

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100918\
 Data File : VN051765.D
 Acq On : 9 Oct 2018 22:15
 Operator : MD\SY
 Sample : PB113645ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113645ZHE#05

Quant Time: Oct 10 04:43:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 06:03:49 2018
 Response via : Initial Calibration

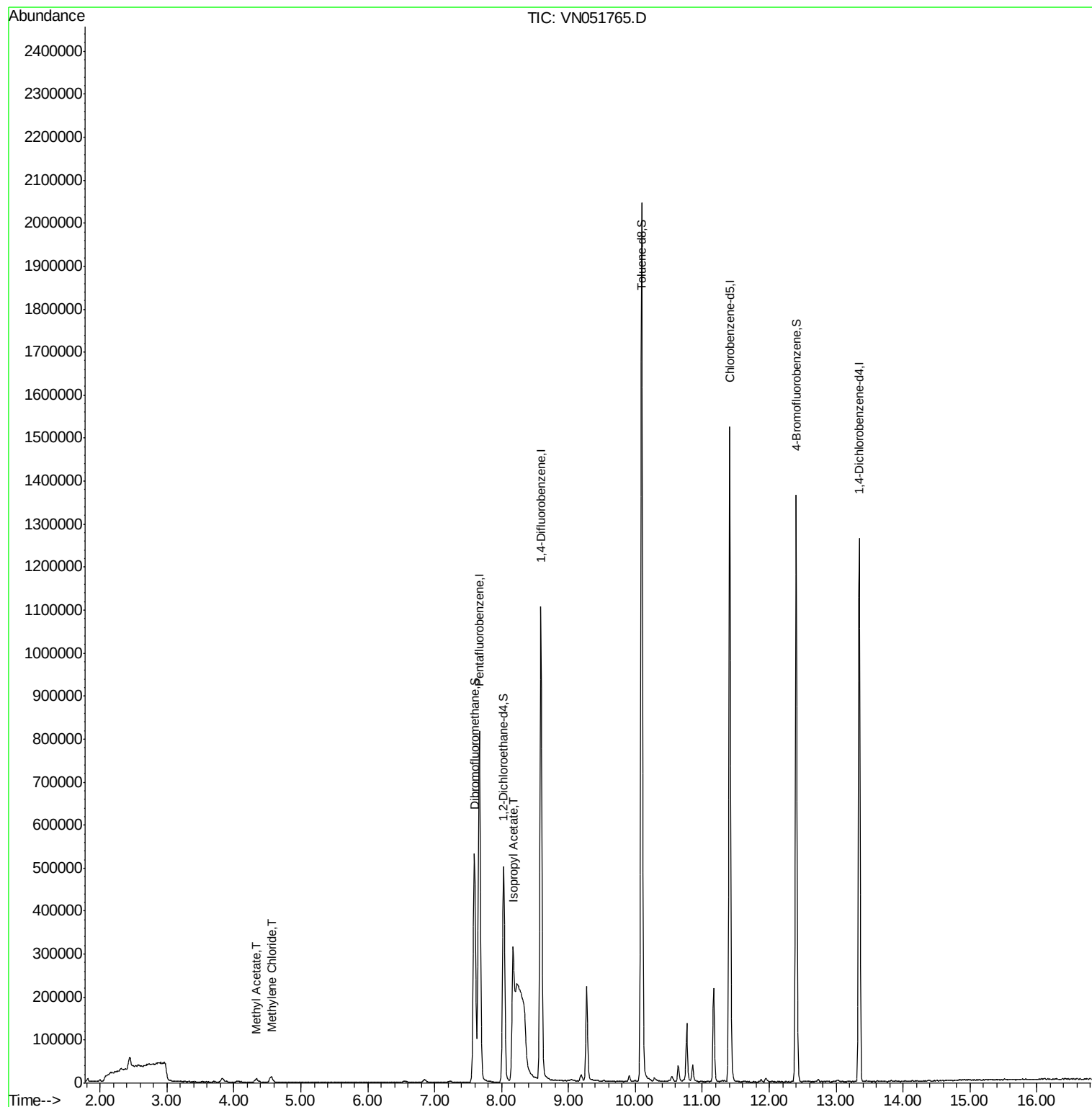
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	713636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1050031	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	925544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	362323	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	427405	45.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.68%	
35) Dibromofluoromethane	7.60	113	386003	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.10%	
50) Toluene-d8	10.09	98	1499778	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
62) 4-Bromofluorobenzene	12.40	95	426725	39.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.60%	
Target Compounds						
18) Methyl Acetate	4.34	43	15847	3.045	ug/l #	83
20) Methylene Chloride	4.56	84	8882	1.145	ug/l	87
43) Isopropyl Acetate	8.17	43	436728	36.594	ug/l #	87

