

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100818\
 Data File : VN051726.D
 Acq On : 8 Oct 2018 11:16
 Operator : MD\SY
 Sample : PB113584ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113584ZHE#01

Quant Time: Oct 09 04:33:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 05 02:22:33 2018
 Response via : Initial Calibration

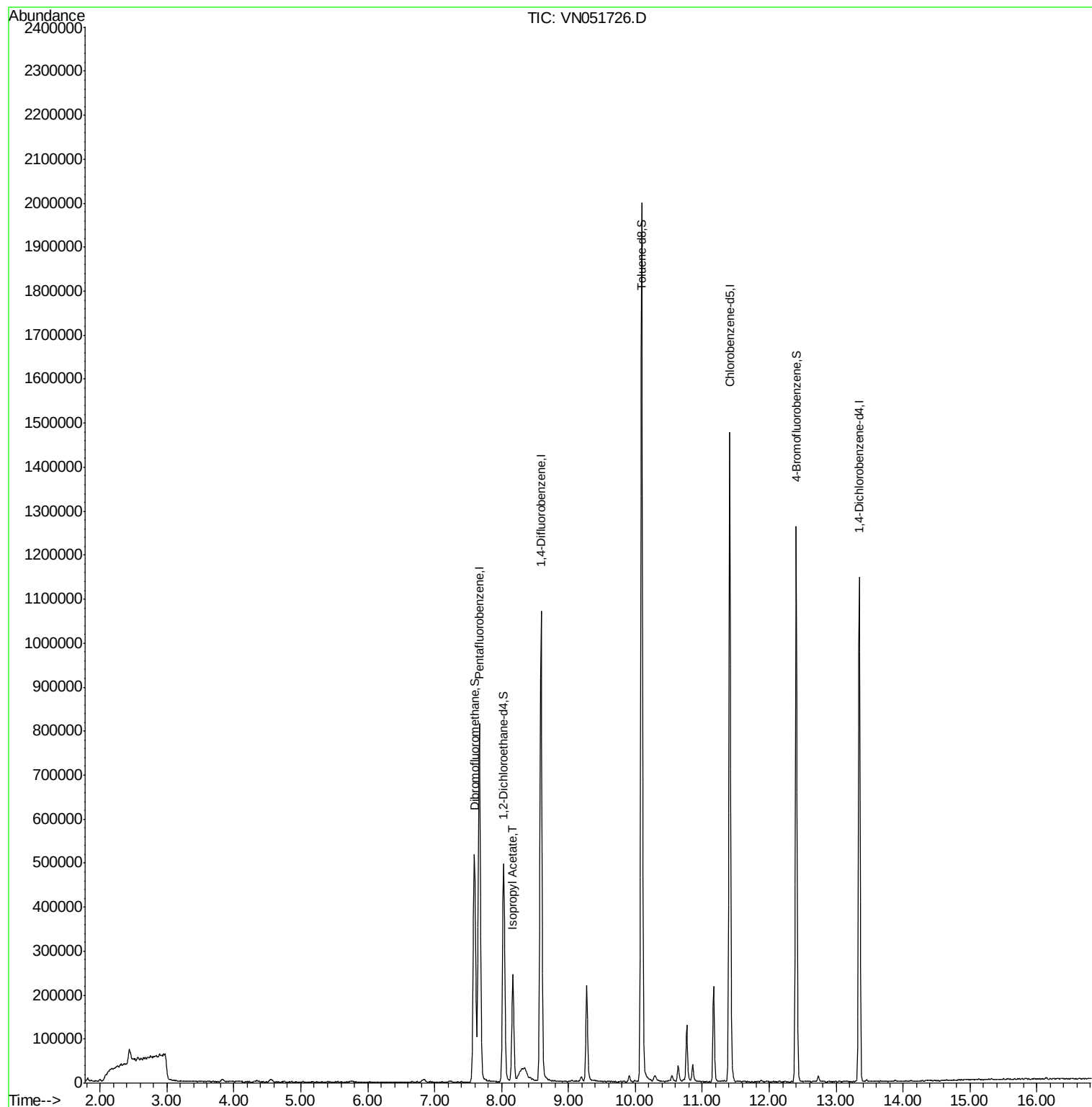
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	716823	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1027352	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	873020	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	321992	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	422687	44.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.28%	
35) Dibromofluoromethane	7.59	113	386405	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
50) Toluene-d8	10.09	98	1439170	48.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.14%	
62) 4-Bromofluorobenzene	12.40	95	395643	37.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.44%	
Target Compounds						
43) Isopropyl Acetate	8.17	43	288564	24.713	ug/l	Qvalue 98

