

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080318\
 Data File : VN050321.D
 Acq On : 3 Aug 2018 18:42
 Operator : MD\SY
 Sample : PB111719ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111719ZHE#06

Quant Time: Aug 04 00:17:11 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

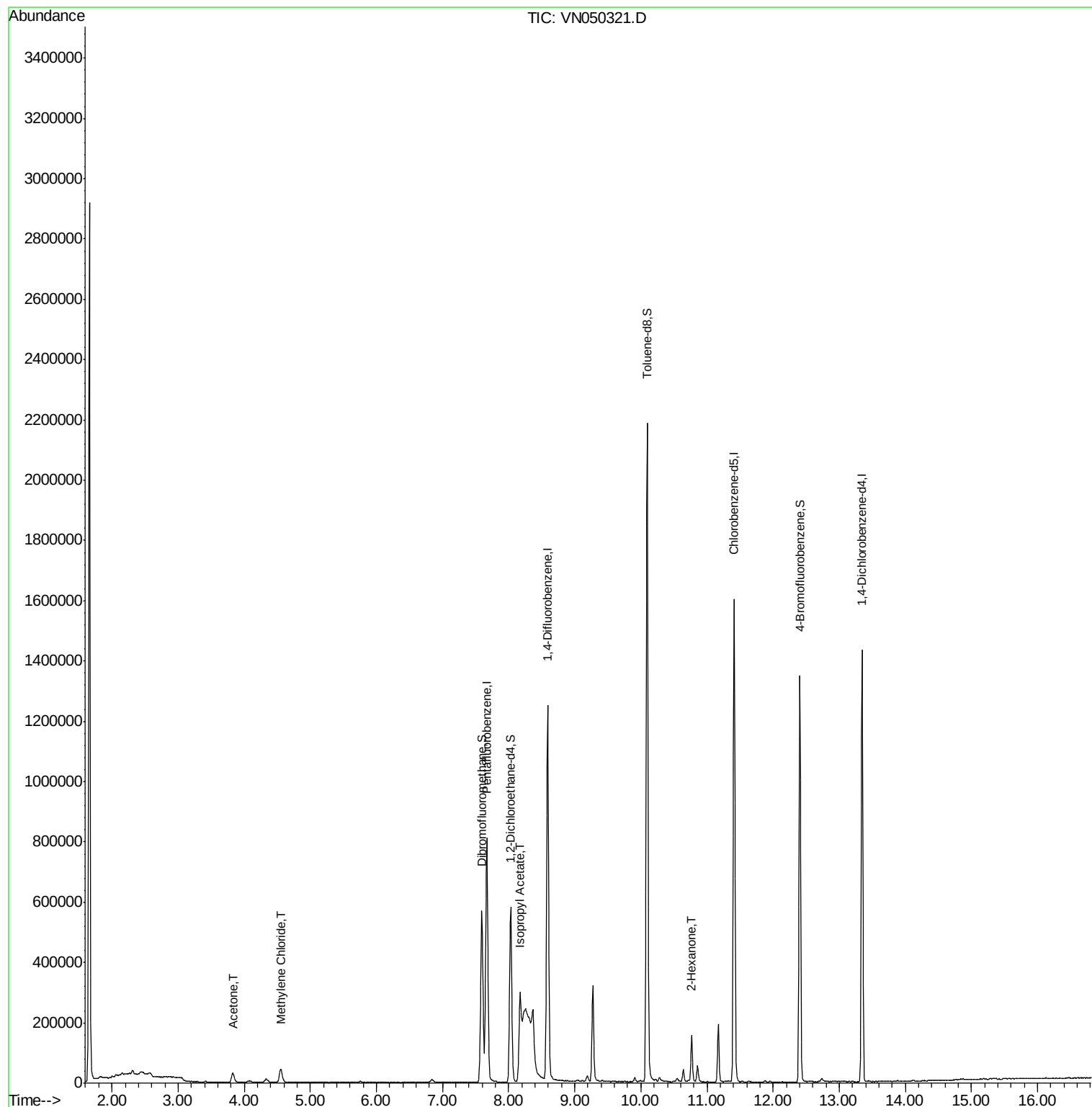
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	686869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1151190	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	977293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	401041	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	496450	51.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.60%	
35) Dibromofluoromethane	7.59	113	428789	45.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.24%	
50) Toluene-d8	10.09	98	1548389	44.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.62%	
62) 4-Bromofluorobenzene	12.40	95	445169	39.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.24%	
Target Compounds						
16) Acetone	3.83	43	54719	20.25	ug/l	97
20) Methylene Chloride	4.55	84	35287	2.97	ug/l	95
43) Isopropyl Acetate	8.17	43	370734	21.10	ug/l #	89
59) 2-Hexanone	10.77	43	21210	8.35	ug/l #	57

