

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070218\
 Data File : VN049671.D
 Acq On : 2 Jul 2018 16:01
 Operator : MD\SY
 Sample : J3798-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-7-12

Quant Time: Jul 03 04:34:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062918W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 30 00:55:30 2018
 Response via : Initial Calibration

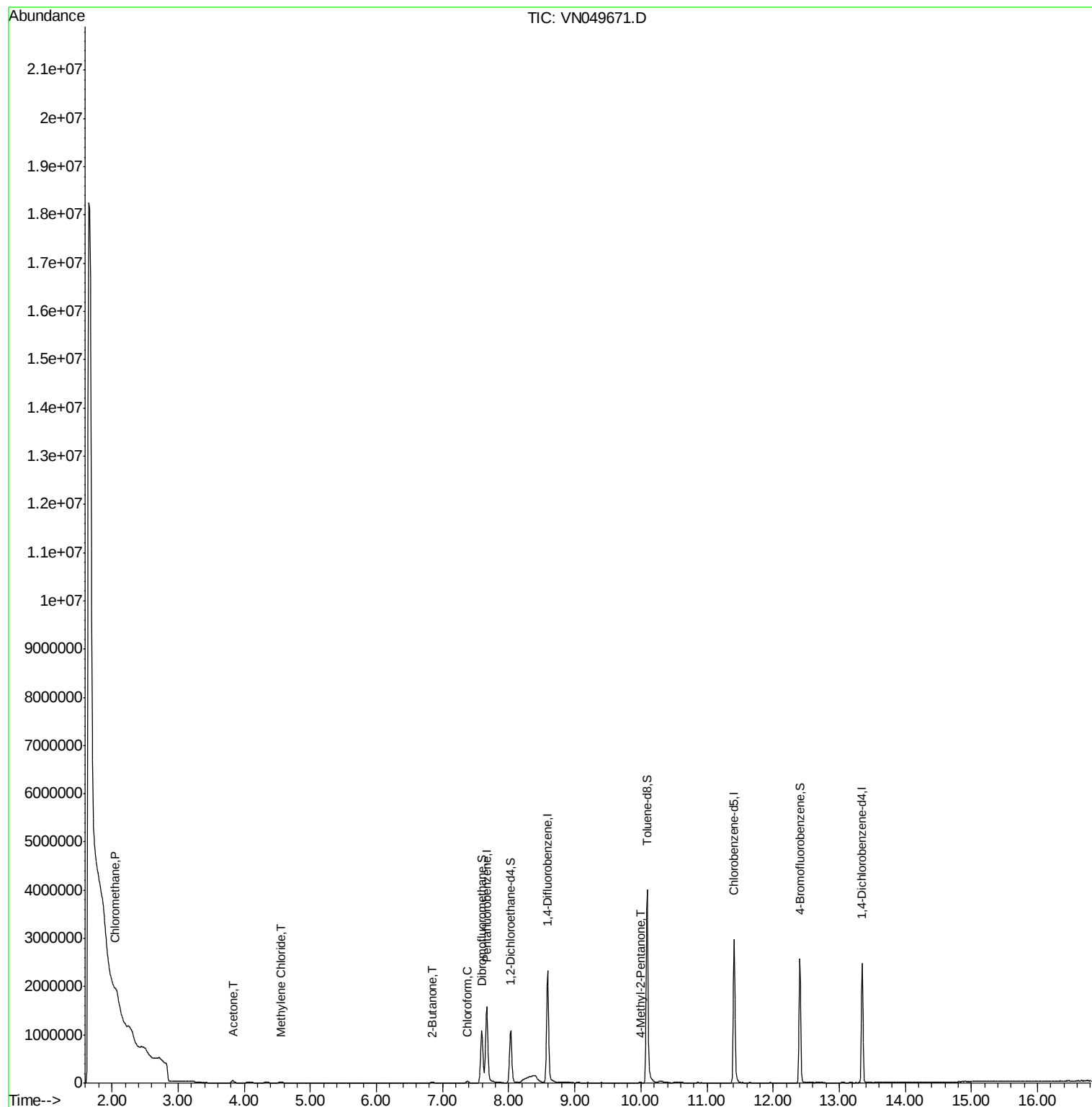
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1425156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2265257	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1896693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	721392	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	964263	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
35) Dibromofluoromethane	7.59	113	834145	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.52%	
50) Toluene-d8	10.09	98	3073417	46.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.72%	
62) 4-Bromofluorobenzene	12.40	95	894627	39.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.06%	
Target Compounds						
3) Chloromethane	2.06	50	4315	0.22	ug/l	97
16) Acetone	3.83	43	85477	15.11	ug/l	96
20) Methylene Chloride	4.56	84	14125	0.73	ug/l	94
25) 2-Butanone	6.85	43	17173	2.75	ug/l	99
30) Chloroform	7.37	83	38383	1.15	ug/l	98
51) 4-Methyl-2-Pentanone	9.99	43	5247	0.36	ug/l	99

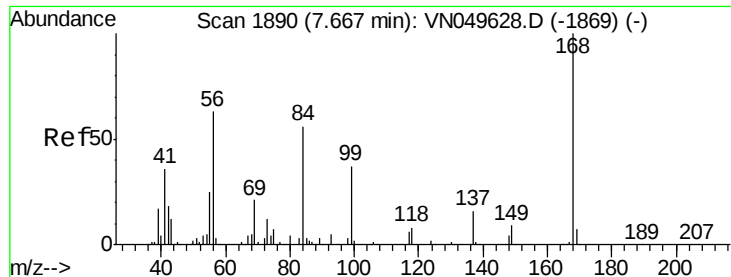
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 30 00:55:30 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: VN049671.D

