

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062818\
 Data File : VN049615.D
 Acq On : 29 Jun 2018 3:00
 Operator : MD\SY
 Sample : J3242-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 37 Sample Multiplier: 1

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

Quant Time: Jun 29 04:59:14 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	1114366	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1764616	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1477485	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	594992	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	725536	49.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.18%	
35) Dibromofluoromethane	7.59	113	647585	45.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.72%	
50) Toluene-d8	10.09	98	2389451	43.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.92%	
62) 4-Bromofluorobenzene	12.40	95	700469	38.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.94%	

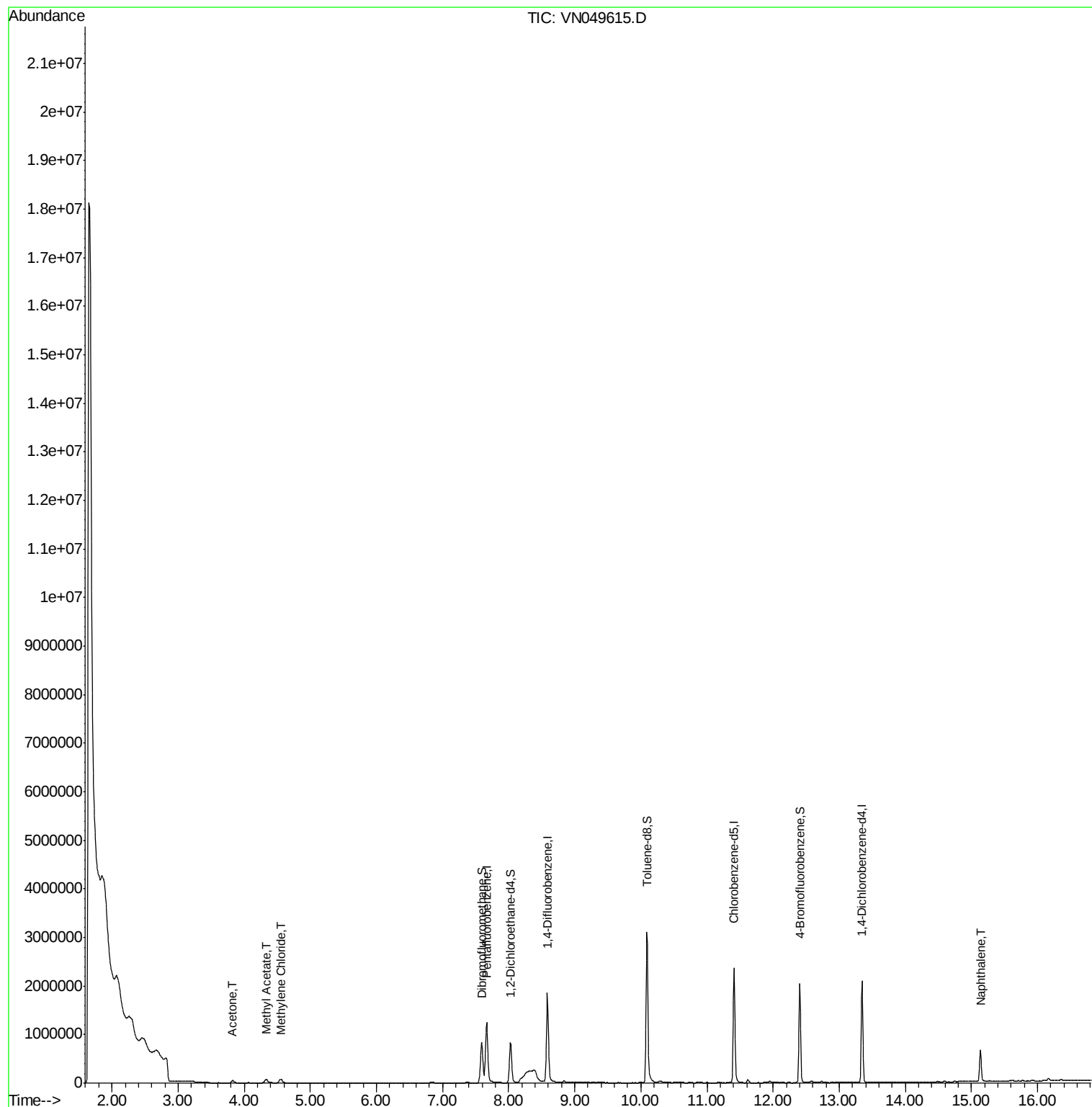
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	78276	21.81	ug/l	# 88
18) Methyl Acetate	4.33	43	150179	13.72	ug/l	92
20) Methylene Chloride	4.55	84	56719	3.78	ug/l	92
95) Naphthalene	15.14	128	570916	33.69	ug/l	99