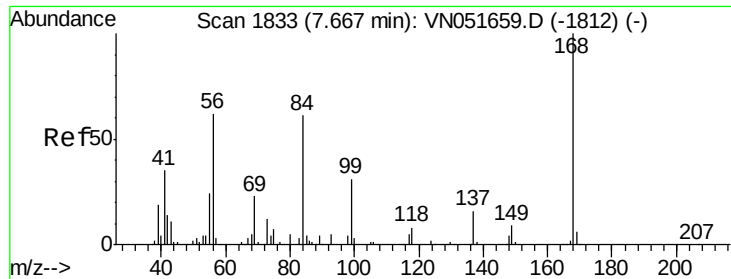
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051765.D

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MSVOA_N

ClientSampleId :

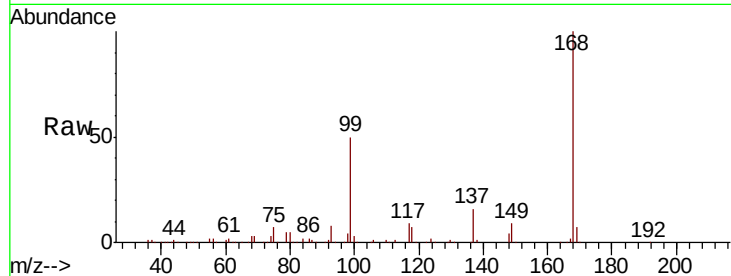
PB113645ZHE#05

Tot Ion:168 Resp: 713636

Ion Ratio Lower Upper

168 100

99 50.1 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): VN051765.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN051765.D (-1740) (-)

7.67

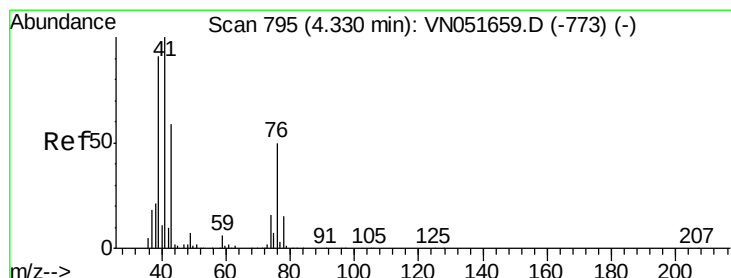
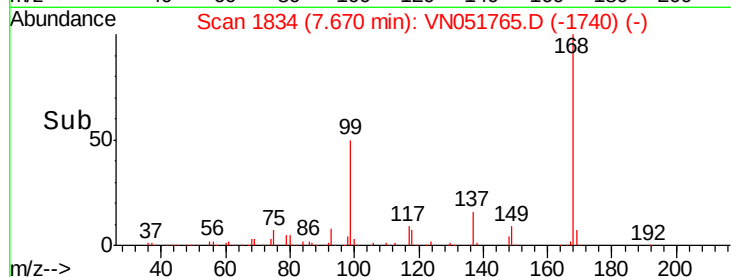
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 3.045 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN051765.D

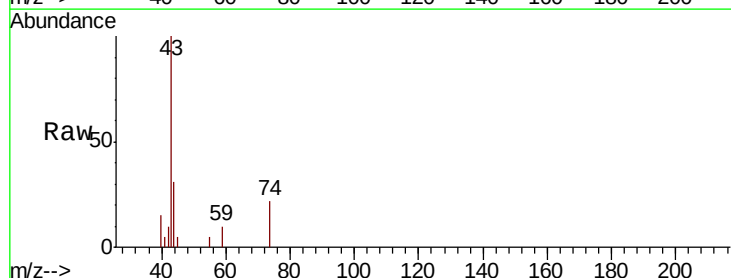
Acq: 9 Oct 2018 22:15

Tgt Ion: 43 Resp: 15847

Ion Ratio Lower Upper

43 100

74 18.2 21.5 32.3#



Abundance Ion 43.00 (42.70 to 43.70): VN051765.D (-702) (-)

