

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070318\
 Data File : VN049701.D
 Acq On : 3 Jul 2018 18:31
 Operator : MD\SY
 Sample : PB110796ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110796ZHE#04

Quant Time: Jul 04 00:28:40 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

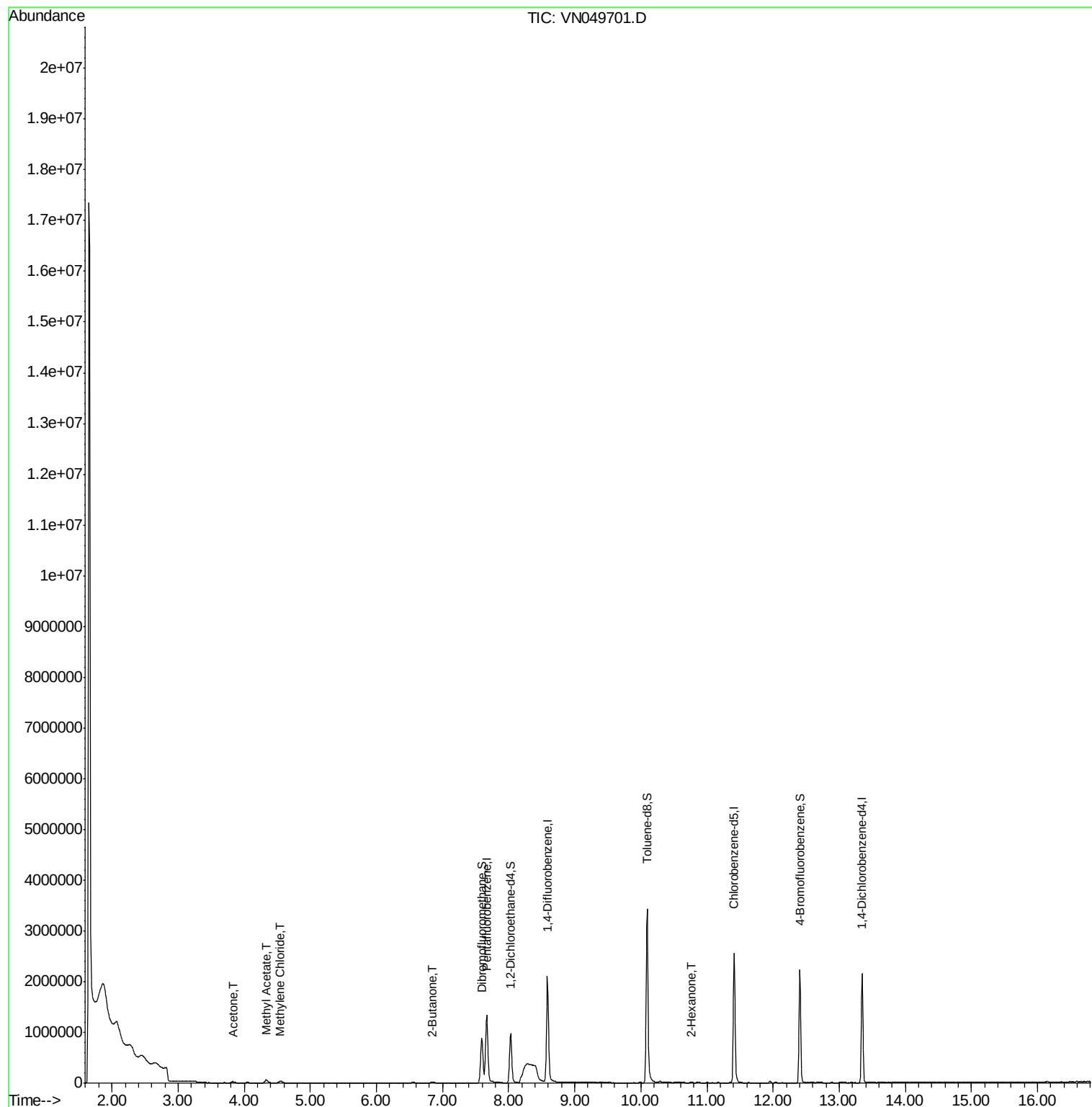
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1199955	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1991890	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1620774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	624689	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	841757	53.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.24%	
35) Dibromofluoromethane	7.59	113	690675	46.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.76%	
50) Toluene-d8	10.09	98	2625215	45.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.08%	
62) 4-Bromofluorobenzene	12.40	95	756456	38.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.02%	
Target Compounds						
16) Acetone	3.83	43	43177	5.761	ug/l	99
18) Methyl Acetate	4.34	43	109457	2.639	ug/l	99
20) Methylene Chloride	4.55	84	28722	1.760	ug/l	95
25) 2-Butanone	6.85	43	23093	4.390	ug/l	98
59) 2-Hexanone	10.76	43	9486	1.119	ug/l	88

