

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
 Data File : VN049604.D
 Acq On : 28 Jun 2018 21:26
 Operator : MD\SY
 Sample : J3242-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-062618-B

Quant Time: Jun 29 04:06:18 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

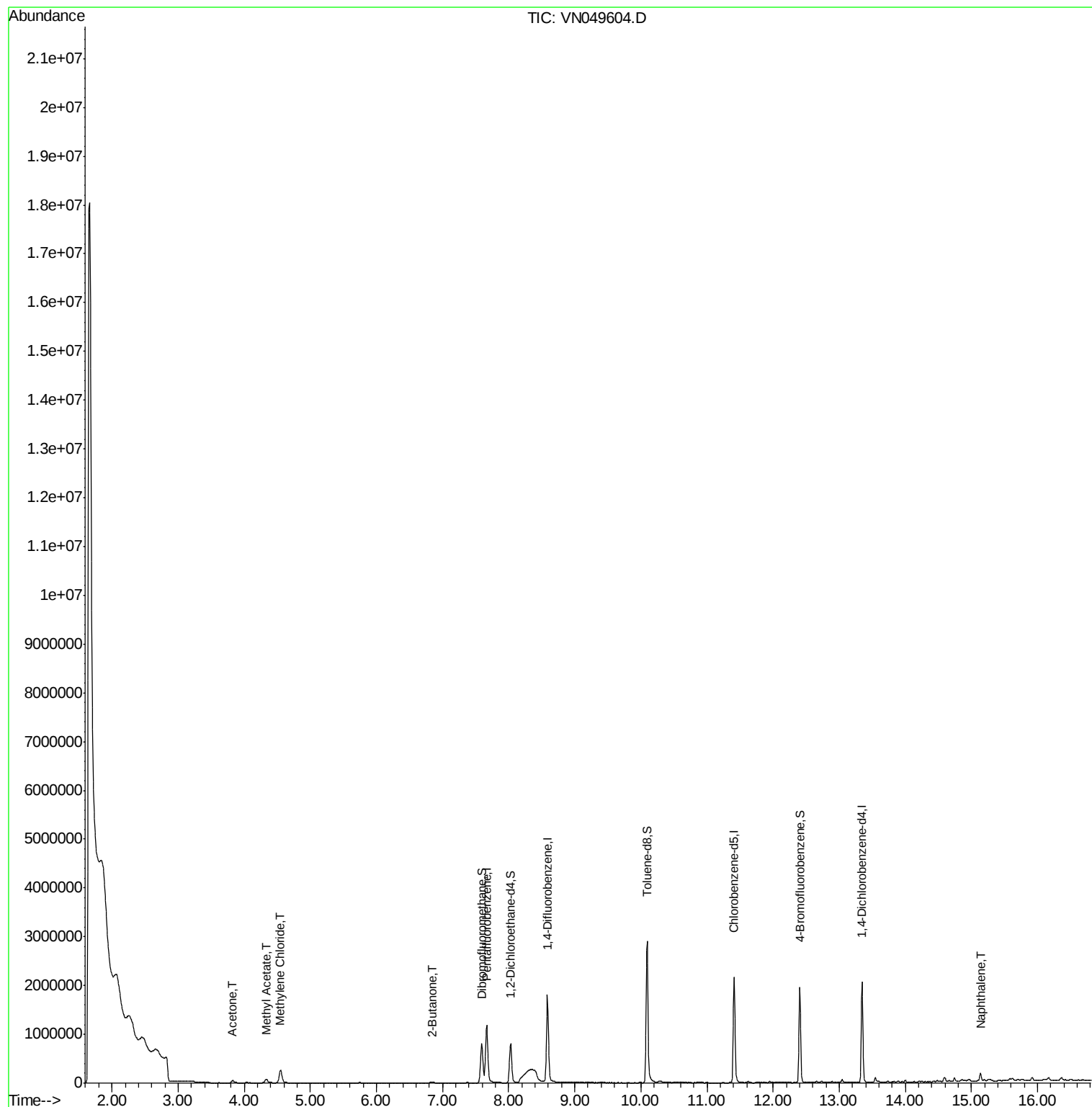
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1067722	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1712591	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1405479	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	580022	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	707929	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
35) Dibromofluoromethane	7.59	113	628577	45.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.74%	
50) Toluene-d8	10.09	98	2283592	43.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.56%	
62) 4-Bromofluorobenzene	12.40	95	672809	38.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.14%	
Target Compounds						
16) Acetone	3.82	43	79051	22.99	ug/l	90
18) Methyl Acetate	4.33	43	136973	13.06	ug/l	93
20) Methylene Chloride	4.55	84	195679	13.63	ug/l	92
25) 2-Butanone	6.84	43	10912	2.36	ug/l	91
95) Naphthalene	15.14	128	139814	10.57	ug/l	100

