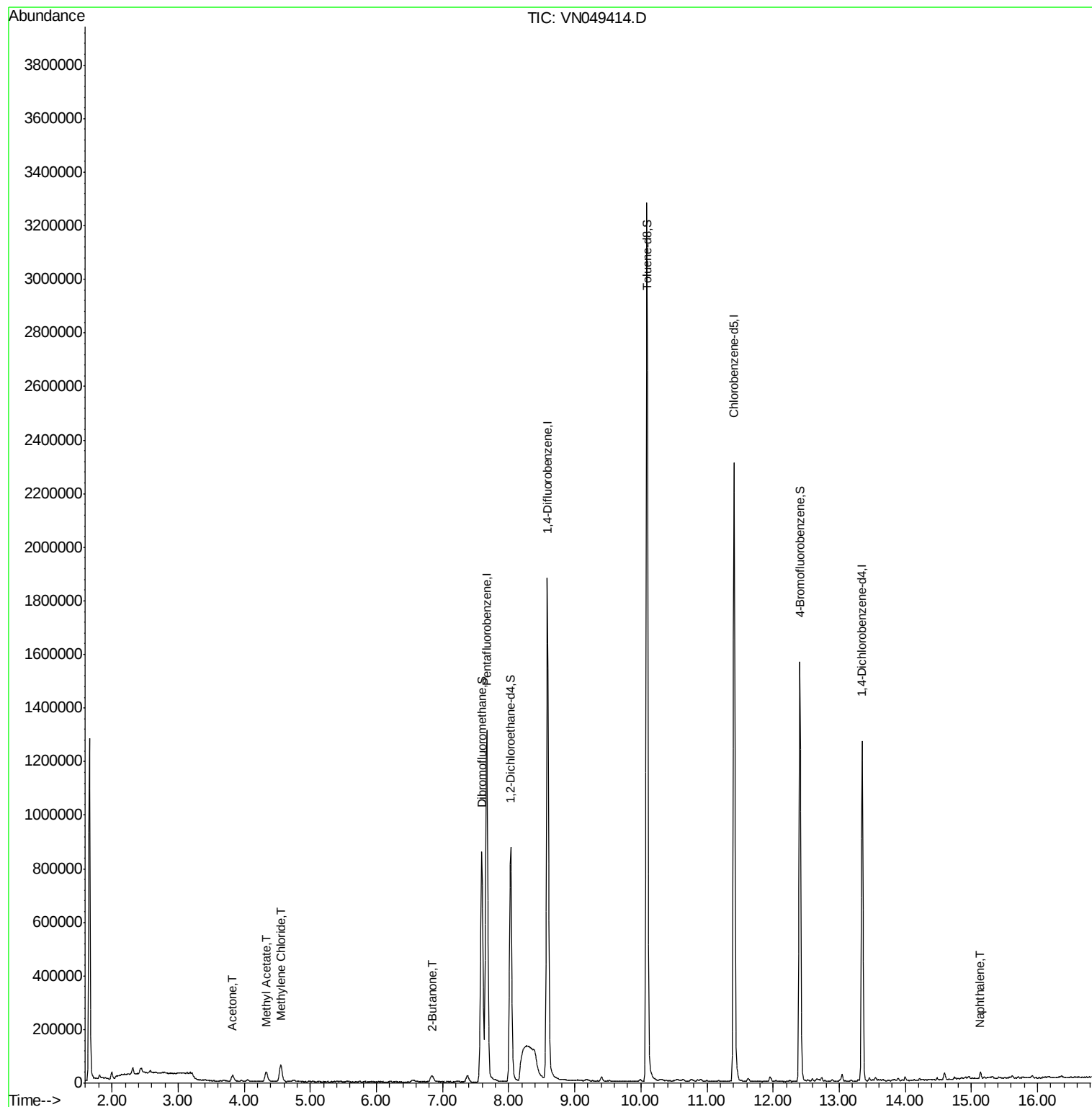
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1125624	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1776679	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1426231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	370531	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	753300	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.92%	
35) Dibromofluoromethane	7.59	113	673011	46.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.64%	
50) Toluene-d8	10.09	98	2410715	44.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.10%	
62) 4-Bromofluorobenzene	12.40	95	572491	31.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.26%	
Target Compounds						
16) Acetone	3.82	43	35619	9.826	ug/l	93
18) Methyl Acetate	4.33	43	72600	6.568	ug/l	100
20) Methylene Chloride	4.55	84	46113	3.046	ug/l	92
25) 2-Butanone	6.85	43	16536	3.397	ug/l	92
95) Naphthalene	15.14	128	19341	3.954	ug/l	96

