

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070318\
 Data File : VN049704.D
 Acq On : 3 Jul 2018 19:49
 Operator : MD\SY
 Sample : PB110796ZHE#07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB110796ZHE#07

Quant Time: Jul 04 00:35:50 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

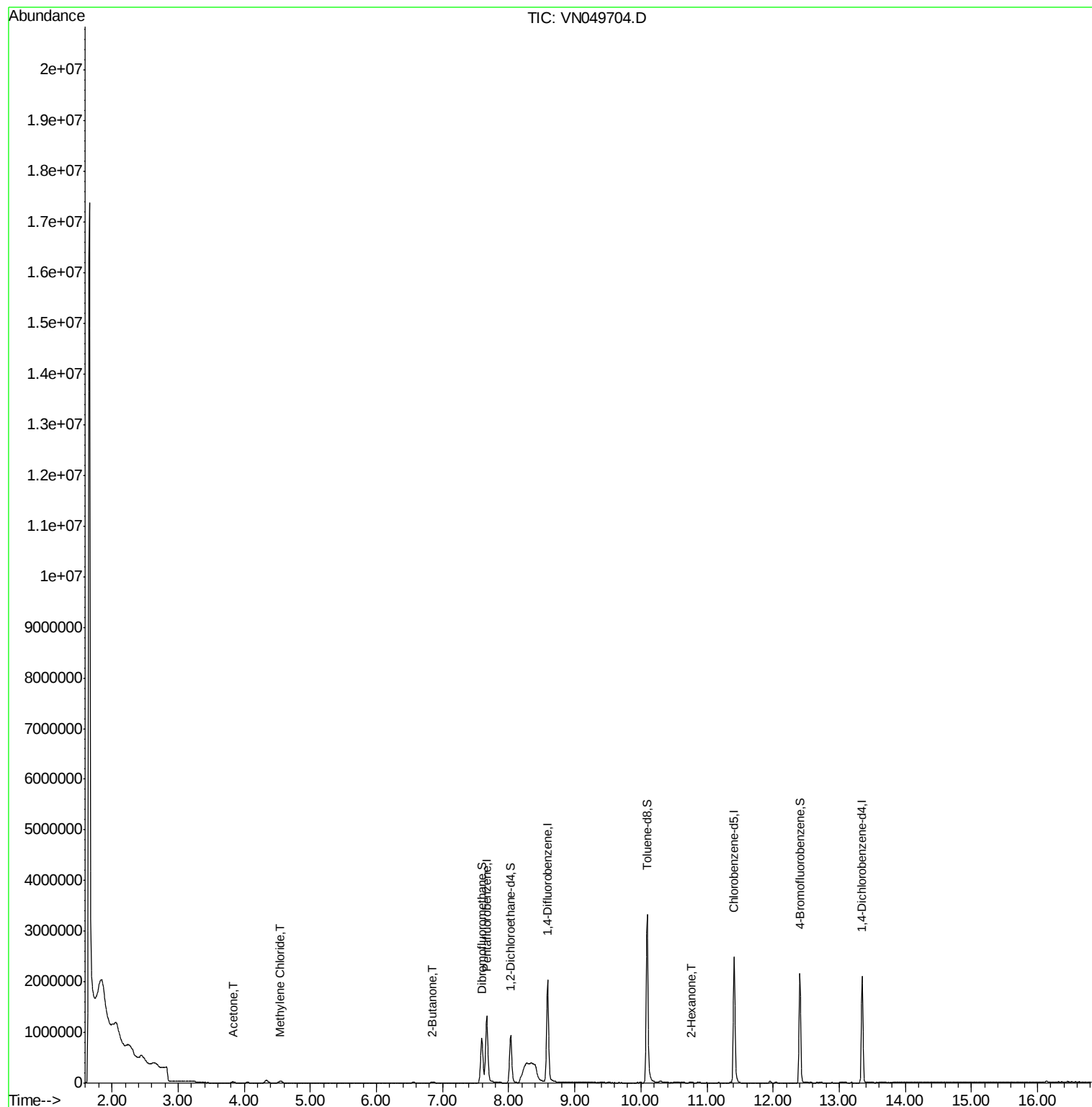
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1177855	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1940864	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1572968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	607939	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	815085	52.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.80%	
35) Dibromofluoromethane	7.59	113	678502	46.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.52%	
50) Toluene-d8	10.09	98	2565307	45.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.34%	
62) 4-Bromofluorobenzene	12.40	95	742416	38.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.58%	
Target Compounds						
16) Acetone	3.83	43	41486	5.465	ug/l	96
20) Methylene Chloride	4.55	84	26949	1.682	ug/l	98
25) 2-Butanone	6.85	43	19957	3.865	ug/l	96
59) 2-Hexanone	10.76	43	8783	1.064	ug/l	87

