

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN113018\
 Data File : VN052607.D
 Acq On : 30 Nov 2018 15:21
 Operator : MD\SY
 Sample : PB115186ZHE#05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115186ZHE#05

Quant Time: Dec 01 02:16:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

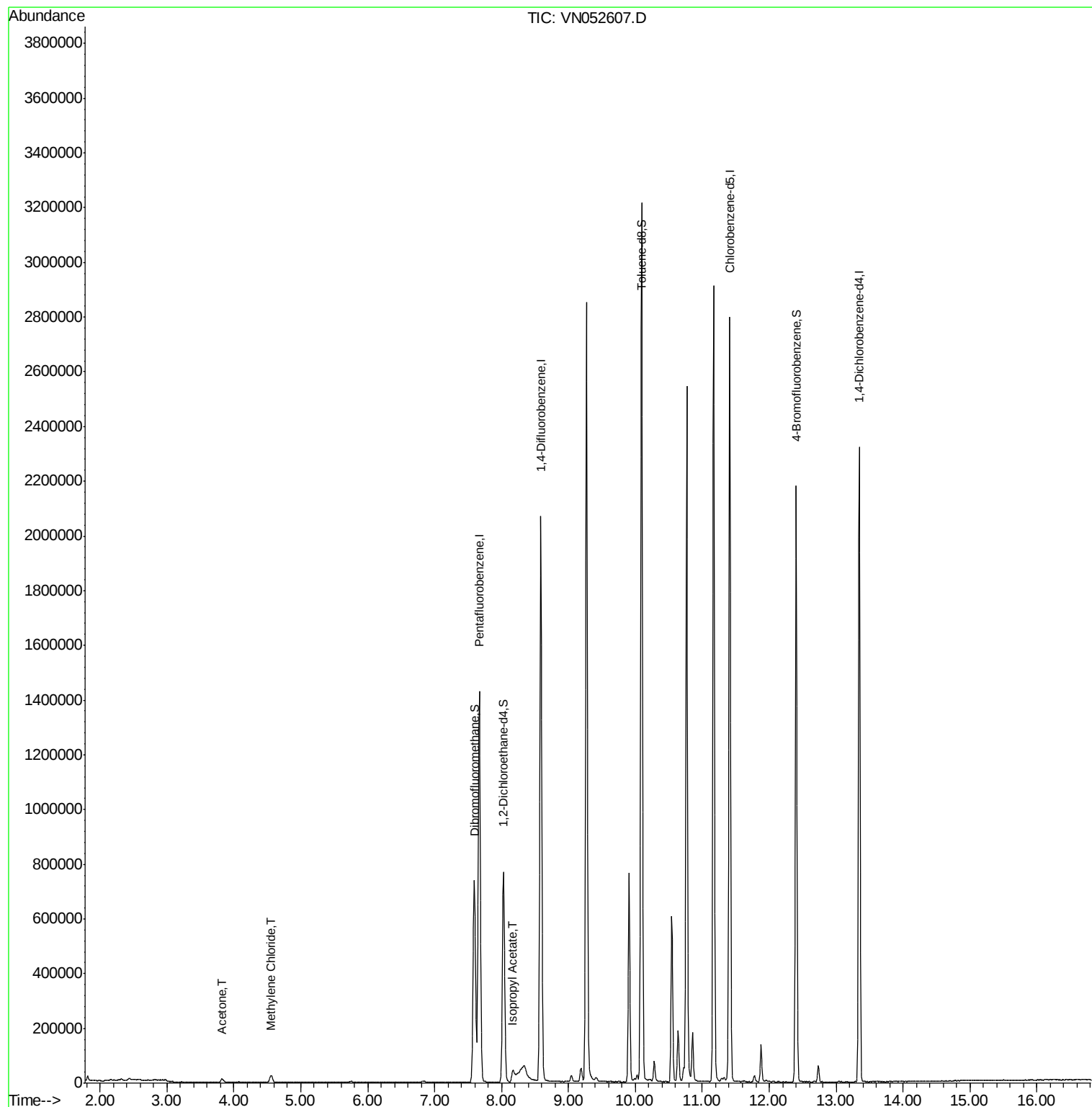
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1226606	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1897886	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1677654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	653705	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	646376	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.80%	
35) Dibromofluoromethane	7.59	113	577383	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.70%	
50) Toluene-d8	10.09	98	2308324	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.36%	
62) 4-Bromofluorobenzene	12.40	95	744623	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
Target Compounds						
16) Acetone	3.82	43	24349	6.912	ug/l	99
20) Methylene Chloride	4.55	84	21097	1.530	ug/l	95
43) Isopropyl Acetate	8.17	43	68352	3.693	ug/l #	77