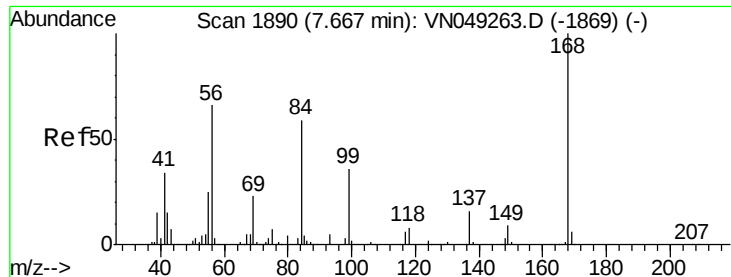
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:02:01 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: VN049604.D

Acq: 28 Jun 2018 21:26

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MSVOA_N

ClientSampleId :

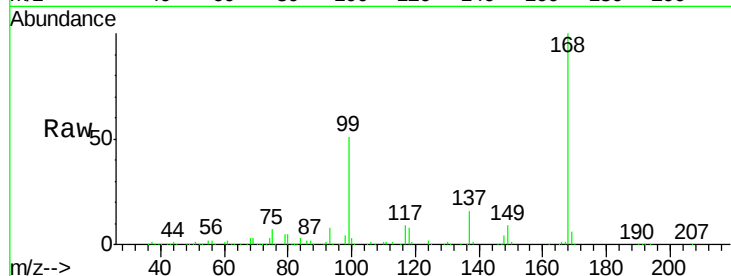
JC-02-062618-B

Tot Ion:168 Resp: 1067722

Ion Ratio Lower Upper

168 100

99 51.4 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

400000

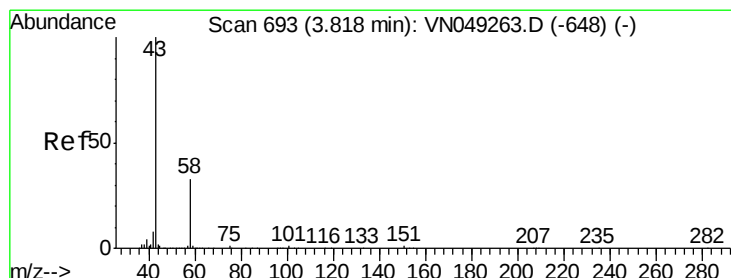
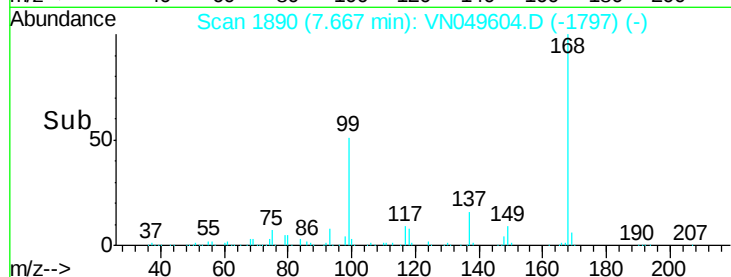
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 22.99 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049604.D