Acq: 2 Jul 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

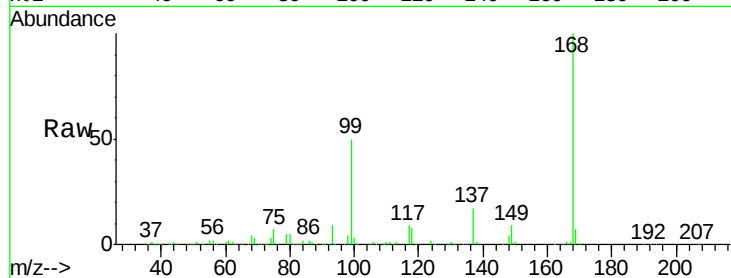
DRUM-7-12

Tot Ion:168 Resp: 1425156

Ion Ratio Lower Upper

168 100

99 49.8 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

600000

500000

400000

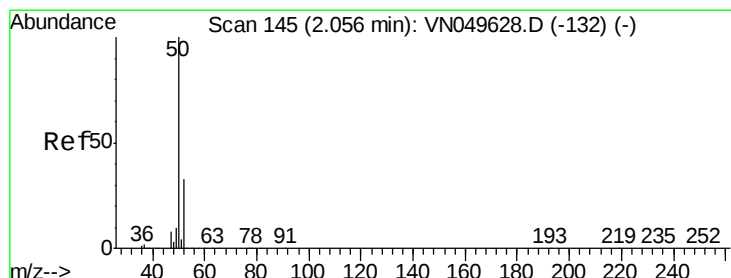
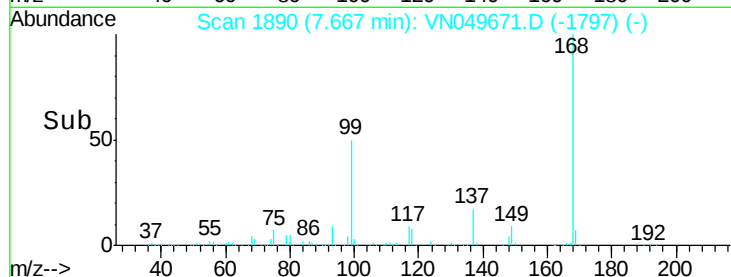
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 0.22 ug/l

RT: 2.06 min Scan# 145

Delta R.T. -0.00 min

Lab File: VN049671.D

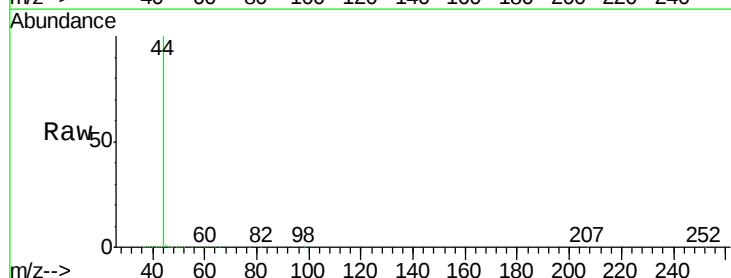
Acq: 2 Jul 2018 16:01

Tgt Ion: 50 Resp: 4315

Ion Ratio Lower Upper

50 100

52 34.6 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.06

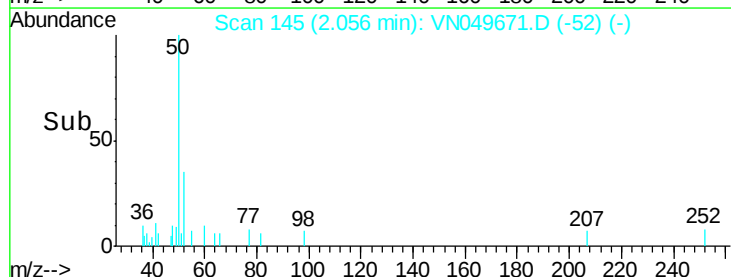
3000

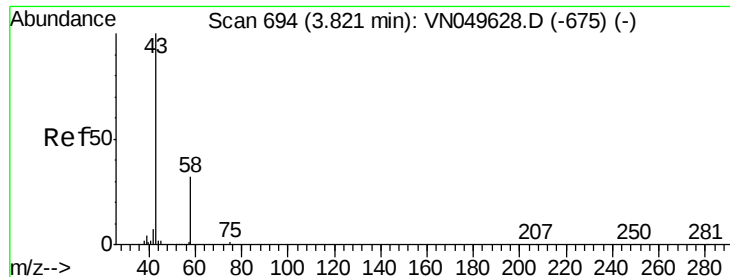
2000

1000

0

Time-->





#16

Acetone

Concen: 15.11 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049671.D

Acq: 2 Jul 2018 16:01

Instrument :

MSVOA_N

ClientSampled :