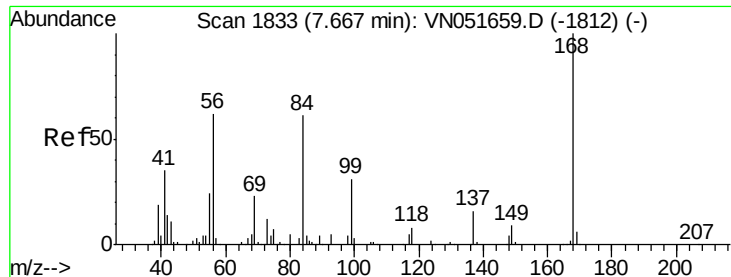
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051726.D

Acq: 8 Oct 2018 11:16

Instrument :

MSVOA_N

ClientSampleId :

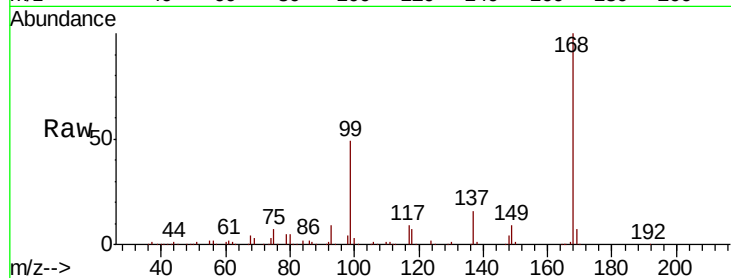
PB113584ZHE#01

Tot Ion:168 Resp: 716823

Ion Ratio Lower Upper

168 100

99 48.8 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): VN051726.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN051726.D (-1740) (-)

7.67

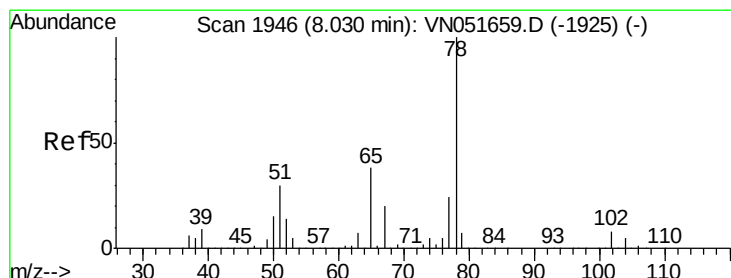
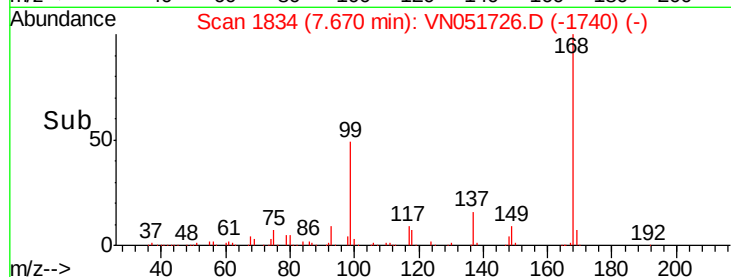
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051726.D