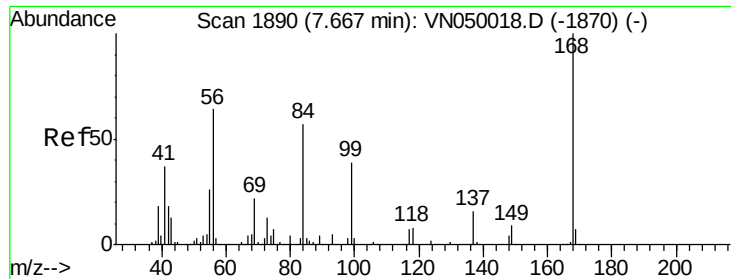
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050321.D

Acq: 3 Aug 2018 18:42

Instrument :

MSVOA_N

ClientSampleId :

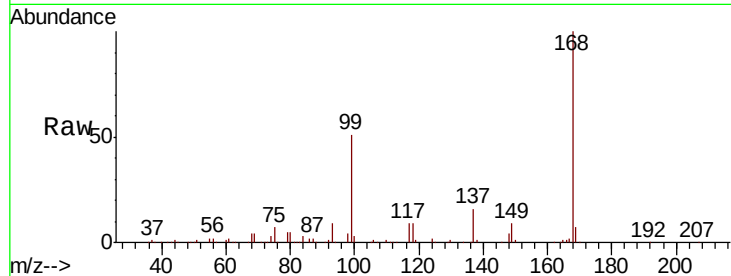
PB111719ZHE#06

Tot Ion:168 Resp: 686869

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): VN

7.67

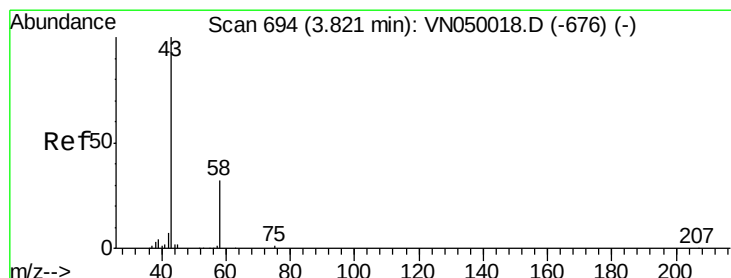
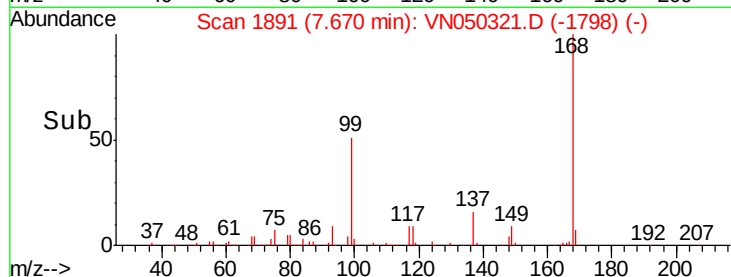
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 20.25 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050321.D