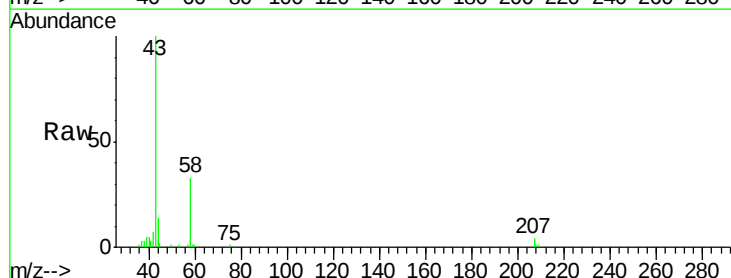
Acq: 28 Jun 2018 21:26

Tgt Ion: 43 Resp: 79051

Ion Ratio Lower Upper

43 100

58 33.1 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

30000

25000

20000

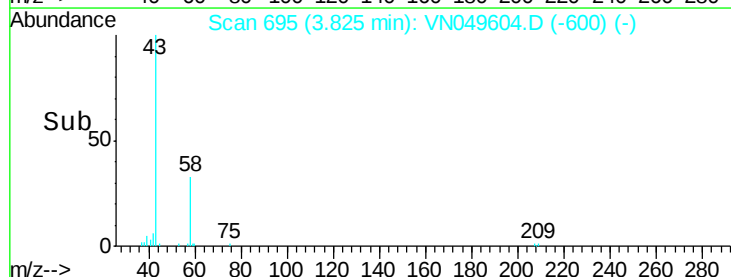
15000

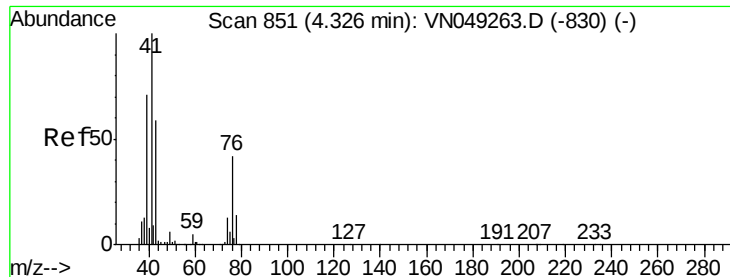
10000

5000

0

Time-->

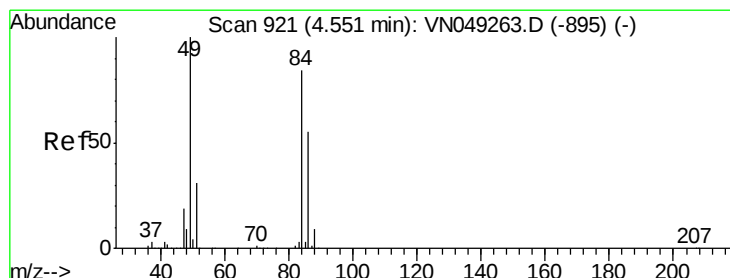
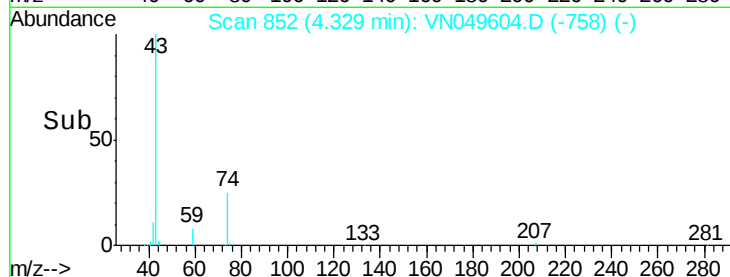
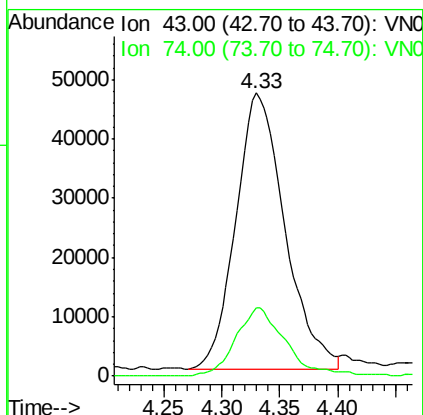
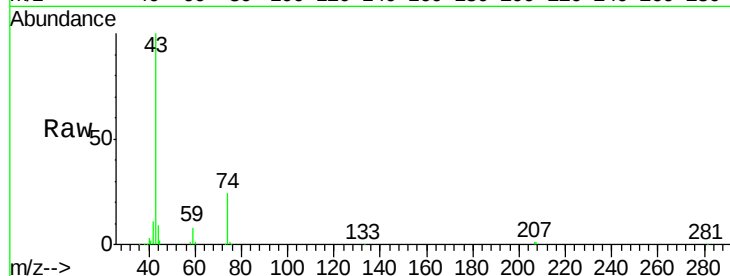




#18
Methvl Acetate
Concen: 13.06 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN049604.D
Acq: 28 Jun 2018 21:26

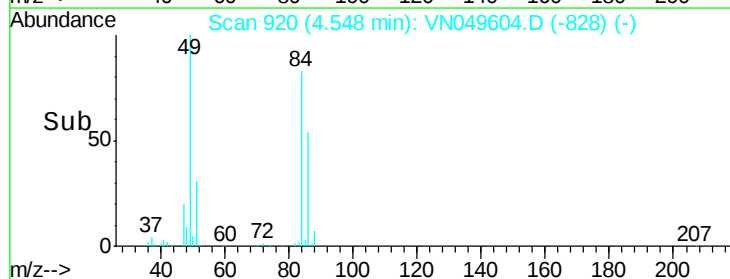
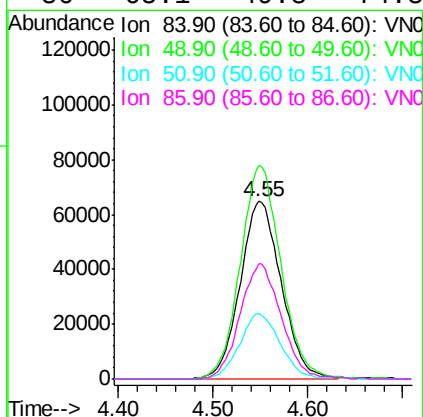
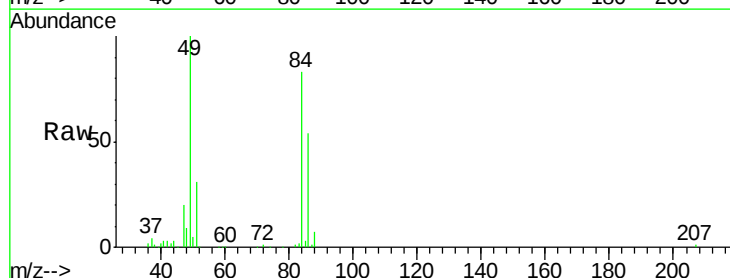
Instrument :
MSVOA_N
ClientSampleId :
JC-02-062618-B

