

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073018\
 Data File : VN050183.D
 Acq On : 30 Jul 2018 13:30
 Operator : MD\SY
 Sample : PB111570ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111570ZHE#03

Quant Time: Jul 31 01:35:54 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	653903	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1086785	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	953834	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	341841	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	459255	50.34	ug/l	0.00
Spiked Amount			Recovery	=	100.68%	
35) Dibromofluoromethane	7.59	113	415094	46.78	ug/l	0.00
Spiked Amount			Recovery	=	93.56%	
50) Toluene-d8	10.09	98	1491349	45.72	ug/l	0.00
Spiked Amount			Recovery	=	91.44%	
62) 4-Bromofluorobenzene	12.40	95	428638	39.90	ug/l	0.00
Spiked Amount			Recovery	=	79.80%	

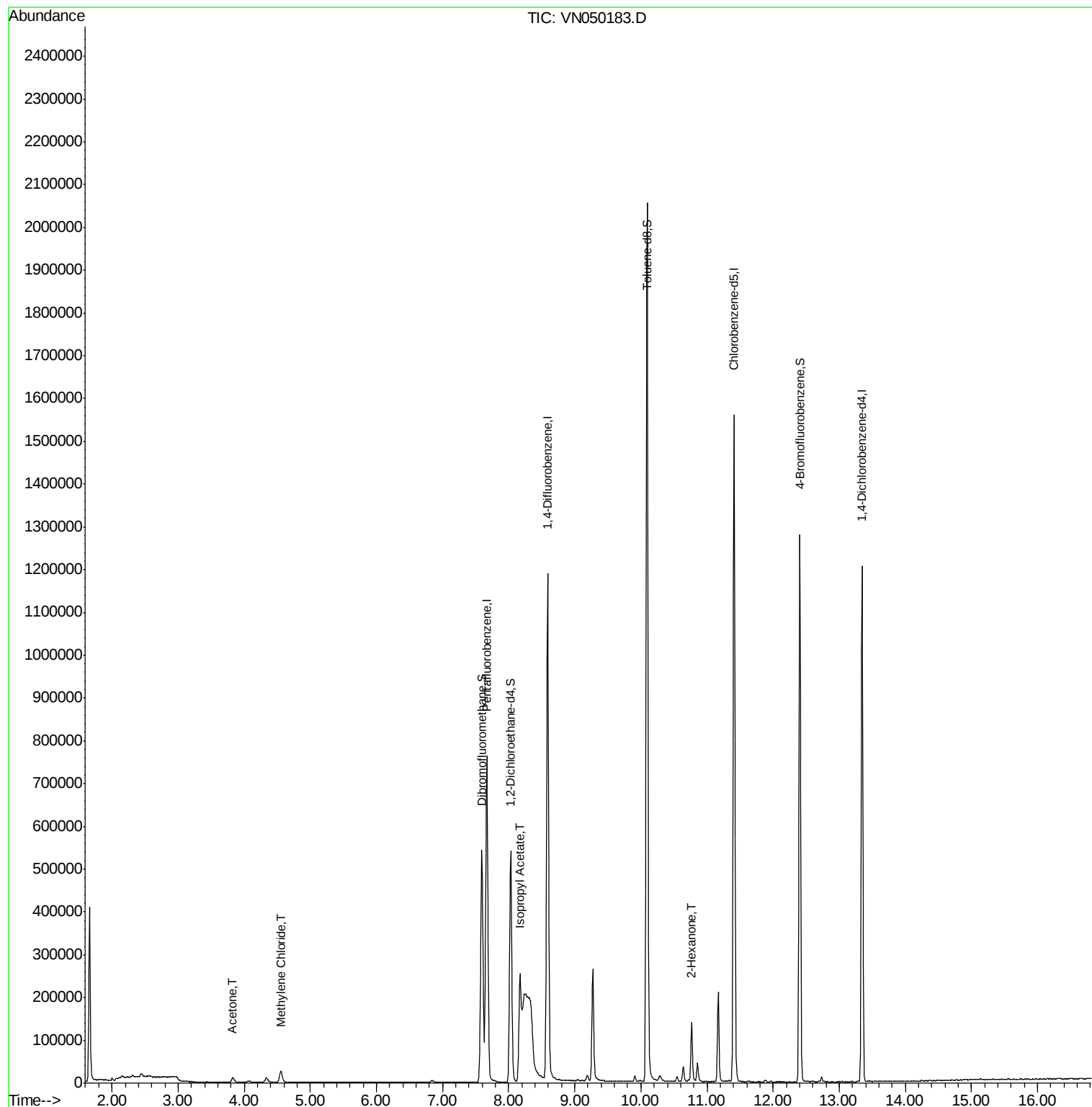
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	19871	4.99	ug/l	95
20) Methylene Chloride	4.56	84	20373	1.30	ug/l	92
43) Isopropyl Acetate	8.17	43	348612	21.01	ug/l #	90
59) 2-Hexanone	10.77	43	20674	8.46	ug/l #	59