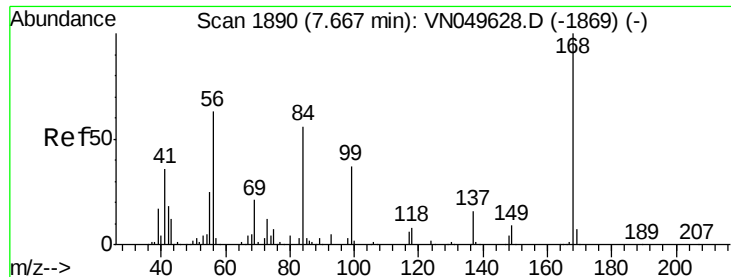
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN049704.D

Acq: 3 Jul 2018 19:49

Instrument :

MSVOA_N

ClientSampleId :

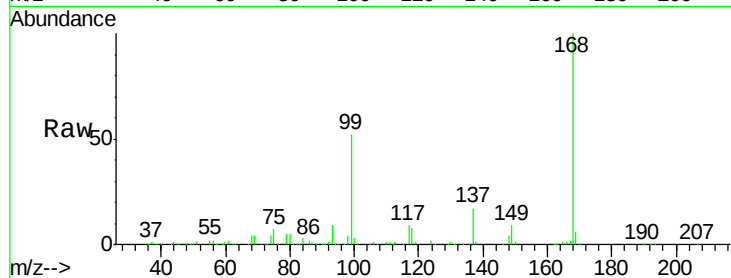
PB110796ZHE#07

Tot Ion:168 Resp: 1177855

Ion Ratio Lower Upper

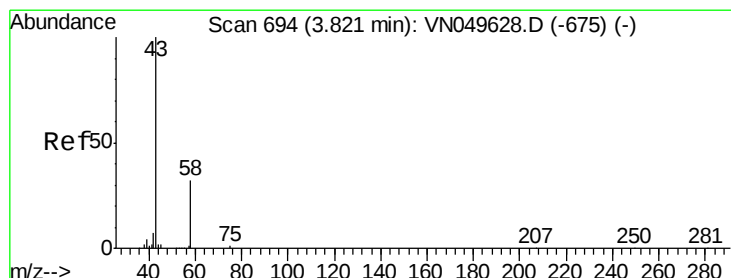
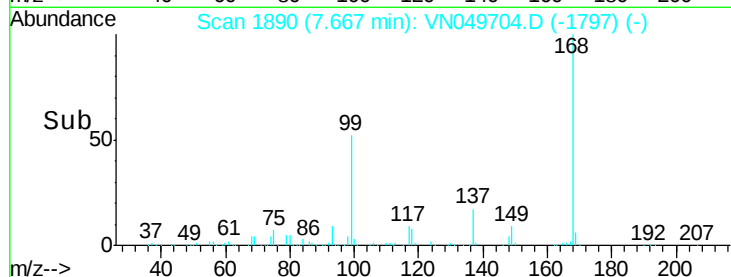
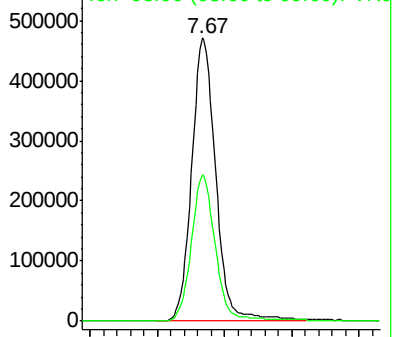
168 100

99 51.7 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 5.465 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.01 min

Lab File: VN049704.D

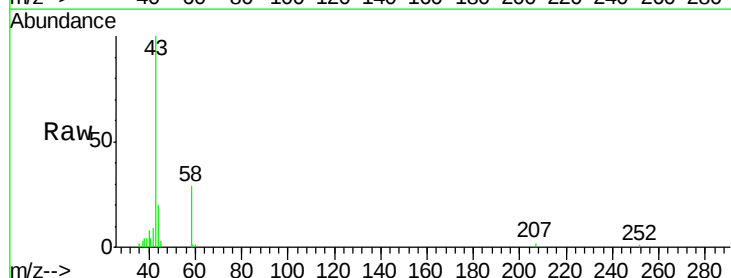
Acq: 3 Jul 2018 19:49

Tgt Ion: 43 Resp: 41486

Ion Ratio Lower Upper

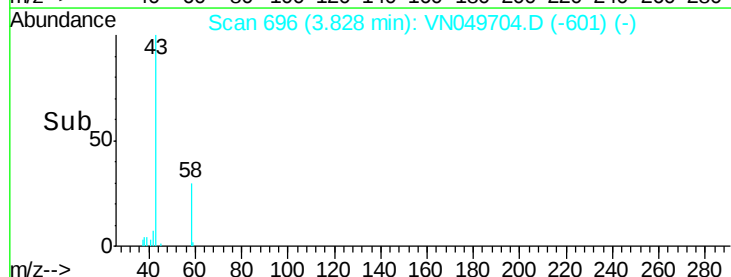
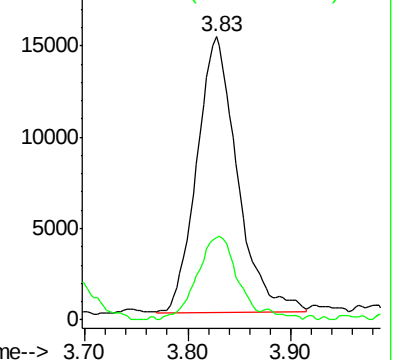
43 100