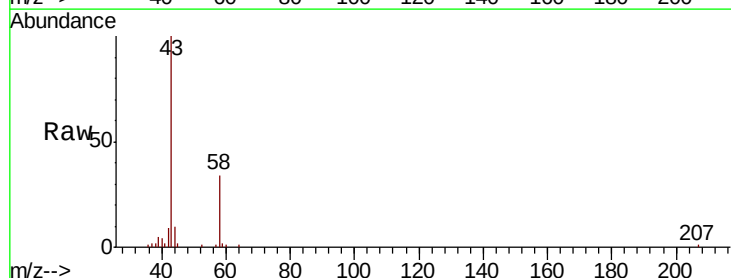
Acq: 3 Aug 2018 18:42

Tgt Ion: 43 Resp: 54719

Ion Ratio Lower Upper

43 100

58 34.1 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.83

20000

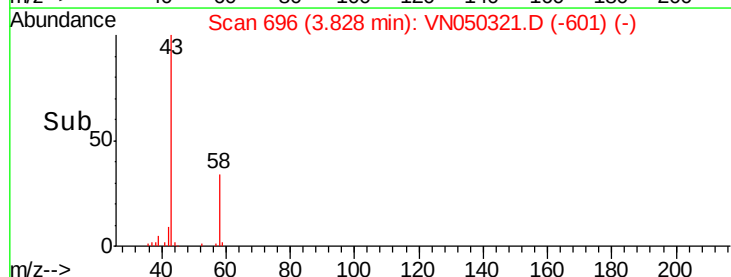
15000

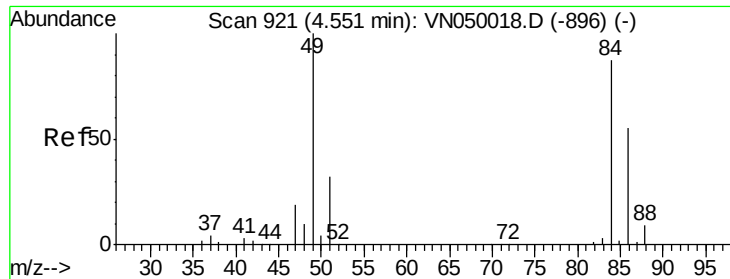
10000

5000

0

Time--> 3.70 3.80 3.90 4.00

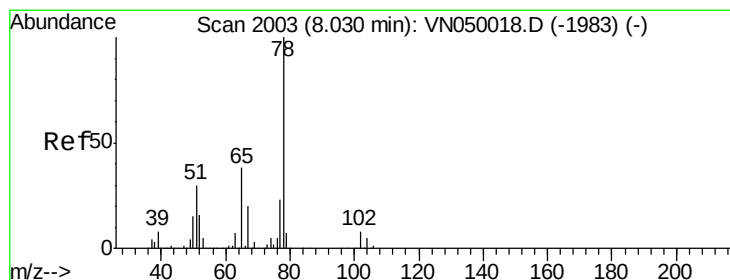
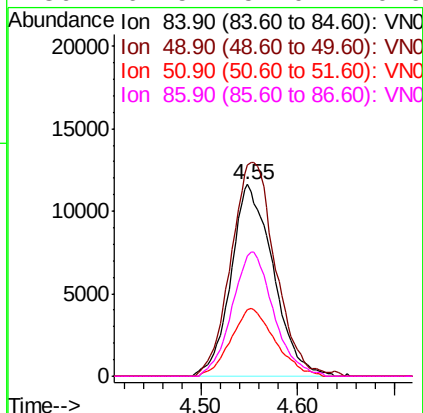
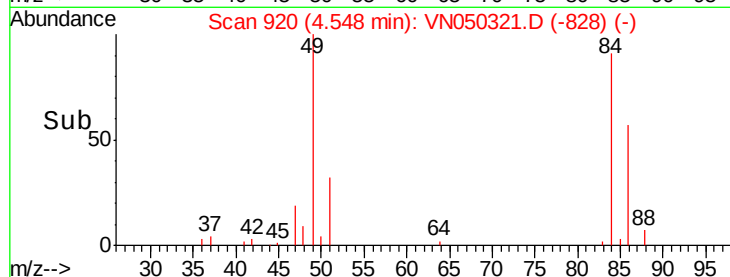
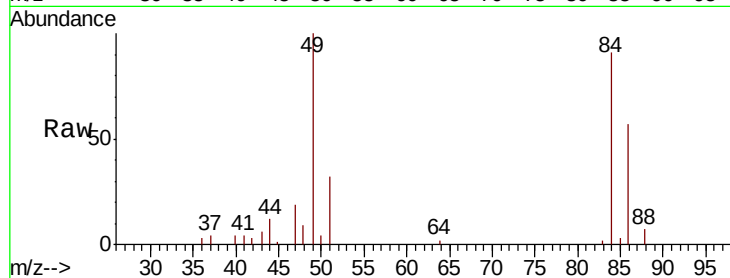




#20
Methylene Chloride
Concen: 2.97 ug/l
RT: 4.55 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN050321.D
Acq: 3 Aug 2018 18:42

