

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080318\
 Data File : VN050335.D
 Acq On : 4 Aug 2018 1:20
 Operator : MD\SY
 Sample : PB111719ZHE#15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111719ZHE#15

Quant Time: Aug 04 02:14:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

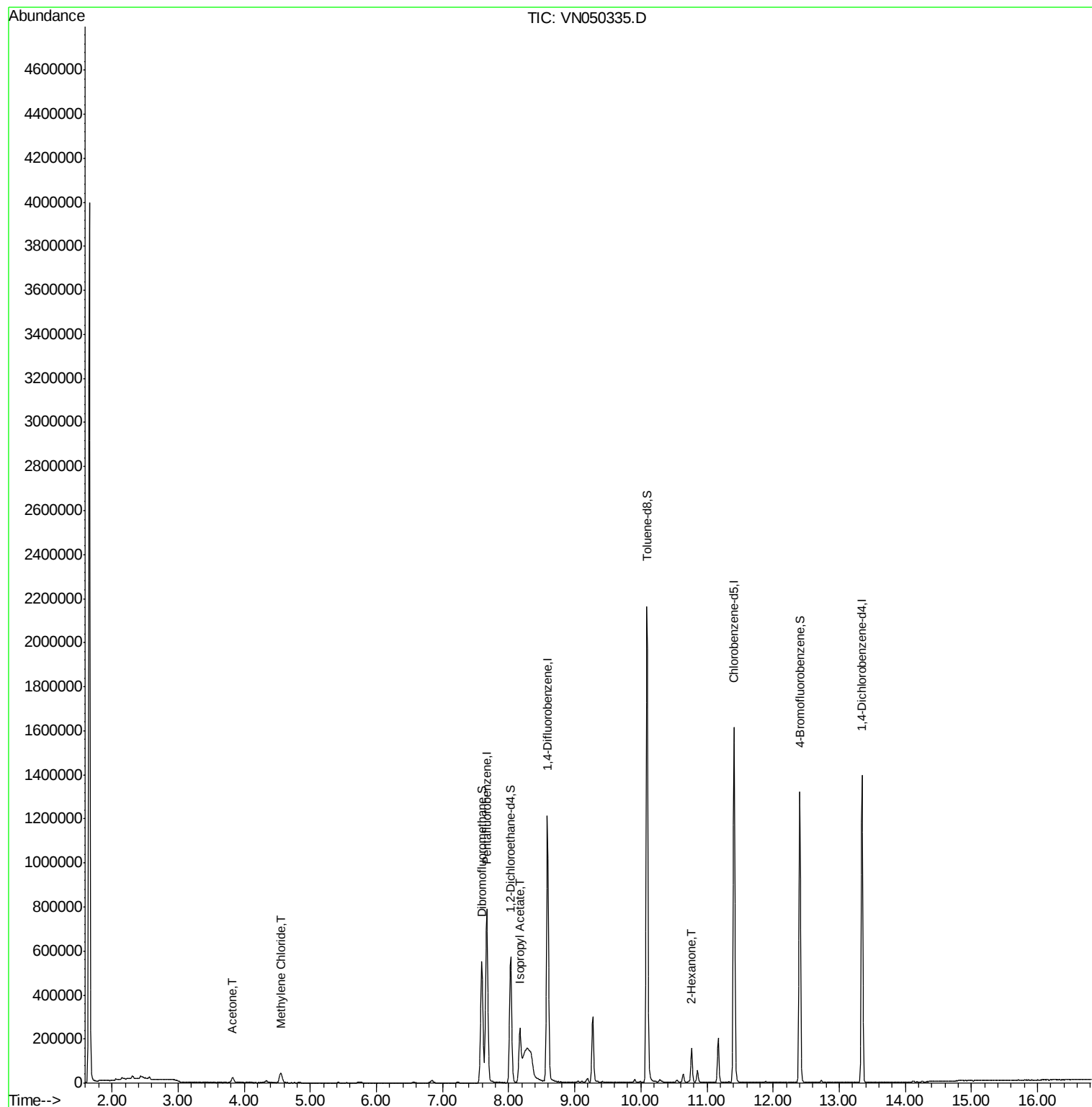
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	670511	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1113716	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	966422	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	387690	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	477725	51.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.14%	
35) Dibromofluoromethane	7.59	113	416551	45.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.62%	
50) Toluene-d8	10.09	98	1532639	45.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.70%	
62) 4-Bromofluorobenzene	12.40	95	439741	39.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.90%	
Target Compounds						
16) Acetone	3.83	43	40993	14.51	ug/l	97
20) Methylene Chloride	4.55	84	34613	2.99	ug/l	95
43) Isopropyl Acetate	8.17	43	297807	17.32	ug/l	95
59) 2-Hexanone	10.77	43	23092	8.75	ug/l #	55