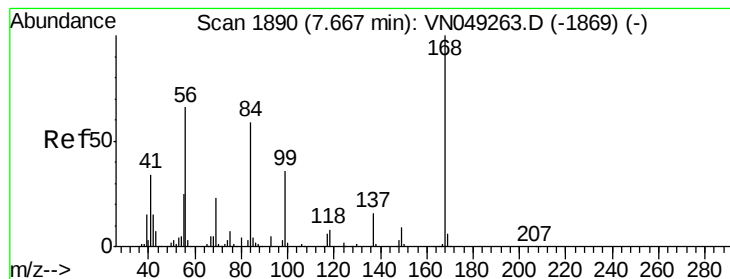
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN049615.D

Acq: 29 Jun 2018 3:00

Instrument :

MSVOA_N

ClientSampleId :

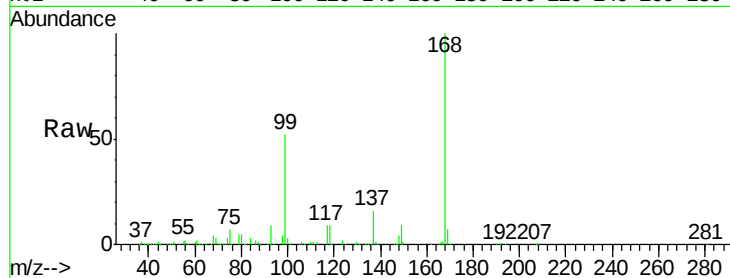
JC-02-062618-H

Tot Ion:168 Resp: 1114366

Ion Ratio Lower Upper

168 100

99 52.0 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

400000

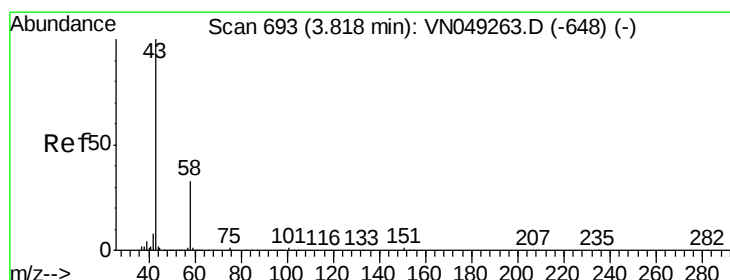
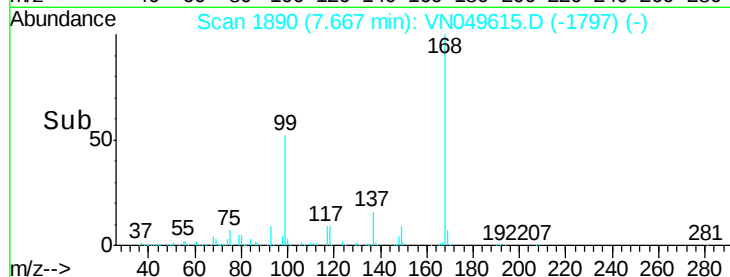
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 21.81 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.01 min