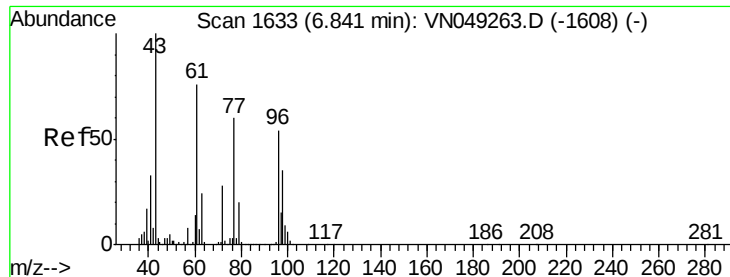
Tot Ion: 43 Resp: 136973
Ion Ratio Lower Upper
43 100
74 24.9 17.4 26.0



#20
Methylene Chloride
Concen: 13.63 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN049604.D
Acq: 28 Jun 2018 21:26

Tgt Ion: 84 Resp: 195679
Ion Ratio Lower Upper
84 100
49 120.4 106.9 160.3
51 36.9 32.7 49.1
86 65.1 49.8 74.8





#25

2-Butanone

Concen: 2.36 ug/l

RT: 6.84 min Scan# 1633

Delta R.T. 0.00 min

Lab File: VN049604.D

Acq: 28 Jun 2018 21:26

Instrument :

MSVOA_N

ClientSampleId :

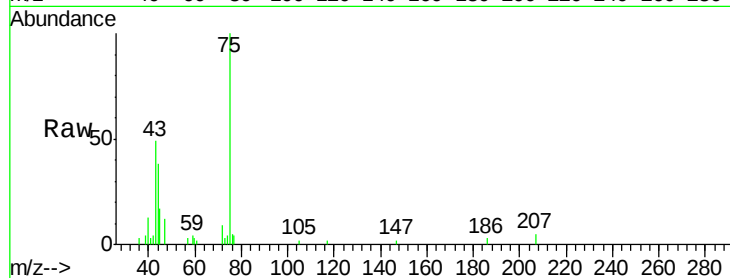
JC-02-062618-B

Tot Ion: 43 Resp: 10912

Ion Ratio Lower Upper

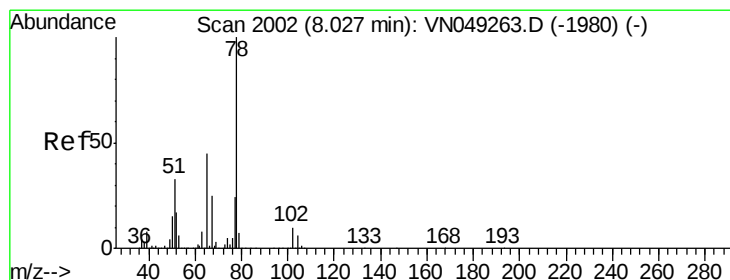
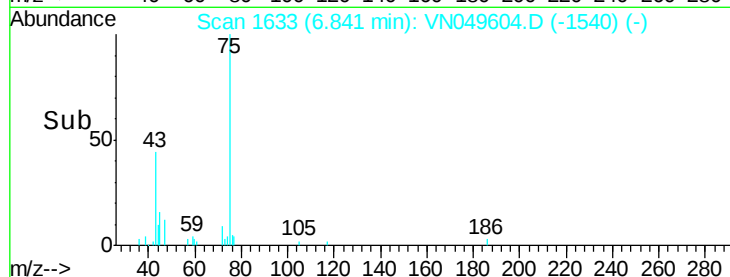
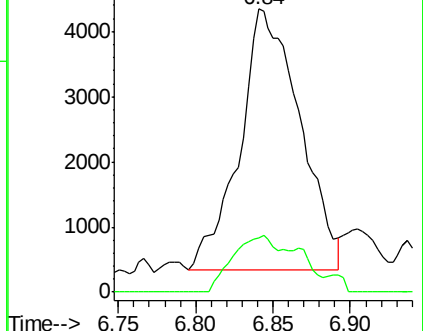
43 100

72 20.8 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VN049263.D (-1608) (-)

Ion 72.00 (71.70 to 72.70): VN049263.D (-1608) (-)