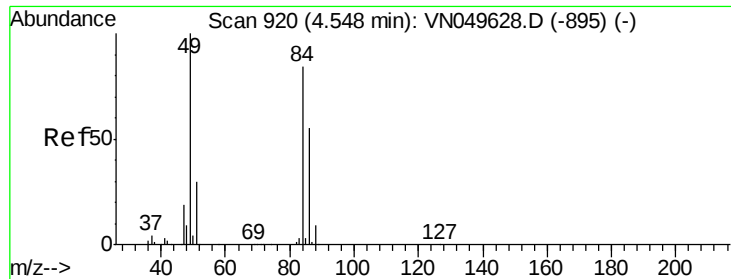
58 30.0 25.9 38.9



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

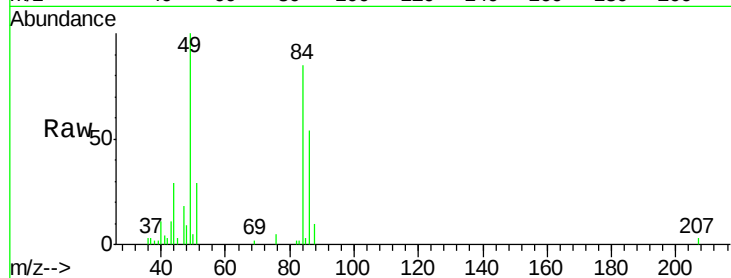




#20
Methvlene Chloride
Concen: 1.682 ug/l
RT: 4.55 min Scan# 922
Delta R.T. 0.01 min
Lab File: VN049704.D
Acq: 3 Jul 2018 19:49

Instrument :
MSVOA_N
ClientSampleId :
PB110796ZHE#07

Tot Ion:	84	Resp:	26949
Ion	Ratio	Lower	Upper
84	100		
49	117.5	95.4	143.2
51	33.9	28.4	42.6
86	63.6	52.6	79.0

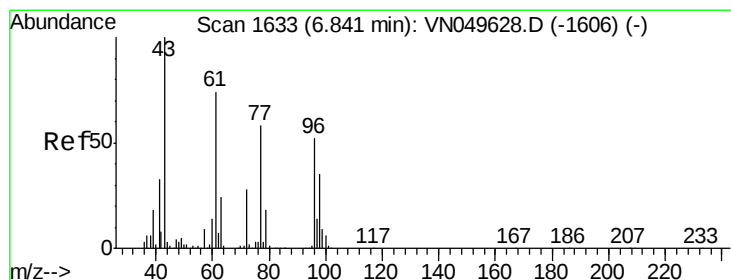
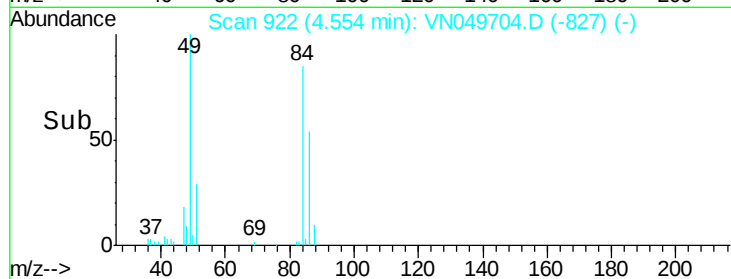
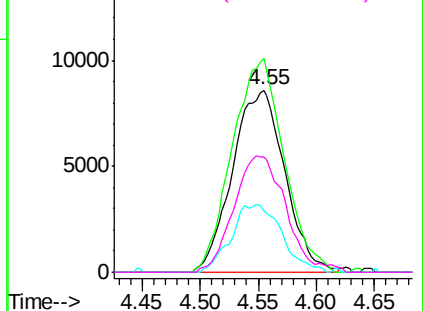


Abundance Ion 83.90 (83.60 to 84.60): VN049628.D (-895) (-)

Ion 48.90 (48.60 to 49.60): VN049628.D (-895) (-)