Lab File: VN049615.D

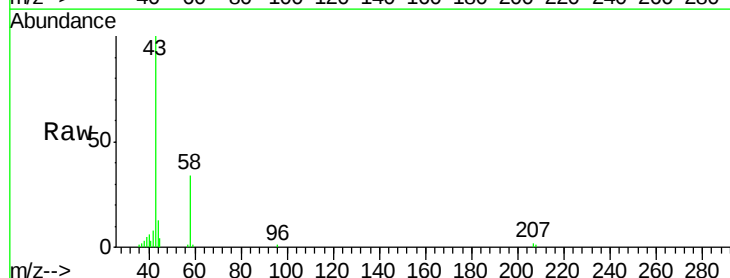
Acq: 29 Jun 2018 3:00

Tgt Ion: 43 Resp: 78276

Ion Ratio Lower Upper

43 100

58 34.3 22.4 33.6#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.82

30000

25000

20000

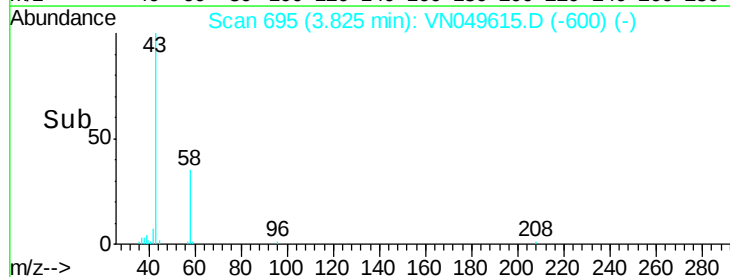
15000

10000

5000

0

Time-->

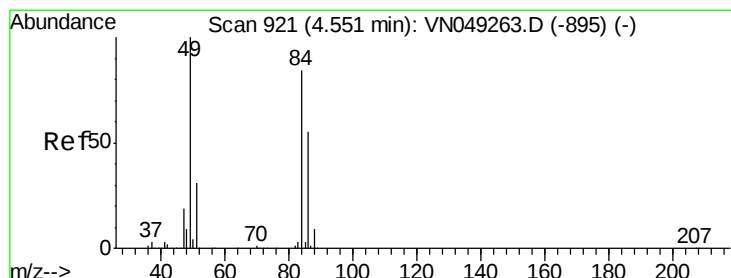
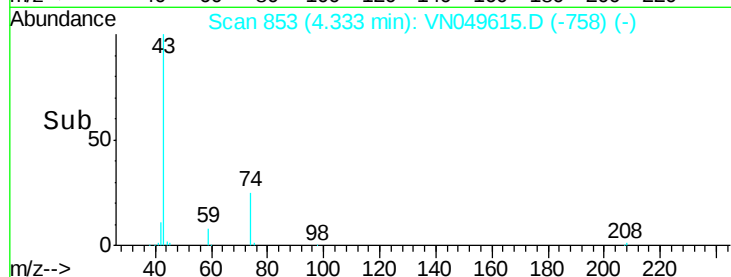
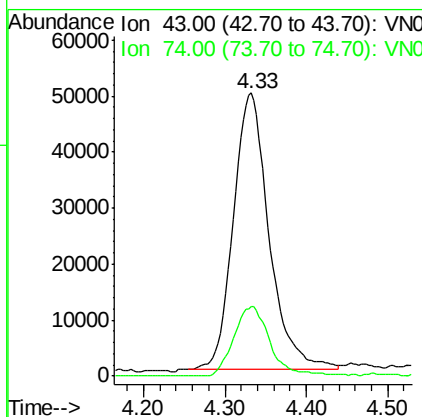
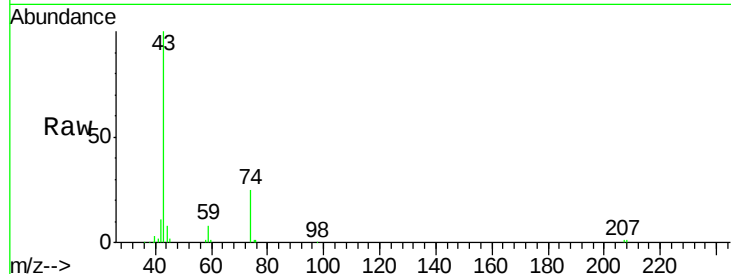




#18
Methvl Acetate
Concen: 13.72 ug/l
RT: 4.33 min Scan# 853
Delta R.T. 0.01 min
Lab File: VN049615.D
Acq: 29 Jun 2018 3:00

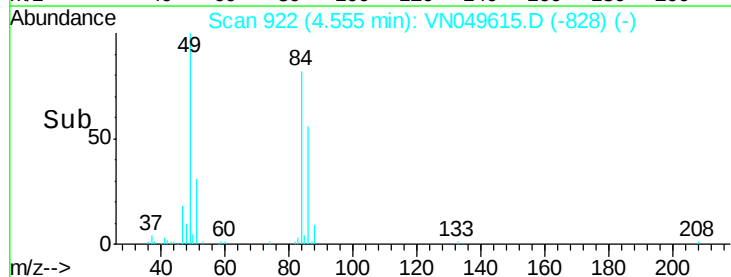
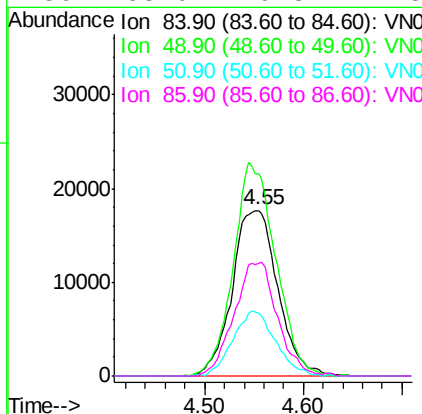
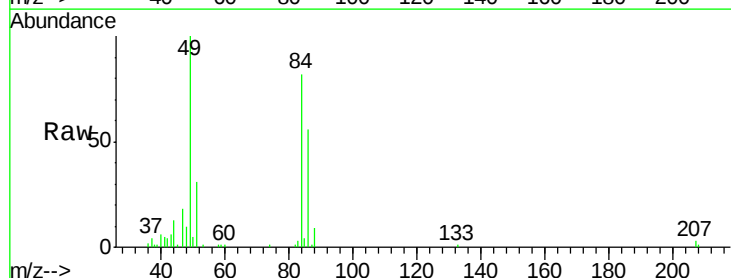
Instrument :
MSVOA_N
ClientSampleId :
JC-02-062618-H