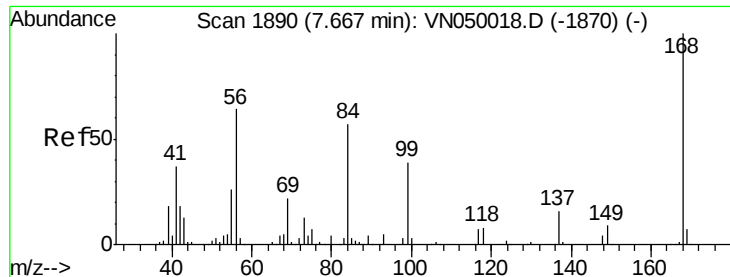
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050335.D

Acq: 4 Aug 2018 1:20

Instrument :

MSVOA_N

ClientSampleId :

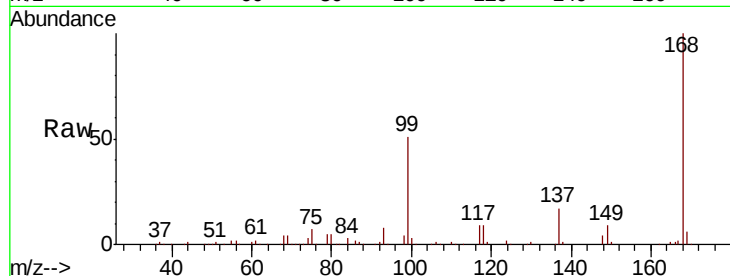
PB111719ZHE#15

Tot Ion:168 Resp: 670511

Ion Ratio Lower Upper

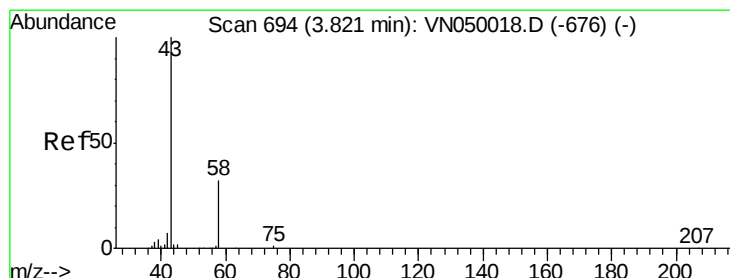
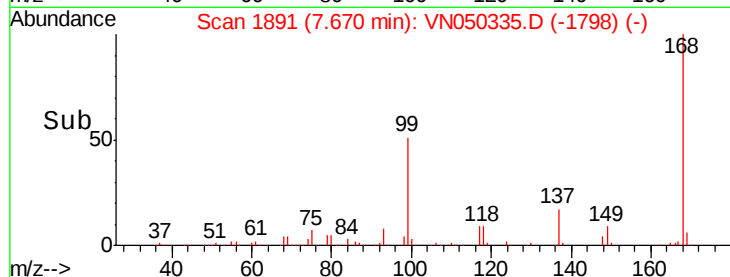
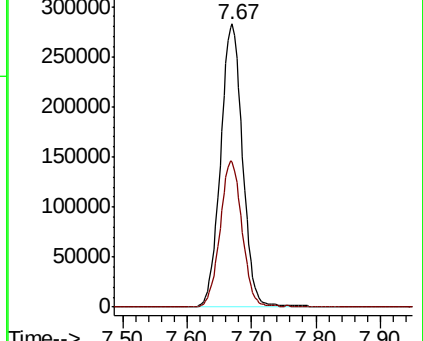
168 100

99 51.2 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 14.51 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050335.D