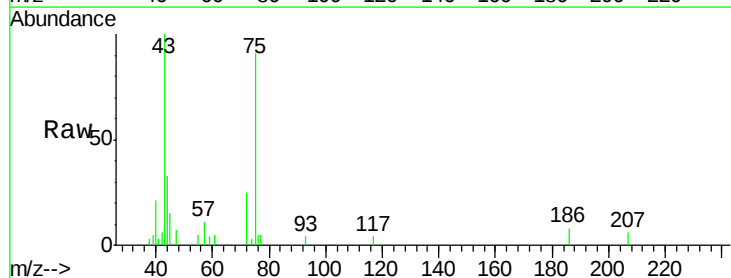
Ion 50.90 (50.60 to 51.60): VN049628.D (-895) (-)

Ion 85.90 (85.60 to 86.60): VN049628.D (-895) (-)



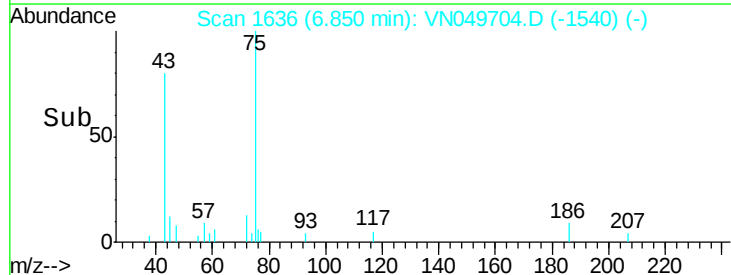
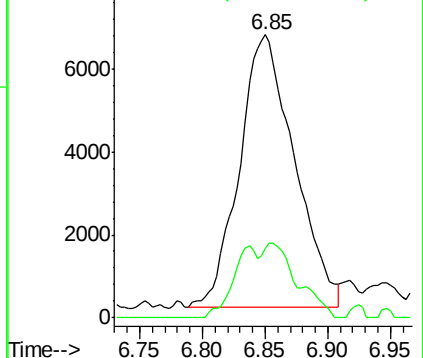
#25
2-Butanone
Concen: 3.865 ug/l
RT: 6.85 min Scan# 1636
Delta R.T. 0.01 min
Lab File: VN049704.D
Acq: 3 Jul 2018 19:49

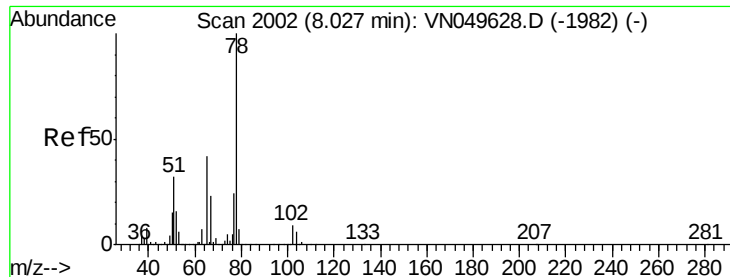
Tgt Ion:	43	Resp:	19957
Ion	Ratio	Lower	Upper
43	100		
72	25.7	22.1	33.1



Abundance Ion 43.00 (42.70 to 43.70): VN049628.D (-1606) (-)

Ion 72.00 (71.70 to 72.70): VN049628.D (-1606) (-)

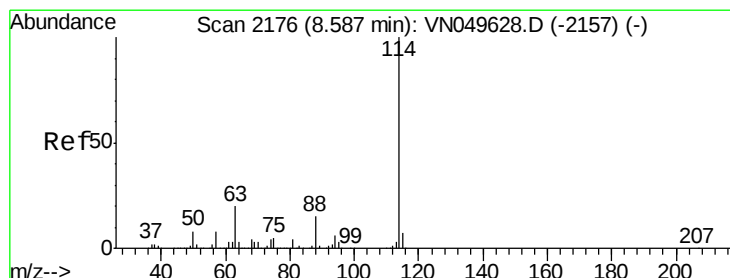
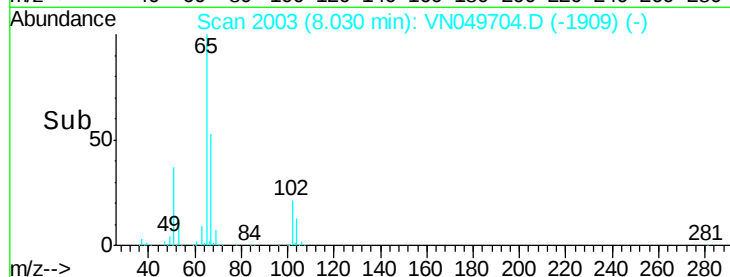
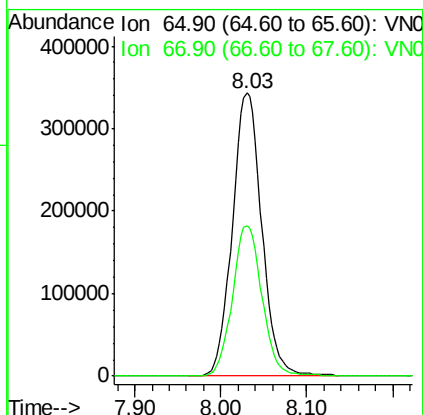
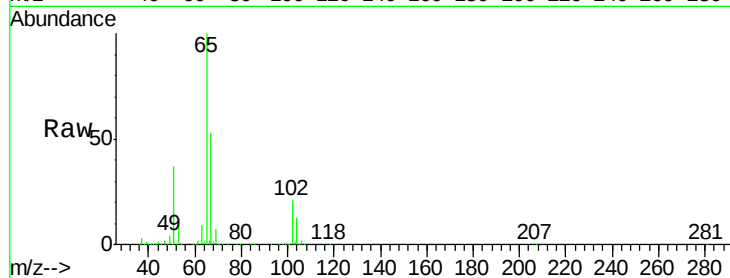