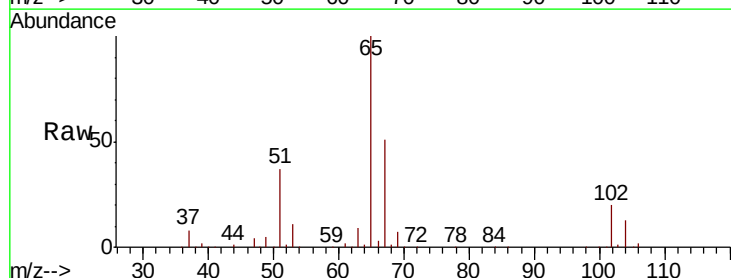
Acq: 8 Oct 2018 11:16

Tgt Ion: 65 Resp: 422687

Ion Ratio Lower Upper

65 100

67 51.1 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VN051726.D (-1853) (-)

Ion 66.90 (66.60 to 67.60): VN051726.D (-1853) (-)

8.03

200000

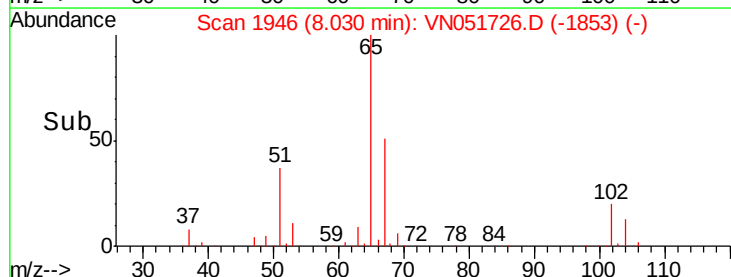
150000

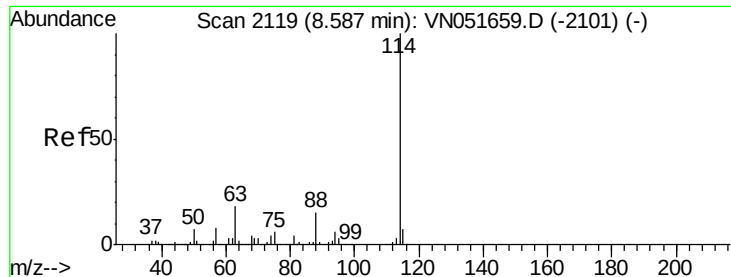
100000

50000

0

Time-->

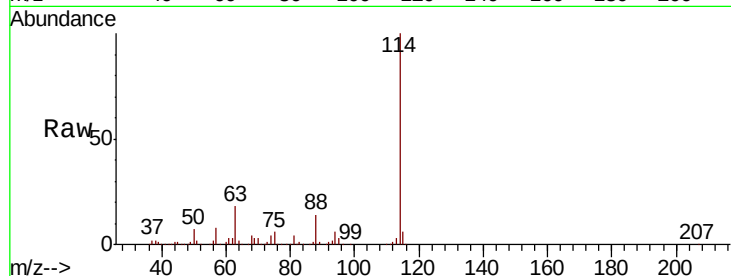




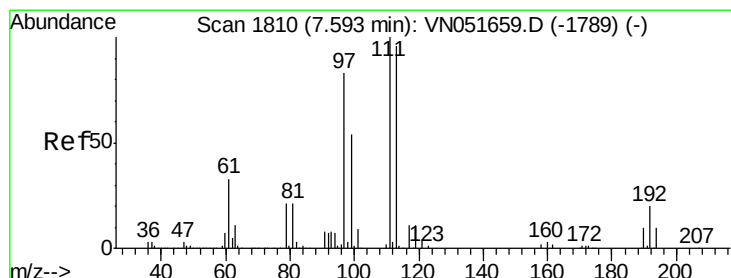
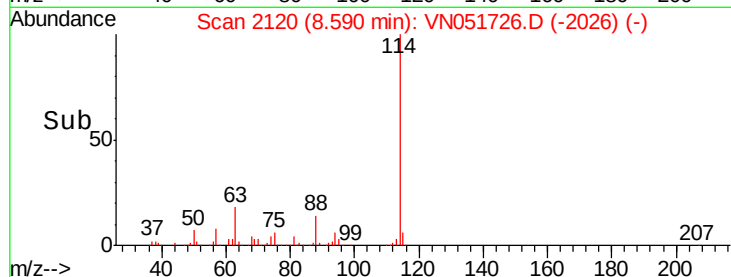
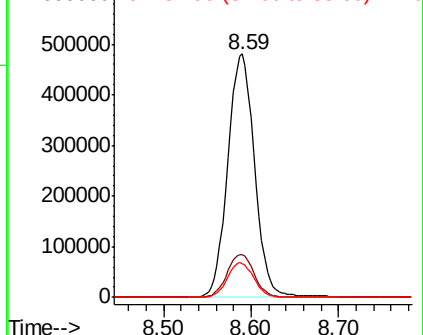
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN051726.D
 Acq: 8 Oct 2018 11:16