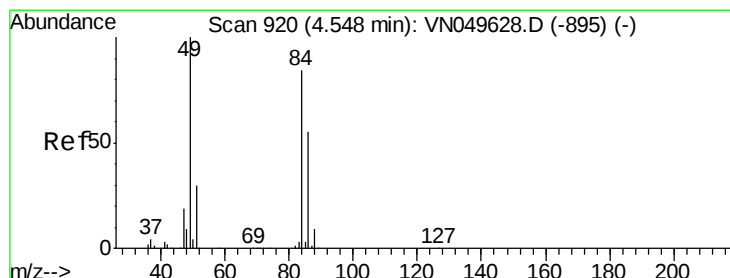
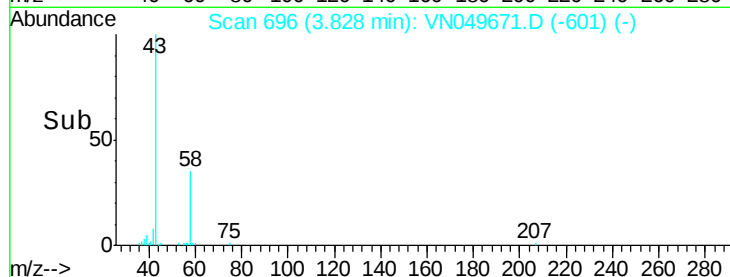
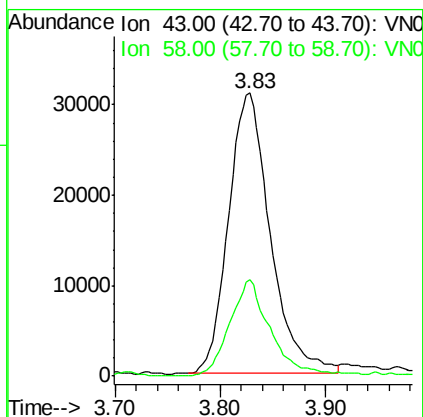
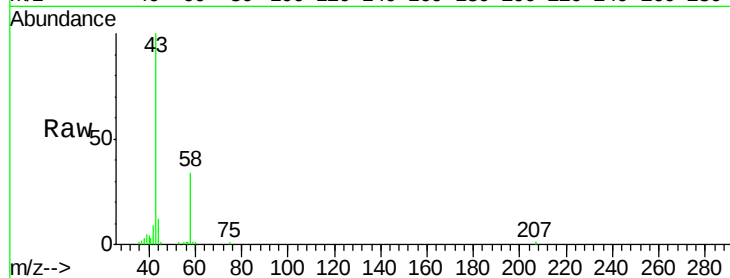
DRUM-7-12

Tot Ion: 43 Resp: 85477

Ion Ratio Lower Upper

43 100

58 34.5 25.9 38.9



#20

Methylene Chloride

Concen: 0.73 ug/l

RT: 4.56 min Scan# 923

Delta R.T. 0.01 min

Lab File: VN049671.D

Acq: 2 Jul 2018 16:01

Tgt Ion: 84 Resp: 14125

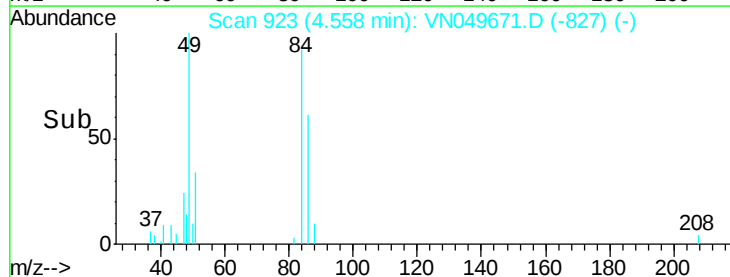
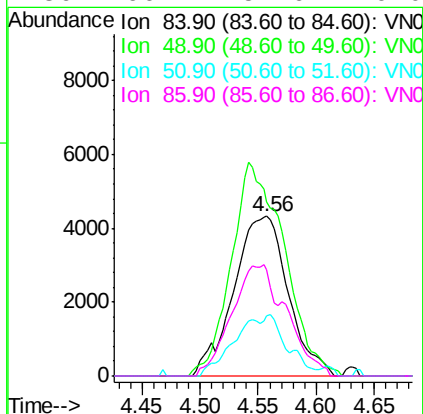
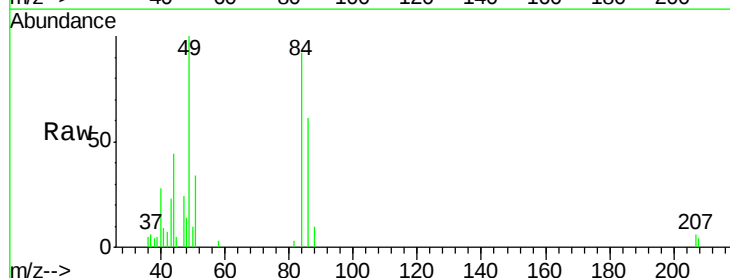
Ion Ratio Lower Upper