#33
 1,2-Dichloroethane-d4
 Concen: 52.401 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN049704.D
 Acq: 3 Jul 2018 19:49

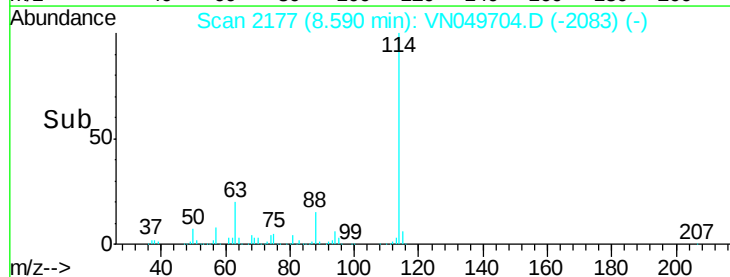
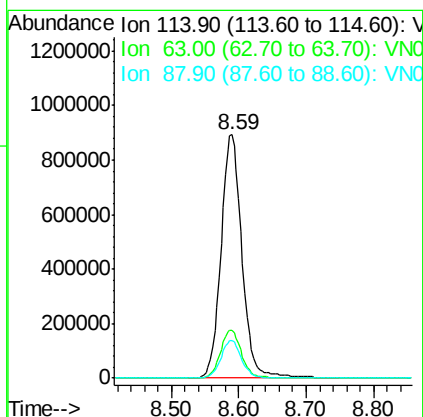
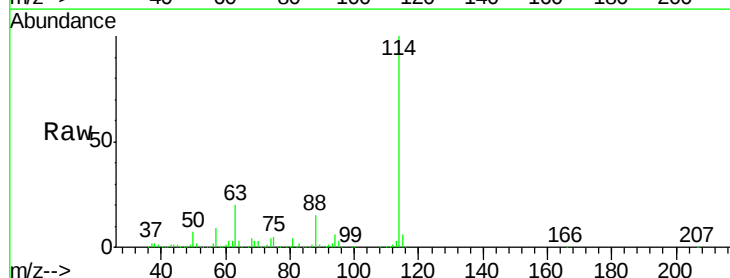
Instrument :
 MSVOA_N
 ClientSampleId :
 PB110796ZHE#07

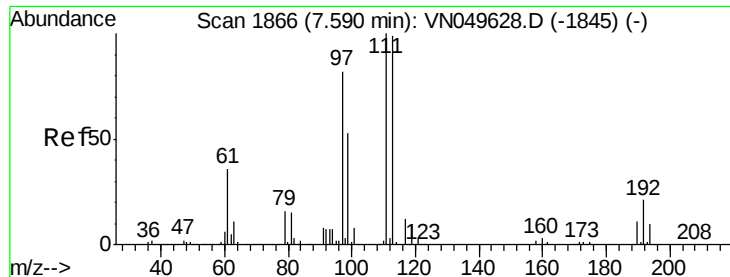
Tot Ion: 65 Resp: 815085
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN049704.D
 Acq: 3 Jul 2018 19:49

Tgt Ion: 114 Resp: 1940864
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 39.8
 88 15.4 0.0 30.6