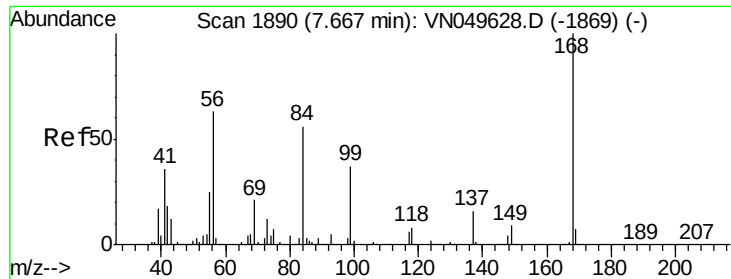
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Jun 30 00:55:30 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN049701.D

Acq: 3 Jul 2018 18:31

Instrument :

MSVOA_N

ClientSampleId :

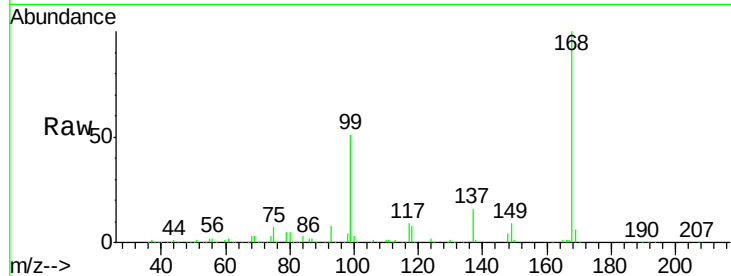
PB110796ZHE#04

Tot Ion:168 Resp: 1199955

Ion Ratio Lower Upper

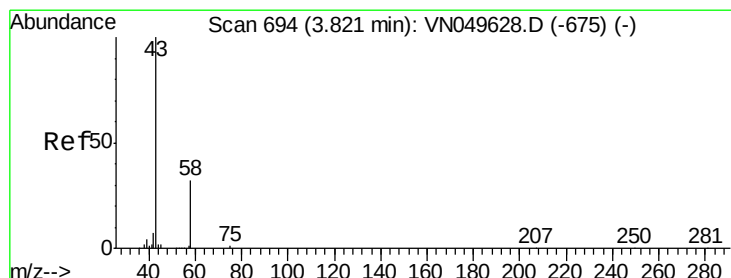
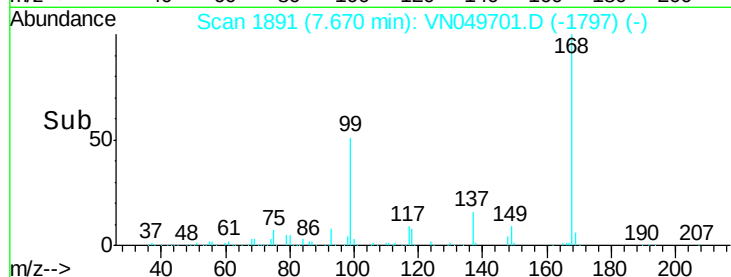
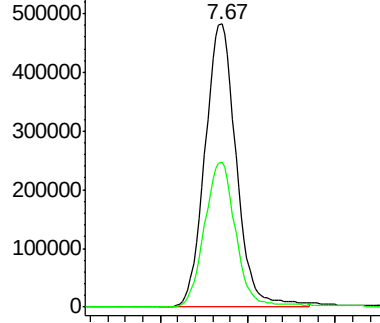
168 100

99 51.3 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 5.761 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049701.D

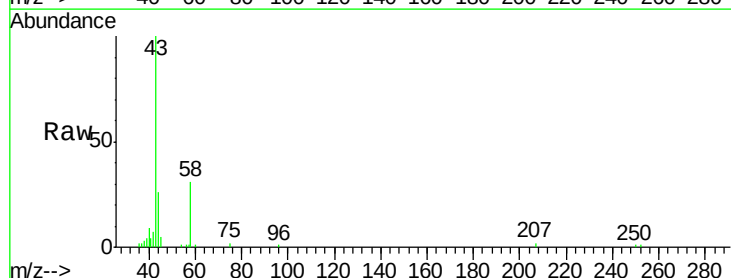
Acq: 3 Jul 2018 18:31

Tgt Ion: 43 Resp: 43177

Ion Ratio Lower Upper

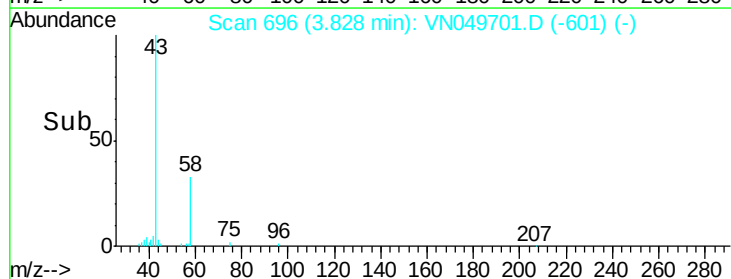
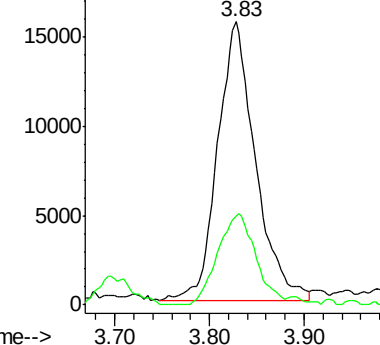
43 100