Ion 74.00 (73.70 to 74.70): VN051765.D (-702) (-)

4.34

5000

4000

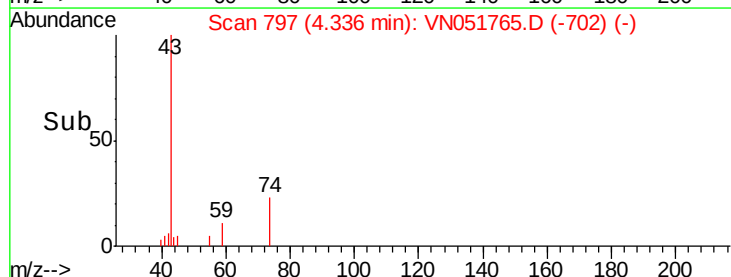
3000

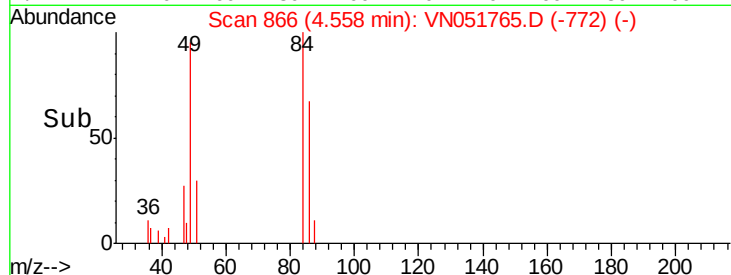
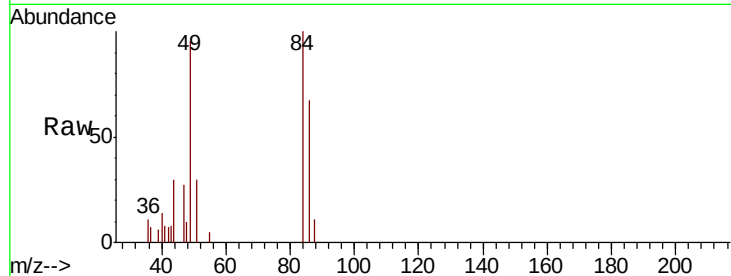
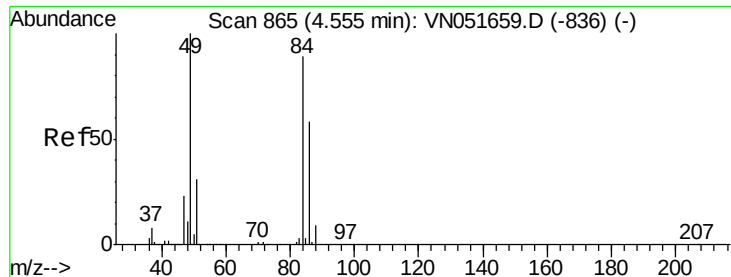
2000