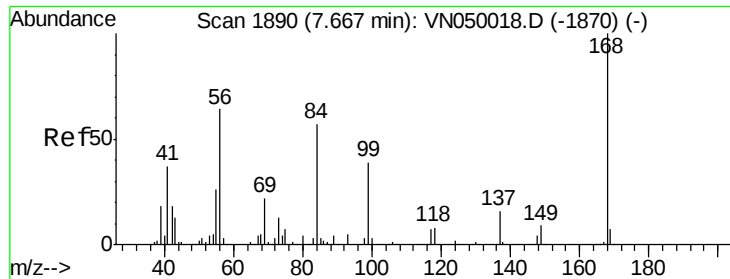
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN073018\
Data File : VN050183.D
Acq On : 30 Jul 2018 13:30
Operator : MD\SY
Sample : PB111570ZHE#03
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB111570ZHE#03

Quant Time: Jul 31 01:35:54 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
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: VN050183.D

Acq: 30 Jul 2018 13:30

Instrument :

MSVOA_N

ClientSampleId :

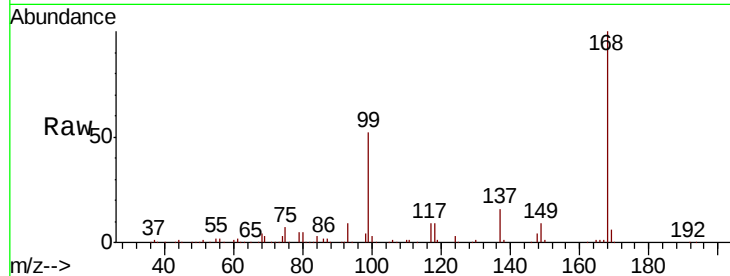
PB111570ZHE#03

Tot Ion:168 Resp: 653903

Ion Ratio Lower Upper

168 100

99 51.7 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050183.D (-1798) (-)

Ion 98.90 (98.60 to 99.60): VN050183.D (-1798) (-)

7.67

300000

250000

200000

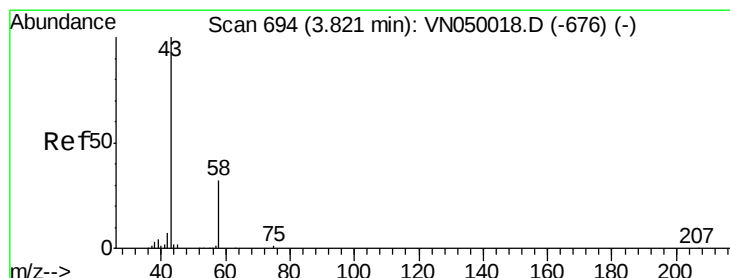
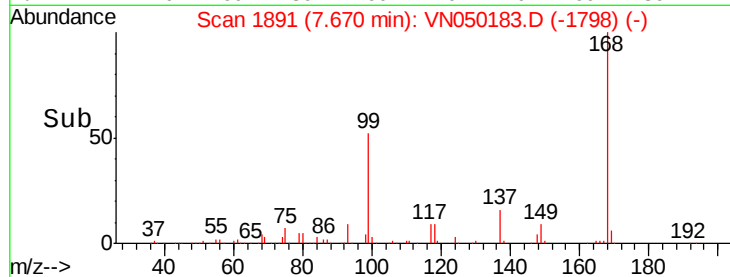
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 4.99 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050183.D

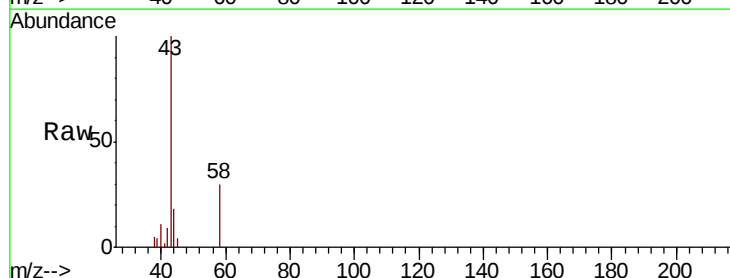
Acq: 30 Jul 2018 13:30

Tgt Ion: 43 Resp: 19871

Ion Ratio Lower Upper

43 100

58 29.6 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050183.D (-602) (-)

Ion 58.00 (57.70 to 58.70): VN050183.D (-602) (-)