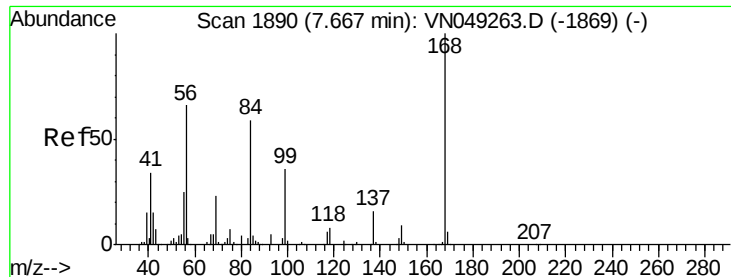
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049414.D

Acq: 20 Jun 2018 4:29

Instrument :

MSVOA_N

ClientSampleId :

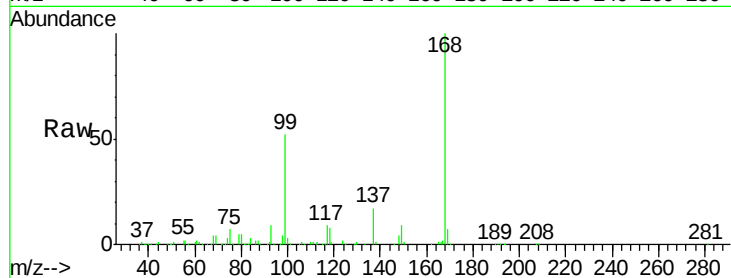
SB-47-COMP

Tot Ion:168 Resp: 1125624

Ion Ratio Lower Upper

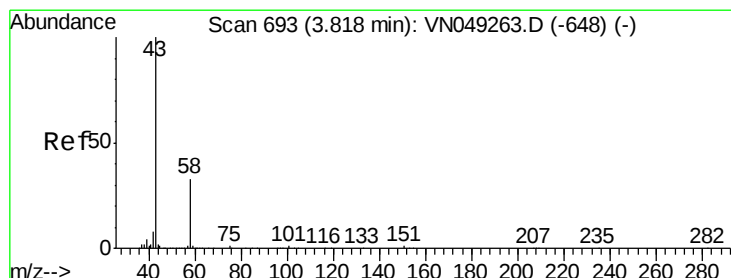
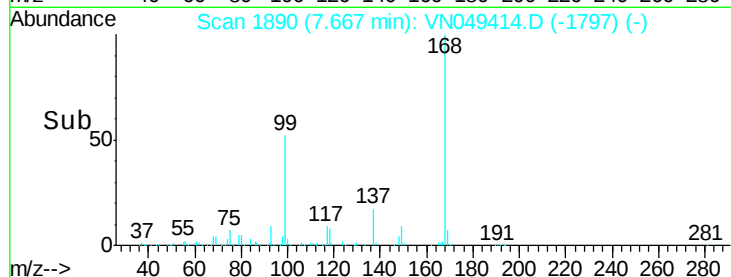
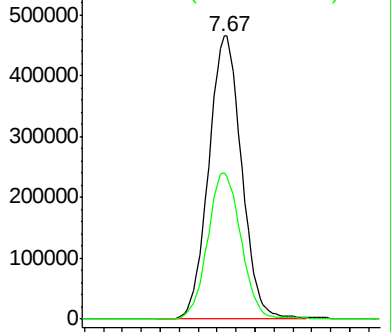
168 100

99 51.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 9.826 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049414.D

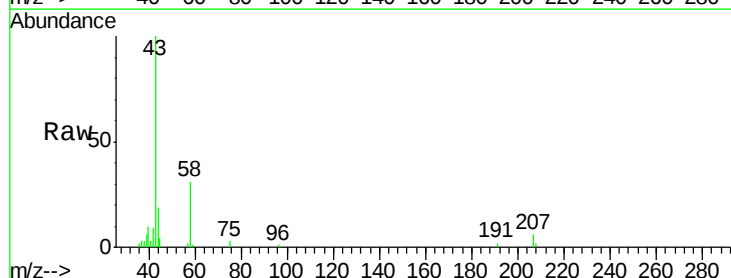
Acq: 20 Jun 2018 4:29

Tgt Ion: 43 Resp: 35619

Ion Ratio Lower Upper

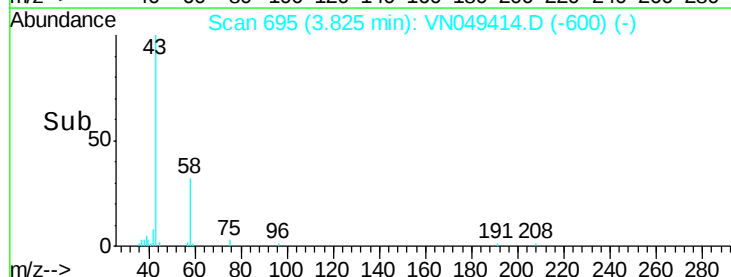
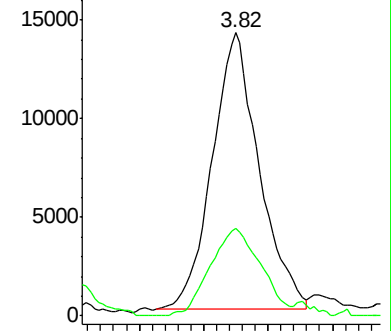
43 100