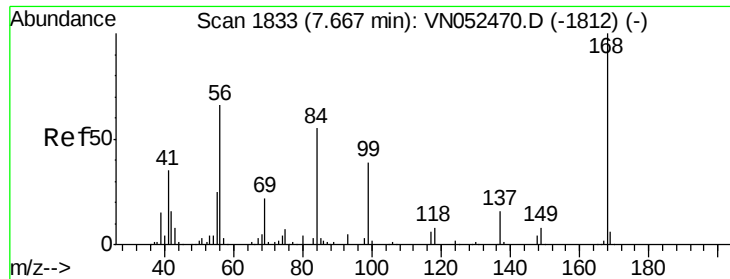
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052607.D

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Instrument :

MSVOA_N

ClientSampleId :

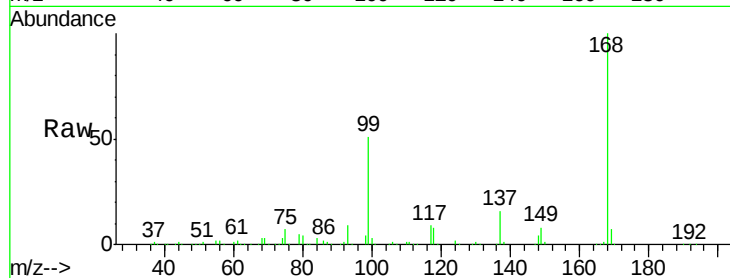
PB115186ZHE#05

Tgt Ion:168 Resp: 1226606

Ion Ratio Lower Upper

168 100

99 51.4 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN052470.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052470.D (-1812) (-)

7.67

600000

500000

400000

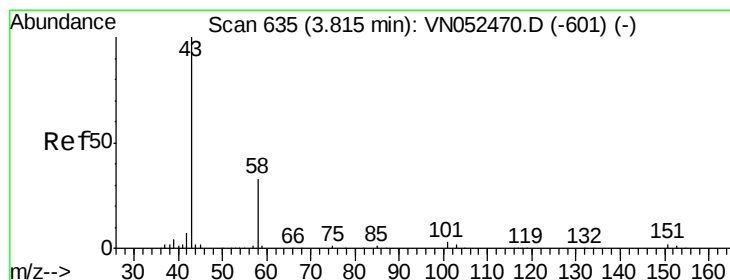
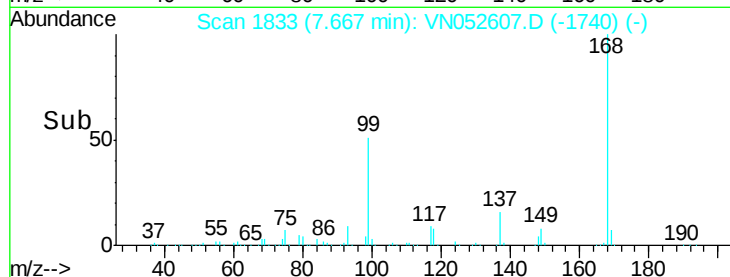
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 6.912 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN052607.D

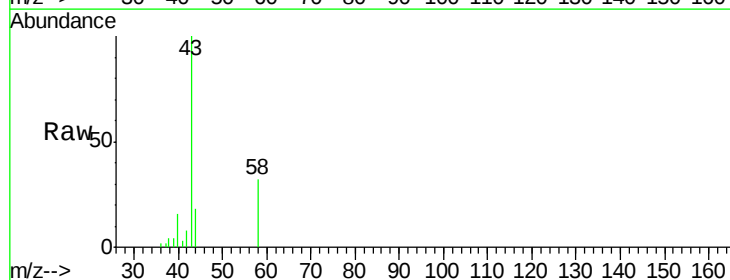
Acq: 30 Nov 2018 15:21

Tgt Ion: 43 Resp: 24349

Ion Ratio Lower Upper

43 100

58 33.1 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-601) (-)

Ion 58.00 (57.70 to 58.70): VN052470.D (-601) (-)