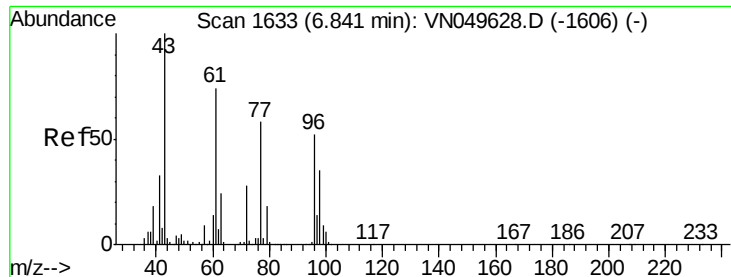
84 100

49 109.1 95.4 143.2

51 37.5 28.4 42.6

86 66.1 52.6 79.0





#25

2-Butanone

Concen: 2.75 ug/l

RT: 6.85 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VN049671.D

Acq: 2 Jul 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

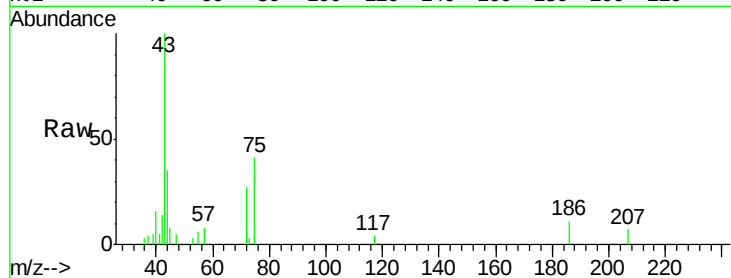
DRUM-7-12

Tot Ion: 43 Resp: 17173

Ion Ratio Lower Upper

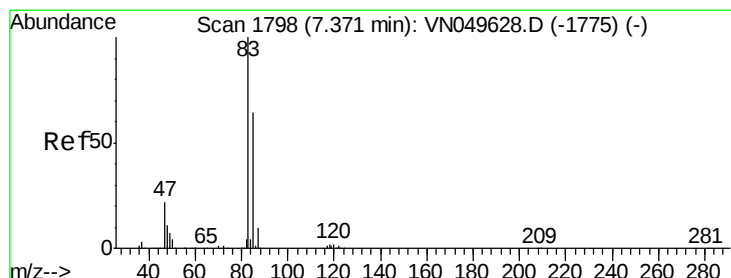
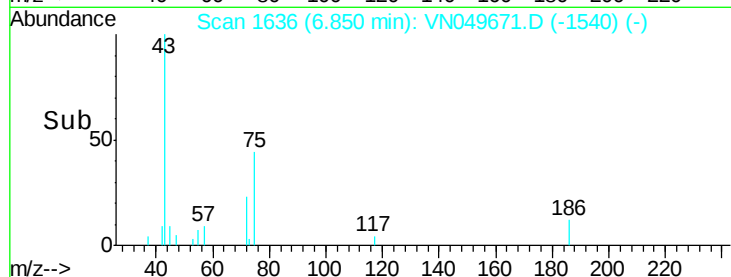
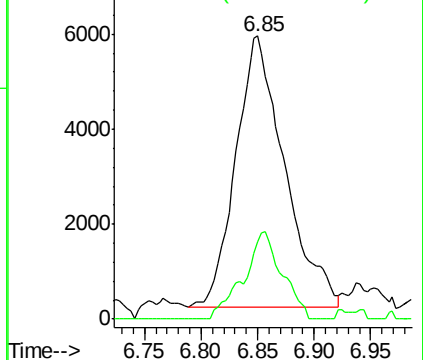
43 100

72 28.3 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#30

Chloroform

Concen: 1.15 ug/l

RT: 7.37 min Scan# 1799

Delta R.T. 0.00 min

Lab File: VN049671.D

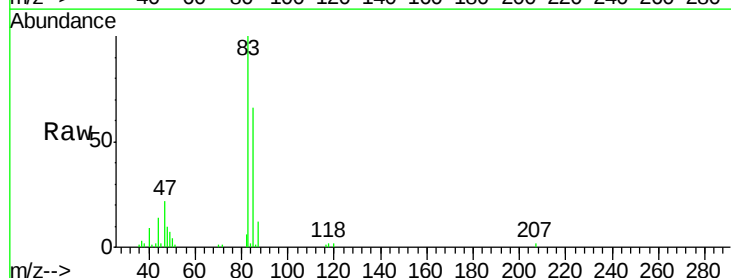
Acq: 2 Jul 2018 16:01

Tgt Ion: 83 Resp: 38383

Ion Ratio Lower Upper

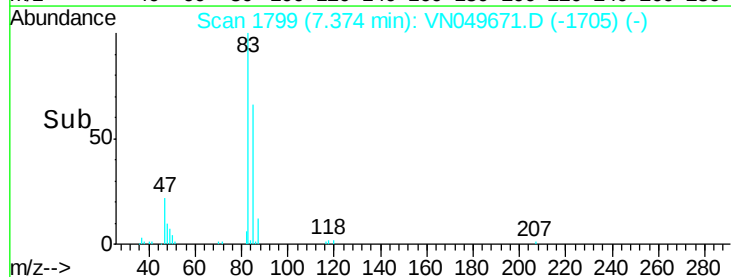
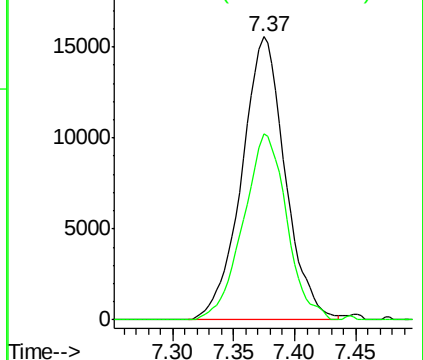
83 100