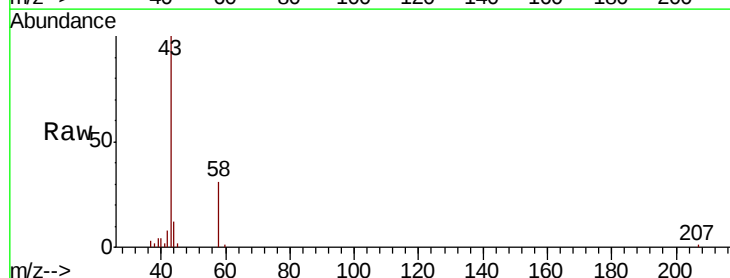
Acq: 4 Aug 2018 1:20

Tgt Ion: 43 Resp: 40993

Ion Ratio Lower Upper

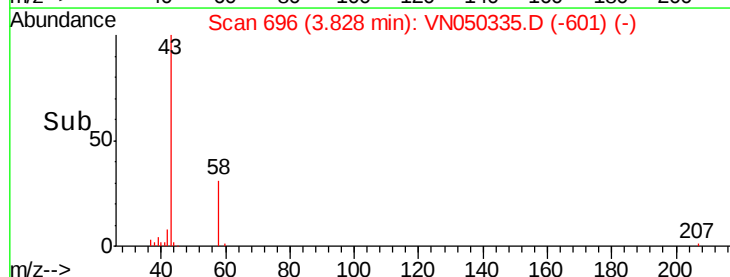
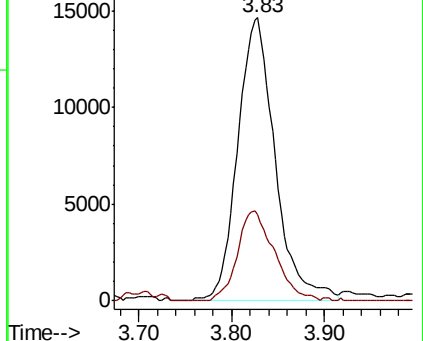
43 100

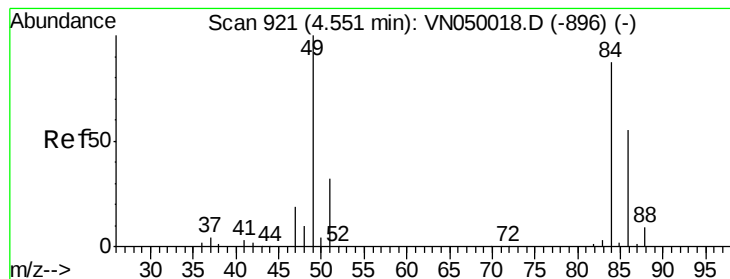
58 30.6 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#20

Methvlene Chloride

Concen: 2.99 ug/l

RT: 4.55 min Scan# 921

Delta R.T. 0.00 min

Lab File: VN050335.D

Acq: 4 Aug 2018 1:20

Instrument :

MSVOA_N

ClientSampleId :

PB111719ZHE#15

Tot Ion: 84 Resp: 34613

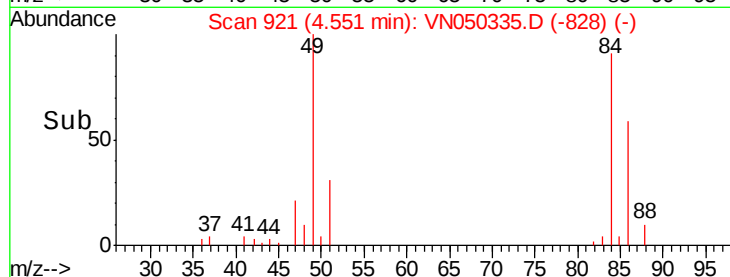
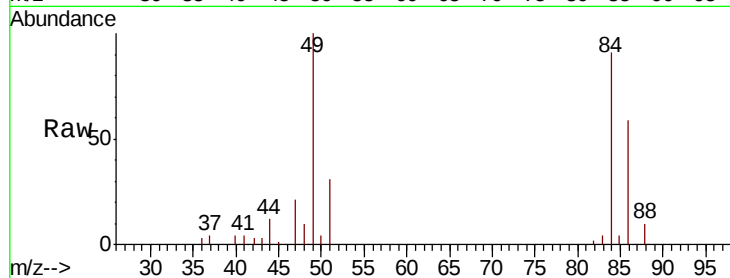
Ion Ratio Lower Upper

84 100

49 110.3 94.8 142.2

51 33.9 28.3 42.5

86 64.8 51.0 76.6

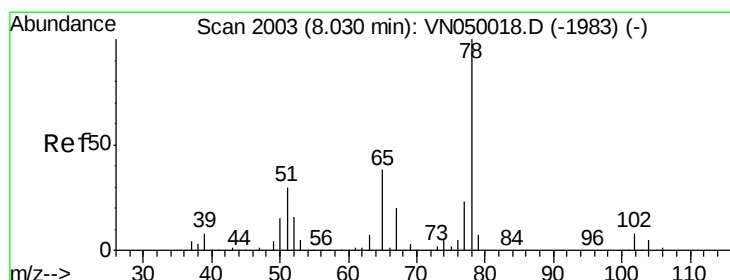
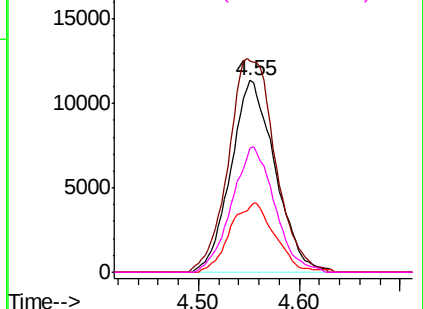


Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 51.07 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050335.D