3.83

8000

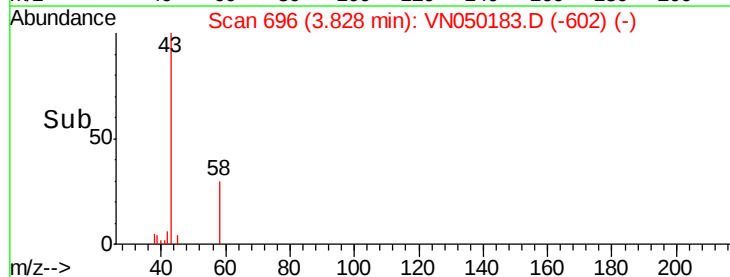
6000

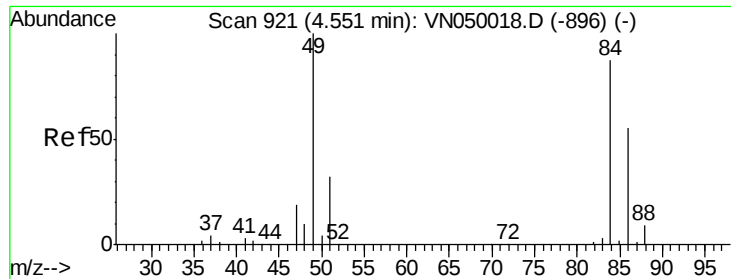
4000

2000

0

Time-->

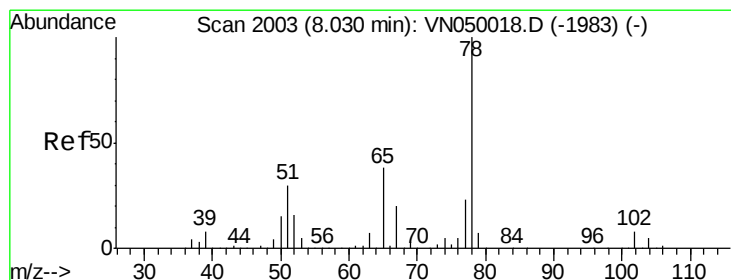
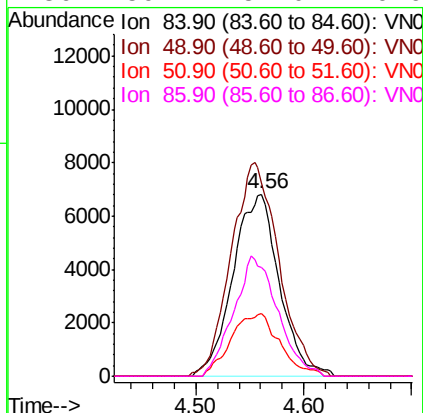
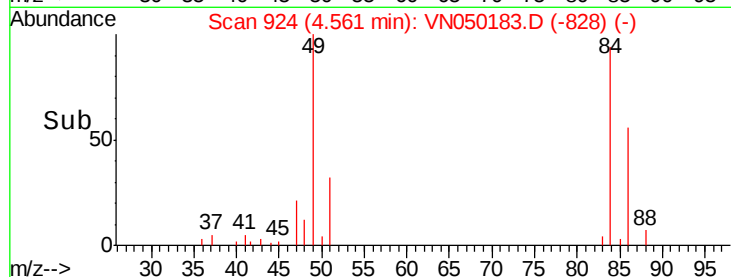
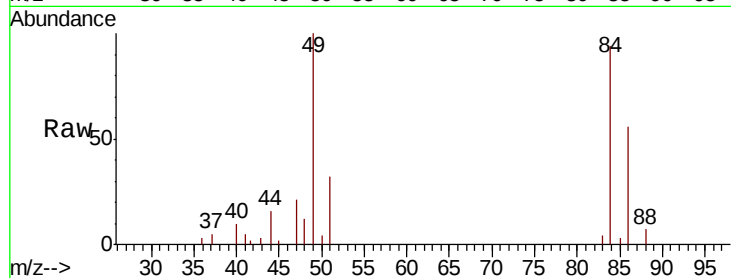




#20
Methvlene Chloride
Concen: 1.30 ug/l
RT: 4.56 min Scan# 924
Delta R.T. 0.01 min
Lab File: VN050183.D
Acq: 30 Jul 2018 13:30