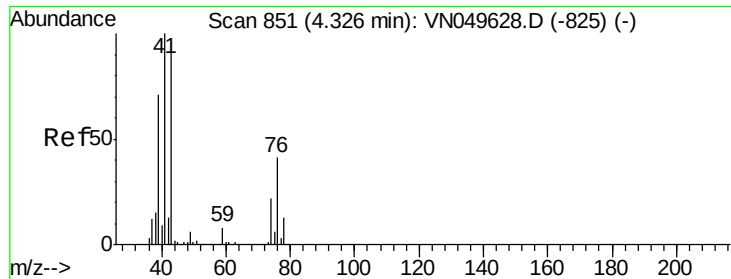
58 32.0 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#18

Methvl Acetate

Concen: 2.639 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.01 min

Lab File: VN049701.D

Acq: 3 Jul 2018 18:31

Instrument :

MSVOA_N

ClientSampleId :

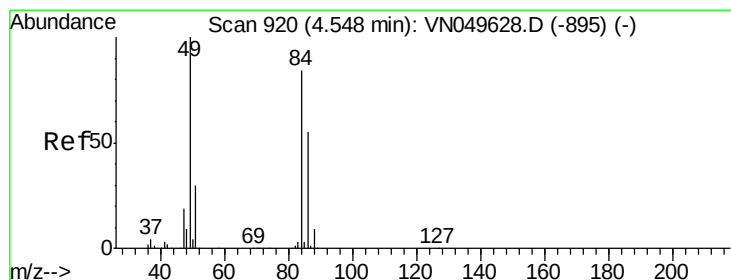
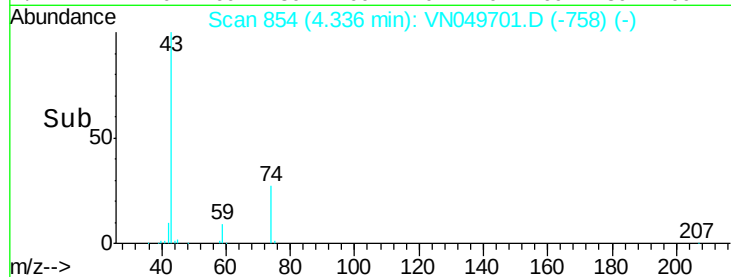
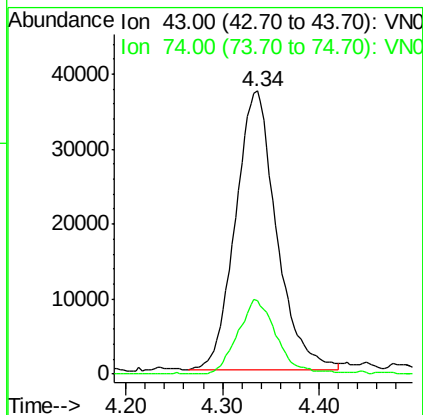
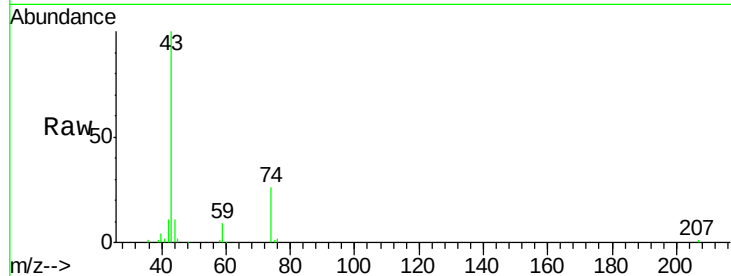
PB110796ZHE#04

Tot Ion: 43 Resp: 109457

Ion Ratio Lower Upper

43 100

74 25.3 19.8 29.8



#20

Methylene Chloride

Concen: 1.760 ug/l

RT: 4.55 min Scan# 921

Delta R.T. 0.00 min

Lab File: VN049701.D

Acq: 3 Jul 2018 18:31

Tgt Ion: 84 Resp: 28722

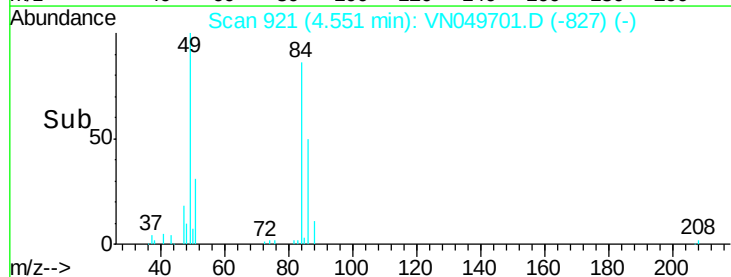
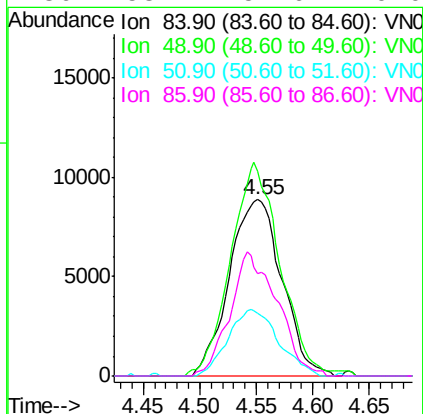
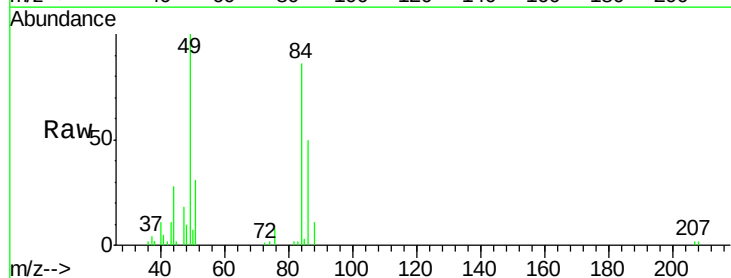
Ion Ratio Lower Upper