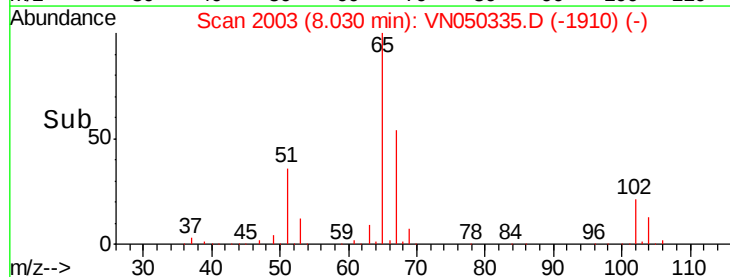
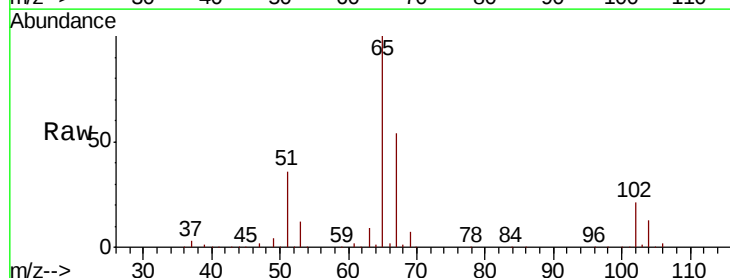
Acq: 4 Aug 2018 1:20

Tgt Ion: 65 Resp: 477725

Ion Ratio Lower Upper

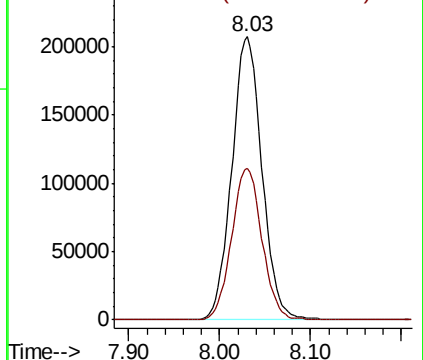
65 100

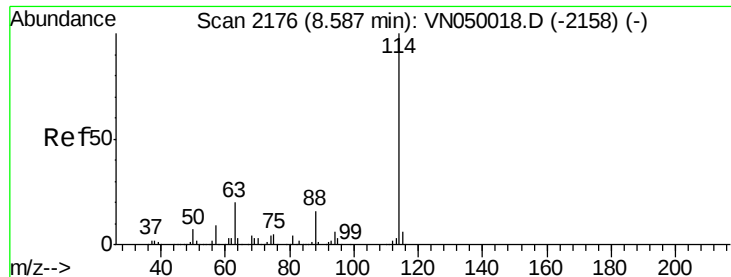
67 53.9 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

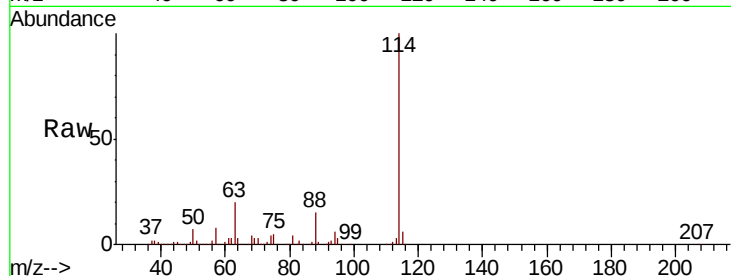




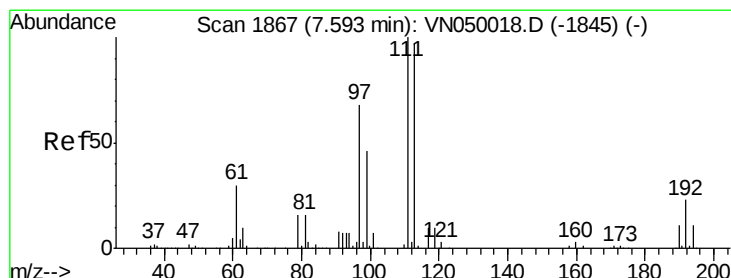
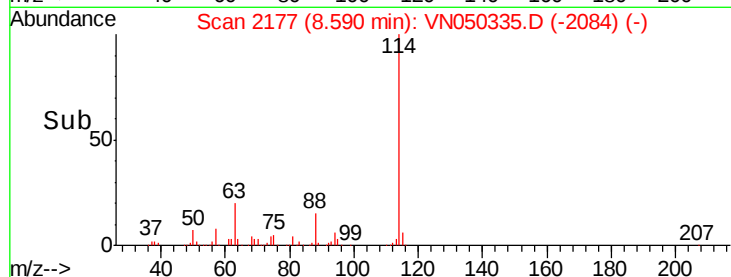
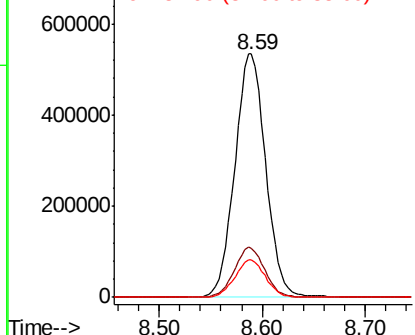
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050335.D
 Acq: 4 Aug 2018 1:20