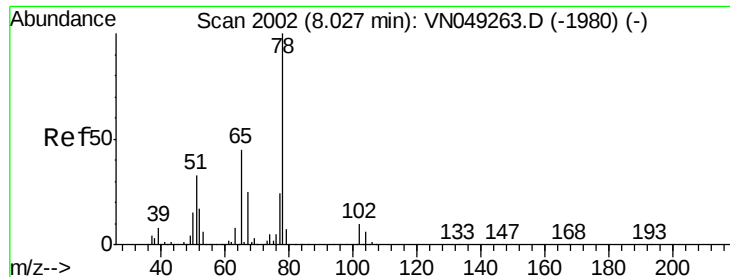
Tot Ion: 43 Resp: 150179
Ion Ratio Lower Upper
43 100
74 25.5 17.4 26.0



#20
Methylene Chloride
Concen: 3.78 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.00 min
Lab File: VN049615.D
Acq: 29 Jun 2018 3:00

Tgt Ion: 84 Resp: 56719
Ion Ratio Lower Upper
84 100
49 122.2 106.9 160.3
51 37.8 32.7 49.1
86 68.0 49.8 74.8





#33

1,2-Dichloroethane-d4

Concen: 49.09 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. 0.00 min

Lab File: VN049615.D

Acq: 29 Jun 2018 3:00

Instrument :

MSVOA_N

ClientSampleId :

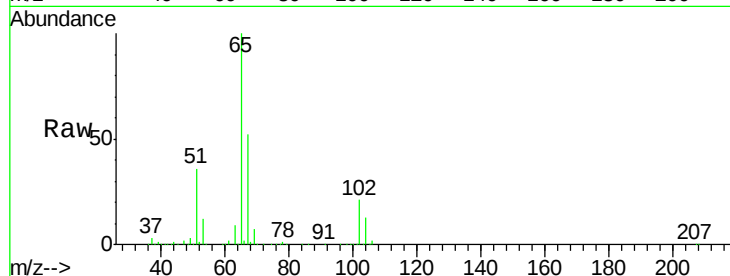
JC-02-062618-H

Tot Ion: 65 Resp: 725536

Ion Ratio Lower Upper

65 100

67 53.2 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) (-)

8.03

300000

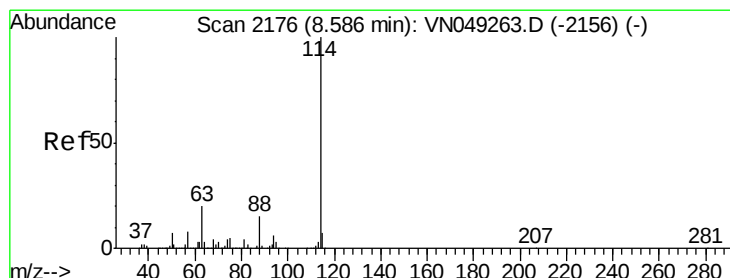
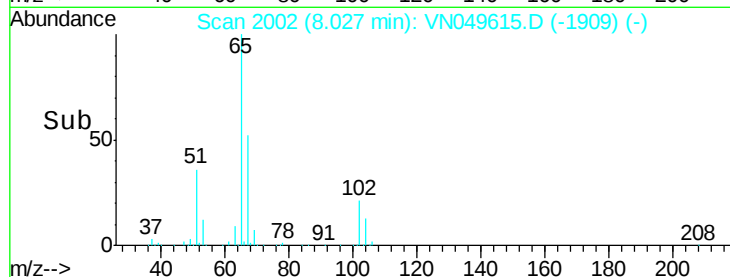
200000