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113584ZHE#01

Tot Ion:114 Resp: 1027352
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 36.2
 88 14.0 0.0 30.2

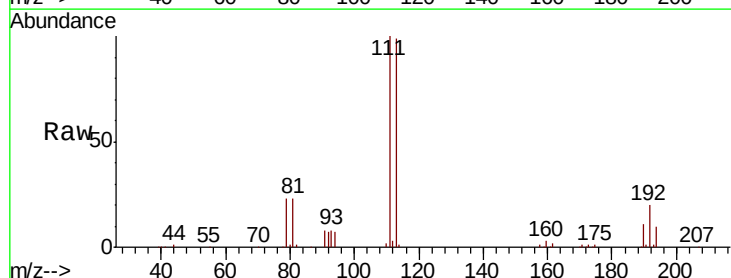


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

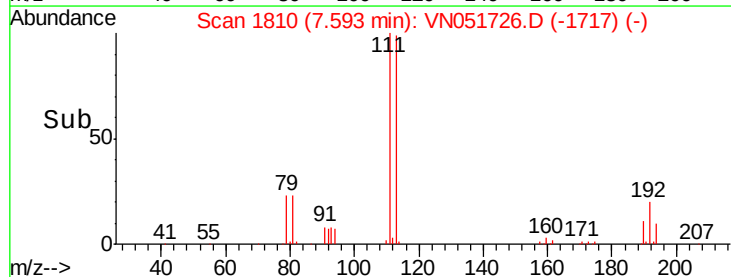
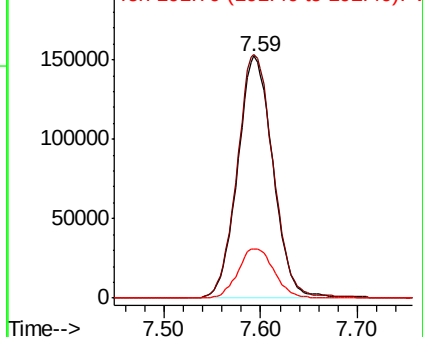


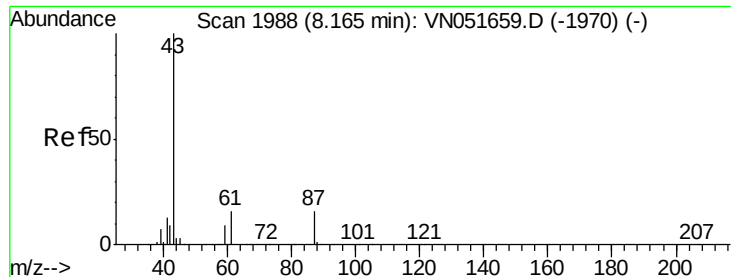
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051726.D
 Acq: 8 Oct 2018 11:16

Tgt Ion:113 Resp: 386405
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.8 122.8
 192 20.8 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: 24.713 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051726.D

Acq: 8 Oct 2018 11:16

Instrument :

MSVOA_N

ClientSampleId :

