

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100918\
 Data File : VN051762.D
 Acq On : 9 Oct 2018 21:01
 Operator : MD\SY
 Sample : PB113645ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113645ZHE#02

Quant Time: Oct 10 04:34:31 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

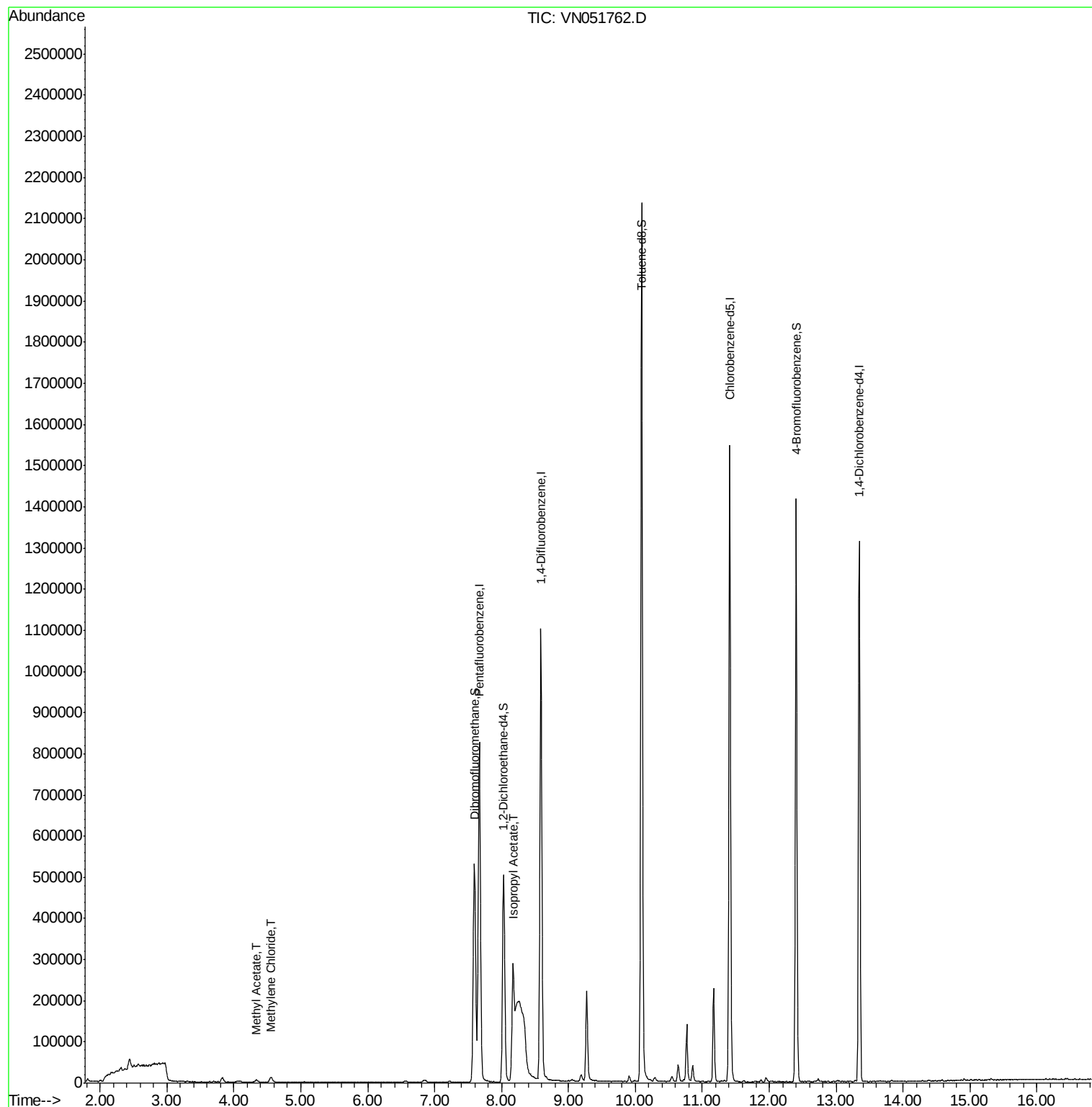
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	720122	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1048078	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	940481	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	375892	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	429674	45.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.34%	
35) Dibromofluoromethane	7.59	113	389376	48.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.10%	
50) Toluene-d8	10.09	98	1518252	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
62) 4-Bromofluorobenzene	12.40	95	440645	41.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.36%	
Target Compounds						
18) Methyl Acetate	4.34	43	10625	2.023	ug/l #	87
20) Methylene Chloride	4.55	84	9105	1.163	ug/l	94
43) Isopropyl Acetate	8.17	43	375513	31.523	ug/l #	92