1000

0

Time-->

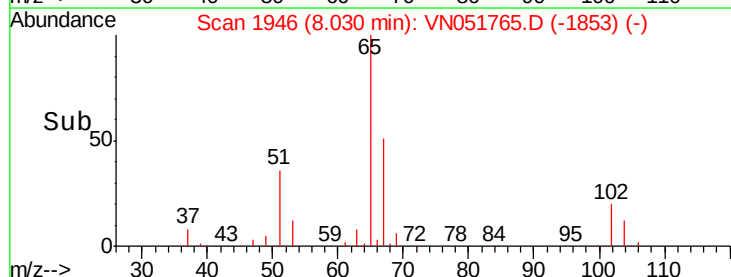
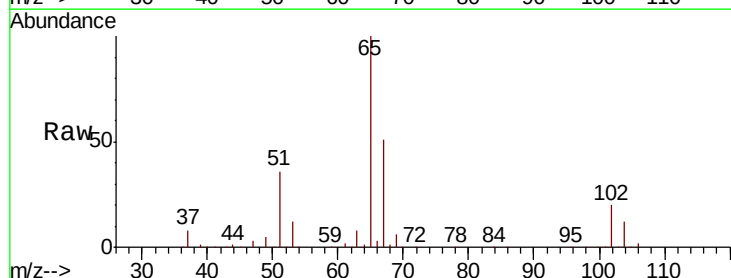
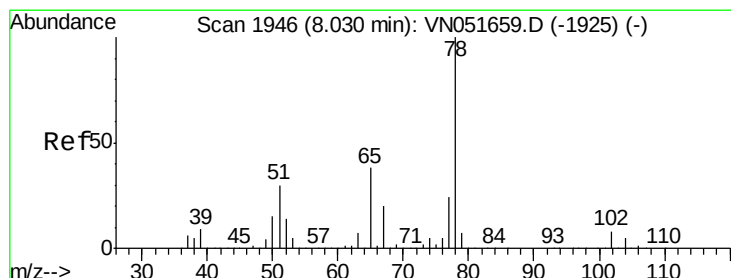
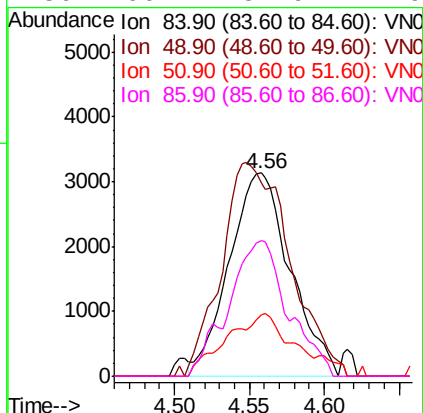




#20
Methvlene Chloride
Concen: 1.145 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN051765.D
Acq: 9 Oct 2018 22:15

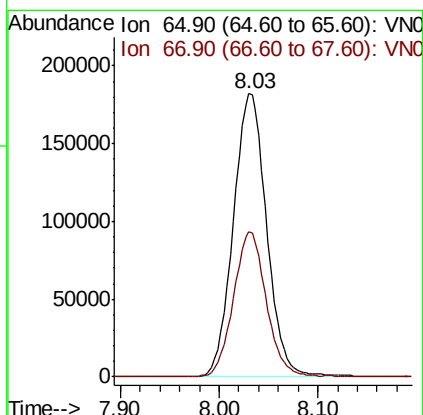
Instrument :
MSVOA_N
ClientSampleId :
PB113645ZHE#05

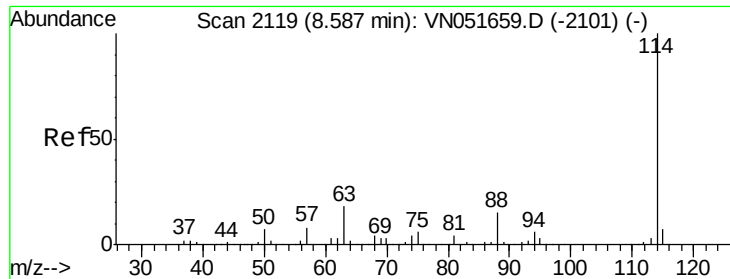
Tot Ion:	84	Resp:	8882
Ion	Ratio	Lower	Upper
84	100		
49	89.7	89.5	134.3
51	30.0	27.4	41.0
86	66.7	51.9	77.9



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. -0.00 min
Lab File: VN051765.D
Acq: 9 Oct 2018 22:15