PB113584ZHE#01

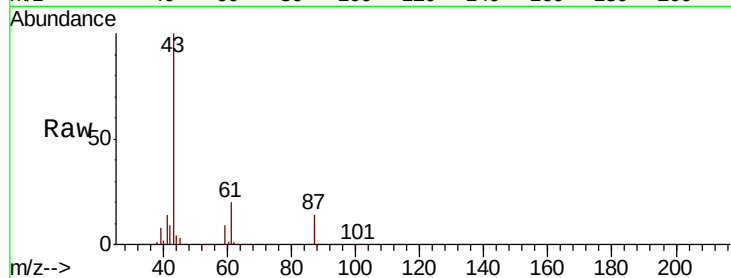
Tot Ion: 43 Resp: 288564

Ion Ratio Lower Upper

43 100

61 19.4 15.8 23.6

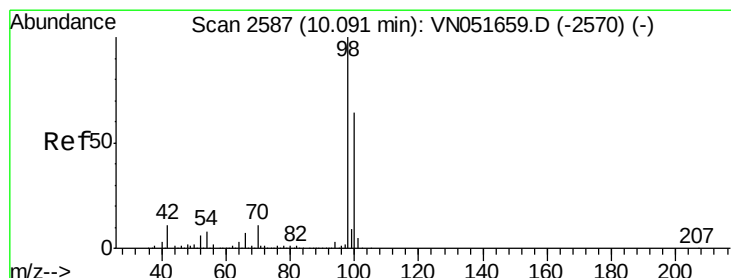
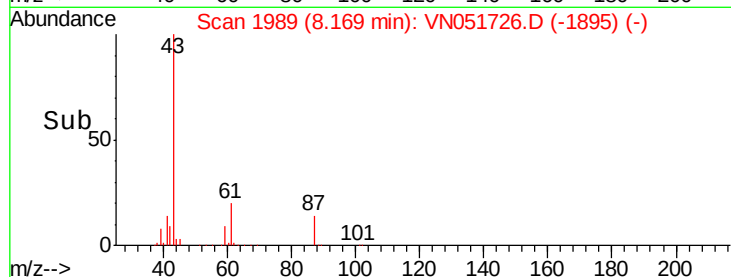
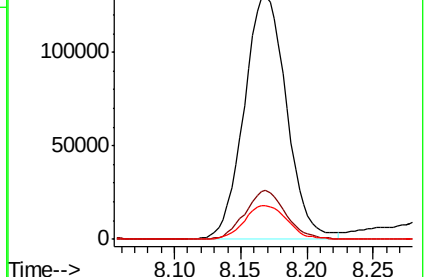
87 14.3 12.6 19.0



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) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051726.D

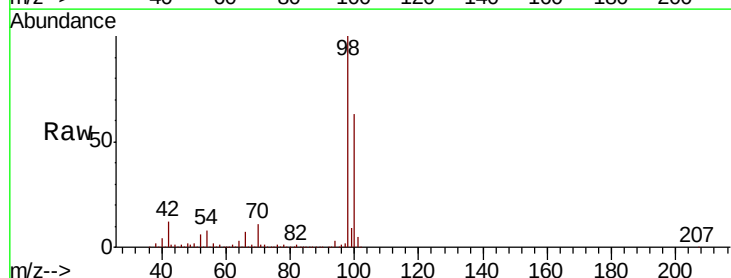
Acq: 8 Oct 2018 11:16

Tgt Ion: 98 Resp: 1439170

Ion Ratio Lower Upper

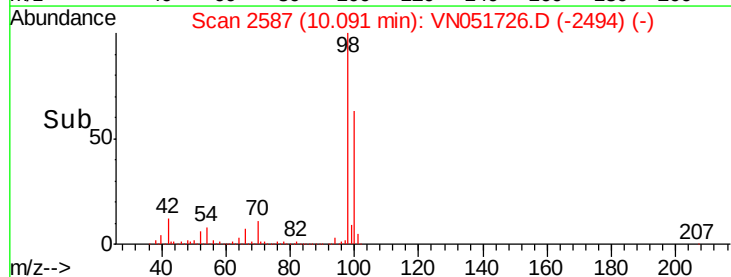
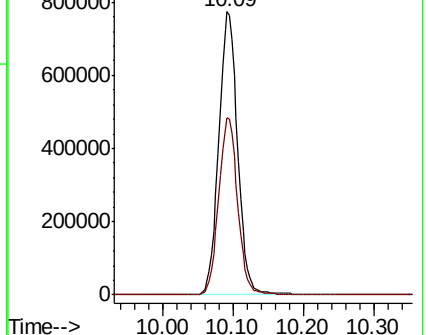
98 100