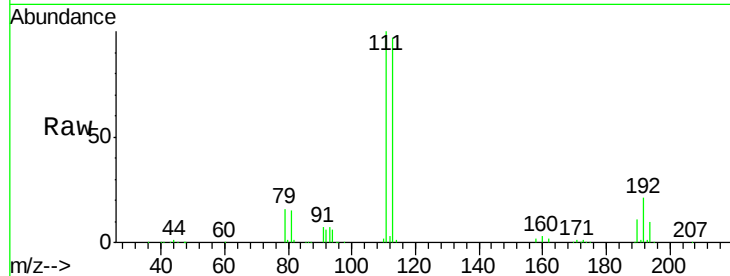




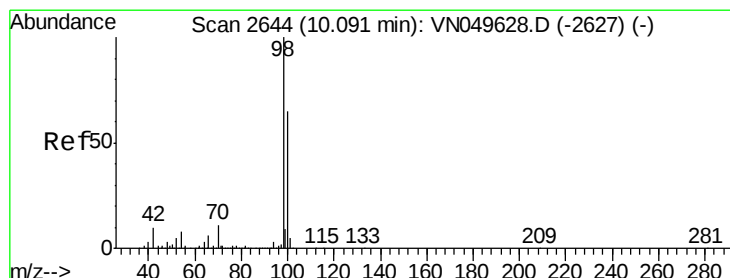
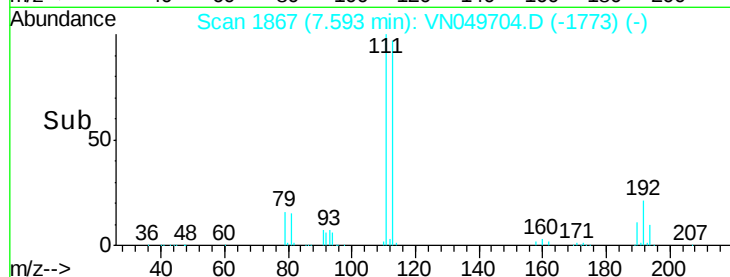
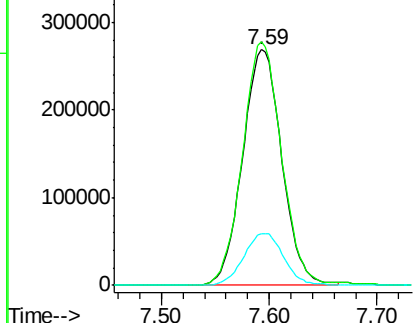
#35
Dibromofluoromethane
Concen: 46.761 ug/l
RT: 7.59 min Scan# 1867
Delta R.T. 0.00 min
Lab File: VN049704.D
Acq: 3 Jul 2018 19:49

Instrument :
MSVOA_N
ClientSampleId :
PB110796ZHE#07

Tot Ion:113 Resp: 678502
Ion Ratio Lower Upper
113 100
111 102.6 81.8 122.8
192 22.5 17.8 26.6

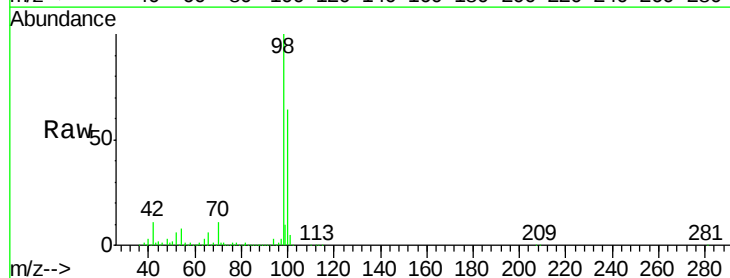


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

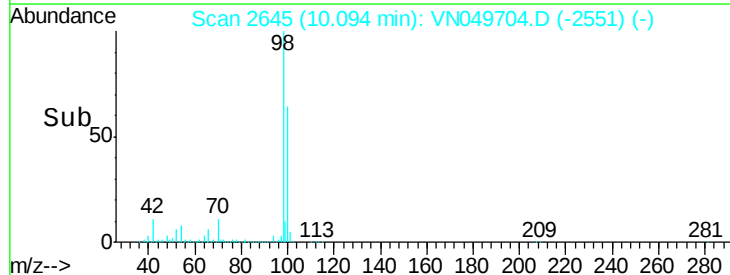
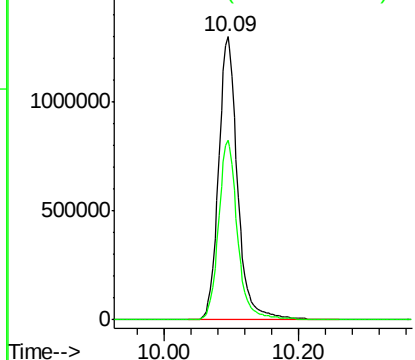


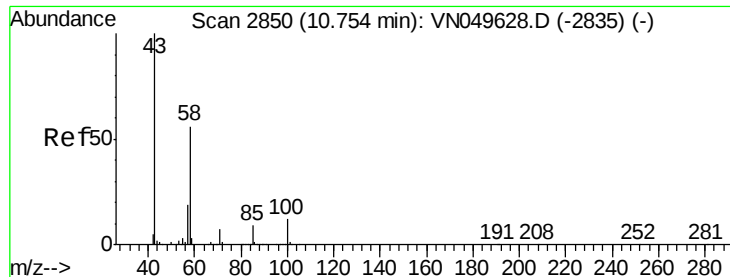
#50
Toluene-d8
Concen: 45.168 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN049704.D
Acq: 3 Jul 2018 19:49

Tgt Ion: 98 Resp: 2565307
Ion Ratio Lower Upper
98 100
100 63.3 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN
Ion 100.00 (99.70 to 100.70): VN