Tgt Ion:	65	Resp:	427405
Ion	Ratio	Lower	Upper
65	100		
67	50.4	0.0	103.6

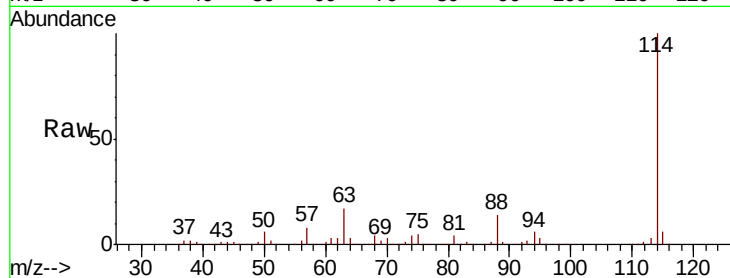




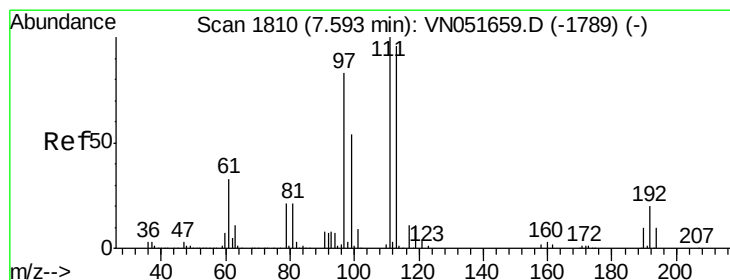
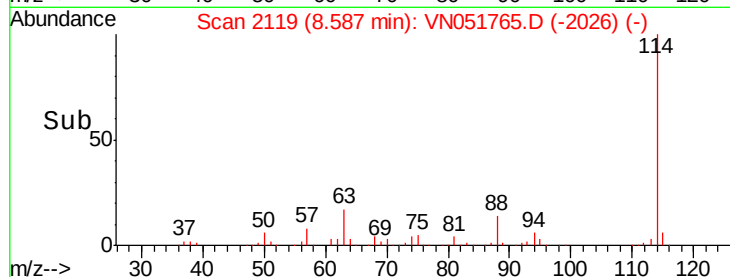
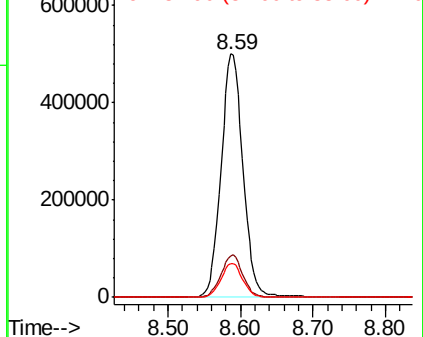
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051765.D
 Acq: 9 Oct 2018 22:15

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113645ZHE#05

Tot Ion:114 Resp: 1050031
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 36.2
 88 14.0 0.0 30.2

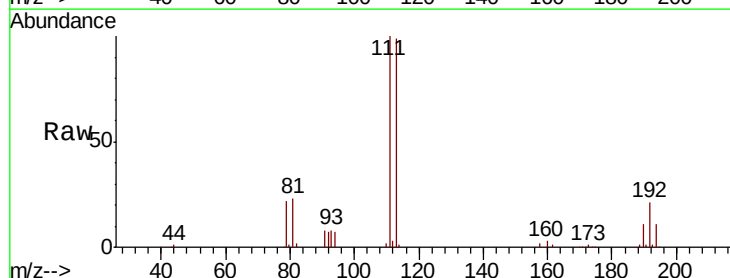


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

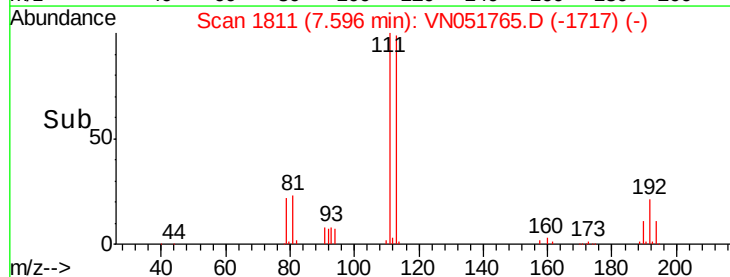
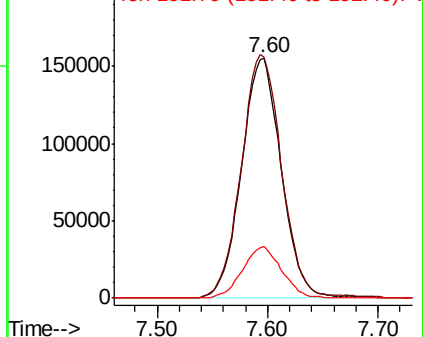


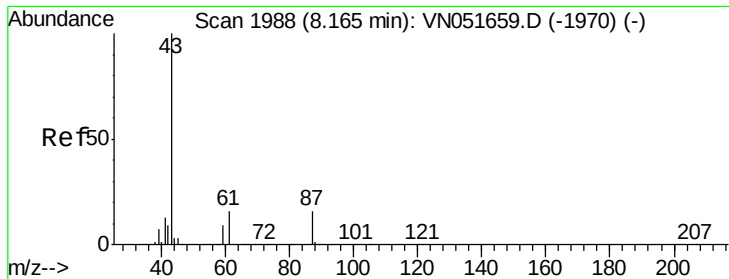
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.60 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VN051765.D
 Acq: 9 Oct 2018 22:15