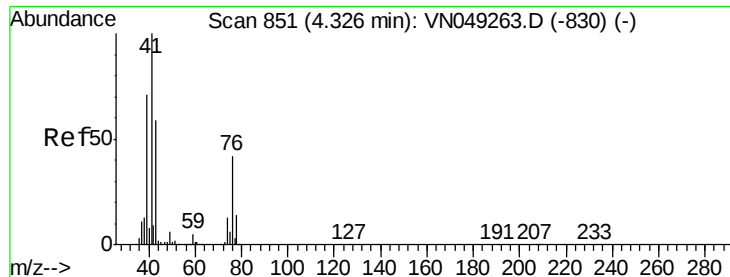
58 31.7 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#18

Methvl Acetate

Concen: 6.568 ug/l

RT: 4.33 min Scan# 852

Delta R.T. 0.00 min

Lab File: VN049414.D

Acq: 20 Jun 2018 4:29

Instrument :

MSVOA_N

ClientSampleId :

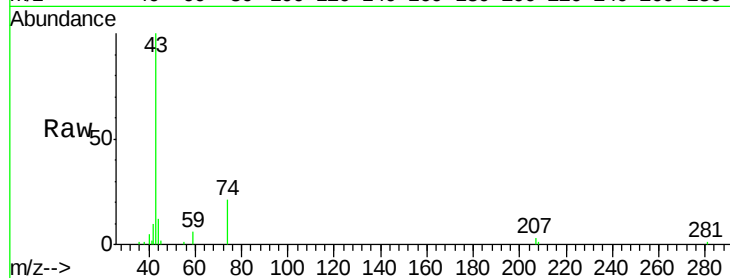
SB-47-COMP

Tot Ion: 43 Resp: 72600

Ion Ratio Lower Upper

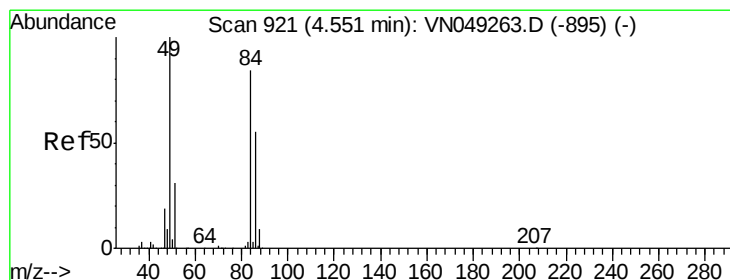
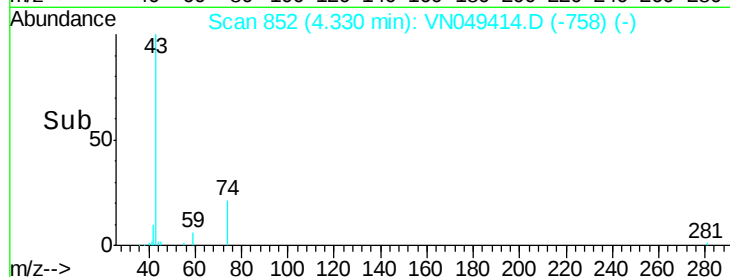
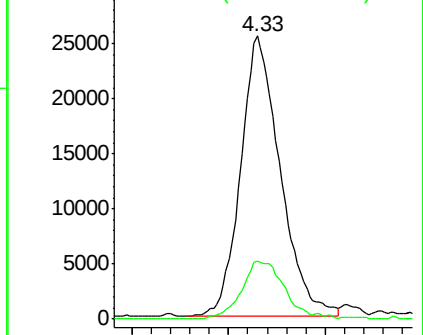
43 100