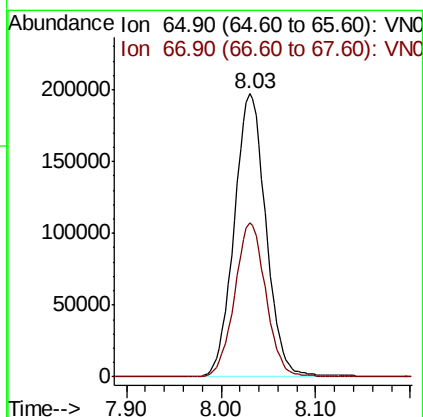
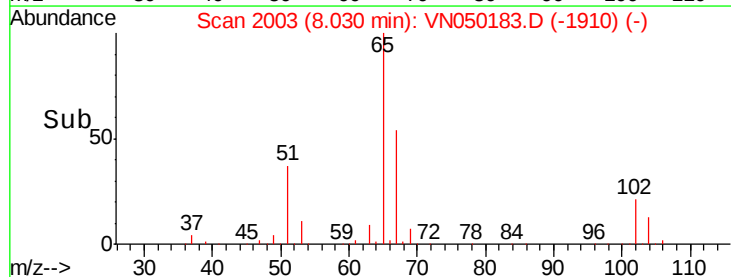
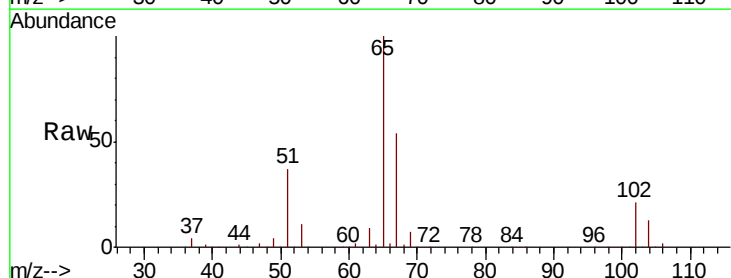
Instrument :
MSVOA_N
ClientSampleId :
PB111570ZHE#03

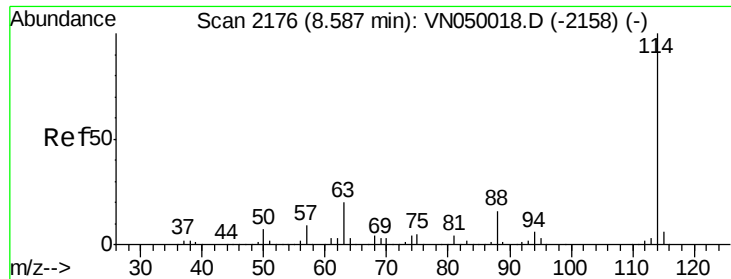
Tot Ion: 84 Resp: 20373
Ion Ratio Lower Upper
84 100
49 106.6 94.8 142.2
51 34.4 28.3 42.5
86 59.7 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 50.34 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050183.D
Acq: 30 Jul 2018 13:30

Tgt Ion: 65 Resp: 459255
Ion Ratio Lower Upper
65 100
67 53.6 0.0 108.4

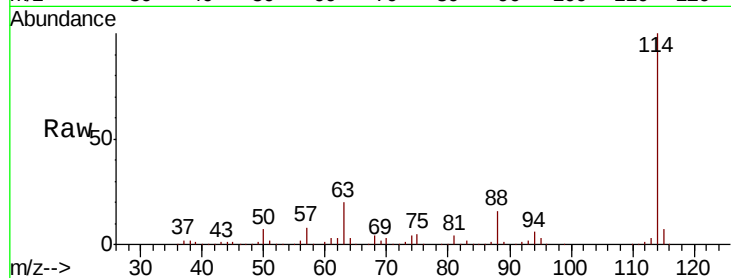




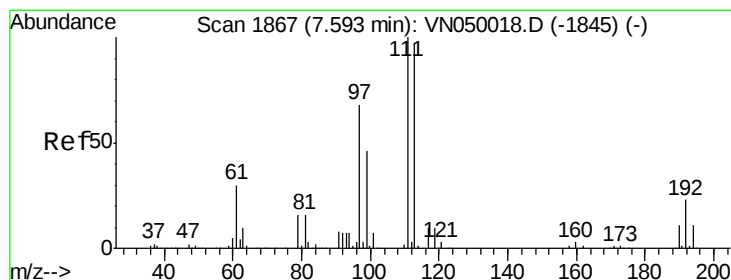
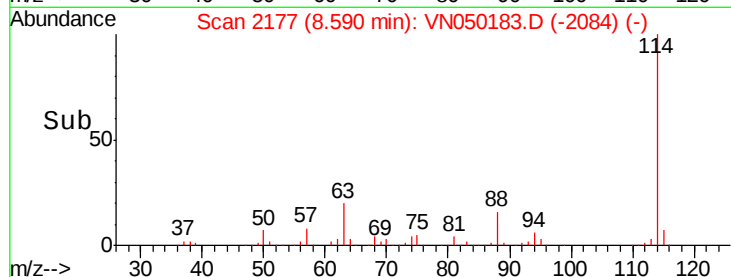
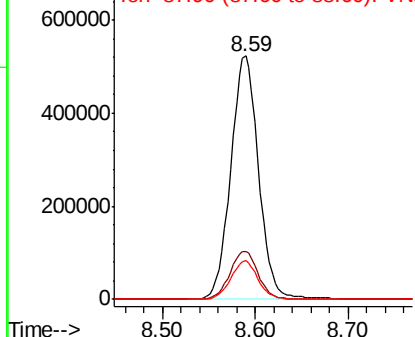
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050183.D
 Acq: 30 Jul 2018 13:30