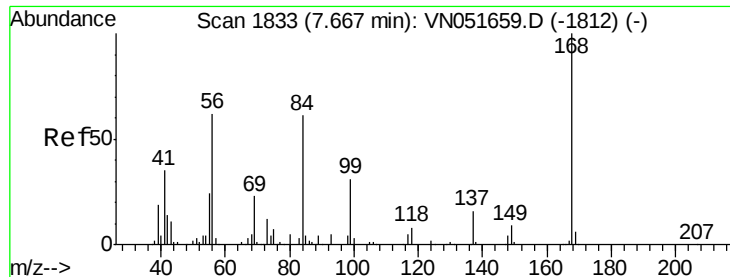
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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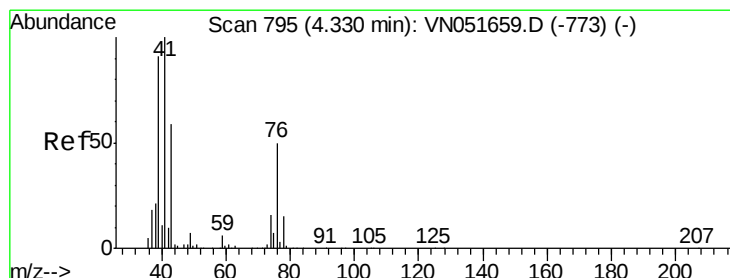
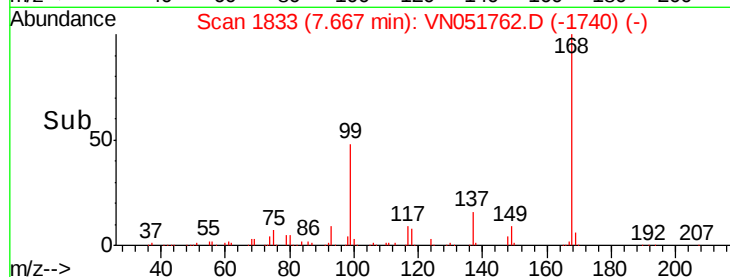
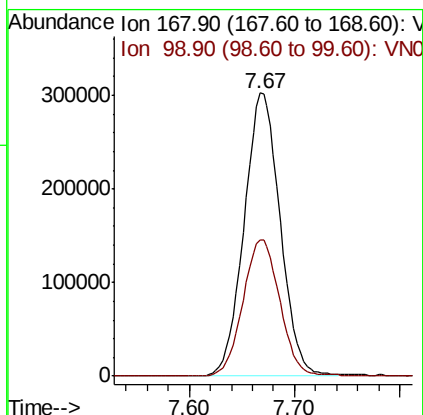
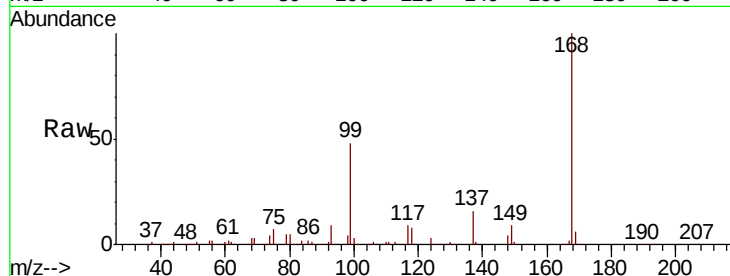




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN051762.D
Acq: 9 Oct 2018 21:01