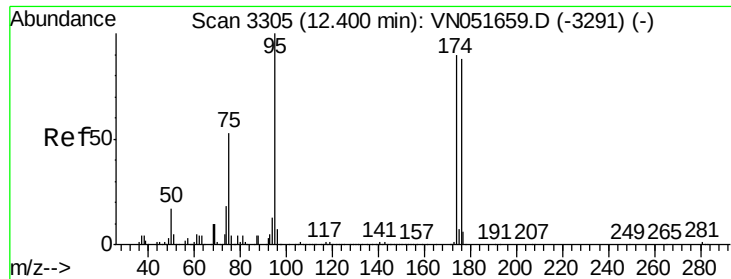
100 62.9 51.5 77.3



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

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





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051726.D

Acq: 8 Oct 2018 11:16

Instrument :

MSVOA_N

ClientSampleId :

PB113584ZHE#01

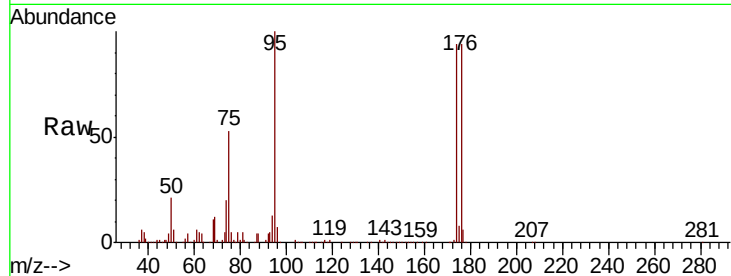
Tot Ion: 95 Resp: 395643

Ion Ratio Lower Upper

95 100

174 95.4 0.0 182.8

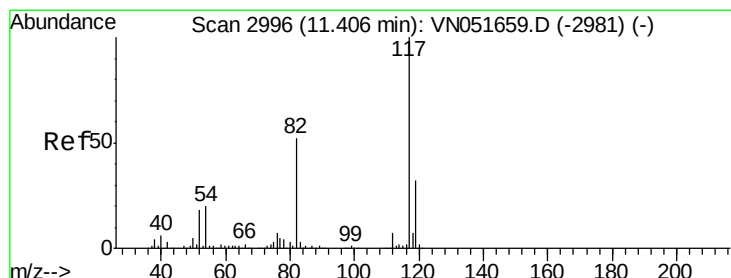
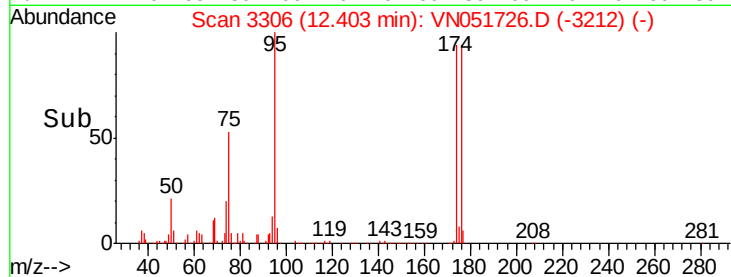
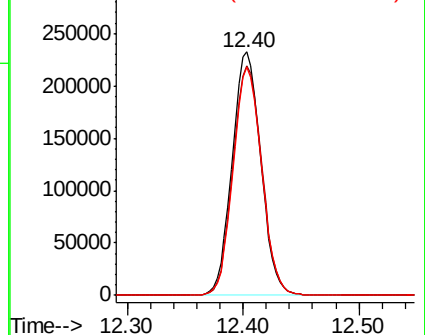
176 93.3 0.0 176.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051726.D