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111570ZHE#03

Tot Ion:114 Resp: 1086785
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 15.7 0.0 31.2

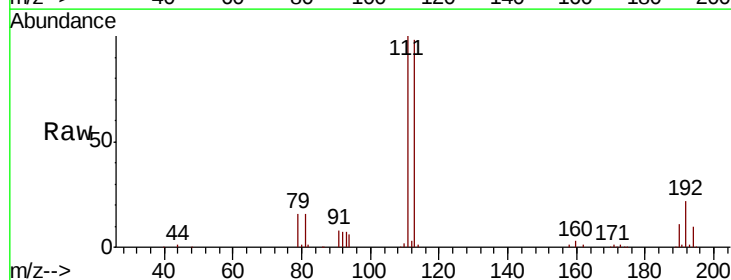


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

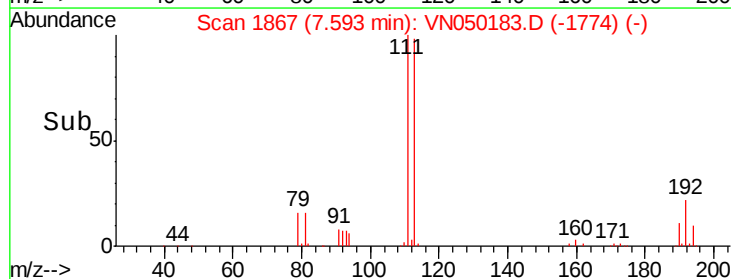
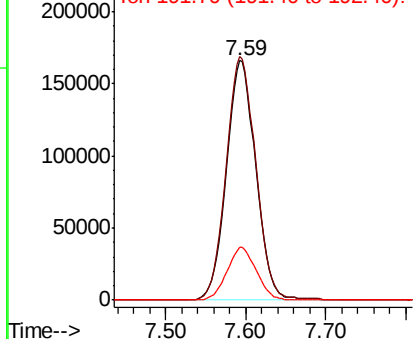


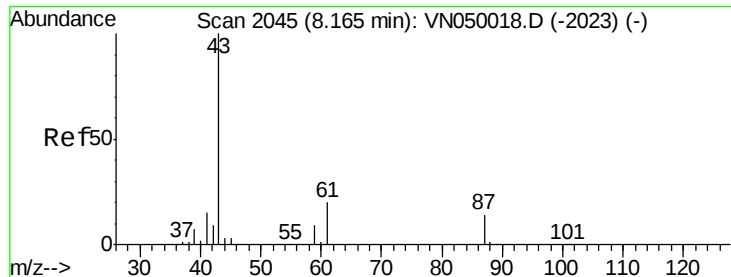
#35
 Dibromofluoromethane
 Concen: 46.78 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050183.D
 Acq: 30 Jul 2018 13:30

Tgt Ion:113 Resp: 415094
 Ion Ratio Lower Upper
 113 100
 111 102.1 80.7 121.1
 192 21.9 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: 21.01 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN050183.D

Acq: 30 Jul 2018 13:30

Instrument :

MSVOA_N

ClientSampleId :