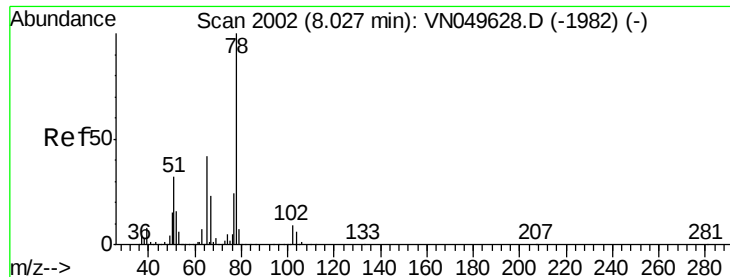
85 65.6 51.4 77.2



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0





#33

1,2-Dichloroethane-d4

Concen: 51.23 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN049671.D

Acq: 2 Jul 2018 16:01

Instrument :

MSVOA_N

ClientSampleId :

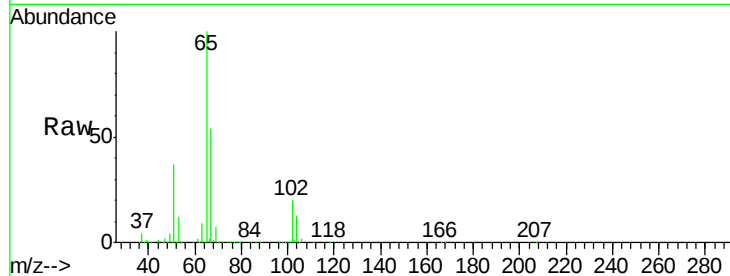
DRUM-7-12

Tot Ion: 65 Resp: 964263

Ion Ratio Lower Upper

65 100

67 53.4 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VN049628.D (-1982) (-)

Ion 66.90 (66.60 to 67.60): VN049628.D (-1982) (-)

8.03

400000

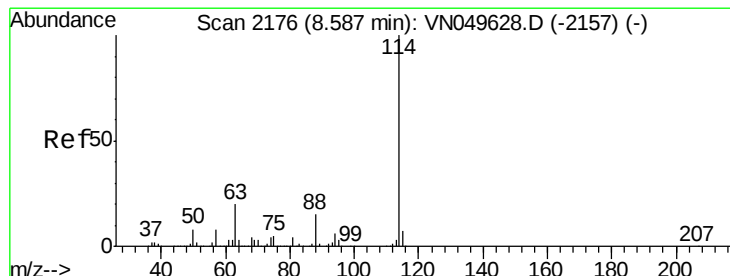
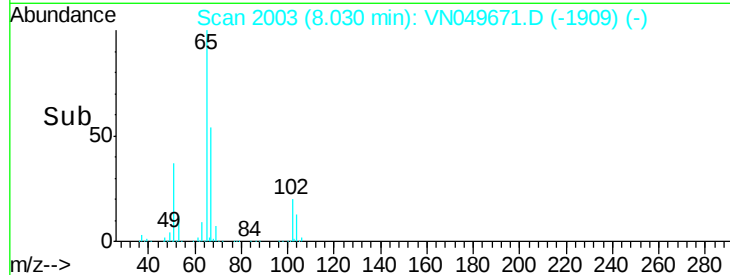
300000

200000

100000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN049671.D

Acq: 2 Jul 2018 16:01

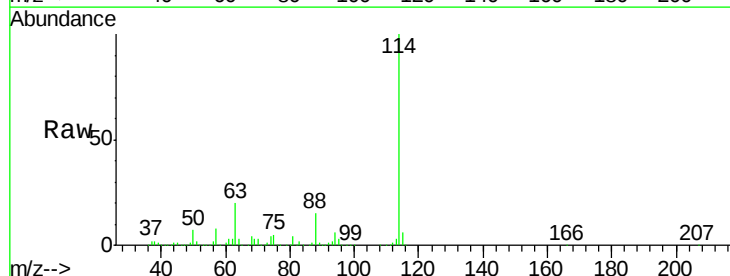
Tgt Ion: 114 Resp: 2265257

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.8

88 15.1 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): VN049628.D (-2157) (-)

Ion 63.00 (62.70 to 63.70): VN049628.D (-2157) (-)

Ion 87.90 (87.60 to 88.60): VN049628.D (-2157) (-)