74 21.8 17.4 26.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



#20

Methylene Chloride

Concen: 3.046 ug/l

RT: 4.55 min Scan# 920

Delta R.T. -0.00 min

Lab File: VN049414.D

Acq: 20 Jun 2018 4:29

Tgt Ion: 84 Resp: 46113

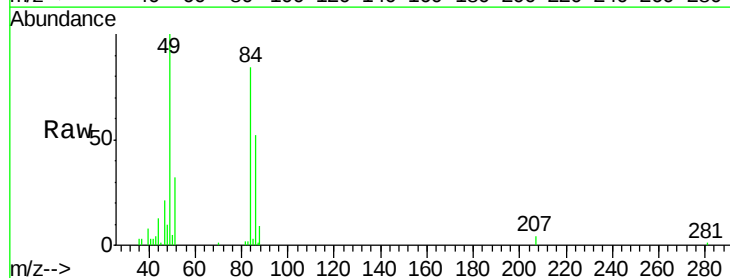
Ion Ratio Lower Upper

84 100

49 119.5 106.9 160.3

51 38.5 32.7 49.1

86 61.9 49.8 74.8

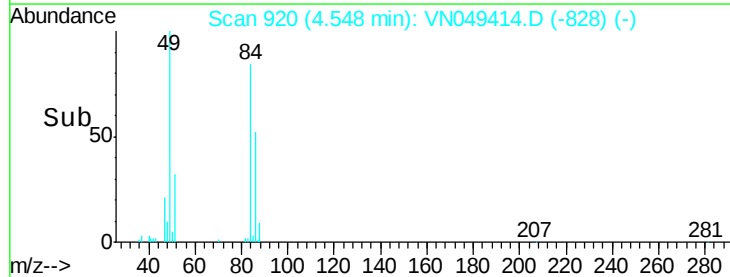
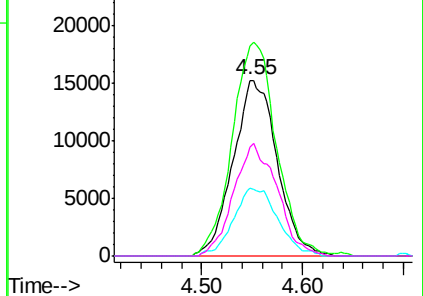


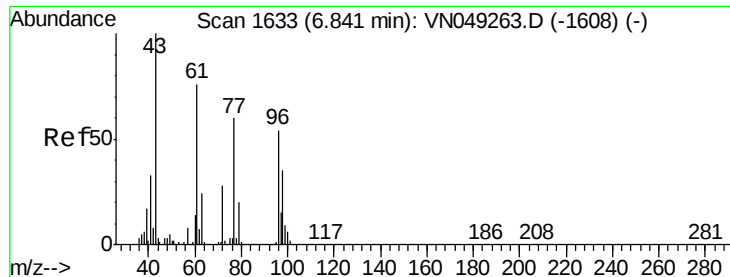
Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0

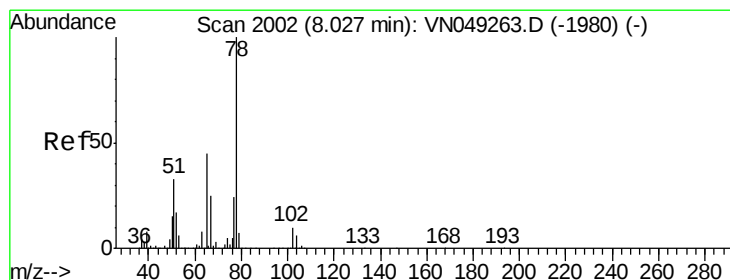
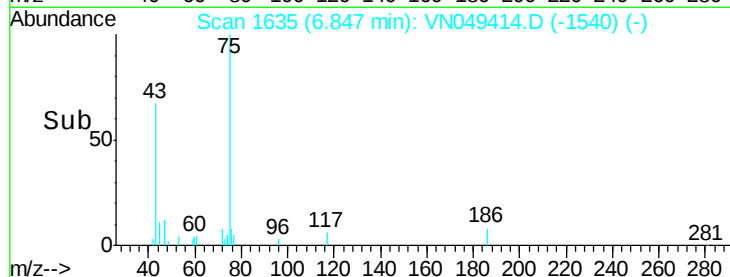
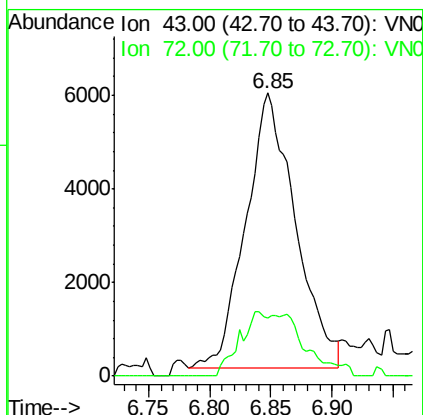
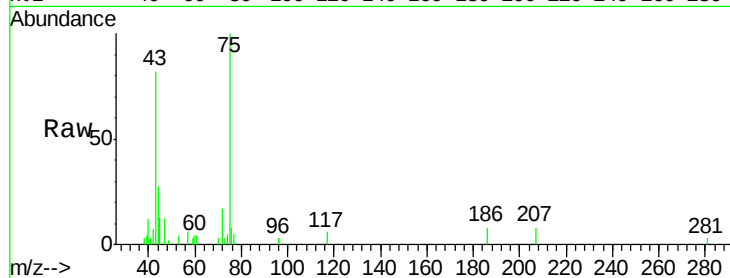




#25
2-Butanone
Concen: 3.397 ug/l
RT: 6.85 min Scan# 1635
Delta R.T. 0.01 min
Lab File: VN049414.D
Acq: 20 Jun 2018 4:29