Tgt Ion:113 Resp: 386003
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.8 122.8
 192 21.2 16.5 24.7



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





#43

Isopropyl Acetate

Concen: 36.594 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN051765.D

Acq: 9 Oct 2018 22:15

Instrument :

MSVOA_N

ClientSampleId :

PB113645ZHE#05

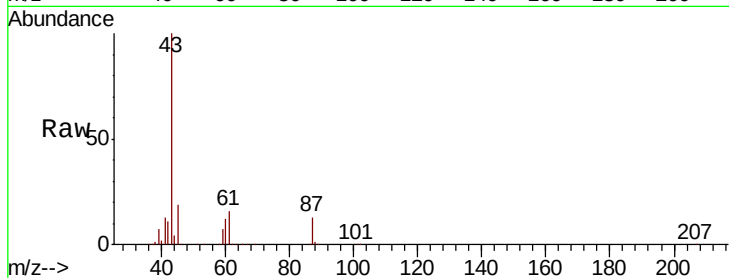
Tot Ion: 43 Resp: 436728

Ion Ratio Lower Upper

43 100

61 14.0 15.8 23.6#

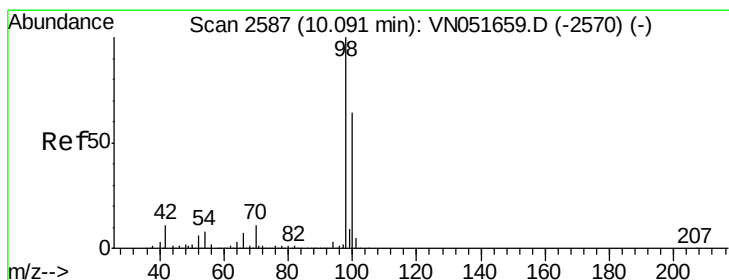
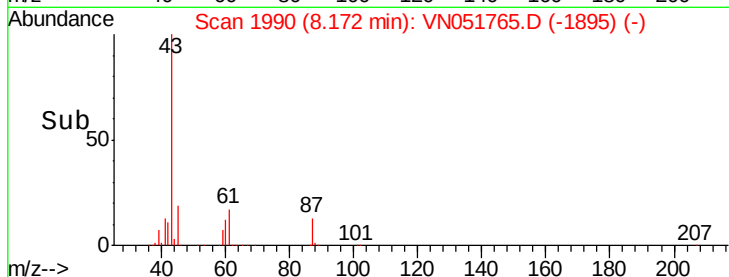
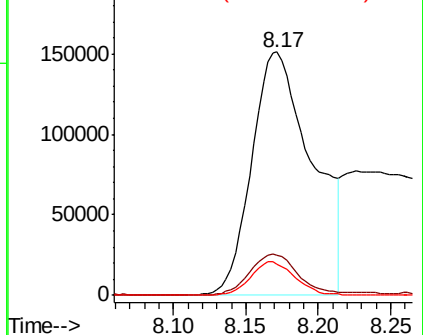
87 10.3 12.6 19.0#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051765.D