#33

1,2-Dichloroethane-d4

Concen: 49.99 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049604.D

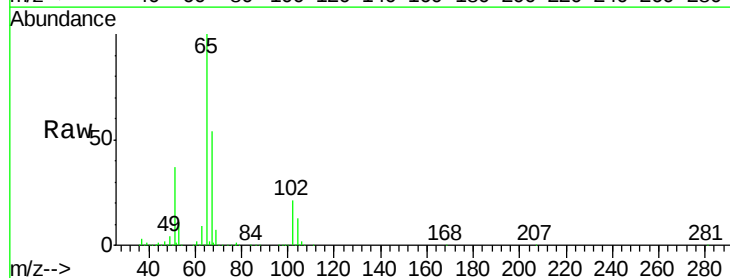
Acq: 28 Jun 2018 21:26

Tgt Ion: 65 Resp: 707929

Ion Ratio Lower Upper

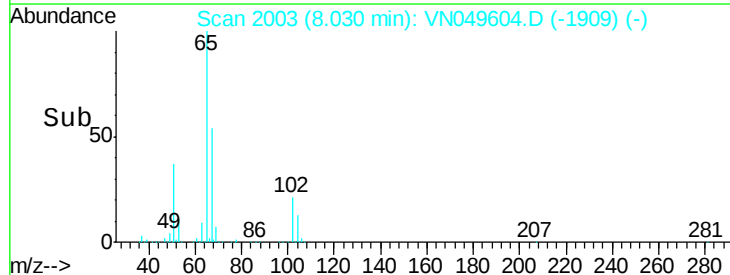
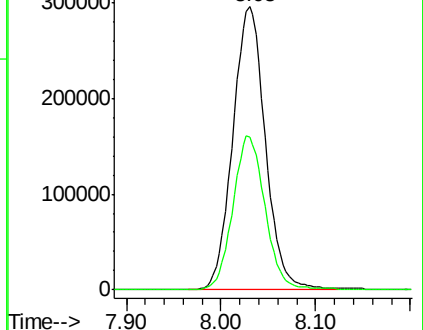
65 100

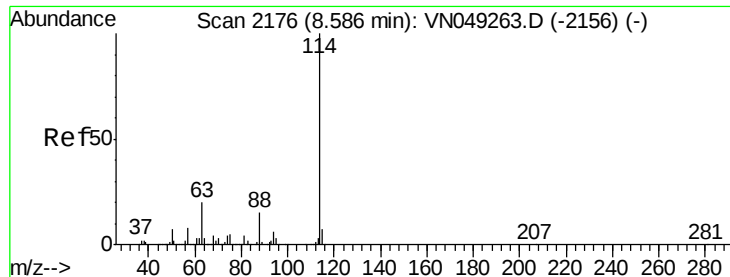
67 53.9 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VN049263.D (-1980) (-)

Ion 66.90 (66.60 to 67.60): VN049263.D (-1980) (-)

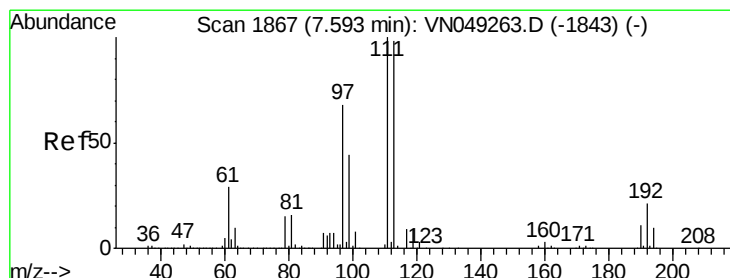
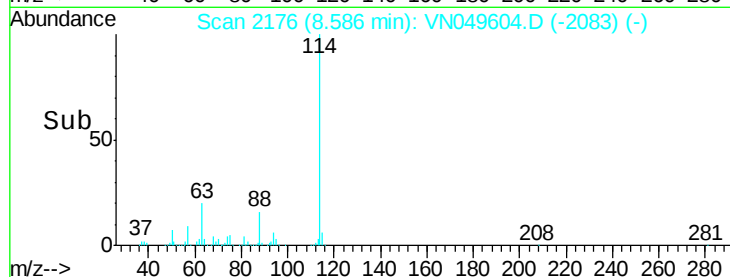
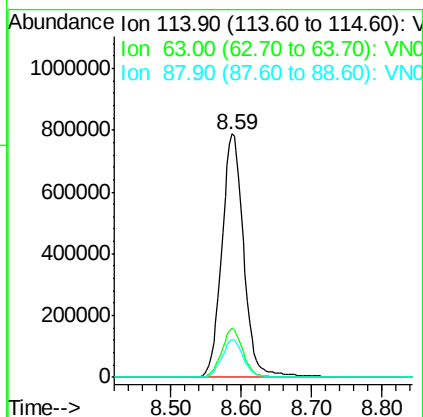
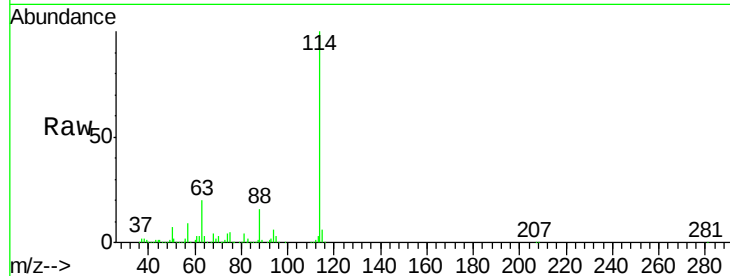




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. 0.00 min
 Lab File: VN049604.D
 Acq: 28 Jun 2018 21:26