100000

0

7.90 8.00 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN049615.D

Acq: 29 Jun 2018 3:00

Tgt Ion: 114 Resp: 1764616

Ion Ratio Lower Upper

114 100

63 20.3

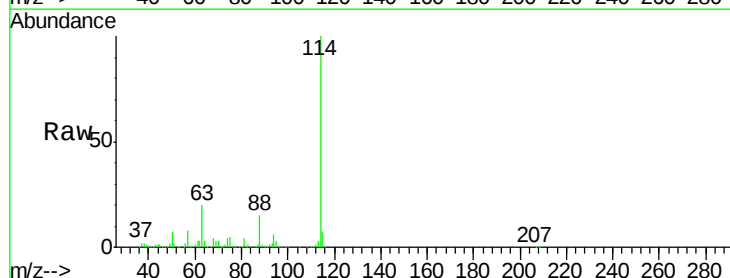
0.0

44.4

88 14.8

0.0

31.4



Abundance Ion 113.90 (113.60 to 114.60): VN049263.D (-2156) (-)

Ion 63.00 (62.70 to 63.70): VN049263.D (-2156) (-)

Ion 87.90 (87.60 to 88.60): VN049263.D (-2156) (-)

8.59

1000000

800000

600000

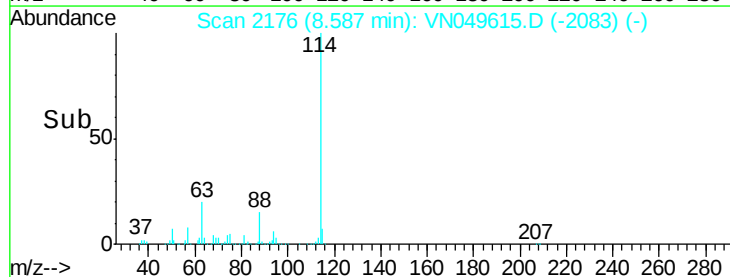
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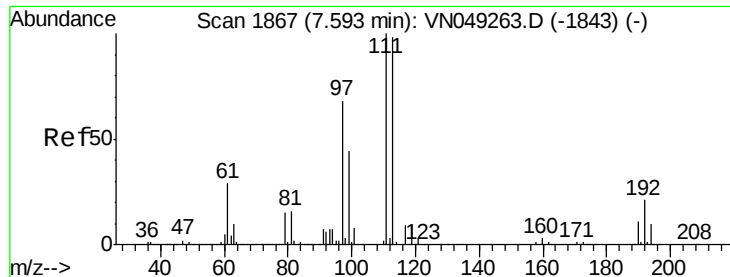
200000

0

8.50 8.60 8.70 8.80

Time-->

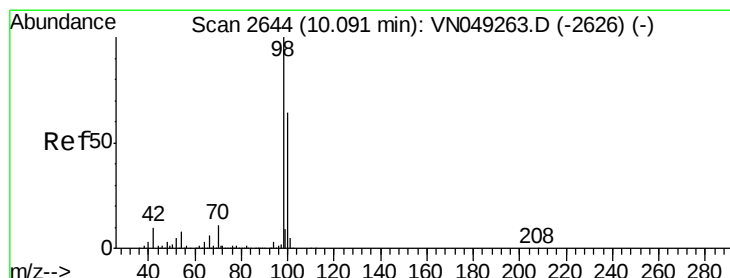
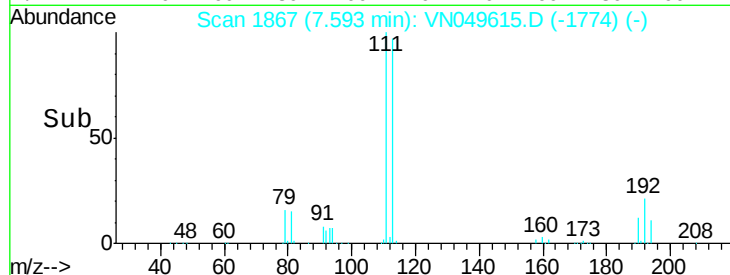
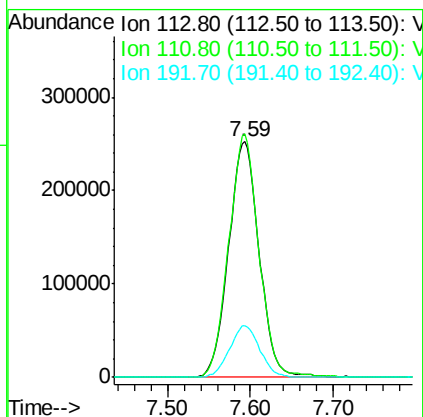
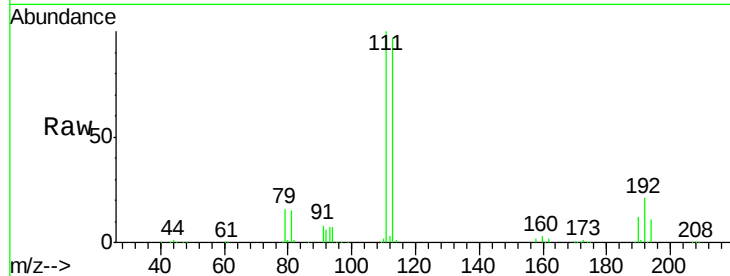