3.82

10000

8000

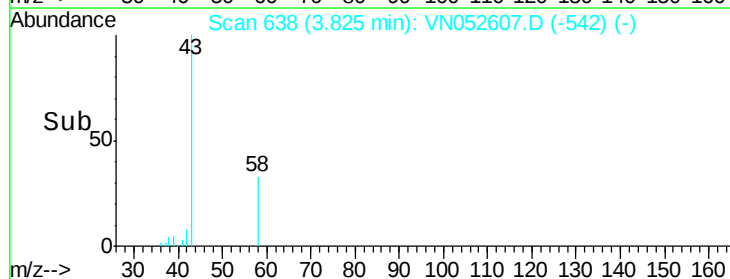
6000

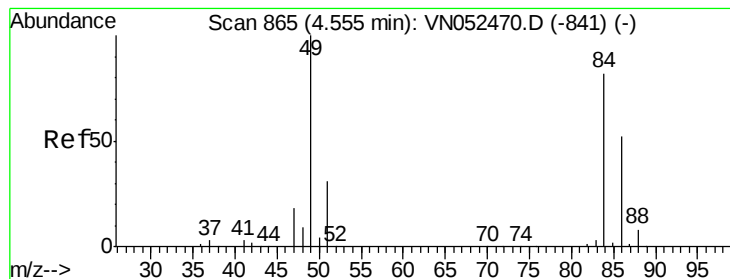
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 1.530 ug/l

RT: 4.55 min Scan# 864

Delta R.T. -0.00 min

Lab File: VN052607.D

Acq: 30 Nov 2018 15:21

Instrument :

MSVOA_N

ClientSampleId :

PB115186ZHE#05

Tgt Ion: 84 Resp: 21097

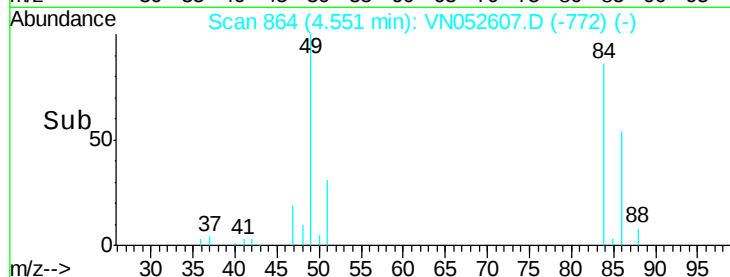
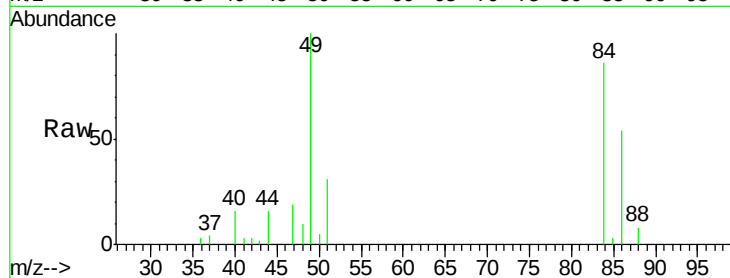
Ion Ratio Lower Upper

84 100

49 112.9 98.0 147.0

51 36.4 30.1 45.1

86 62.6 50.7 76.1

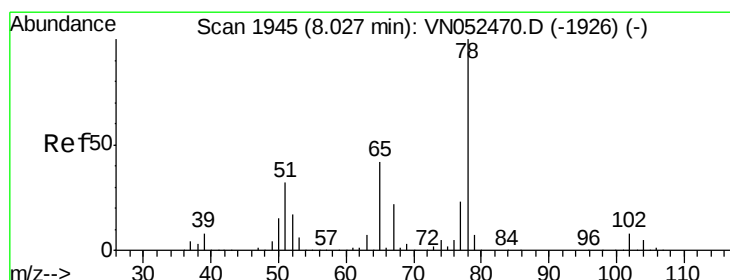
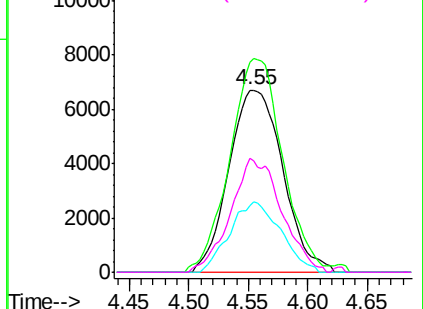