PB111570ZHE#03

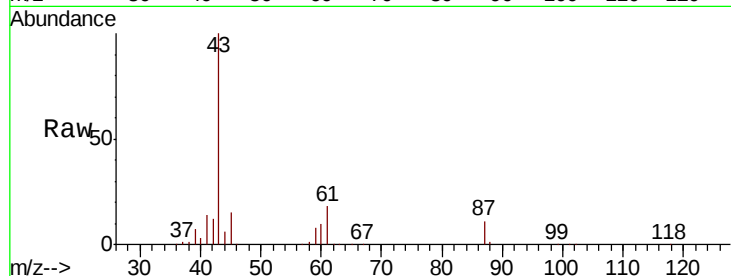
Tot Ion: 43 Resp: 348612

Ion Ratio Lower Upper

43 100

61 14.6 15.8 23.6#

87 9.2 10.3 15.5#

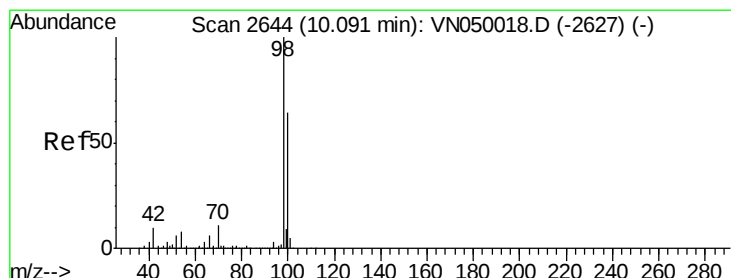
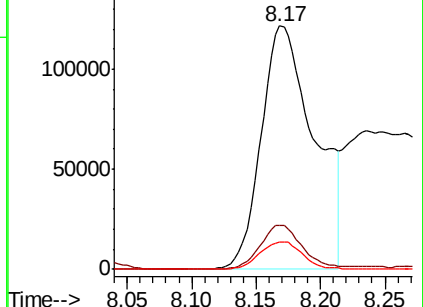
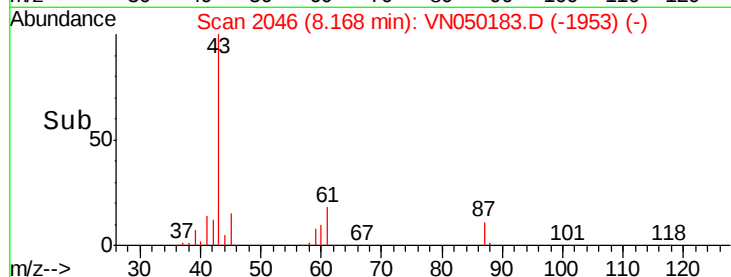


Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Time-->



#50

Toluene-d8

Concen: 45.72 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050183.D

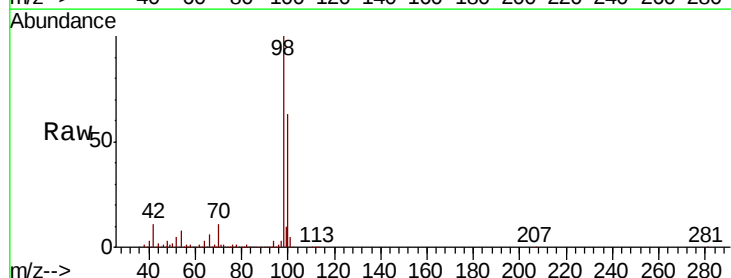
Acq: 30 Jul 2018 13:30

Tgt Ion: 98 Resp: 1491349

Ion Ratio Lower Upper

98 100

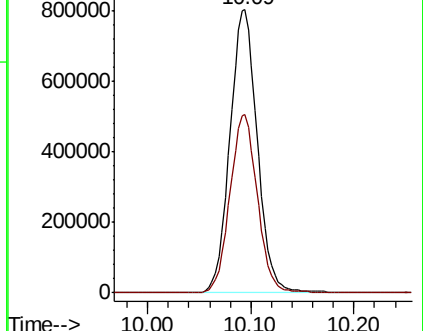
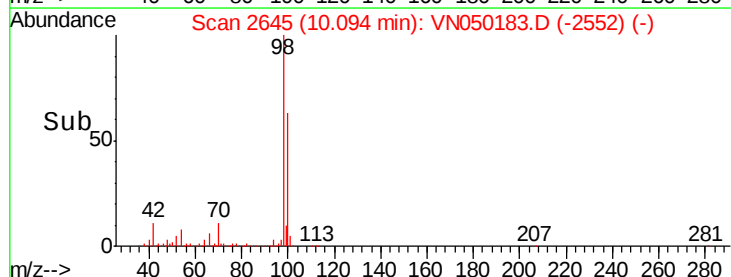
100 63.3 50.7 76.1

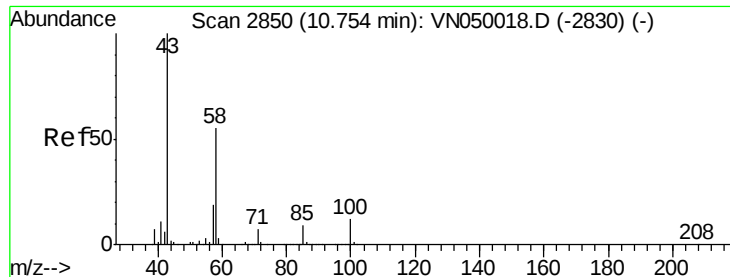


Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

Time-->





#59

2-Hexanone

Concen: 8.46 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050183.D

Acq: 30 Jul 2018 13:30

Instrument :

MSVOA_N

ClientSampleId :