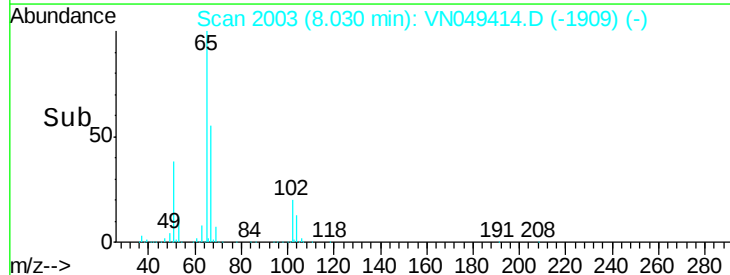
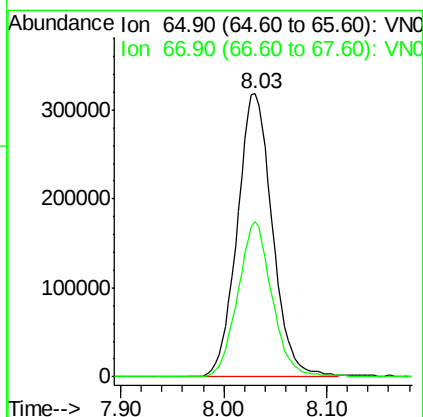
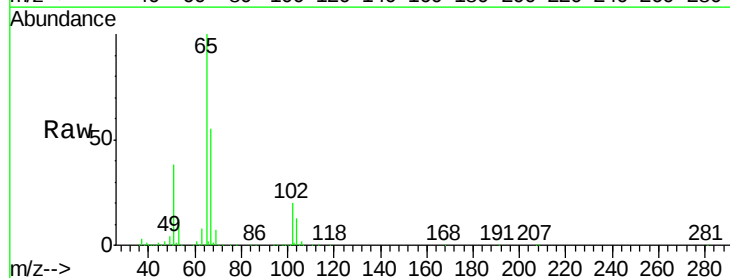
Instrument :
MSVOA_N
ClientSampleId :
SB-47-COMP

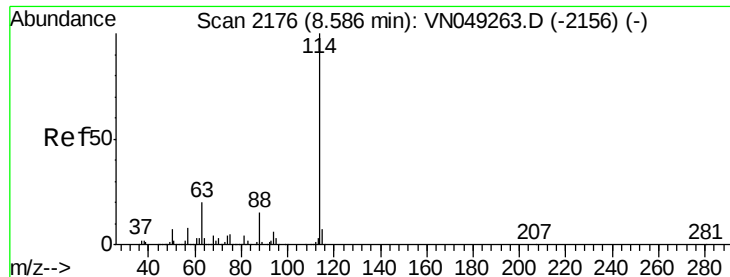
Tot Ion: 43 Resp: 16536
Ion Ratio Lower Upper
43 100
72 20.9 20.2 30.2



#33
1,2-Dichloroethane-d4
Concen: 50.457 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049414.D
Acq: 20 Jun 2018 4:29

Tgt Ion: 65 Resp: 753300
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: VN049414.D

Acq: 20 Jun 2018 4:29

Instrument :

MSVOA_N

ClientSampleId :

SB-47-COMP

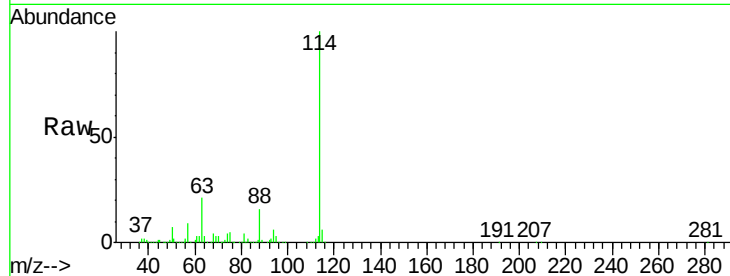
Tot Ion:114 Resp: 1776679

Ion Ratio Lower Upper

114 100

63 20.5 0.0 44.4

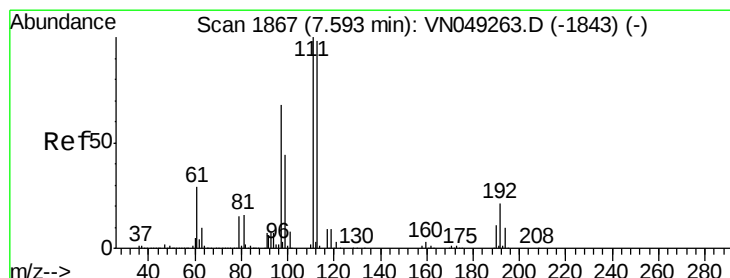
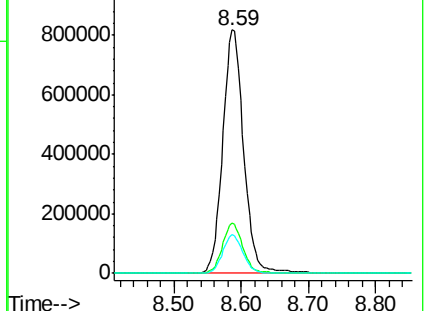
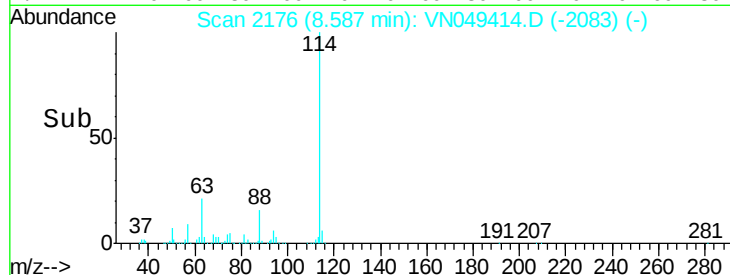
88 15.8 0.0 31.4