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN052607.D

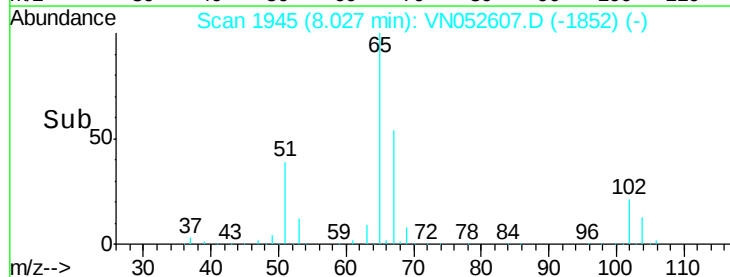
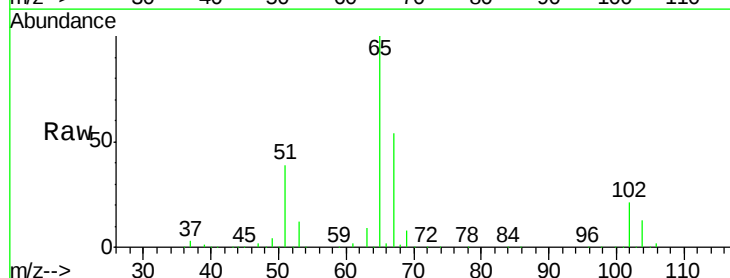
Acq: 30 Nov 2018 15:21

Tgt Ion: 65 Resp: 646376

Ion Ratio Lower Upper

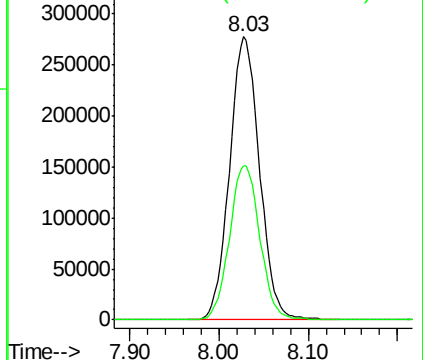
65 100

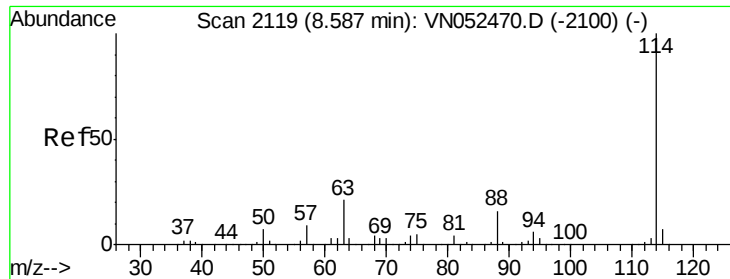
67 55.1 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