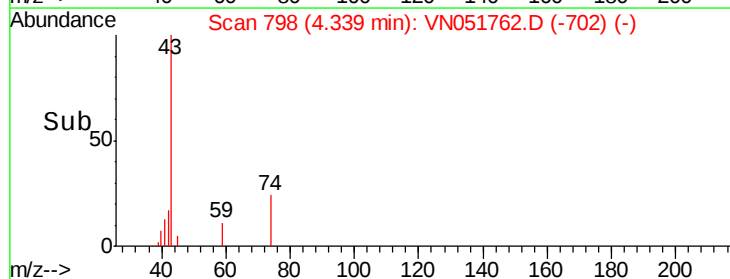
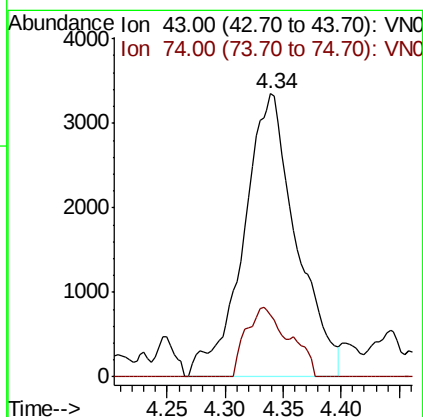
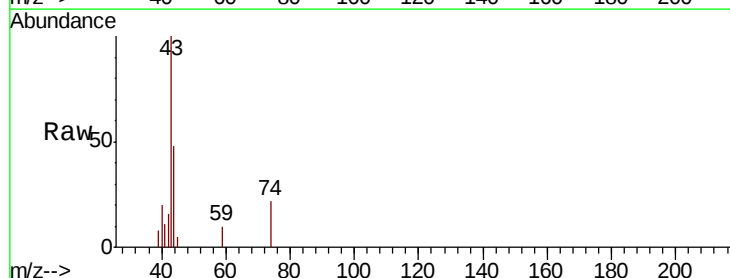
Instrument :
MSVOA_N
ClientSampleId :
PB113645ZHE#02

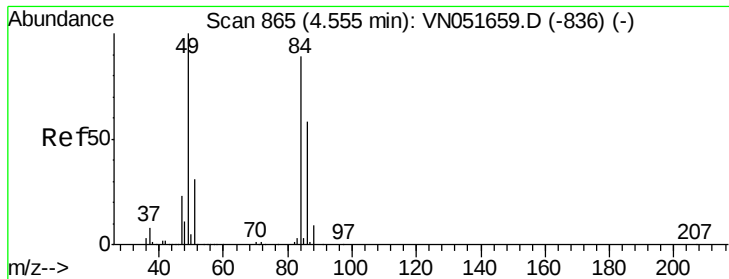
Tot Ion:168 Resp: 720122
Ion Ratio Lower Upper
168 100
99 48.2 40.4 60.6



#18
Methyl Acetate
Concen: 2.023 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN051762.D
Acq: 9 Oct 2018 21:01

Tgt Ion: 43 Resp: 10625
Ion Ratio Lower Upper
43 100
74 20.1 21.5 32.3#

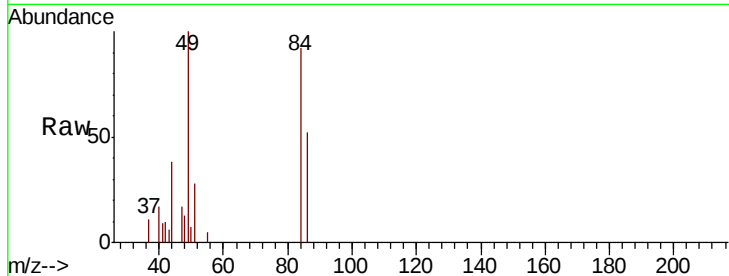




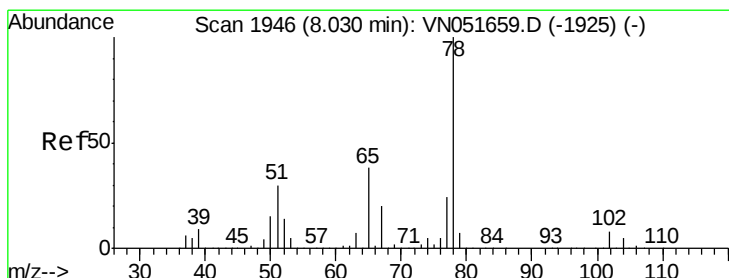
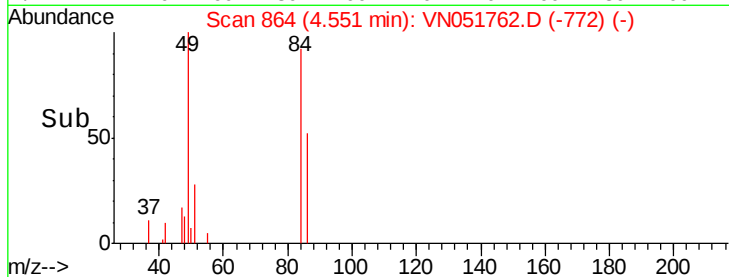
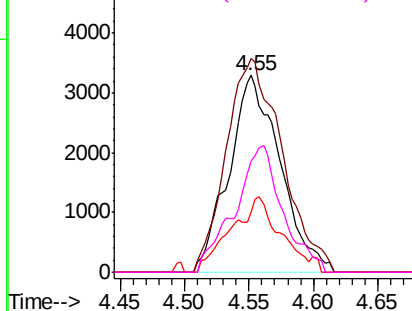
#20
Methvlene Chloride
Concen: 1.163 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN051762.D
Acq: 9 Oct 2018 21:01