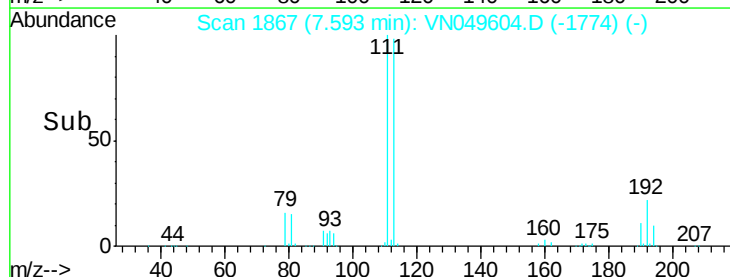
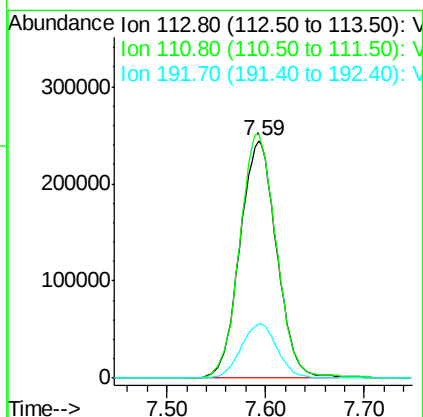
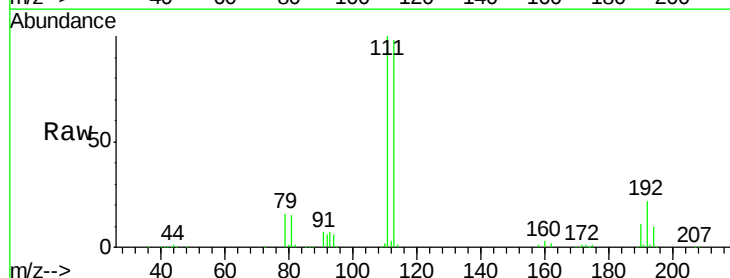
Instrument :
 MSVOA_N
 ClientSampleId :
 JC-02-062618-B

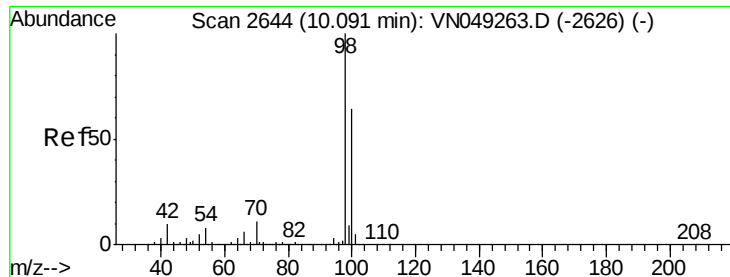
Tot Ion:114 Resp: 1712591
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 44.4
 88 15.6 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 45.37 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049604.D
 Acq: 28 Jun 2018 21:26

Tgt Ion:113 Resp: 628577
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.4 123.6
 192 22.6 15.0 22.6#





#50

Toluene-d8

Concen: 43.28 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049604.D

Acq: 28 Jun 2018 21:26

Instrument :

MSVOA_N

ClientSampleId :

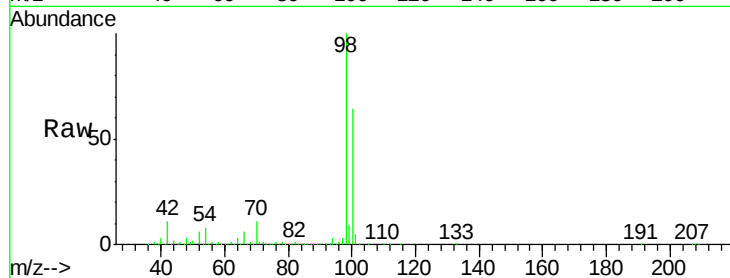
JC-02-062618-B

Tot Ion: 98 Resp: 2283592

Ion Ratio Lower Upper

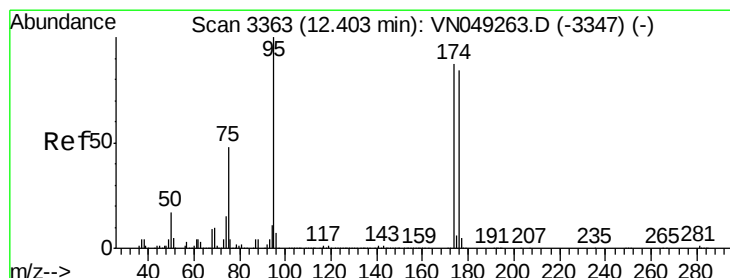
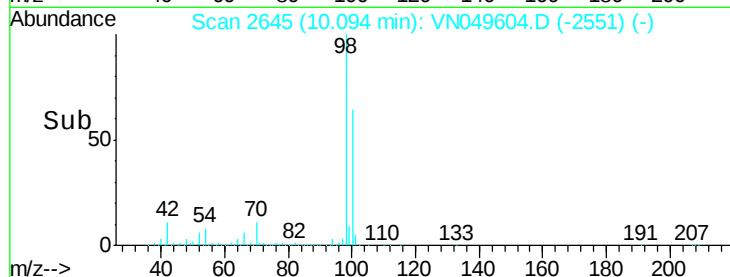
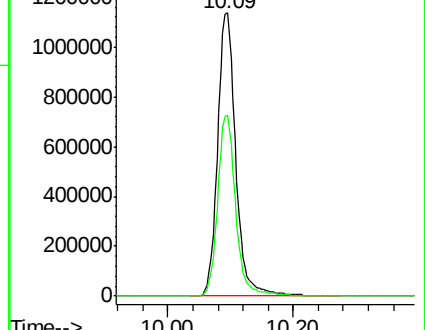
98 100