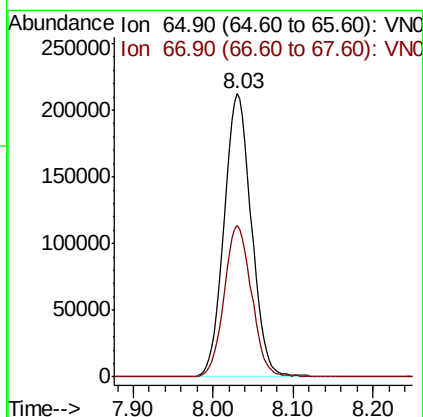
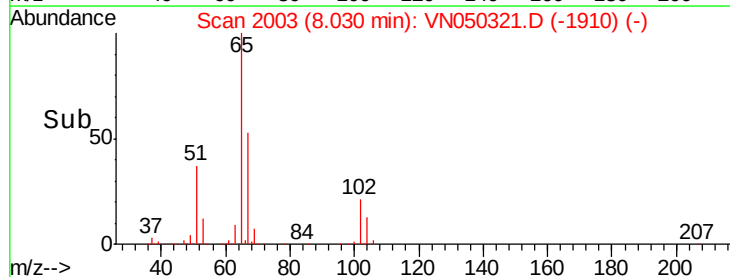
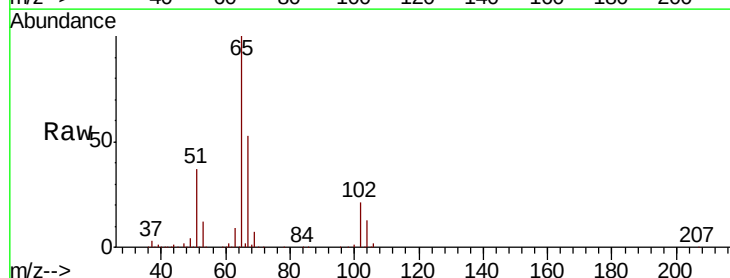
Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#06

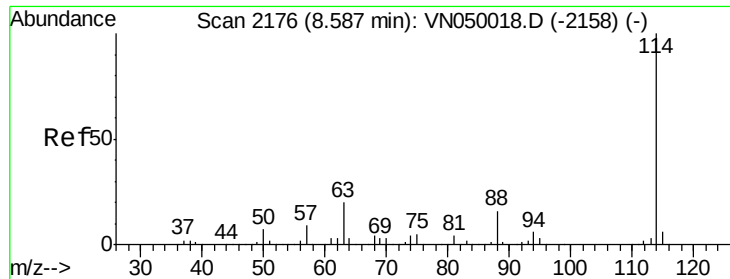
Tot Ion: 84 Resp: 35287
Ion Ratio Lower Upper
84 100
49 110.4 94.8 142.2
51 34.9 28.3 42.5
86 62.5 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 51.80 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050321.D
Acq: 3 Aug 2018 18:42