Instrument :
MSVOA_N
ClientSampleId :
PB113645ZHE#02

Tot Ion:	84	Resp:	9105
Ion	Ratio	Lower	Upper
84	100		
49	108.6	89.5	134.3
51	30.8	27.4	41.0
86	56.6	51.9	77.9

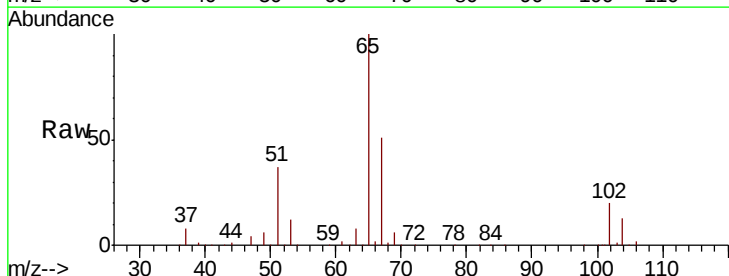


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

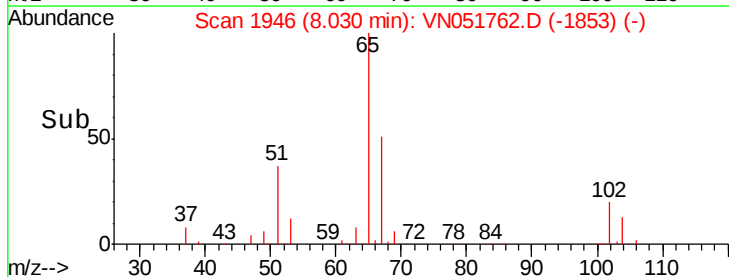
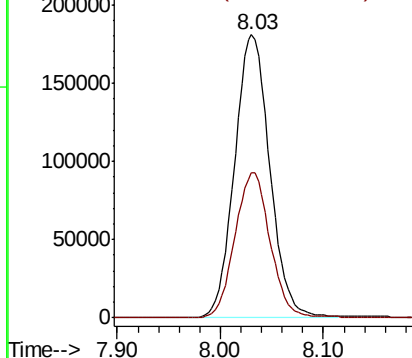


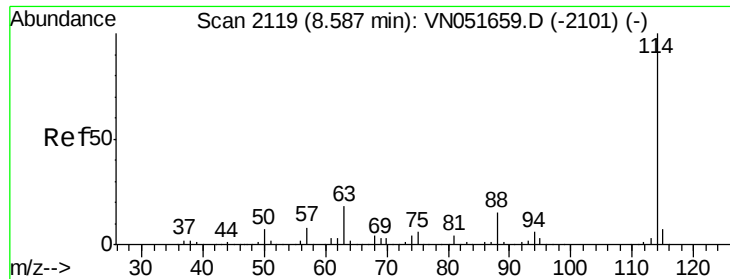
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051762.D
Acq: 9 Oct 2018 21:01

Tgt Ion:	65	Resp:	429674
Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	103.6