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111719ZHE#15

Tot Ion:114 Resp: 1113716
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.0
 88 15.4 0.0 31.2

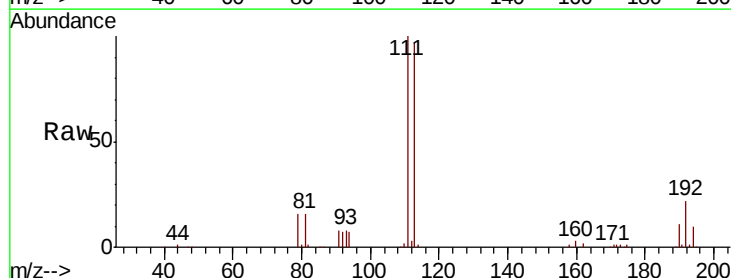


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

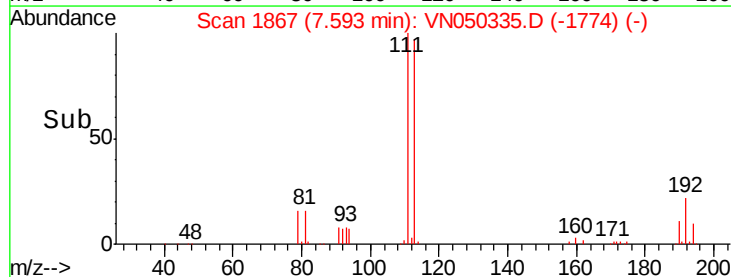
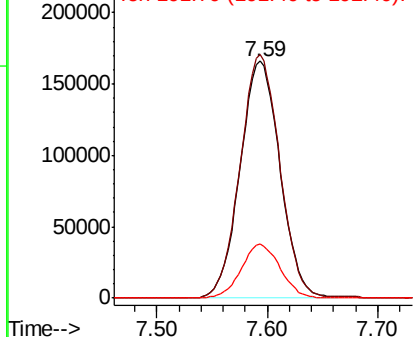


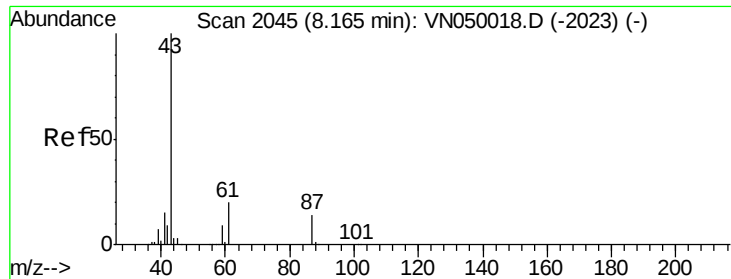
#35
 Dibromofluoromethane
 Concen: 45.81 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050335.D
 Acq: 4 Aug 2018 1:20

Tgt Ion:113 Resp: 416551
 Ion Ratio Lower Upper
 113 100
 111 102.5 80.7 121.1
 192 22.2 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





#43

Isopropyl Acetate

Concen: 17.32 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050335.D

Acq: 4 Aug 2018 1:20

Instrument :

MSVOA_N

ClientSampleId :