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: 46.821 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049414.D

Acq: 20 Jun 2018 4:29

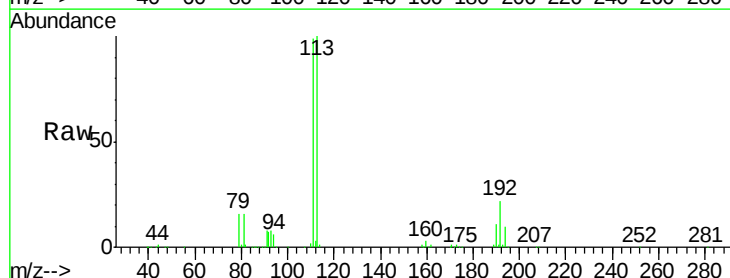
Tgt Ion:113 Resp: 673011

Ion Ratio Lower Upper

113 100

111 101.4 82.4 123.6

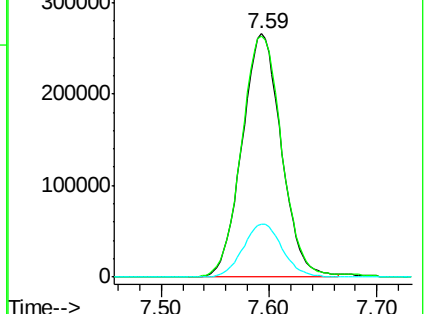
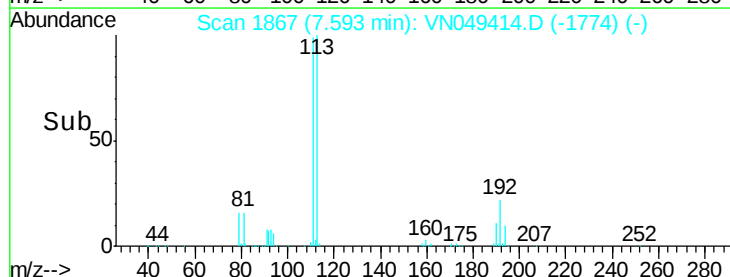
192 21.9 15.0 22.6

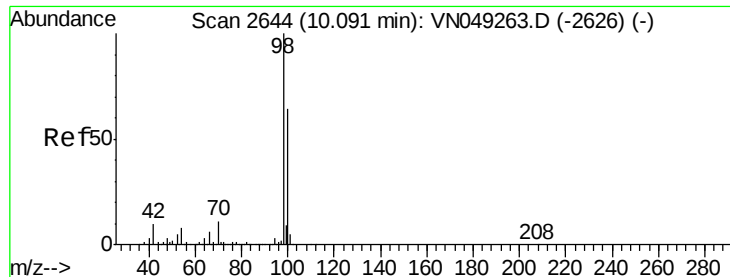


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 44.046 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN049414.D

Acq: 20 Jun 2018 4:29

Instrument :

MSVOA_N

ClientSampled :

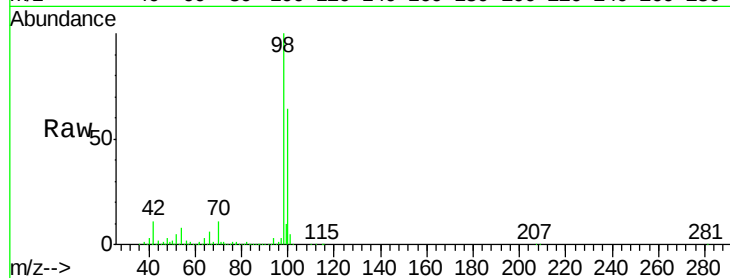
SB-47-COMP

Tot Ion: 98 Resp: 2410715

Ion Ratio Lower Upper

98 100

100 63.2 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN049414.D (-2551) (-)

Ion 100.00 (99.70 to 100.70): VN049414.D (-2551) (-)