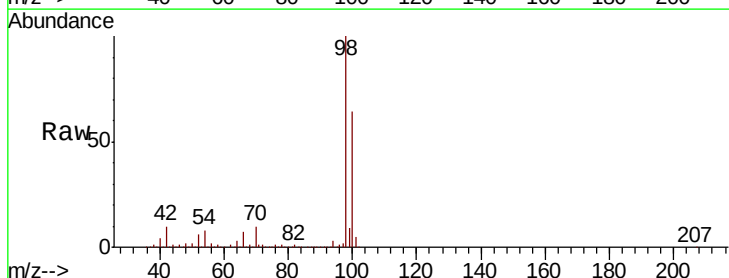
Acq: 9 Oct 2018 22:15

Tgt Ion: 98 Resp: 1499778

Ion Ratio Lower Upper

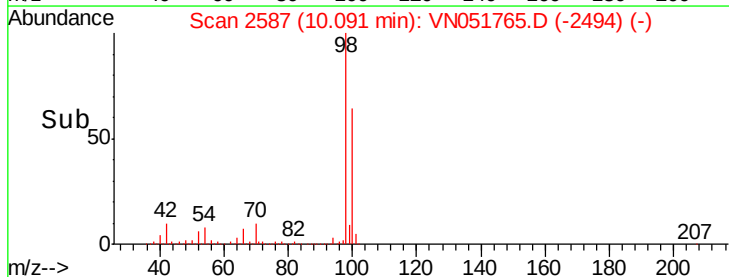
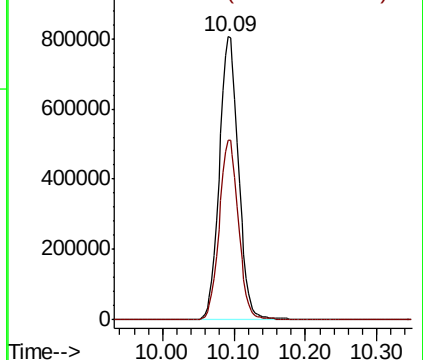
98 100

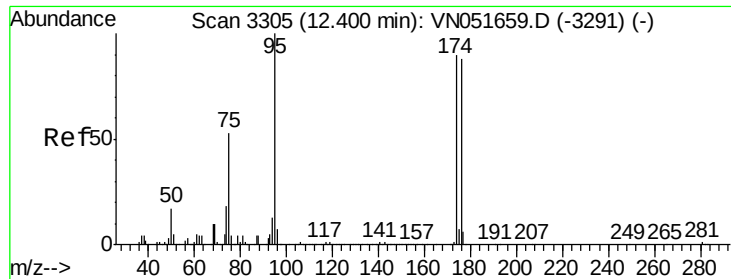
100 63.7 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051765.D

Acq: 9 Oct 2018 22:15

Instrument :

MSVOA_N

ClientSampleId :

PB113645ZHE#05

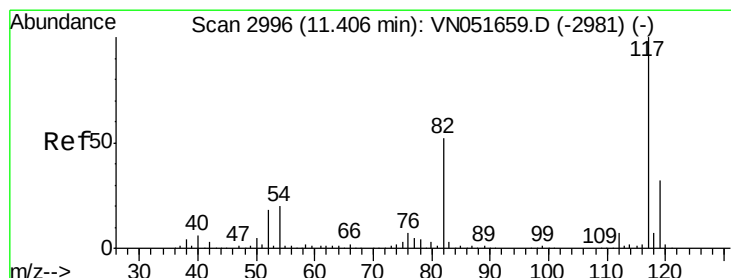
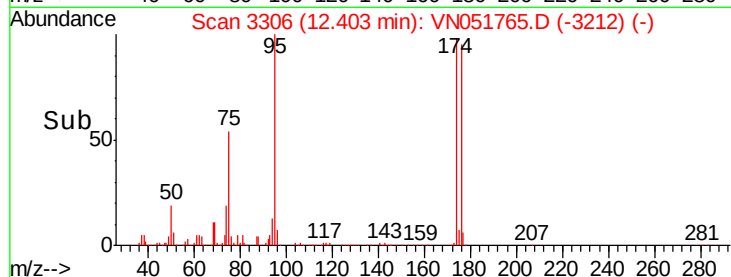
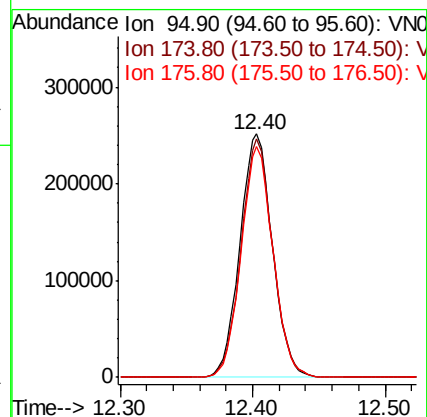
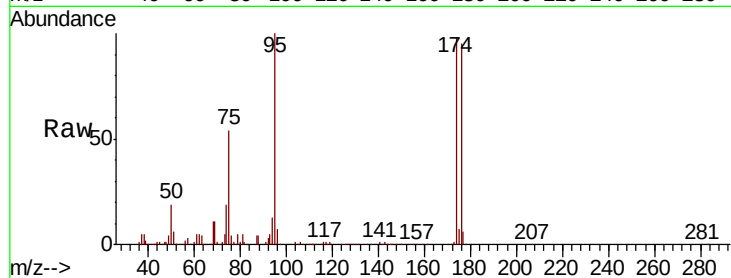
Tot Ion: 95 Resp: 426725