PB111719ZHE#15

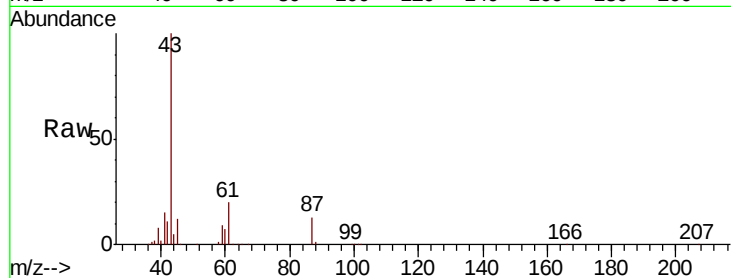
Tot Ion: 43 Resp: 297807

Ion Ratio Lower Upper

43 100

61 17.1 15.8 23.6

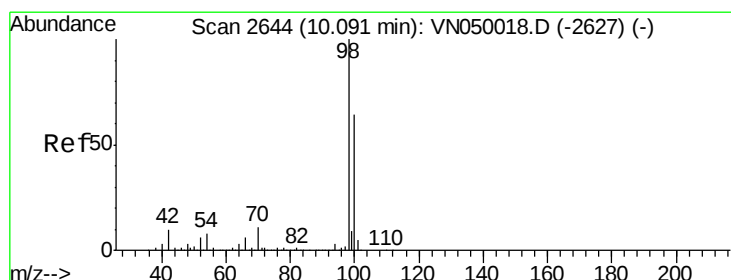
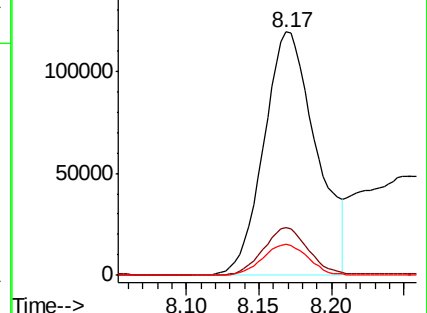
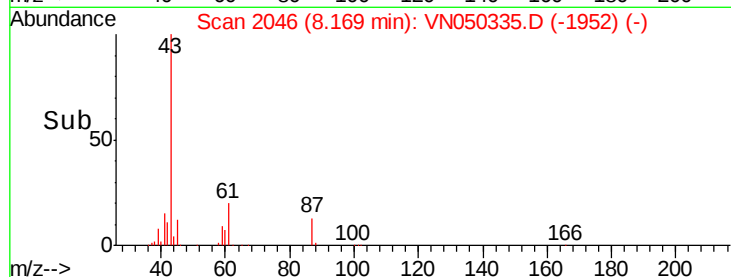
87 11.1 10.3 15.5



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: 45.85 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050335.D

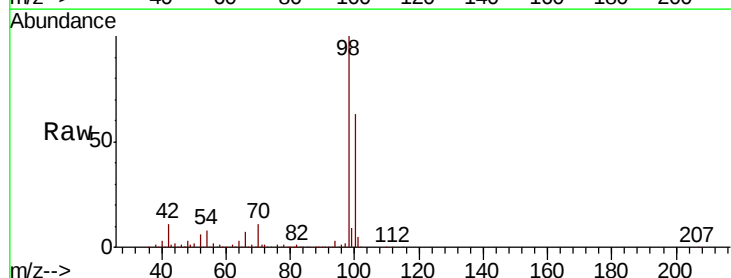
Acq: 4 Aug 2018 1:20

Tgt Ion: 98 Resp: 1532639

Ion Ratio Lower Upper

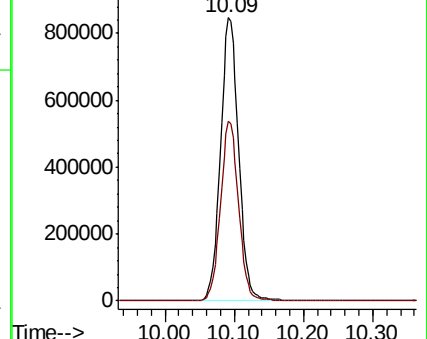
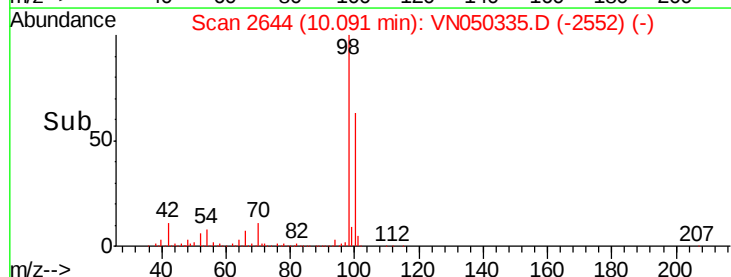
98 100

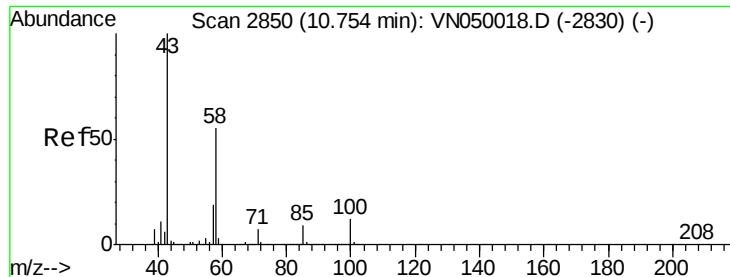
100 63.3 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#59

2-Hexanone

Concen: 8.75 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050335.D

Acq: 4 Aug 2018 1:20

Instrument :

MSVOA_N

ClientSampleId :