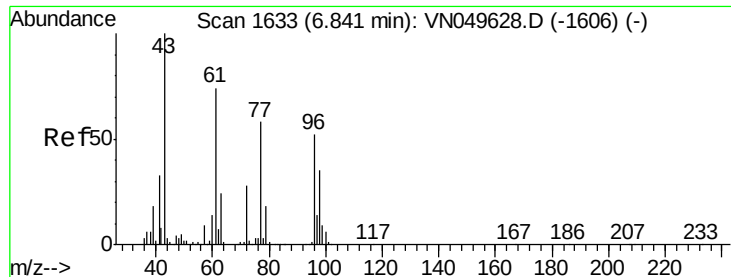
84 100

49 114.3 95.4 143.2

51 35.8 28.4 42.6

86 58.4 52.6 79.0

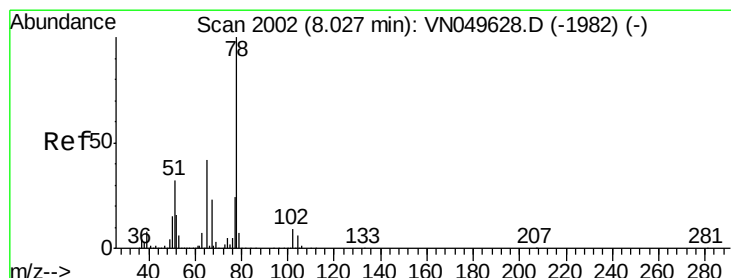
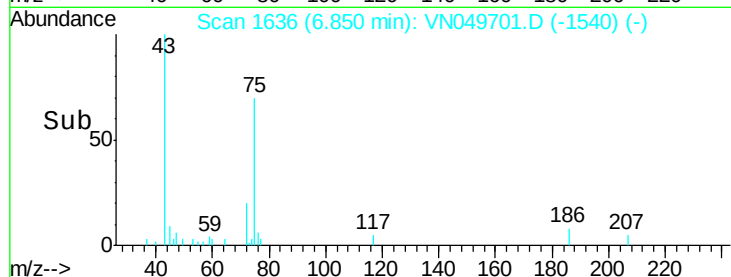
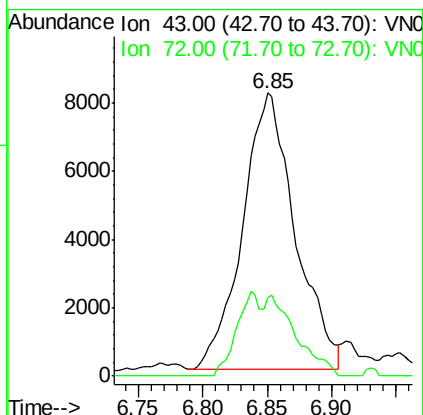
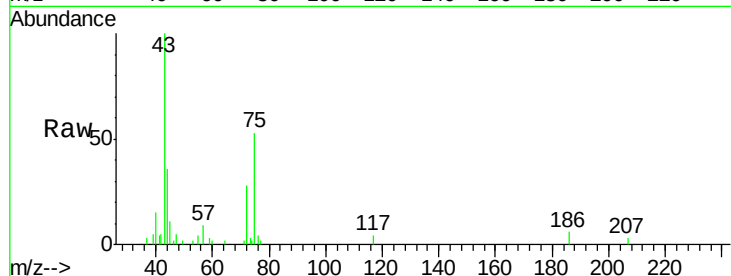




#25
2-Butanone
Concen: 4.390 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN049701.D
Acq: 3 Jul 2018 18:31