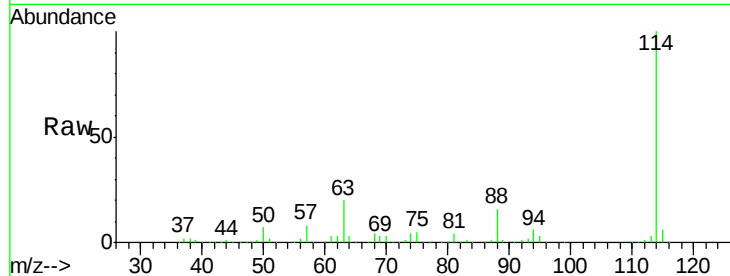




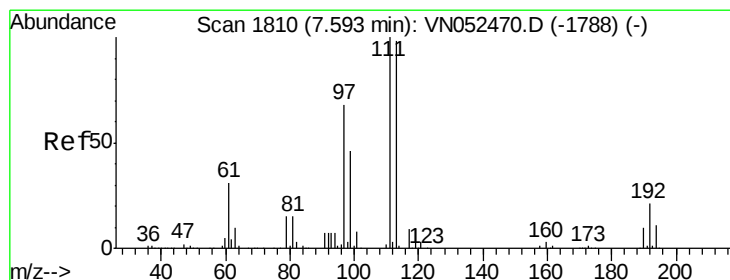
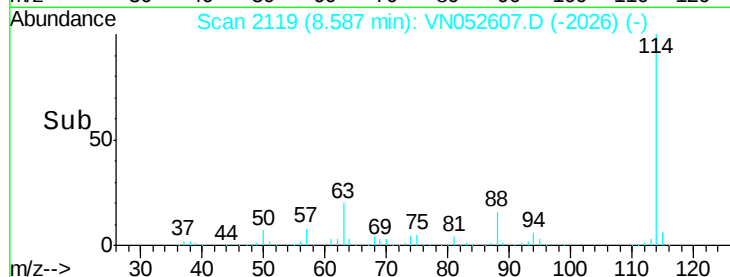
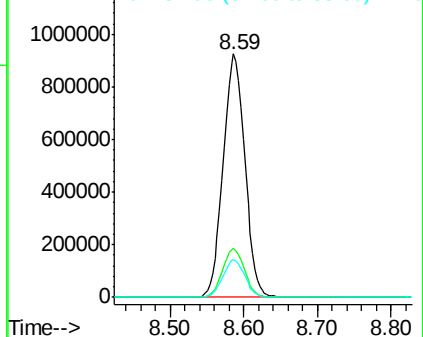
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052607.D
 Acq: 30 Nov 2018 15:21

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115186ZHE#05

Tgt Ion:114 Resp: 1897886
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 41.8
 88 15.6 0.0 31.6

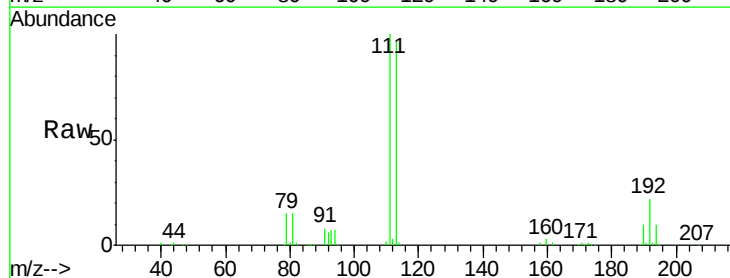


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

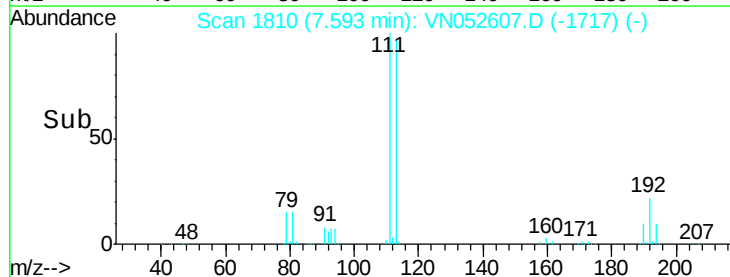
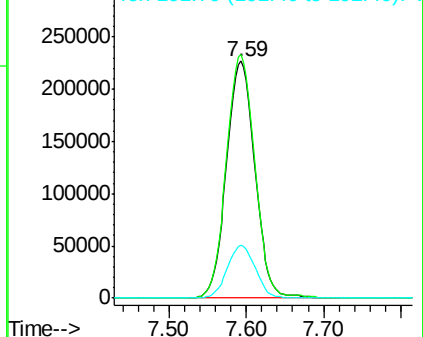


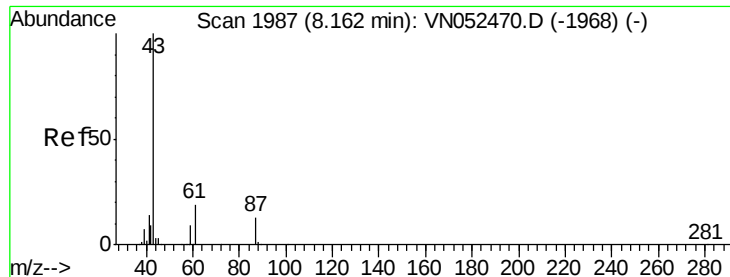
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052607.D
 Acq: 30 Nov 2018 15:21

Tgt Ion:113 Resp: 577383
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.0 123.0
 192 22.0 17.0 25.6



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





#43

Isopropyl Acetate

Concen: 3.693 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052607.D

Acq: 30 Nov 2018 15:21

Instrument :

MSVOA_N

ClientSampleId :