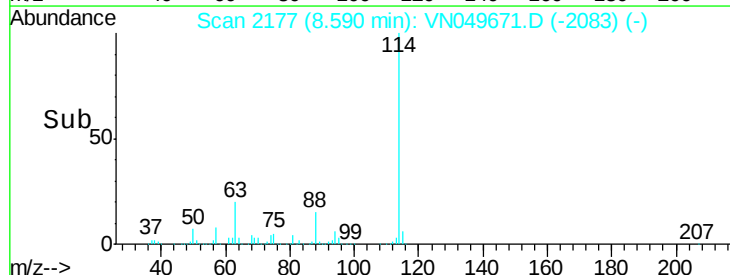
8.59

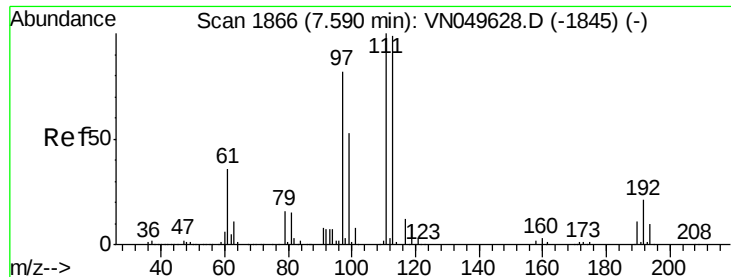
1000000

500000

0

Time-->

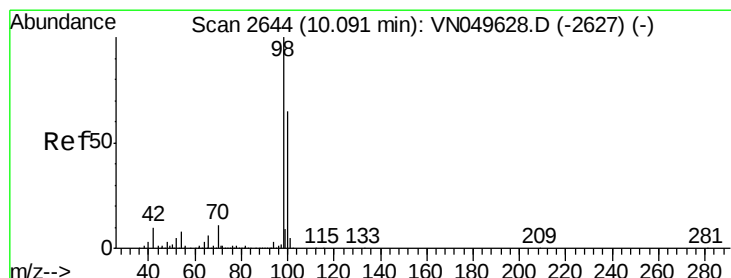
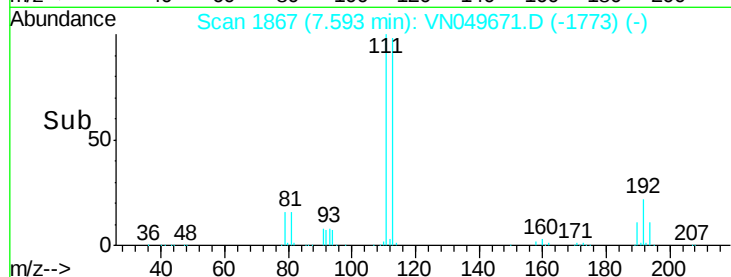
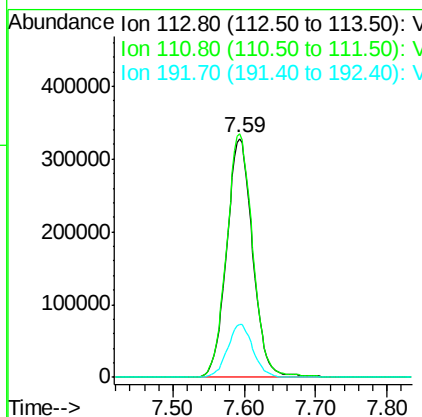
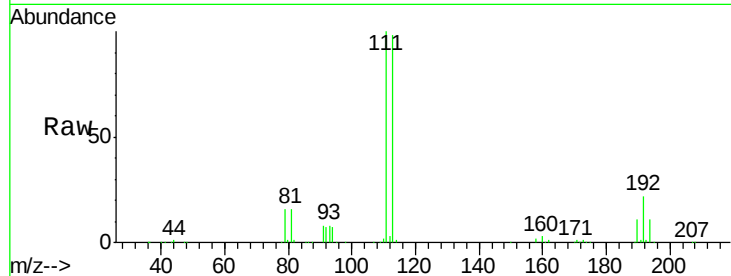




#35
 Dibromofluoromethane
 Concen: 49.26 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN049671.D
 Acq: 2 Jul 2018 16:01

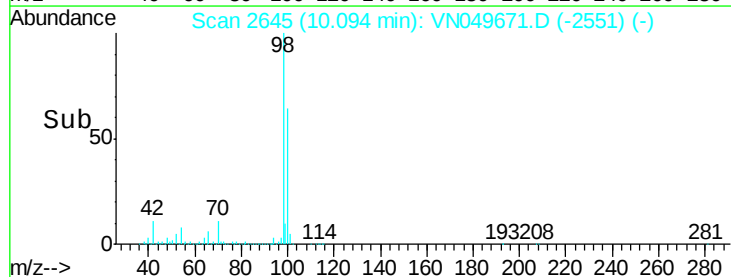
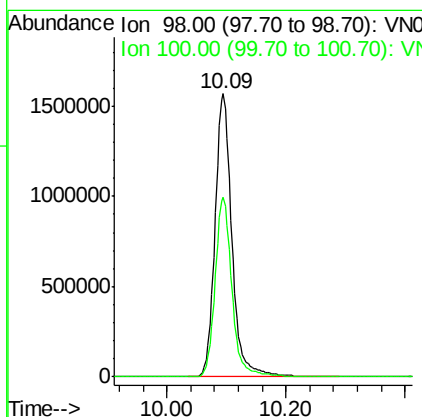
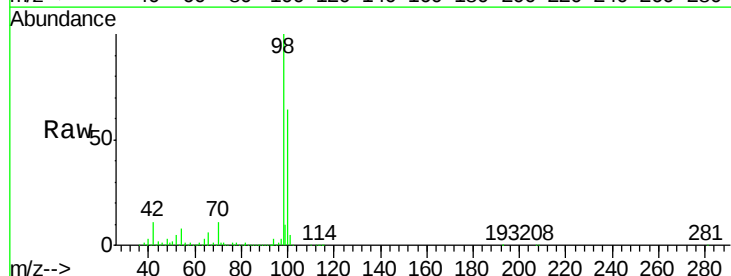
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-7-12