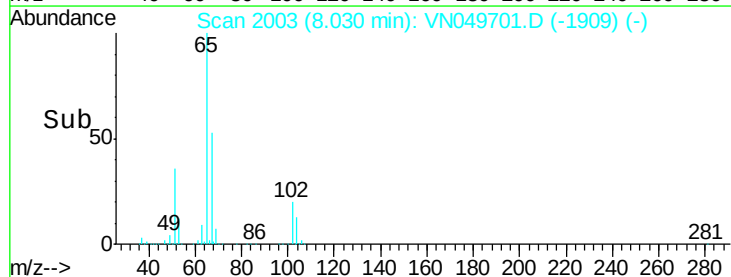
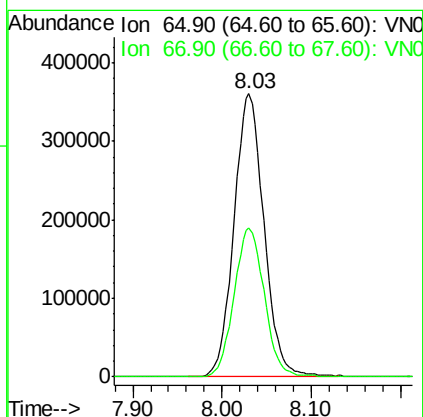
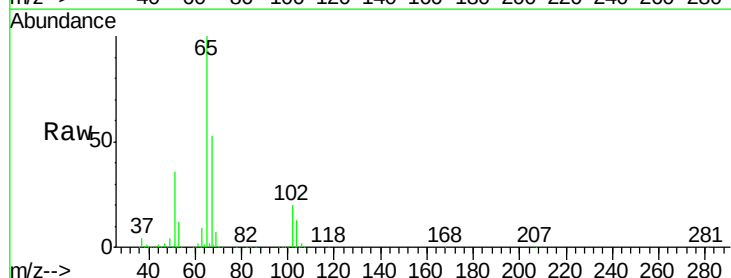
Instrument :
MSVOA_N
ClientSampleId :
PB110796ZHE#04

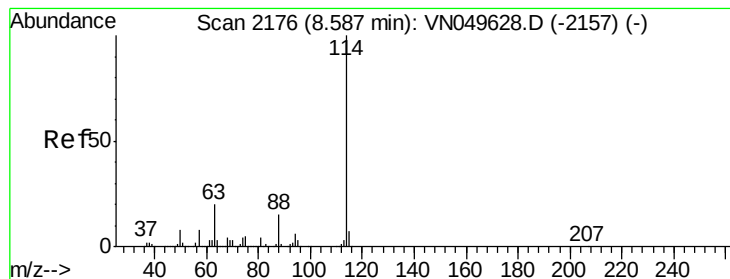
Tot Ion: 43 Resp: 23093
Ion Ratio Lower Upper
43 100
72 28.4 22.1 33.1



#33
1,2-Dichloroethane-d4
Concen: 53.119 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN049701.D
Acq: 3 Jul 2018 18:31

Tgt Ion: 65 Resp: 841757
Ion Ratio Lower Upper
65 100
67 53.1 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN049701.D

Acq: 3 Jul 2018 18:31

Instrument :

MSVOA_N

ClientSampleId :

PB110796ZHE#04

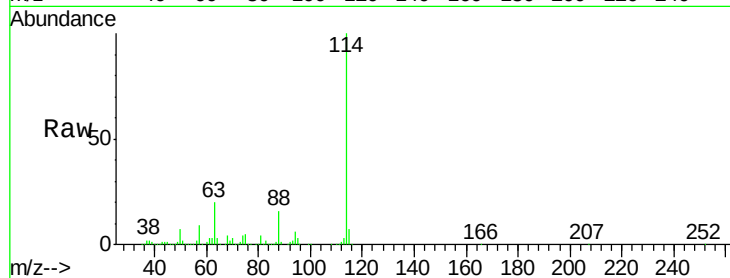
Tot Ion:114 Resp: 1991890

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.8

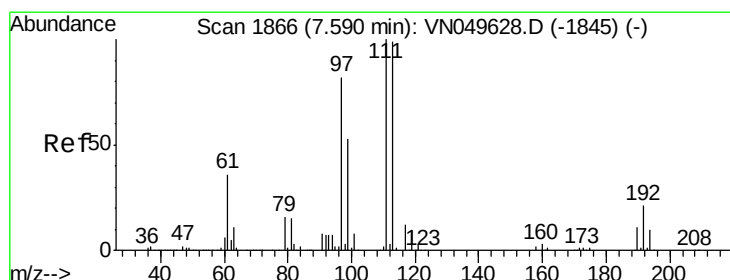
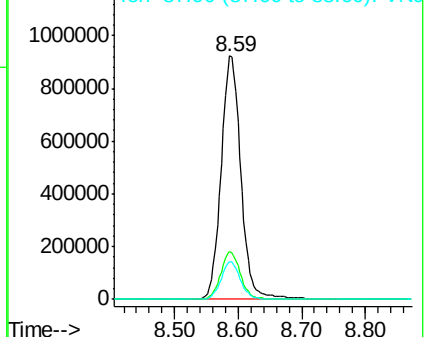
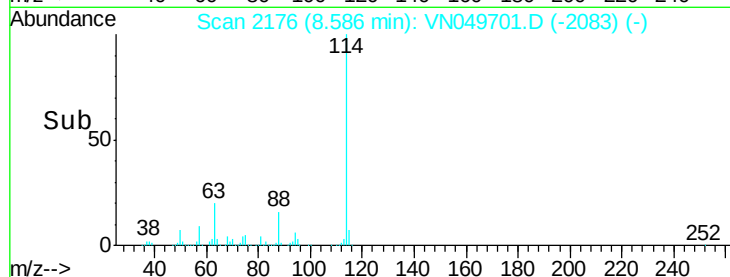
88 15.7 0.0 30.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 46.381 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN049701.D