PB115186ZHE#05

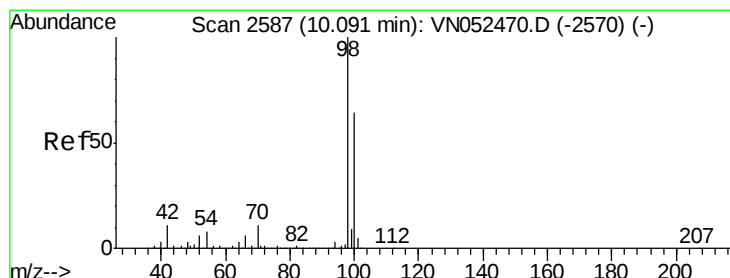
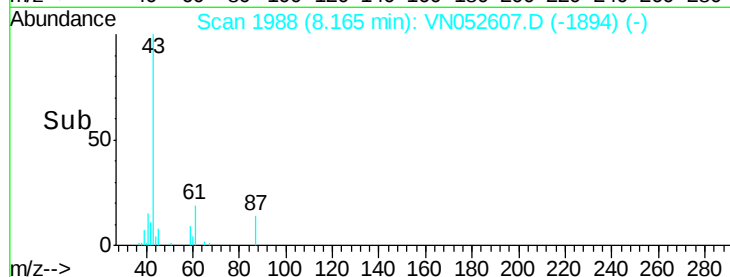
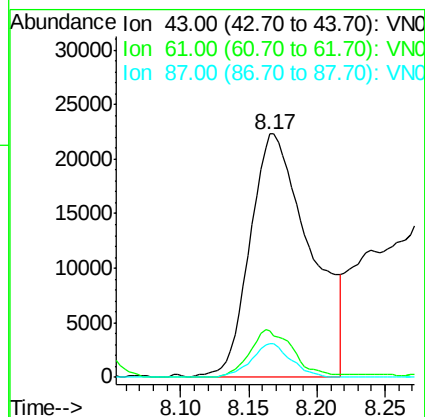
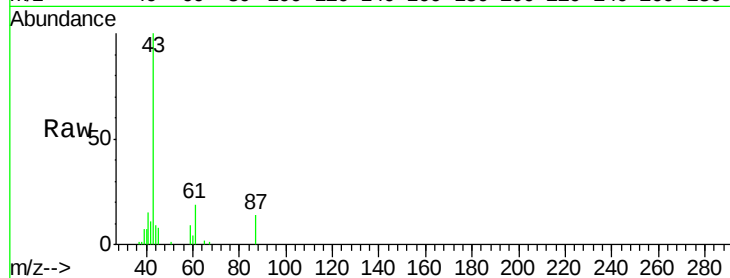
Tgt Ion: 43 Resp: 68352

Ion Ratio Lower Upper

43 100

61 14.4 24.1 36.1#

87 9.2 10.6 15.8#



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052607.D

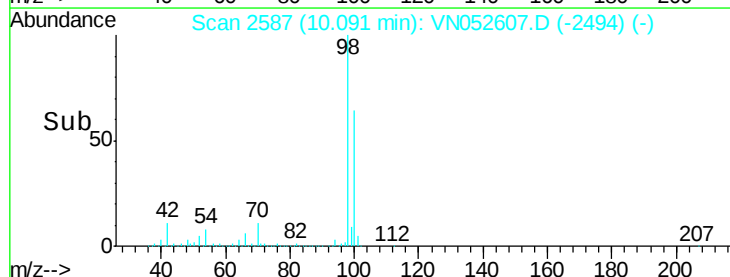
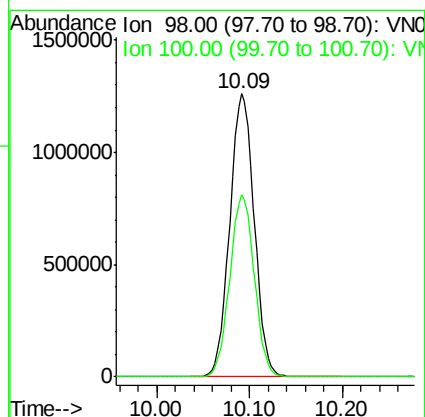
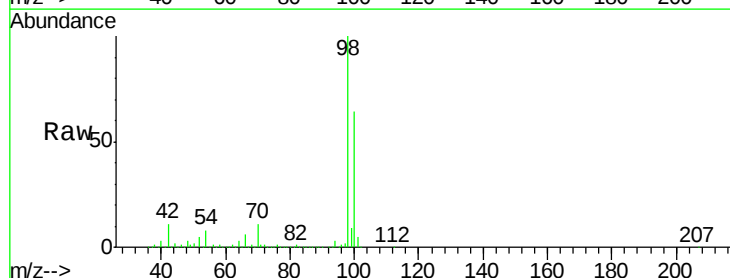
Acq: 30 Nov 2018 15:21