#35
Dibromofluoromethane
Concen: 45.36 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049615.D
Acq: 29 Jun 2018 3:00

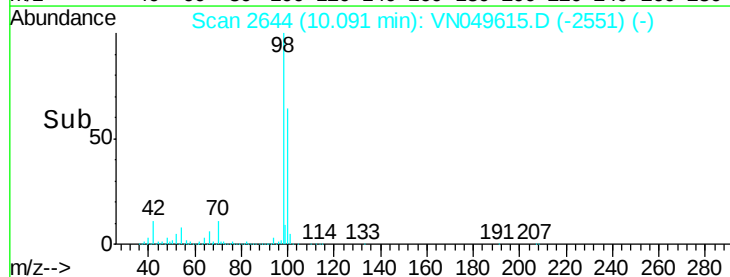
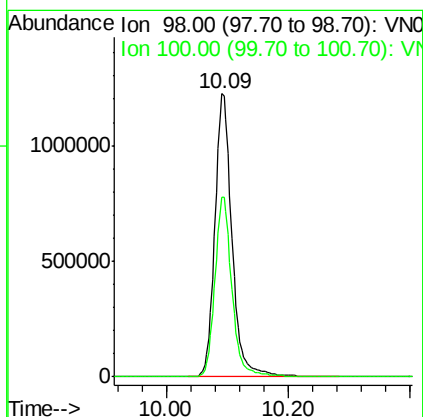
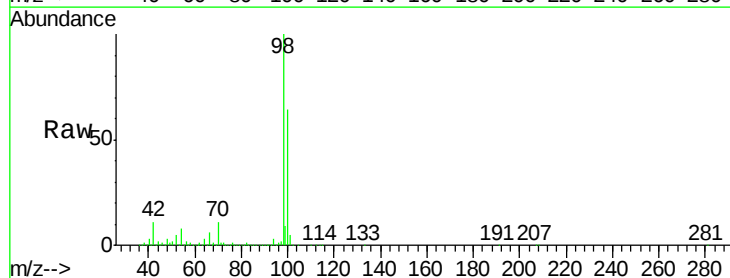
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JC-02-062618-H

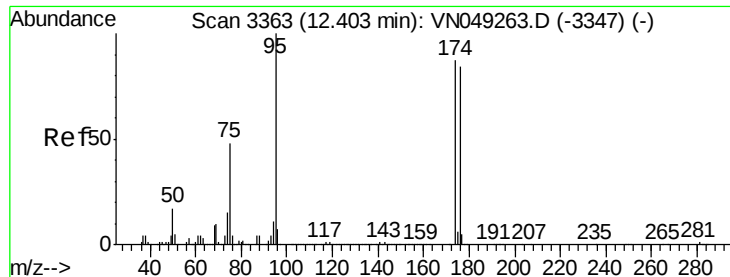
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	82.4	123.6
192	21.8	15.0	22.6



#50
Toluene-d8
Concen: 43.96 ug/l
RT: 10.09 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VN049615.D
Acq: 29 Jun 2018 3:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	49.8	74.8





#62

4-Bromofluorobenzene

Concen: 38.97 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN049615.D

Acq: 29 Jun 2018 3:00

Instrument :

MSVOA_N

ClientSampleId :