Acq: 3 Jul 2018 18:31

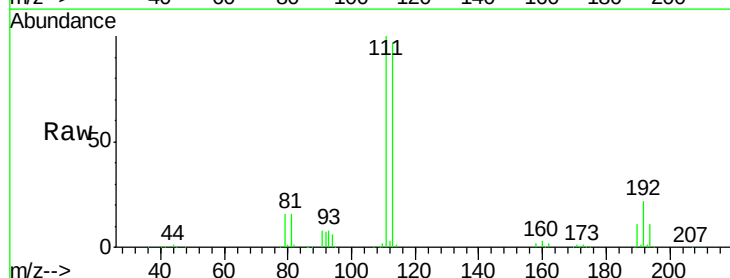
Tgt Ion:113 Resp: 690675

Ion Ratio Lower Upper

113 100

111 103.3 81.8 122.8

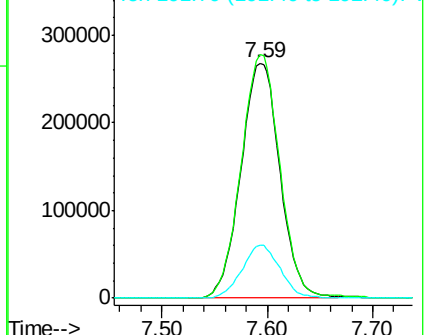
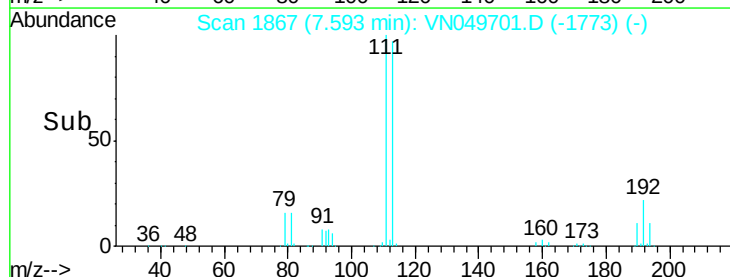
192 22.0 17.8 26.6

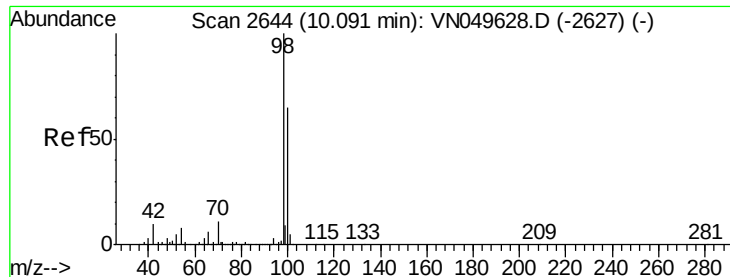


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 45.038 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN049701.D

Acq: 3 Jul 2018 18:31

Instrument :

MSVOA_N

ClientSampleId :

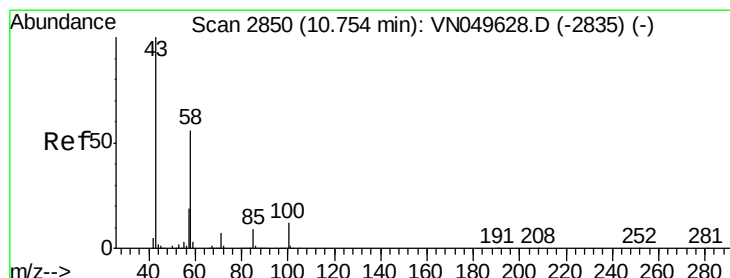
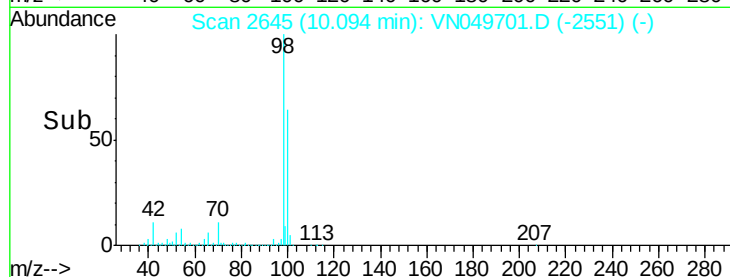
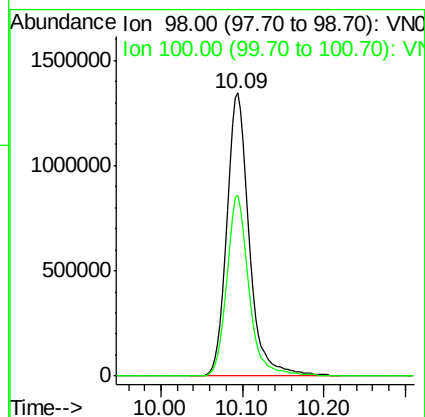
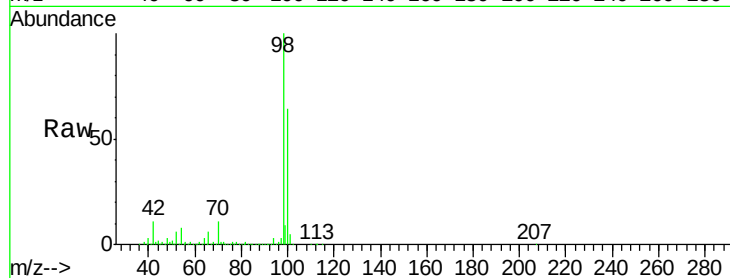
PB110796ZHE#04