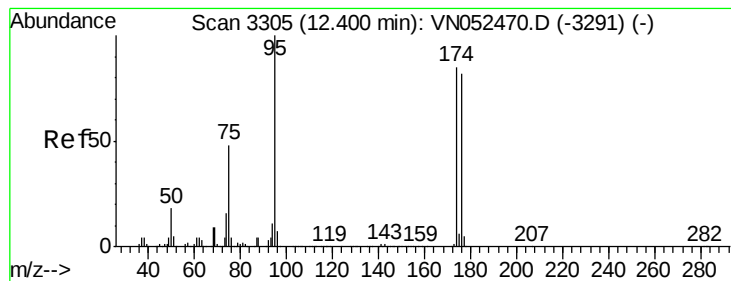
Tgt Ion: 98 Resp: 2308324

Ion Ratio Lower Upper

98 100

100 64.3 51.3 76.9





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052607.D

Acq: 30 Nov 2018 15:21

Instrument :

MSVOA_N

ClientSampleId :

PB115186ZHE#05

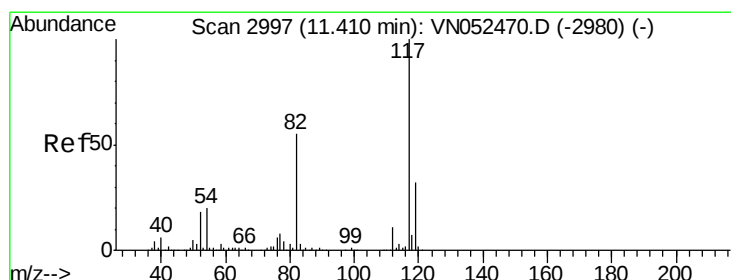
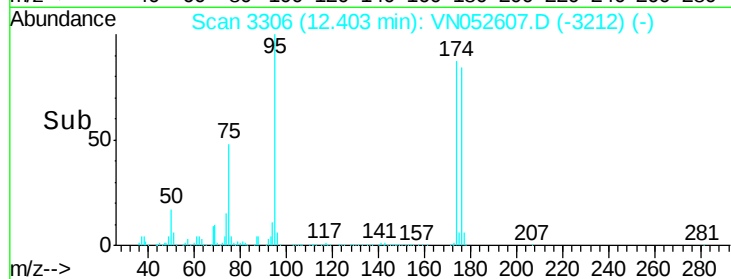
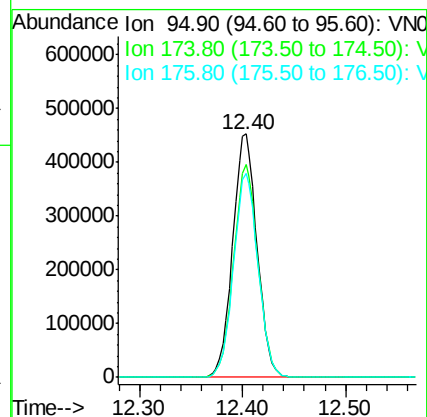
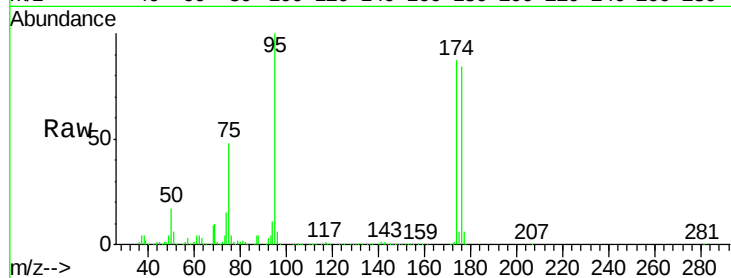
Tgt Ion: 95 Resp: 744623

Ion Ratio Lower Upper

95 100

174 87.3 0.0 173.0

176 84.5 0.0 166.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. -0.00 min