Acq: 8 Oct 2018 11:16

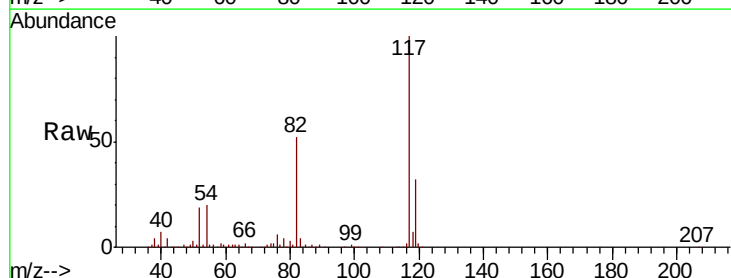
Tgt Ion: 117 Resp: 873020

Ion Ratio Lower Upper

117 100

82 52.1 41.3 61.9

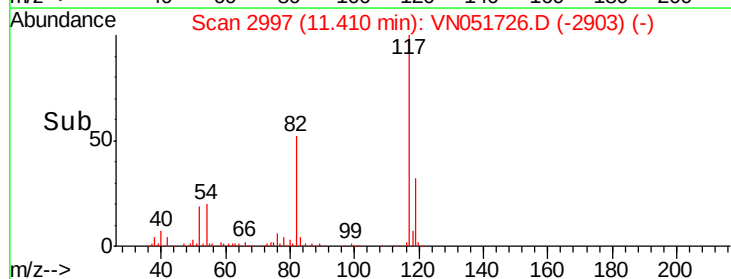
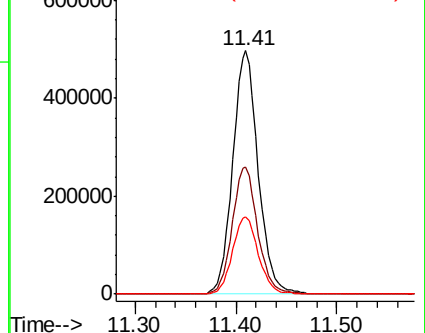
119 31.9 25.9 38.9

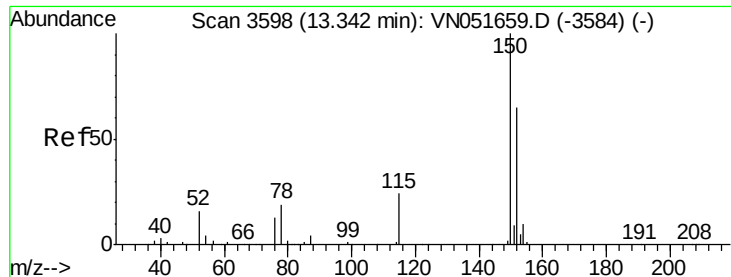


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051726.D

Acq: 8 Oct 2018 11:16

Instrument :

MSVOA_N

ClientSampleId :

PB113584ZHE#01

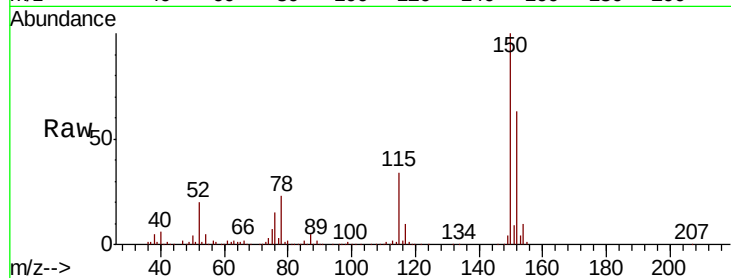
Tot Ion:152 Resp: 321992

Ion Ratio Lower Upper

152 100

115 54.2 28.6 85.8

150 158.5 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