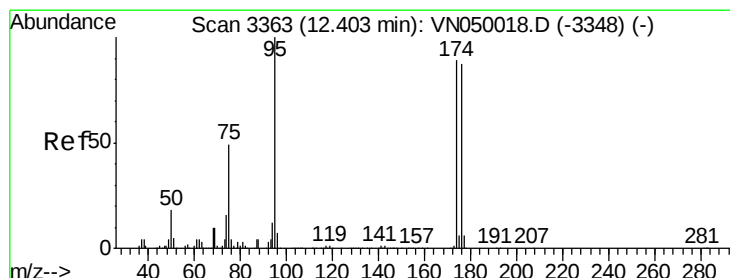
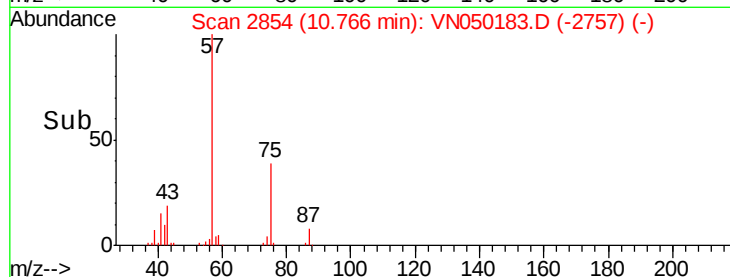
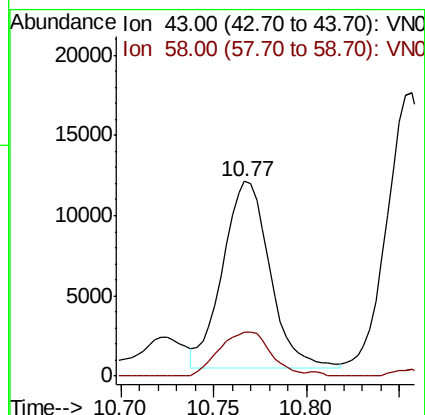
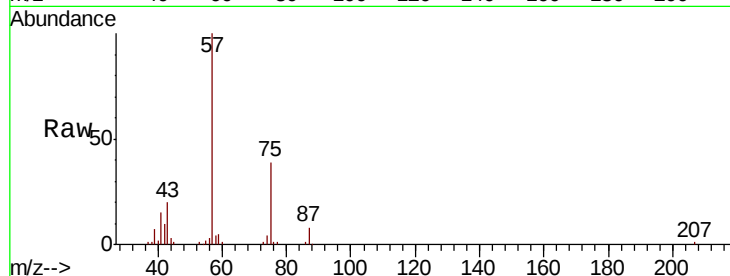
PB111570ZHE#03

Tot Ion: 43 Resp: 20674

Ion Ratio Lower Upper

43 100

58 25.8 27.6 82.7#



#62

4-Bromofluorobenzene

Concen: 39.90 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050183.D

Acq: 30 Jul 2018 13:30

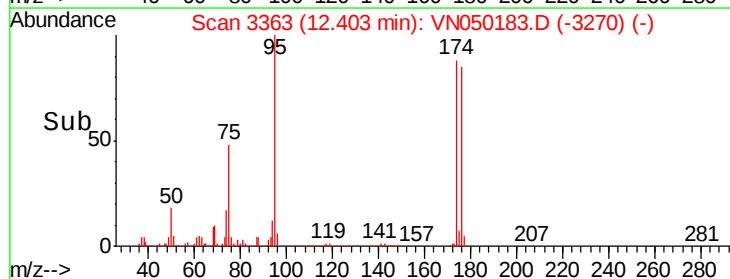
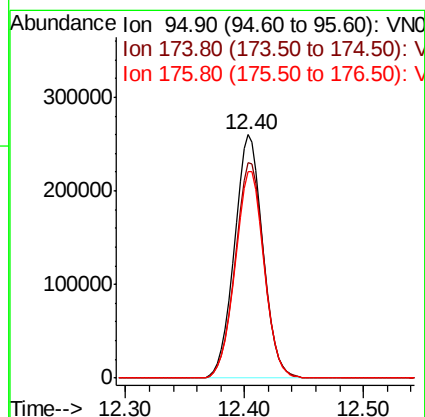
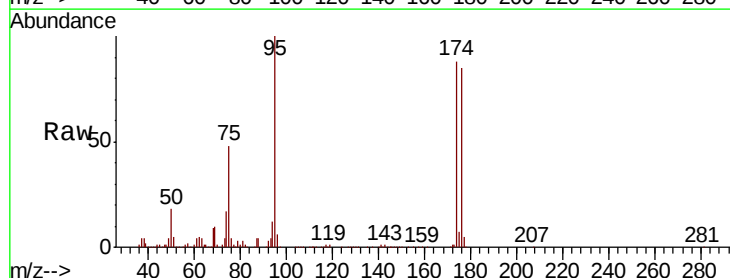
Tgt Ion: 95 Resp: 428638