Tot Ion: 98 Resp: 2625215

Ion Ratio Lower Upper

98 100

100 63.1 51.7 77.5



#59

2-Hexanone

Concen: 1.119 ug/l

RT: 10.76 min Scan# 2852

Delta R.T. 0.01 min

Lab File: VN049701.D

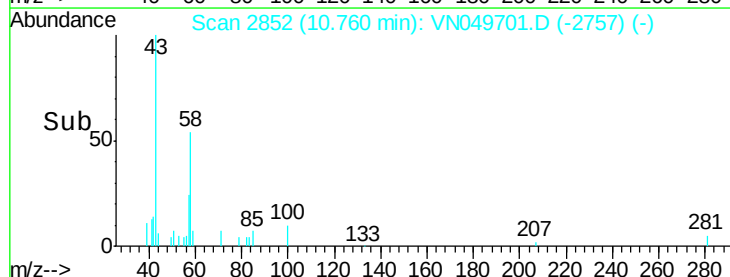
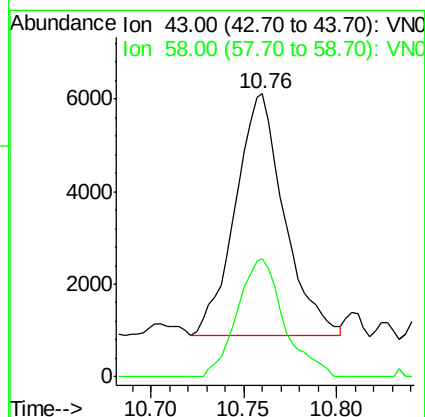
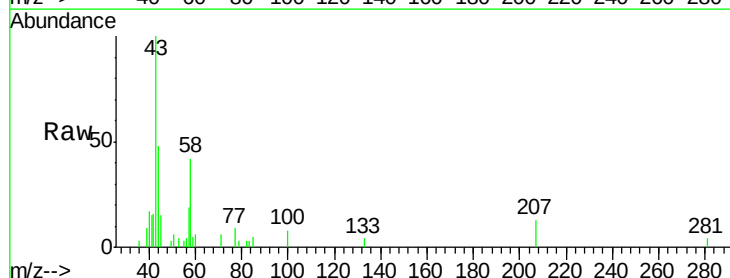
Acq: 3 Jul 2018 18:31

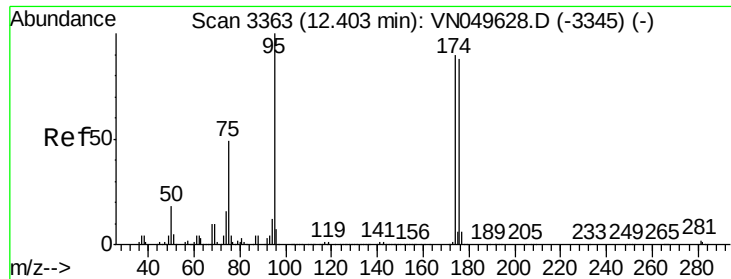
Tgt Ion: 43 Resp: 9486

Ion Ratio Lower Upper

43 100

58 47.1 27.8 83.4





#62

4-Bromofluorobenzene

Concen: 38.012 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049701.D

Acq: 3 Jul 2018 18:31

Instrument :

MSVOA_N

ClientSampleId :