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

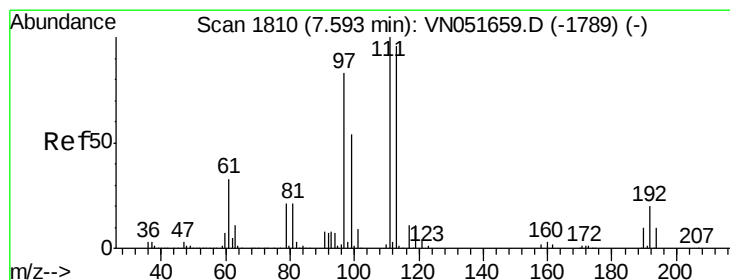
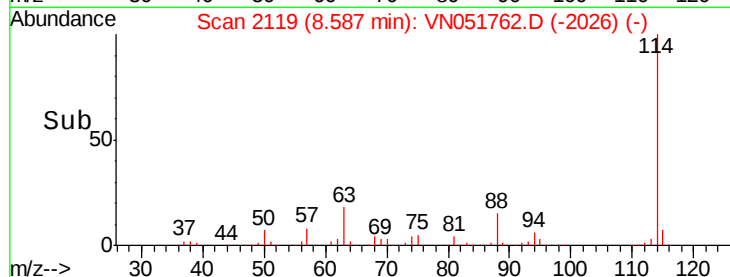
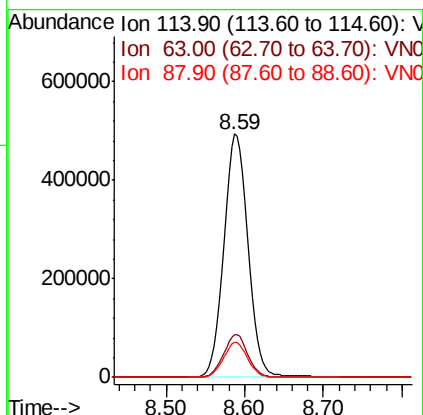
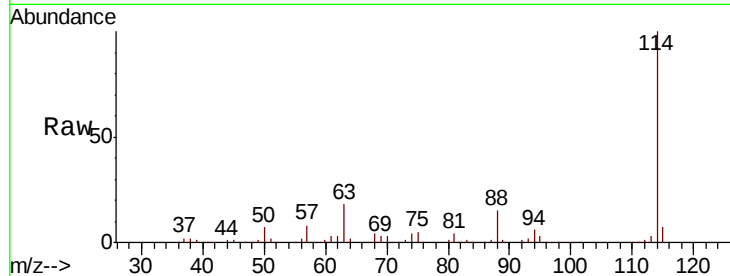




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN051762.D
Acq: 9 Oct 2018 21:01

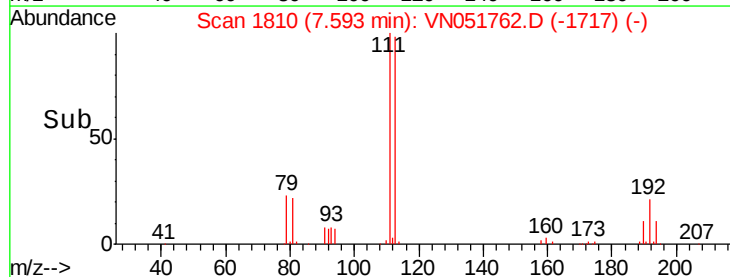
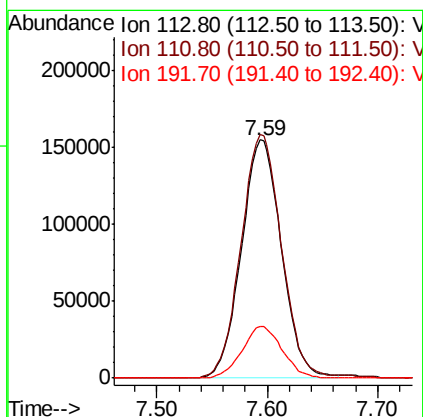
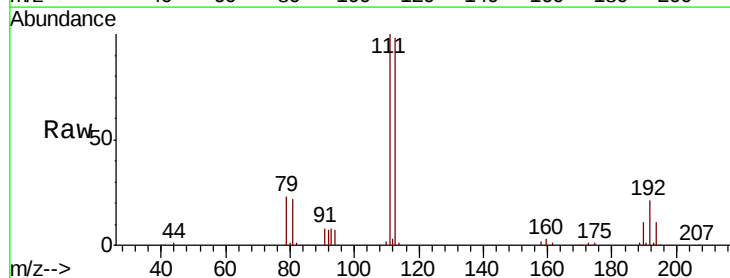
Instrument :
MSVOA_N
ClientSampleId :
PB113645ZHE#02