10.09

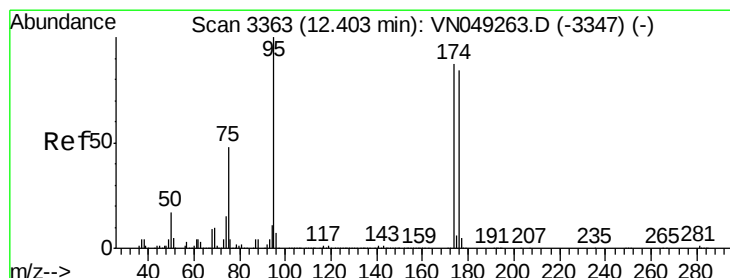
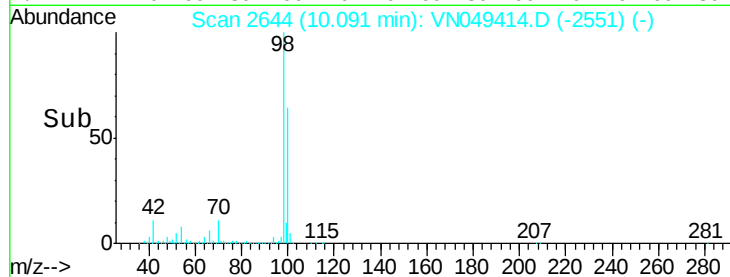
1500000

1000000

500000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 31.634 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049414.D

Acq: 20 Jun 2018 4:29

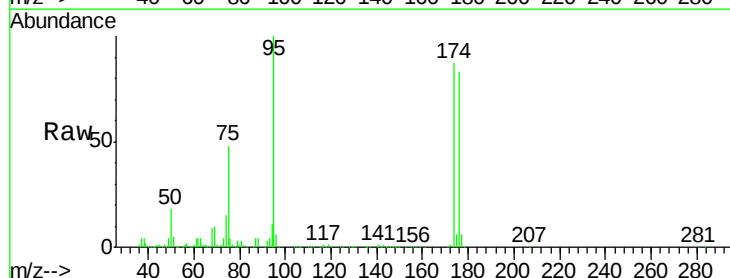
Tgt Ion: 95 Resp: 572491

Ion Ratio Lower Upper

95 100

174 89.1 0.0 165.6

176 85.6 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049414.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049414.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049414.D (-3270) (-)

12.40

400000

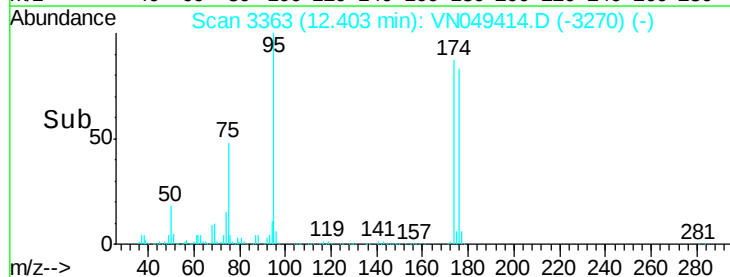
300000

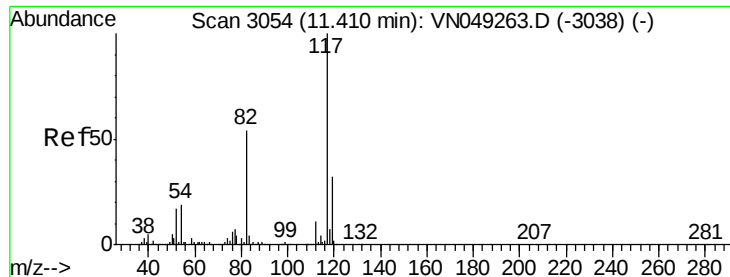
200000

100000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049414.D

Acq: 20 Jun 2018 4:29

Instrument :

MSVOA_N

ClientSampled :