Ion Ratio Lower Upper

95 100

174 95.8 0.0 182.8

176 93.1 0.0 176.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051765.D

Acq: 9 Oct 2018 22:15

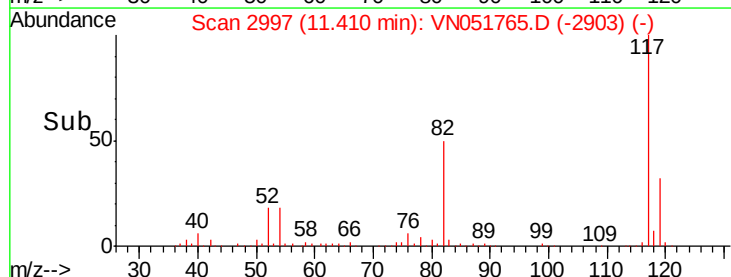
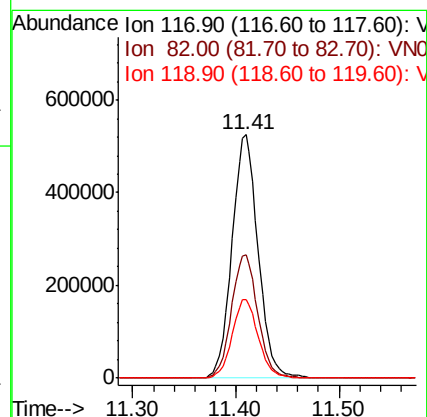
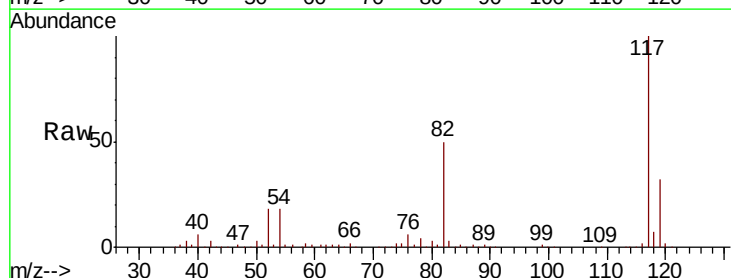
Tgt Ion: 117 Resp: 925544

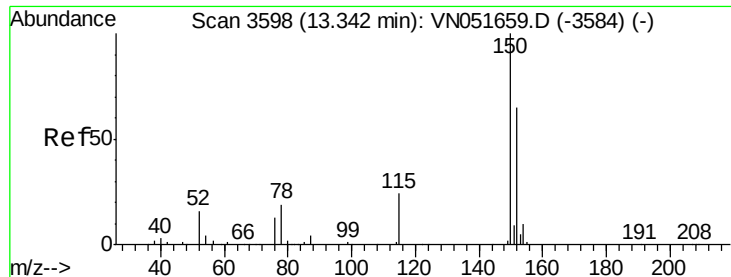
Ion Ratio Lower Upper

117 100

82 50.5 41.3 61.9

119 32.4 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051765.D

Acq: 9 Oct 2018 22:15

Instrument :

MSVOA_N

ClientSampleId :

PB113645ZHE#05

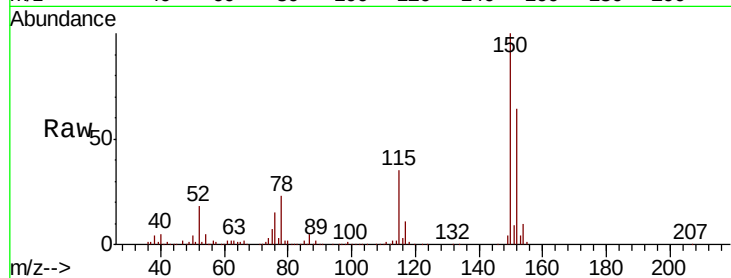
Tot Ion:152 Resp: 362323

Ion Ratio Lower Upper

152 100

115 54.4 28.6 85.8

150 157.5 0.0 352.4



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