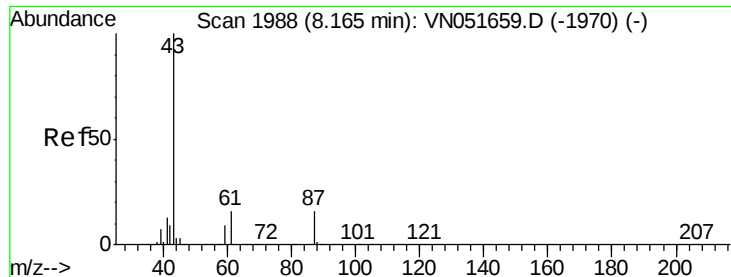
Tot Ion:114 Resp: 1048078
Ion Ratio Lower Upper
114 100
63 17.6 0.0 36.2
88 14.6 0.0 30.2



#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051762.D
Acq: 9 Oct 2018 21:01

Tgt Ion:113 Resp: 389376
Ion Ratio Lower Upper
113 100
111 104.1 81.8 122.8
192 21.9 16.5 24.7





#43

Isopropyl Acetate

Concen: 31.523 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051762.D

Acq: 9 Oct 2018 21:01

Instrument :

MSVOA_N

ClientSampleId :

PB113645ZHE#02

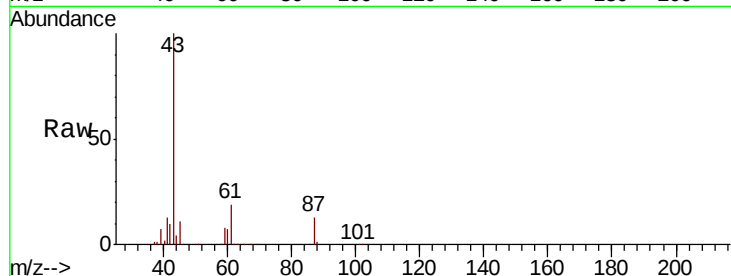
Tot Ion: 43 Resp: 375513

Ion Ratio Lower Upper

43 100

61 16.4 15.8 23.6

87 12.1 12.6 19.0#



Abundance Ion 43.00 (42.70 to 43.70): VN051659.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN051659.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN051659.D (-1970) (-)

8.17

150000

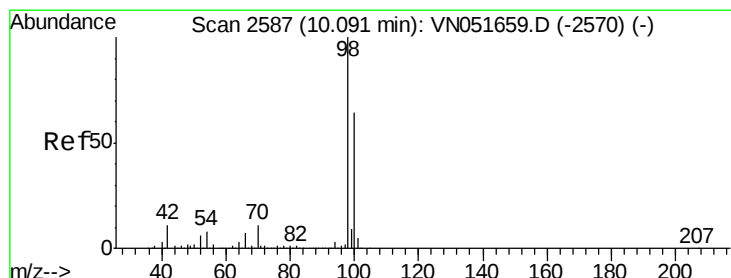
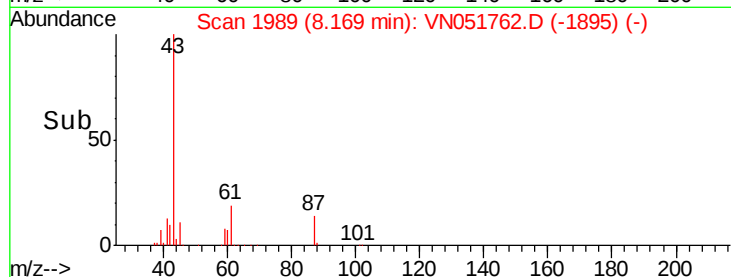
100000

50000

0

8.10 8.15 8.20

Time-->



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051762.D

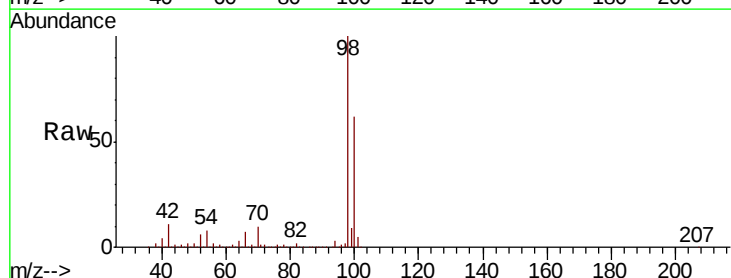
Acq: 9 Oct 2018 21:01

Tgt Ion: 98 Resp: 1518252

Ion Ratio Lower Upper

98 100

100 62.8 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN051659.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN051659.D (-2570) (-)