#59

2-Hexanone

Concen: 1.064 ug/l

RT: 10.76 min Scan# 2852

Delta R.T. 0.01 min

Lab File: VN049704.D

Acq: 3 Jul 2018 19:49

Instrument :

MSVOA_N

ClientSampleId :

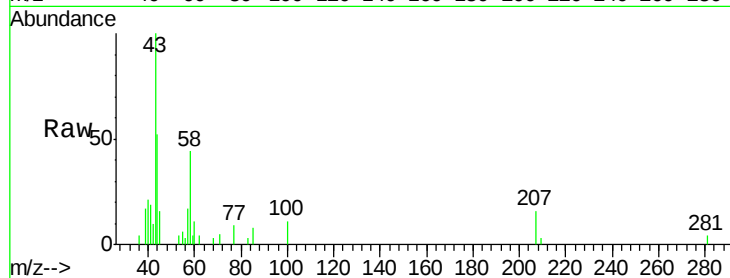
PB110796ZHE#07

Tot Ion: 43 Resp: 8783

Ion Ratio Lower Upper

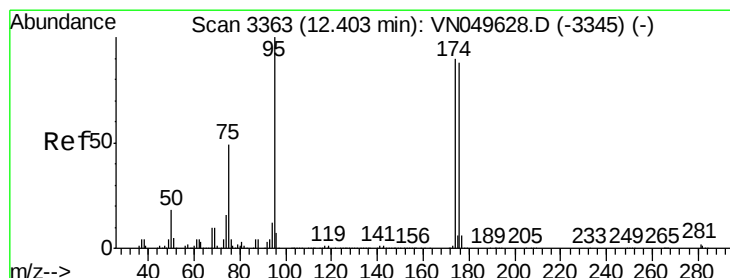
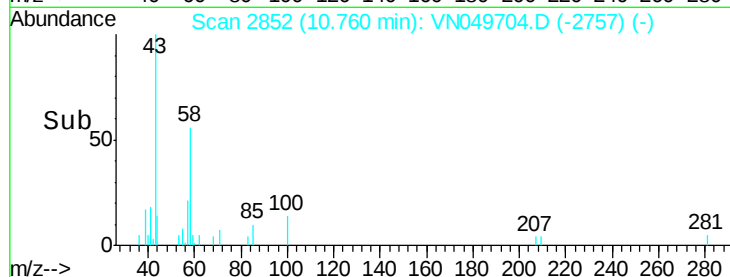
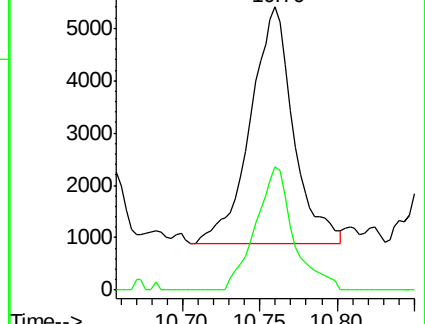
43 100

58 45.9 27.8 83.4



Abundance Ion 43.00 (42.70 to 43.70): VN049628.D (-2835) (-)

Ion 58.00 (57.70 to 58.70): VN049628.D (-2835) (-)



#62

4-Bromofluorobenzene

Concen: 38.287 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN049704.D

Acq: 3 Jul 2018 19:49

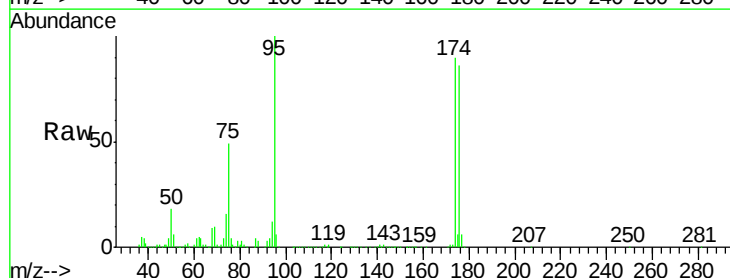
Tgt Ion: 95 Resp: 742416

Ion Ratio Lower Upper

95 100

174 91.0 0.0 179.6

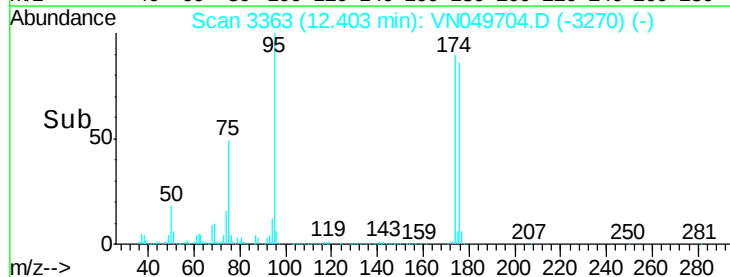
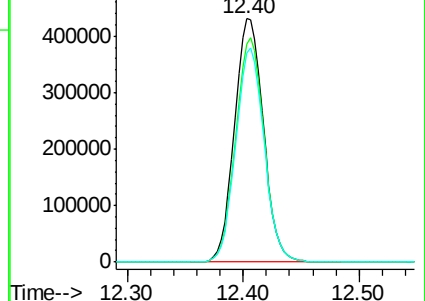
176 86.5 0.0 174.0