Lab File: VN052607.D

Acq: 30 Nov 2018 15:21

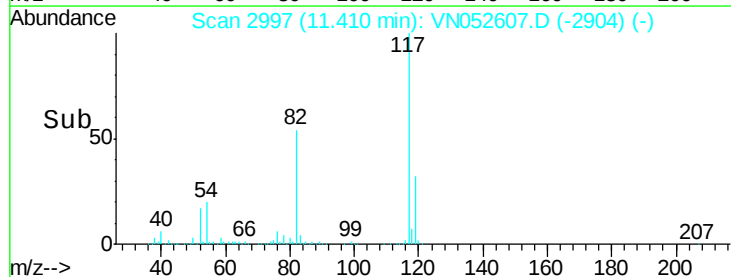
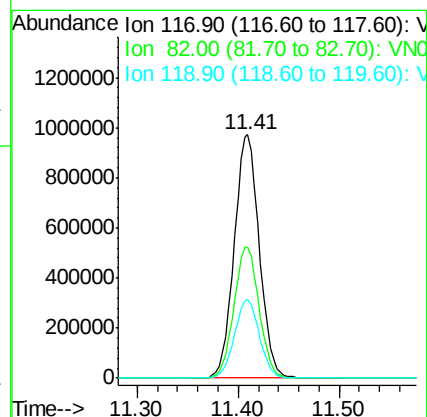
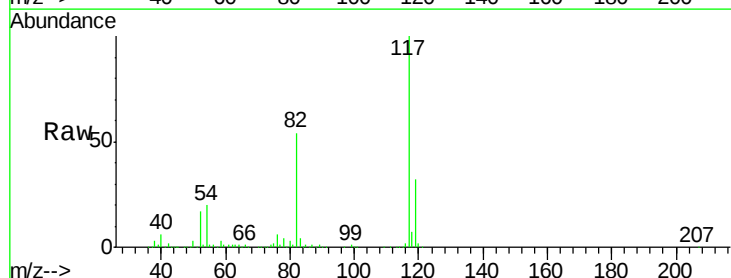
Tgt Ion: 117 Resp: 1677654

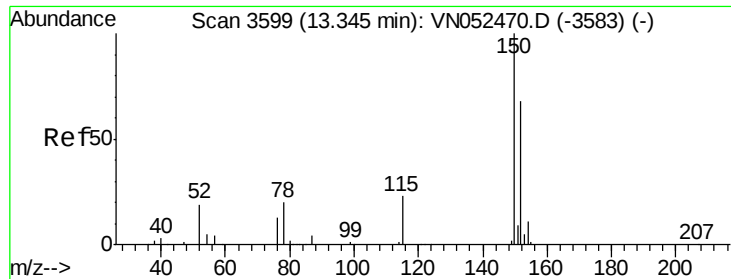
Ion Ratio Lower Upper

117 100

82 53.8 43.6 65.4

119 32.1 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN052607.D

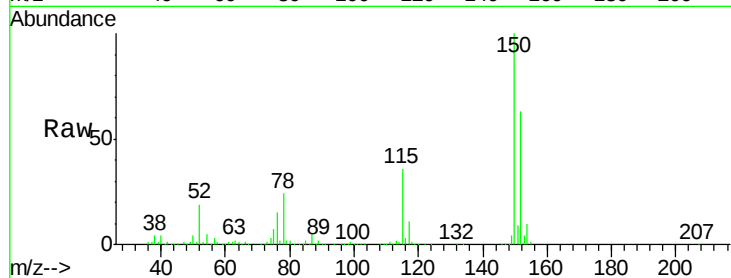
Acq: 30 Nov 2018 15:21

Instrument :

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PB115186ZHE#05



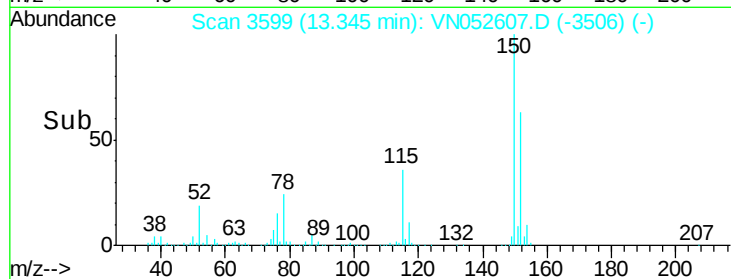
Tgt Ion:152 Resp: 653705

Ion Ratio Lower Upper

152 100

115 56.5 28.4 85.2

150 157.4 0.0 346.0



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