1000000

800000

600000

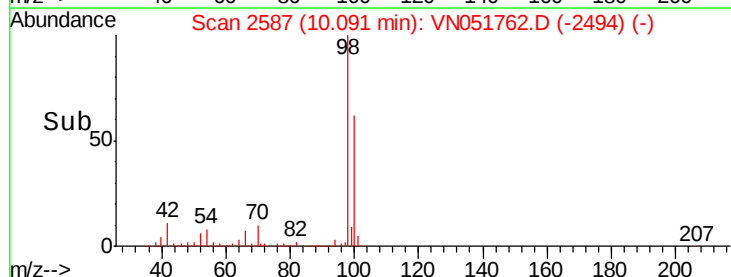
400000

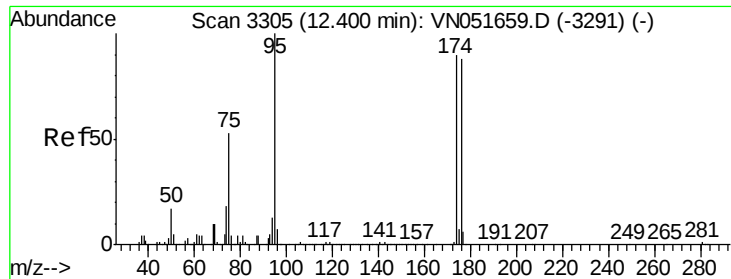
200000

0

10.00 10.10 10.20

Time-->





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051762.D

Acq: 9 Oct 2018 21:01

Instrument :

MSVOA_N

ClientSampleId :

PB113645ZHE#02

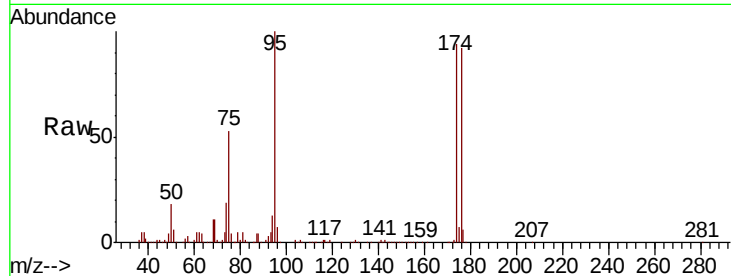
Tot Ion: 95 Resp: 440645

Ion Ratio Lower Upper

95 100

174 94.8 0.0 182.8

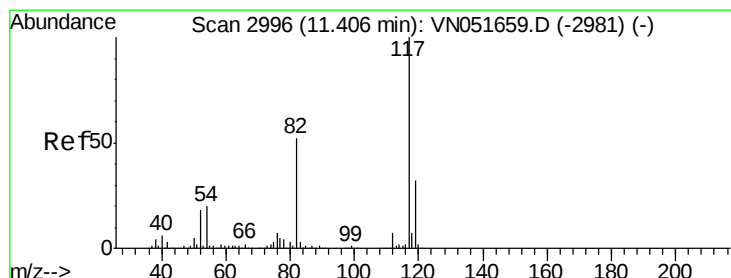
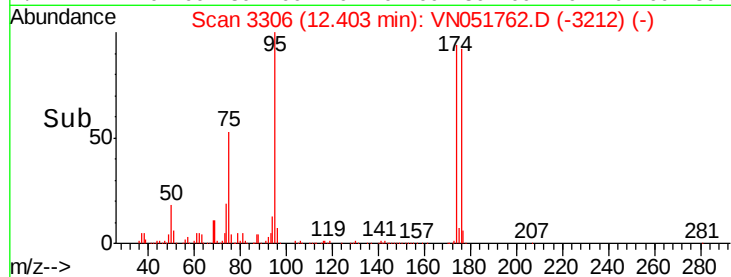
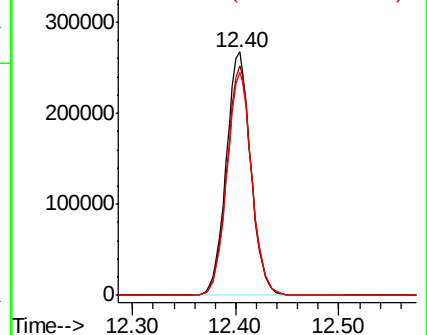
176 92.4 0.0 176.4