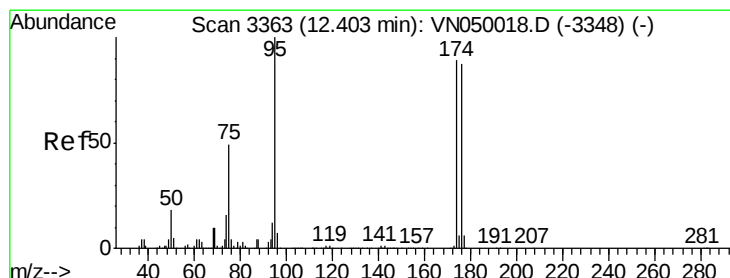
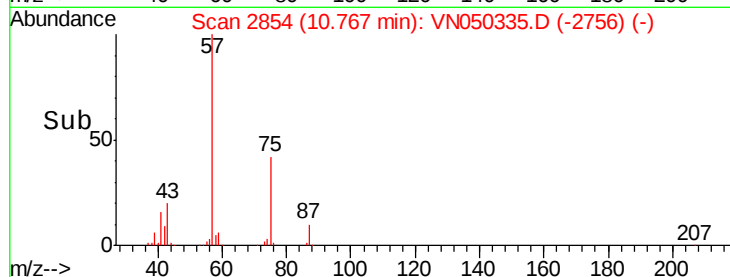
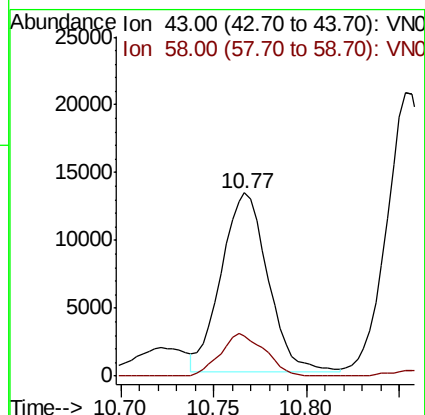
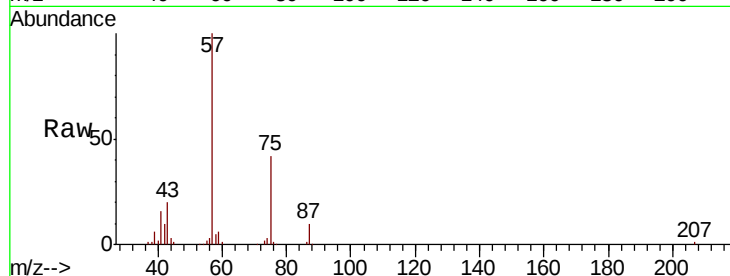
PB111719ZHE#15

Tot Ion: 43 Resp: 23092

Ion Ratio Lower Upper

43 100

58 22.7 27.6 82.7#



#62

4-Bromofluorobenzene

Concen: 39.95 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050335.D

Acq: 4 Aug 2018 1:20

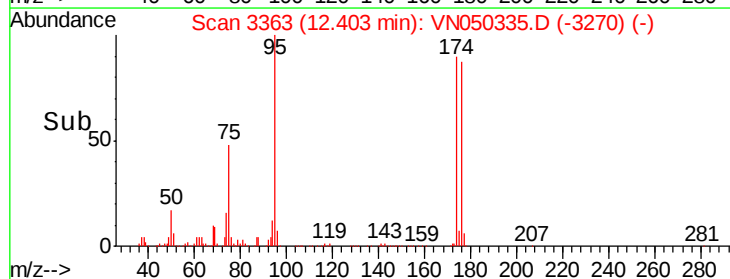
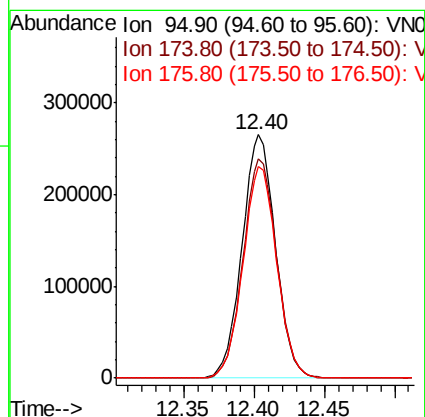
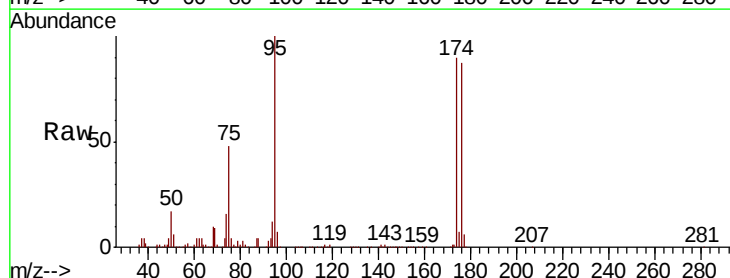
Tgt Ion: 95 Resp: 439741