100 63.6 49.8 74.8



Abundance Ion 98.00 (97.70 to 98.70): VN049263.D (-2626) (-)

Ion 100.00 (99.70 to 100.70): VN049263.D (-2626) (-)



#62

4-Bromofluorobenzene

Concen: 38.57 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049604.D

Acq: 28 Jun 2018 21:26

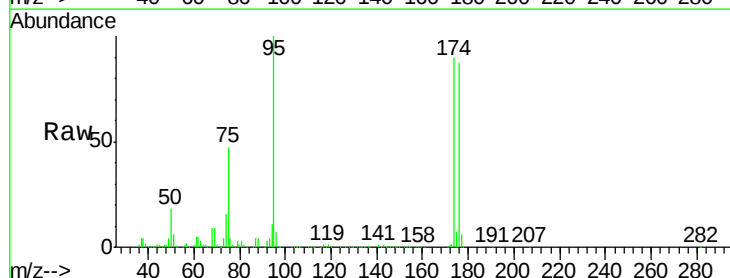
Tgt Ion: 95 Resp: 672809

Ion Ratio Lower Upper

95 100

174 90.9 0.0 165.6

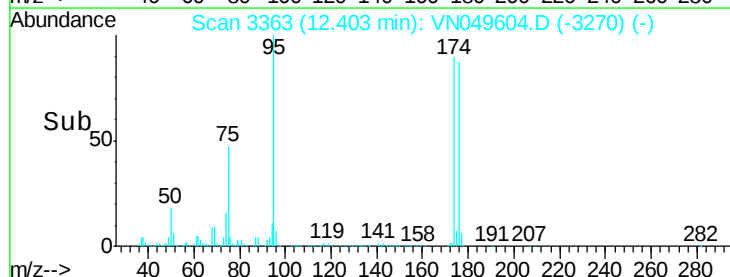
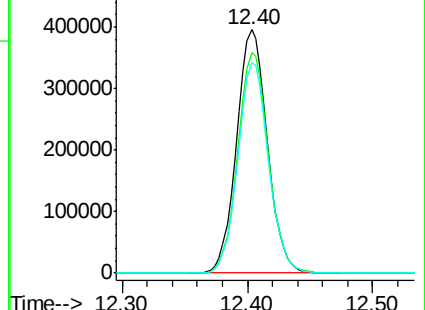
176 86.1 0.0 157.4

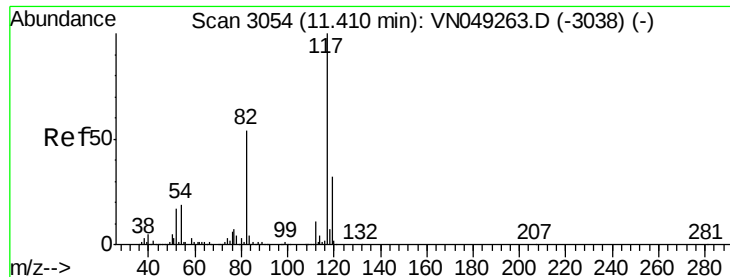


Abundance Ion 94.90 (94.60 to 95.60): VN049263.D (-3347) (-)

Ion 173.80 (173.50 to 174.50): VN049263.D (-3347) (-)

Ion 175.80 (175.50 to 176.50): VN049263.D (-3347) (-)





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049604.D

Acq: 28 Jun 2018 21:26

Instrument :