PB110796ZHE#04

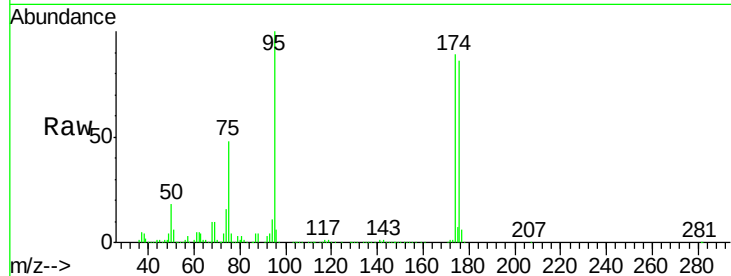
Tot Ion: 95 Resp: 756456

Ion Ratio Lower Upper

95 100

174 90.0 0.0 179.6

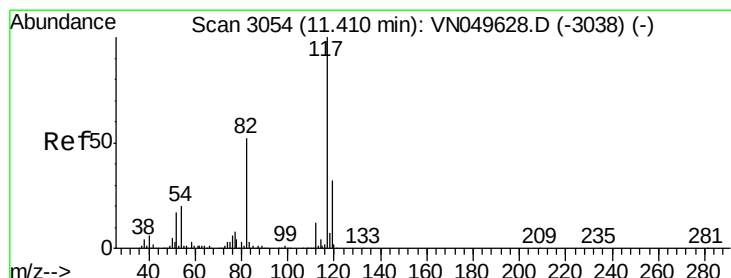
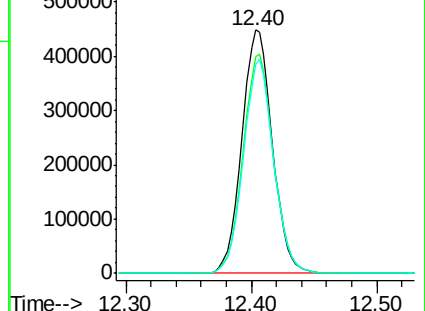
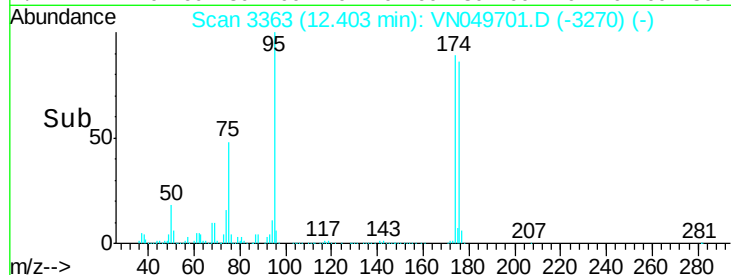
176 86.8 0.0 174.0



Abundance Ion 94.90 (94.60 to 95.60): VN049701.D (-3270) (-)

Ion 173.80 (173.50 to 174.50): VN049701.D (-3270) (-)

Ion 175.80 (175.50 to 176.50): VN049701.D (-3270) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049701.D

Acq: 3 Jul 2018 18:31

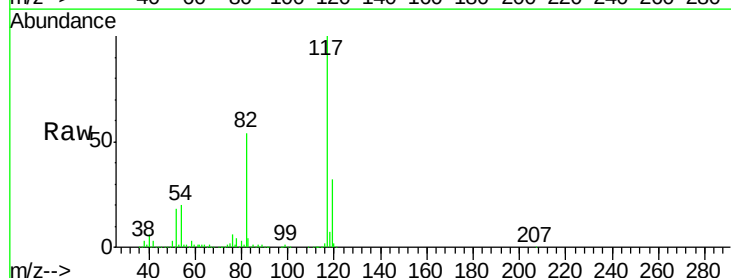
Tgt Ion: 117 Resp: 1620774

Ion Ratio Lower Upper

117 100

82 53.9 41.9 62.9

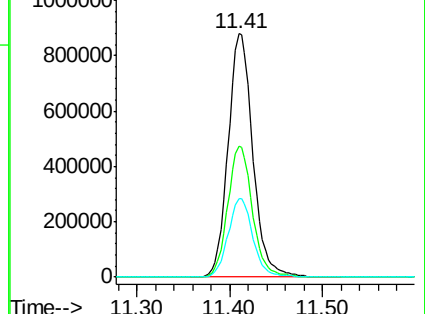
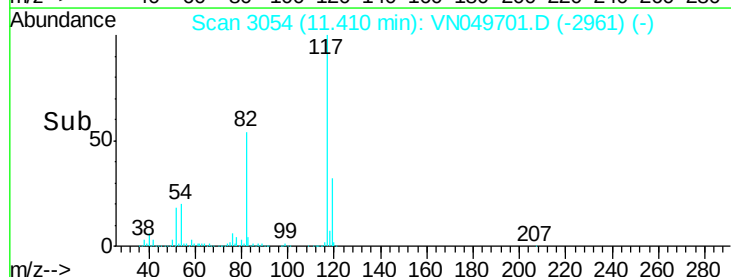
119 32.0 25.4 38.2

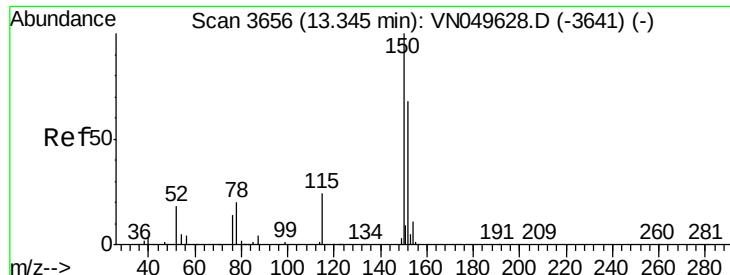


Abundance Ion 116.90 (116.60 to 117.60): VN049701.D (-2961) (-)

Ion 82.00 (81.70 to 82.70): VN049701.D (-2961) (-)

Ion 118.90 (118.60 to 119.60): VN049701.D (-2961) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN049701.D

Acq: 3 Jul 2018 18:31

Instrument :

MSVOA_N

ClientSampleId :

PB110796ZHE#04

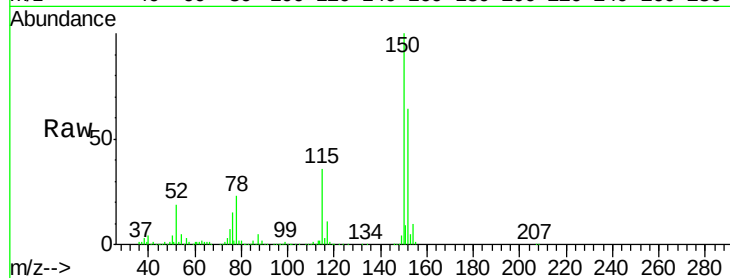
Tot Ion:152 Resp: 624689

Ion Ratio Lower Upper

152 100

115 55.0 28.1 84.2

150 156.0 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