Abundance Ion 94.90 (94.60 to 95.60): VN051659.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN051659.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN051659.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051762.D

Acq: 9 Oct 2018 21:01

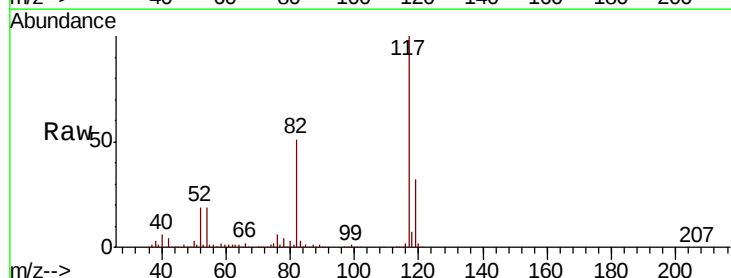
Tgt Ion: 117 Resp: 940481

Ion Ratio Lower Upper

117 100

82 51.3 41.3 61.9

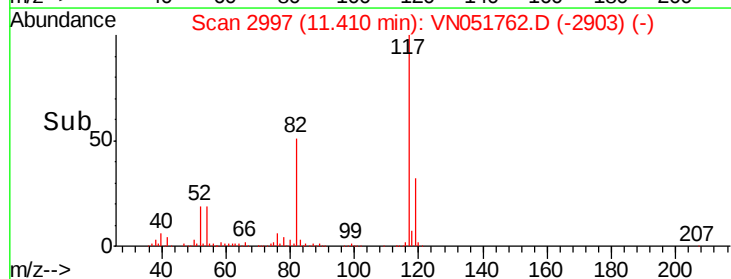
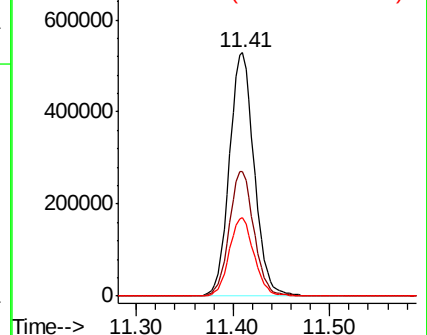
119 32.2 25.9 38.9

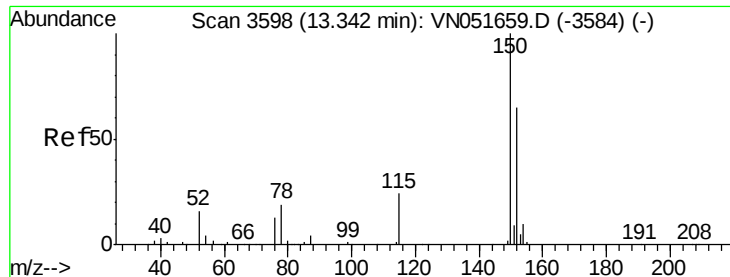


Abundance Ion 116.90 (116.60 to 117.60): VN051659.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN051659.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN051659.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051762.D

Acq: 9 Oct 2018 21:01

Instrument :

MSVOA_N

ClientSampleId :

PB113645ZHE#02

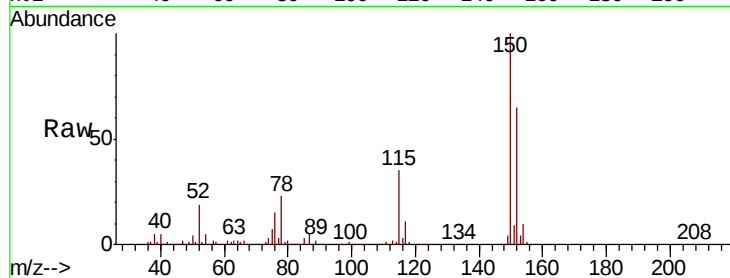
Tot Ion:152 Resp: 375892

Ion Ratio Lower Upper

152 100

115 53.9 28.6 85.8

150 154.9 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