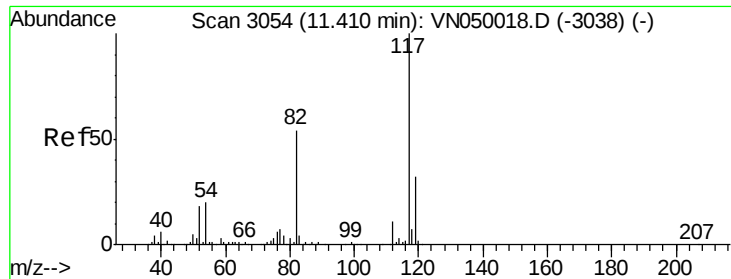
Ion Ratio Lower Upper

95 100

174 90.1 0.0 178.2

176 86.9 0.0 173.4

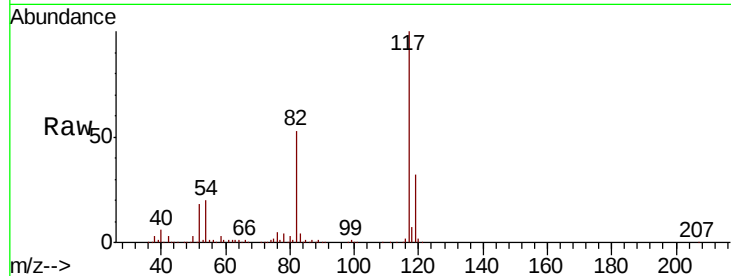




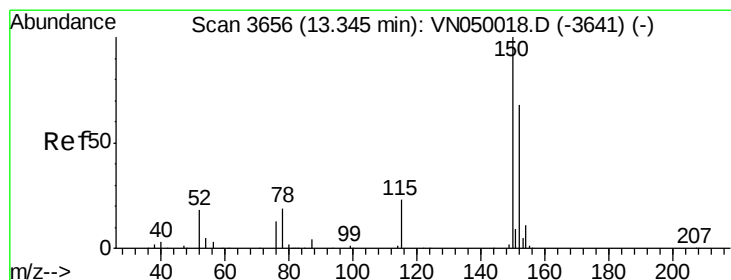
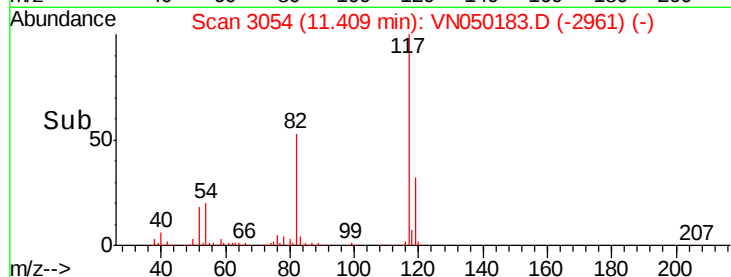
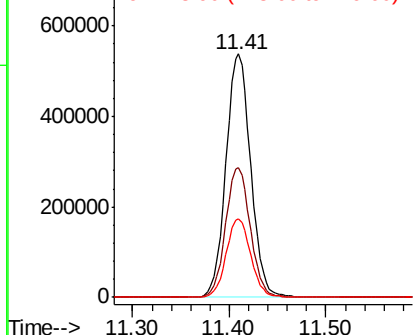
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050183.D
Acq: 30 Jul 2018 13:30

Instrument :
MSVOA_N
ClientSampleId :
PB111570ZHE#03

Tot Ion:117 Resp: 953834
Ion Ratio Lower Upper
117 100
82 53.4 43.7 65.5
119 32.3 26.1 39.1

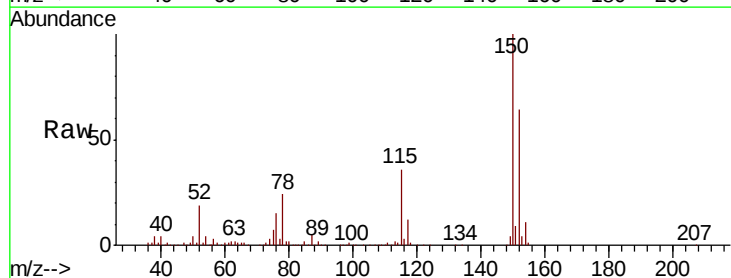


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050183.D
Acq: 30 Jul 2018 13:30

Tgt Ion:152 Resp: 341841
Ion Ratio Lower Upper
152 100
115 55.3 27.8 83.3
150 155.8 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