JC-02-062618-H

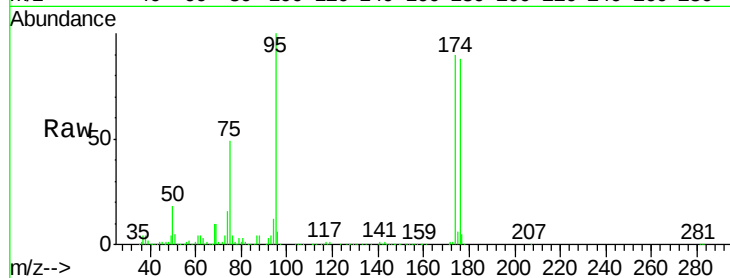
Tot Ion: 95 Resp: 700469

Ion Ratio Lower Upper

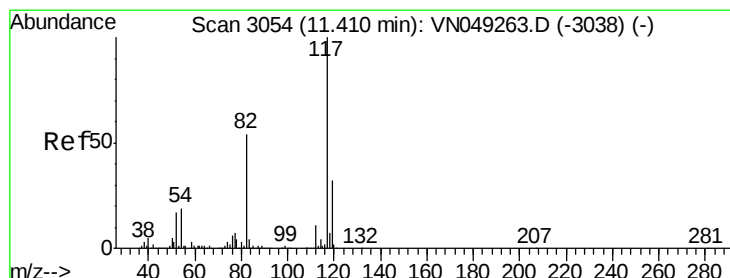
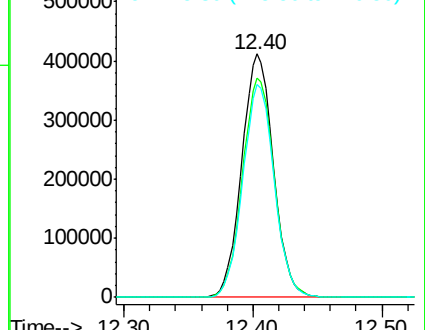
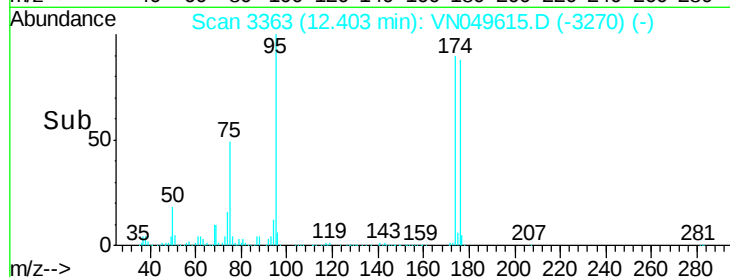
95 100

174 90.9 0.0 165.6

176 87.4 0.0 157.4



Abundance Ion 94.90 (94.60 to 95.60): VN049615.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN049615.D

Acq: 29 Jun 2018 3:00

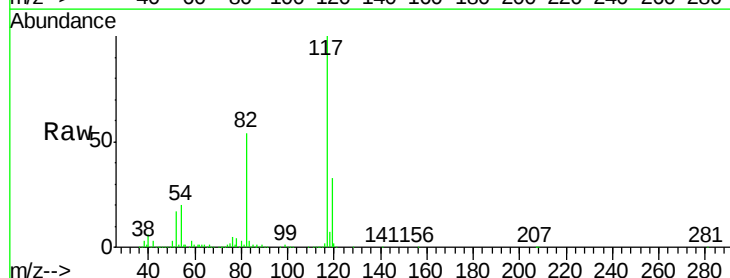
Tgt Ion: 117 Resp: 1477485

Ion Ratio Lower Upper

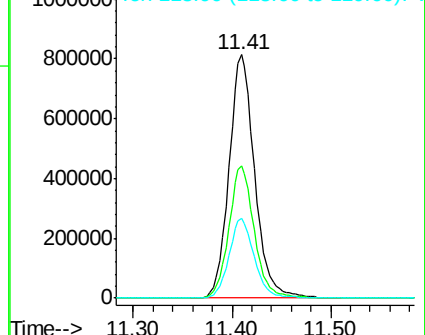
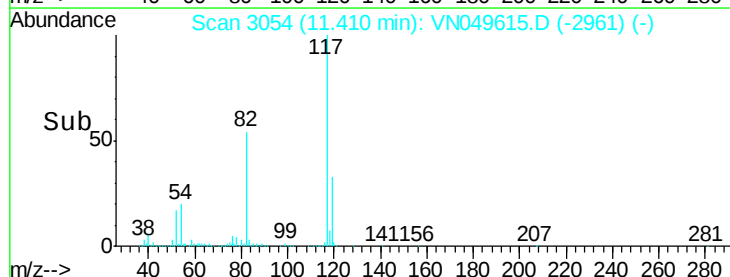
117 100