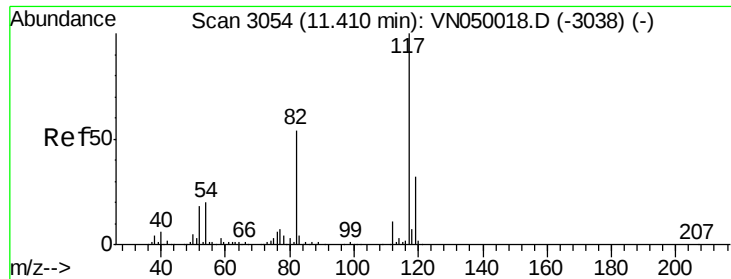
Ion Ratio Lower Upper

95 100

174 91.1 0.0 178.2

176 88.0 0.0 173.4





#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050335.D

Acq: 4 Aug 2018 1:20

Instrument :

MSVOA_N

ClientSampleId :

PB111719ZHE#15

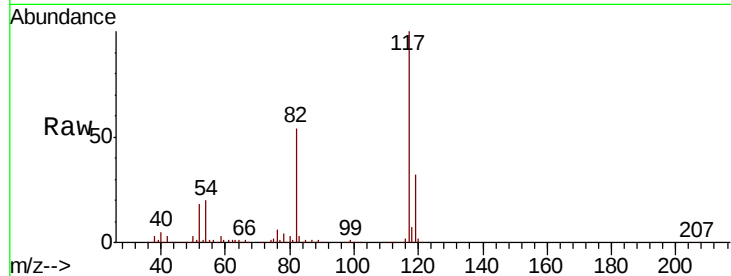
Tot Ion:117 Resp: 966422

Ion Ratio Lower Upper

117 100

82 53.6 43.7 65.5

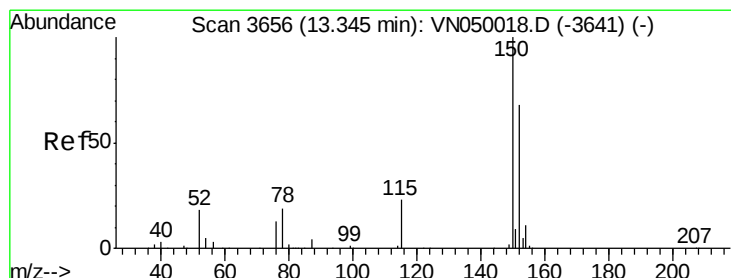
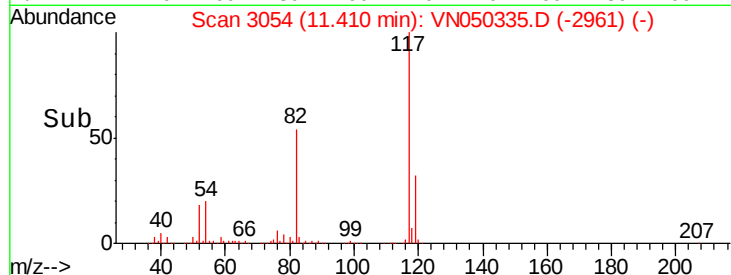
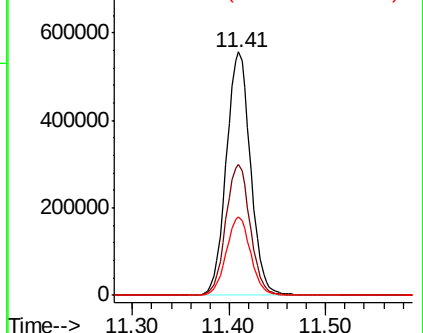
119 32.3 26.1 39.1



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050335.D

Acq: 4 Aug 2018 1:20

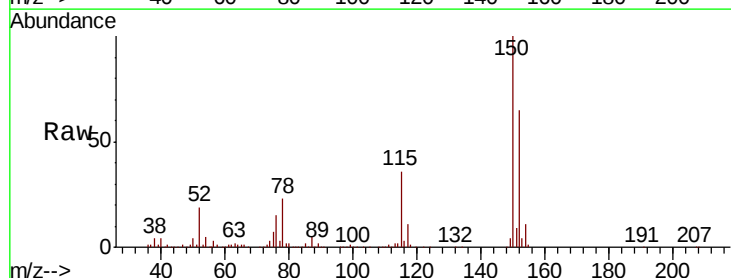
Tgt Ion:152 Resp: 387690

Ion Ratio Lower Upper

152 100

115 55.8 27.8 83.3

150 154.2 0.0 348.6



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