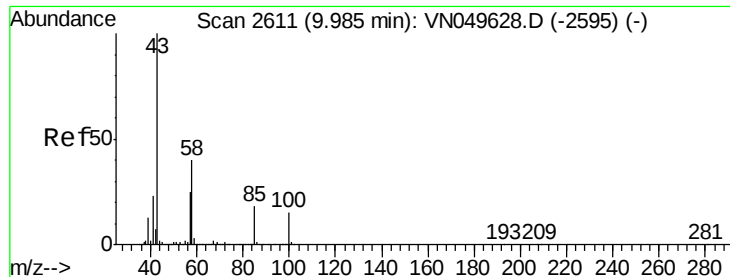
Tot Ion:113 Resp: 834145
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.8 122.8
 192 22.0 17.8 26.6



#50
 Toluene-d8
 Concen: 46.36 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN049671.D
 Acq: 2 Jul 2018 16:01

Tgt Ion: 98 Resp: 3073417
 Ion Ratio Lower Upper
 98 100
 100 63.4 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 0.36 ug/l

RT: 9.99 min Scan# 2611

Delta R.T. -0.00 min

Lab File: VN049671.D

Acq: 2 Jul 2018 16:01

Instrument :

MSVOA_N

ClientSampled :

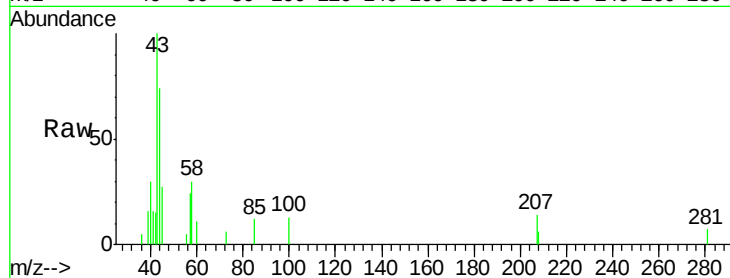
DRUM-7-12

Tot Ion: 43 Resp: 5247

Ion Ratio Lower Upper

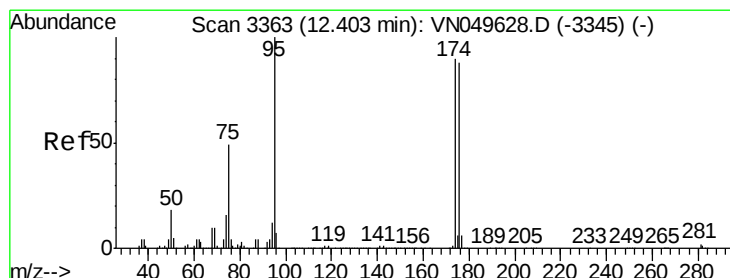
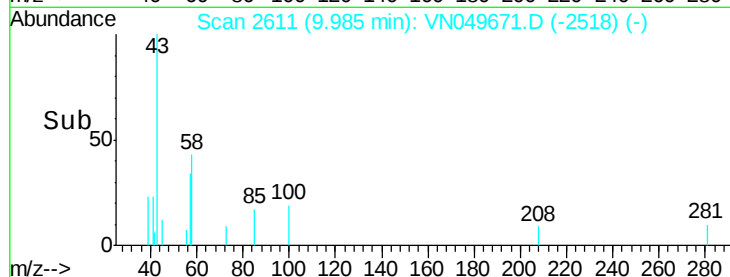
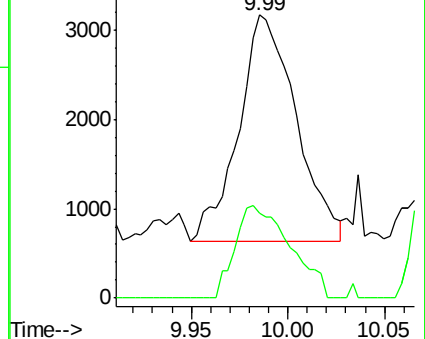
43 100

58 39.0 31.8 47.8



Abundance Ion 43.00 (42.70 to 43.70): VN049628.D (-2595) (-)

Ion 58.00 (57.70 to 58.70): VN049628.D (-2595) (-)



#62

4-Bromofluorobenzene

Concen: 39.53 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049671.D

Acq: 2 Jul 2018 16:01

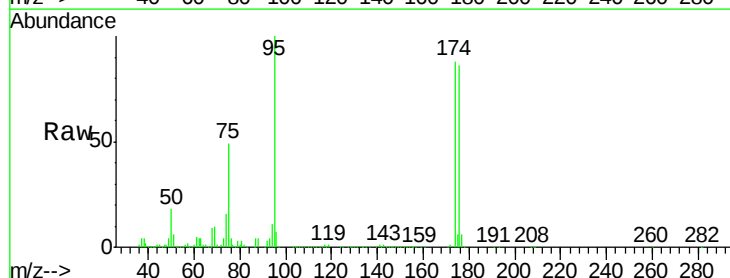
Tgt Ion: 95 Resp: 894627

Ion Ratio Lower Upper

95 100

174 90.3 0.0 179.6

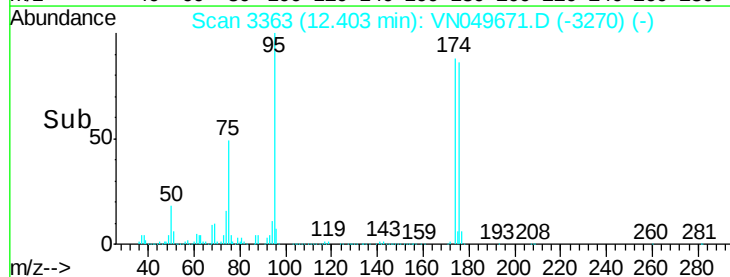
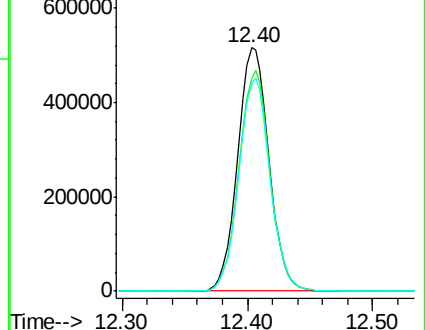
176 87.1 0.0 174.0