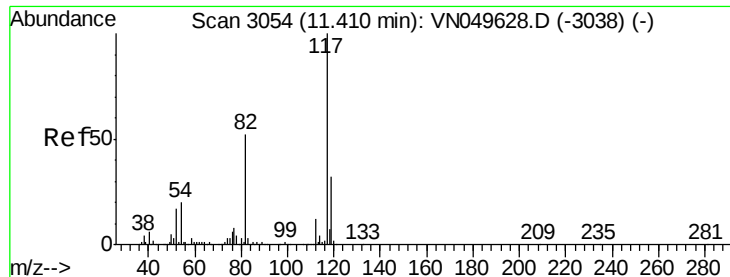


Abundance Ion 94.90 (94.60 to 95.60): VN049628.D (-3345) (-)

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: 50.000 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN049704.D

Acq: 3 Jul 2018 19:49

Instrument :

MSVOA_N

ClientSampleId :

PB110796ZHE#07

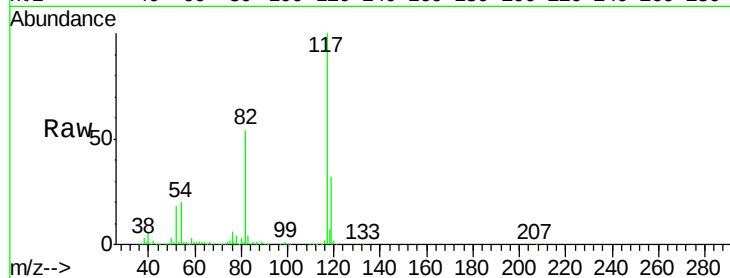
Tot Ion:117 Resp: 1572968

Ion Ratio Lower Upper

117 100

82 53.9 41.9 62.9

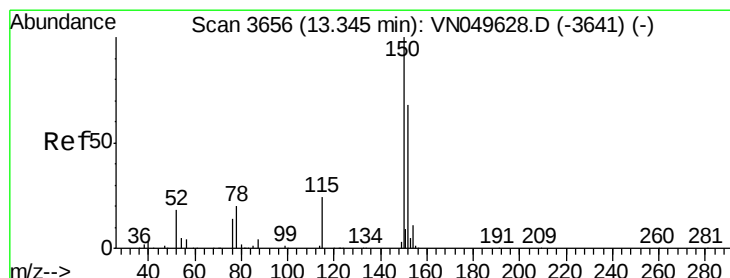
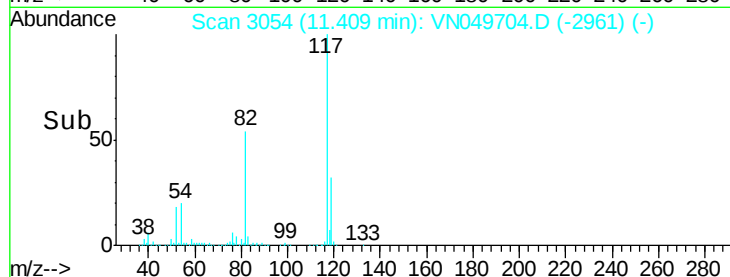
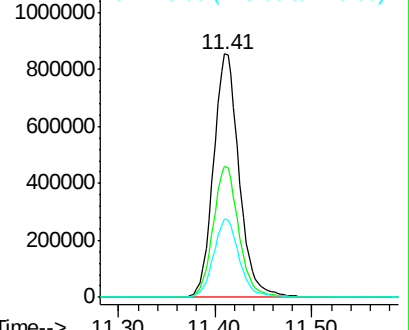
119 32.0 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): 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: VN049704.D

Acq: 3 Jul 2018 19:49

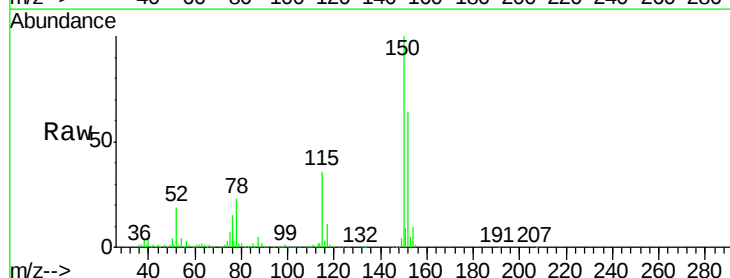
Tgt Ion:152 Resp: 607939

Ion Ratio Lower Upper

152 100

115 56.2 28.1 84.2

150 157.9 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