SB-47-COMP

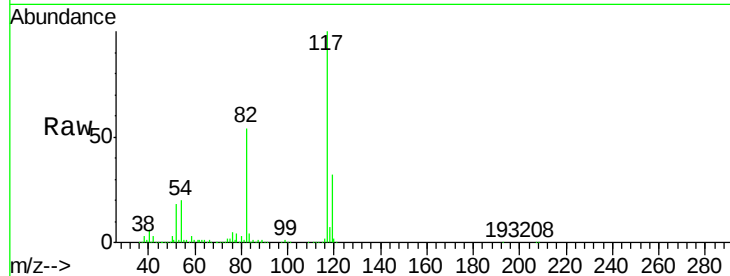
Tot Ion:117 Resp: 1426231

Ion Ratio Lower Upper

117 100

82 53.9 45.9 68.9

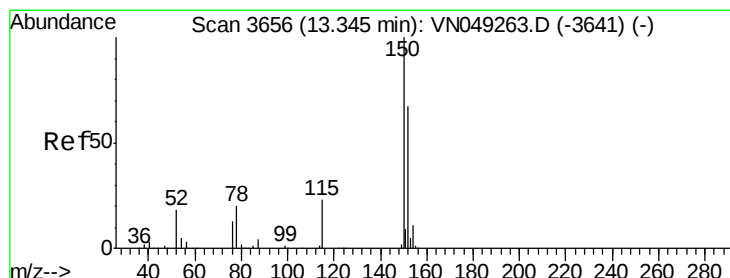
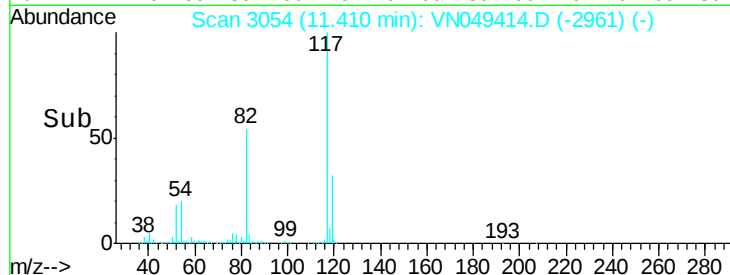
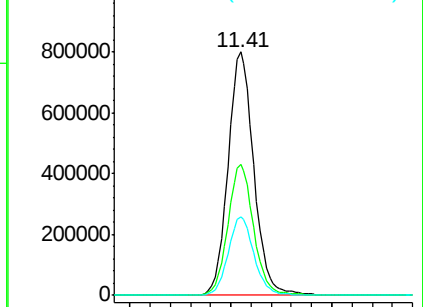
119 32.2 25.5 38.3



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: VN049414.D

Acq: 20 Jun 2018 4:29

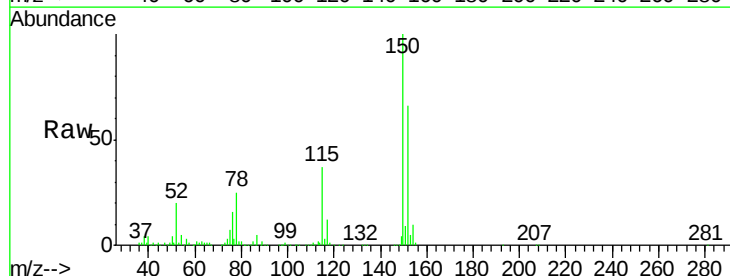
Tgt Ion:152 Resp: 370531

Ion Ratio Lower Upper

152 100

115 56.6 28.7 86.1

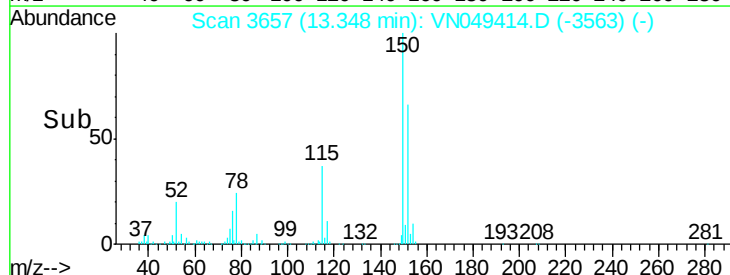
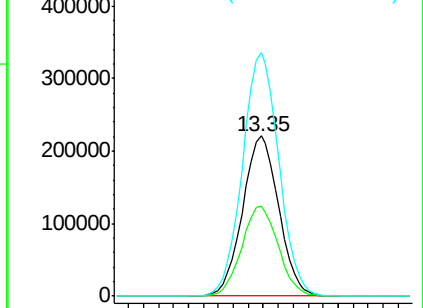
150 153.2 0.0 351.0

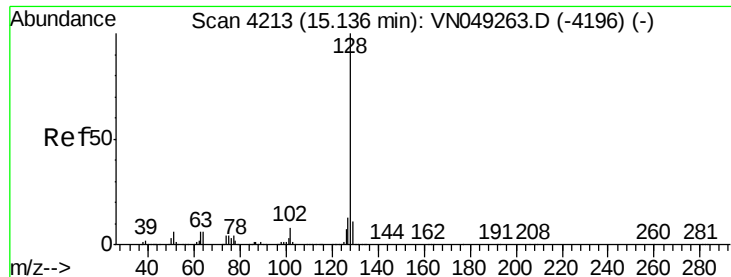


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 3.954 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049414.D

Acq: 20 Jun 2018 4:29

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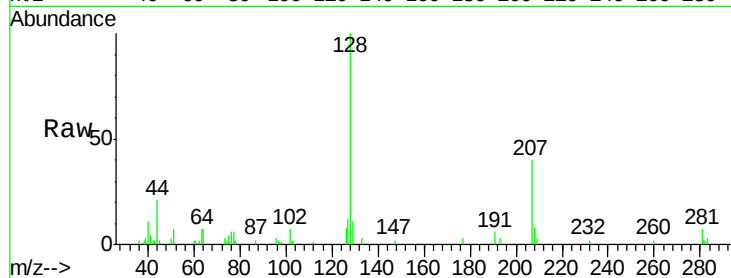
Tot Ion:128 Resp: 19341

Ion Ratio Lower Upper

128 100

127 11.8 10.6 16.0

129 12.2 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