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JC-02-062618-B

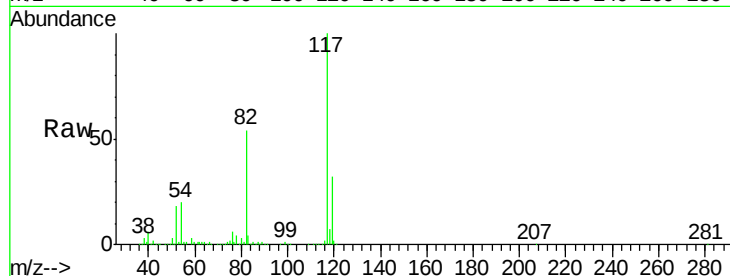
Tot Ion:117 Resp: 1405479

Ion Ratio Lower Upper

117 100

82 54.1 45.9 68.9

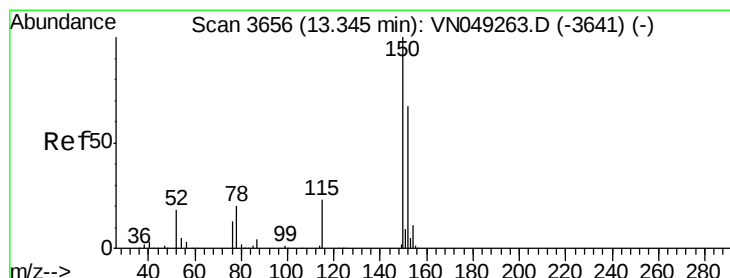
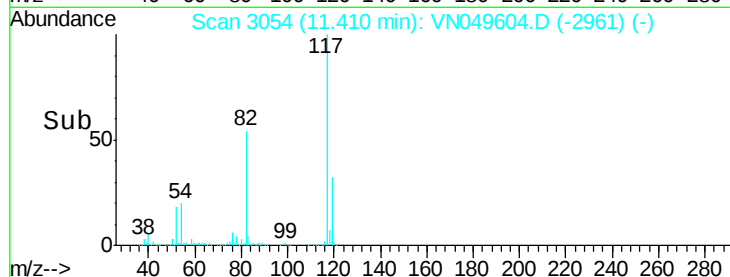
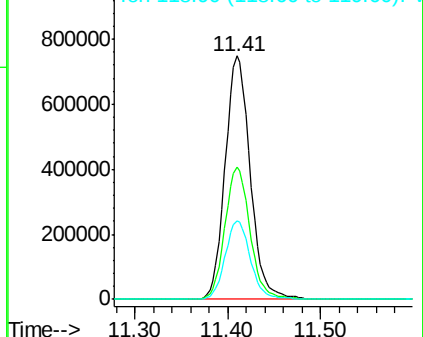
119 32.5 25.5 38.3



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: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049604.D

Acq: 28 Jun 2018 21:26

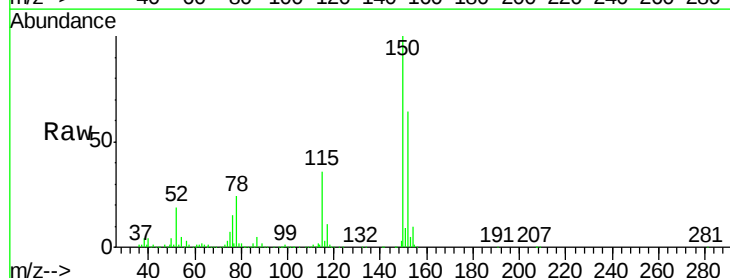
Tgt Ion:152 Resp: 580022

Ion Ratio Lower Upper

152 100

115 56.7 28.7 86.1

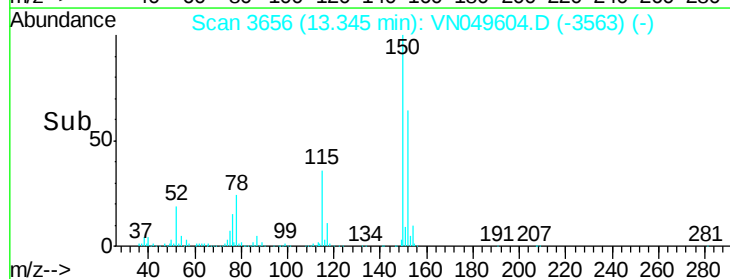
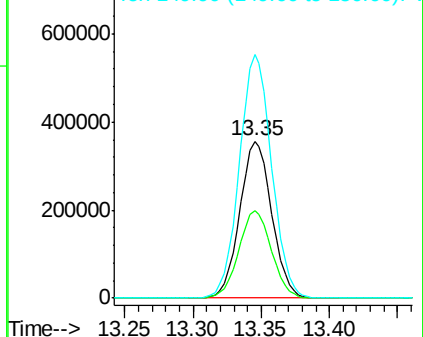
150 156.5 0.0 351.0

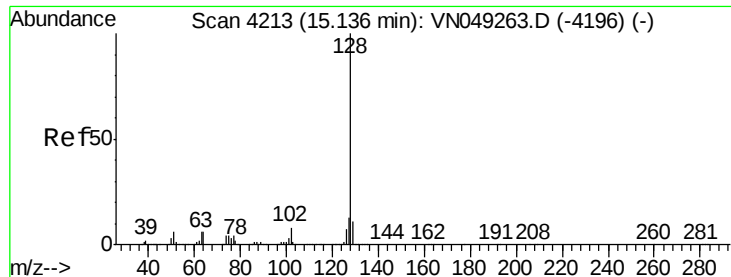


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 10.57 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049604.D

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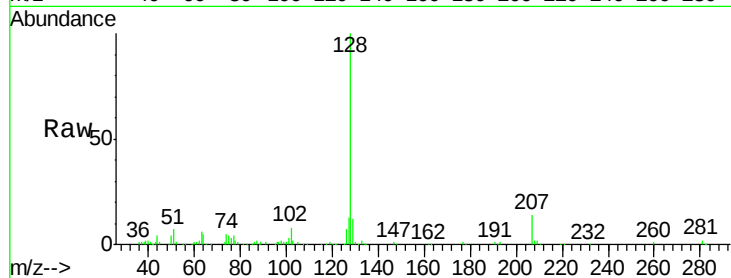
Tot Ion:128 Resp: 139814

Ion Ratio Lower Upper

128 100

127 13.4 10.6 16.0

129 10.3 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