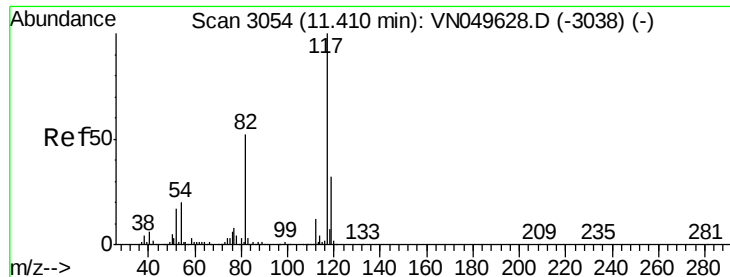


Abundance Ion 94.90 (94.60 to 95.60): VN049628.D (-3345) (-)

Ion 173.80 (173.50 to 174.50): VN049628.D (-3345) (-)

Ion 175.80 (175.50 to 176.50): VN049628.D (-3345) (-)

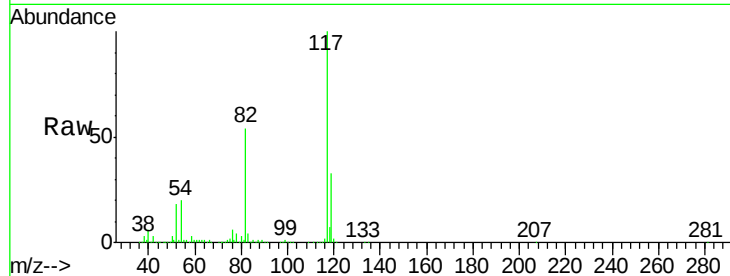




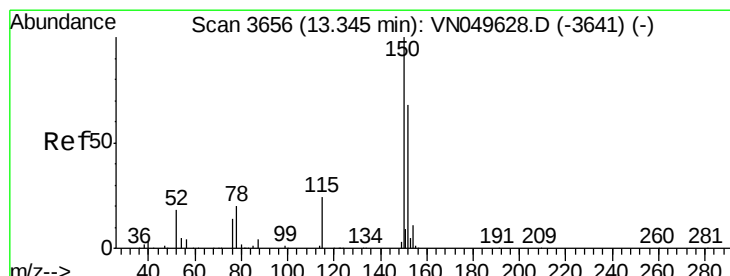
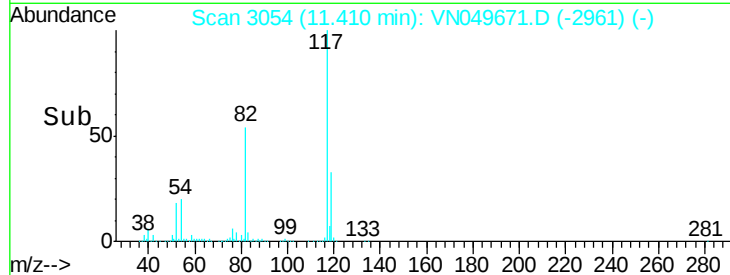
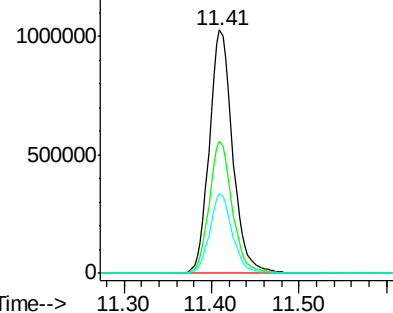
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN049671.D
Acq: 2 Jul 2018 16:01

Instrument :
MSVOA_N
ClientSampled :
DRUM-7-12

Tot Ion:117 Resp: 1896693
Ion Ratio Lower Upper
117 100
82 54.1 41.9 62.9
119 32.6 25.4 38.2

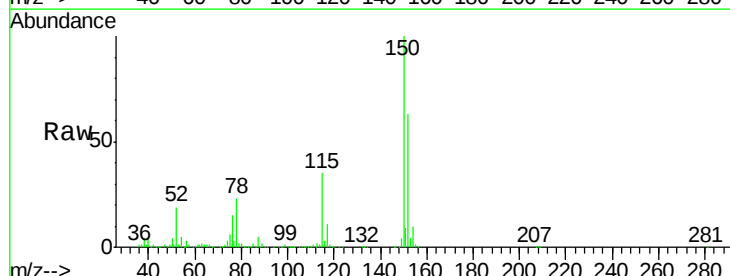


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3657
Delta R.T. 0.00 min
Lab File: VN049671.D
Acq: 2 Jul 2018 16:01

Tgt Ion:152 Resp: 721392
Ion Ratio Lower Upper
152 100
115 55.6 28.1 84.2
150 156.7 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