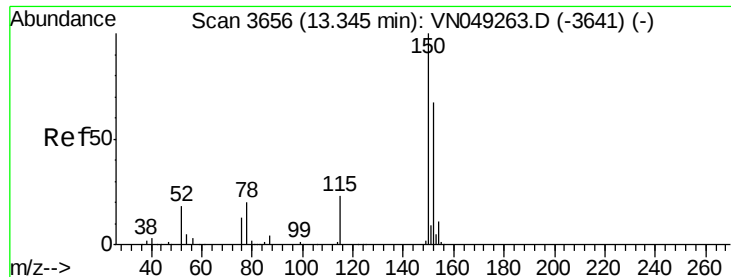
82 54.3 45.9 68.9

119 32.7 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VN049615.D (-2961) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN049615.D

Acq: 29 Jun 2018 3:00

Instrument :

MSVOA_N

ClientSampleId :

JC-02-062618-H

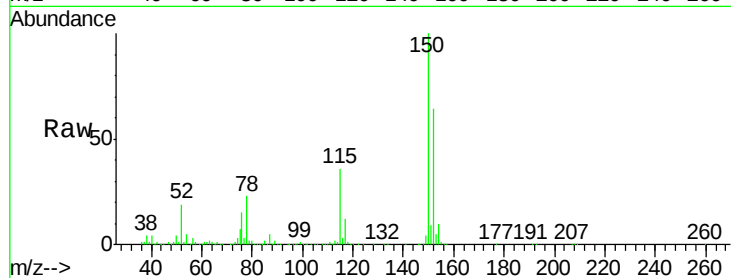
Tot Ion:152 Resp: 594992

Ion Ratio Lower Upper

152 100

115 56.0 28.7 86.1

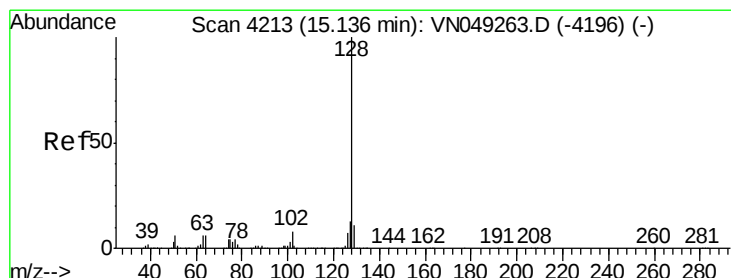
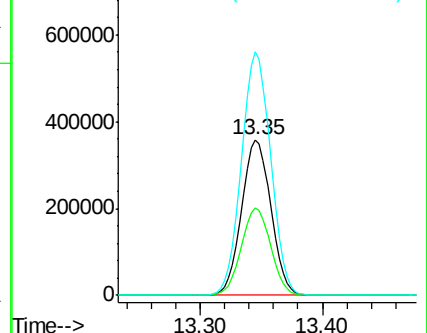
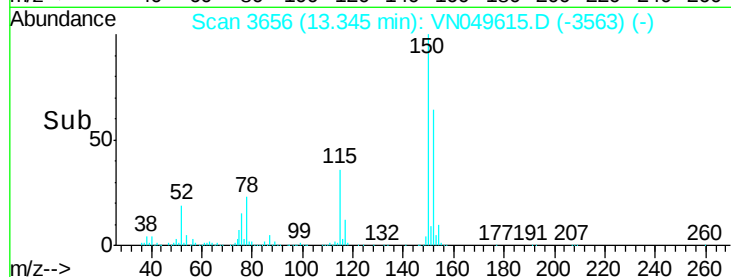
150 155.9 0.0 351.0



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: 33.69 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN049615.D

Acq: 29 Jun 2018 3:00

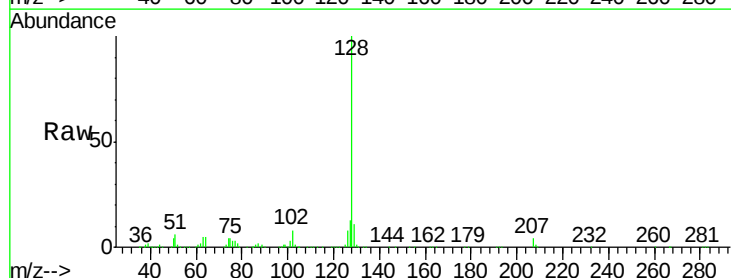
Tgt Ion:128 Resp: 570916

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 11.2 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