Tgt Ion: 65 Resp: 496450
Ion Ratio Lower Upper
65 100
67 53.5 0.0 108.4

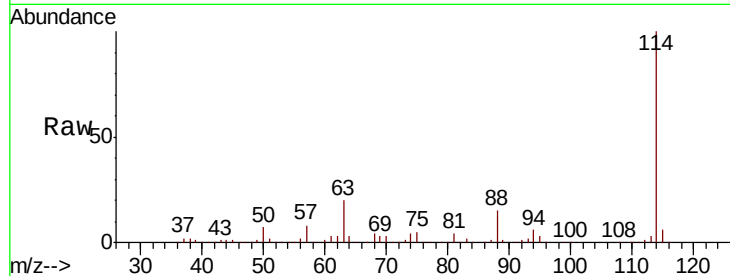




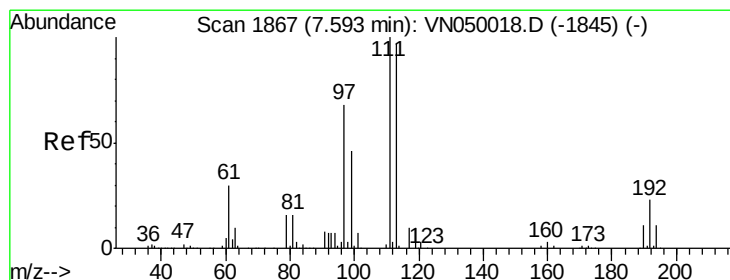
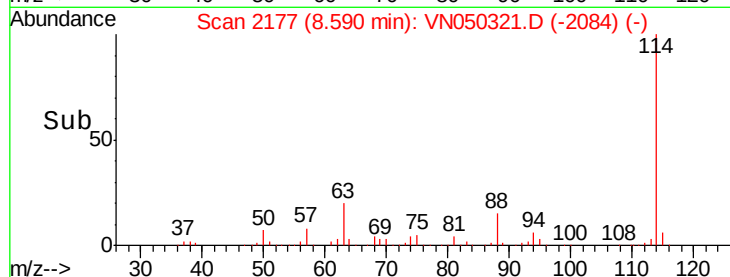
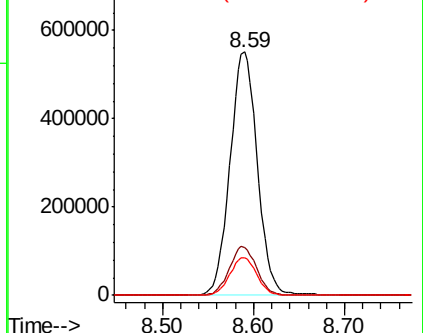
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050321.D
 Acq: 3 Aug 2018 18:42

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111719ZHE#06

Tot Ion:114 Resp: 1151190
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.0
 88 15.2 0.0 31.2

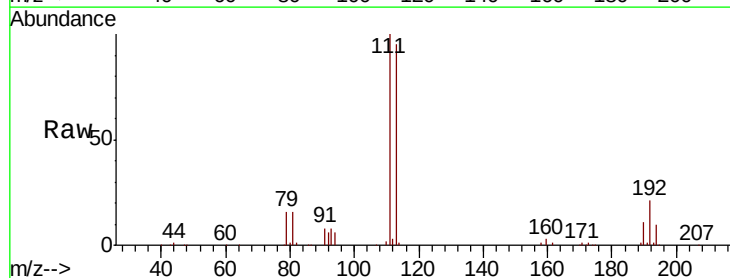


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

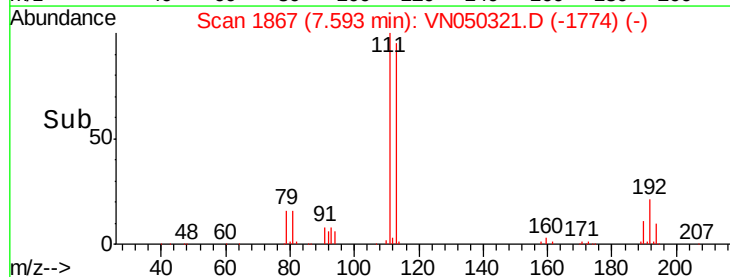
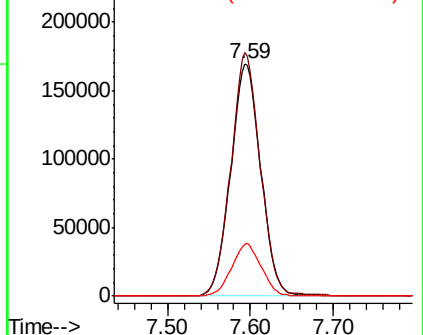


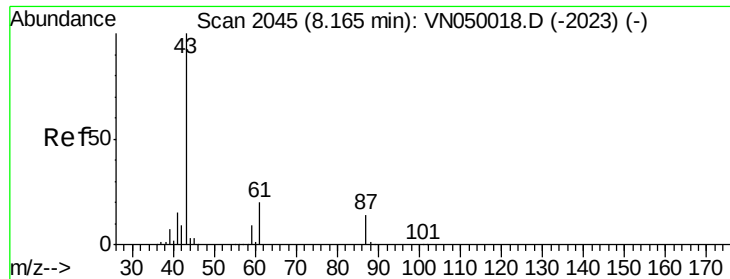
#35
 Dibromofluoromethane
 Concen: 45.62 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050321.D
 Acq: 3 Aug 2018 18:42

Tgt Ion:113 Resp: 428789
 Ion Ratio Lower Upper
 113 100
 111 102.5 80.7 121.1
 192 22.1 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: 21.10 ug/l

RT: 8.17 min Scan# 2047

Delta R.T. 0.00 min

Lab File: VN050321.D

Acq: 3 Aug 2018 18:42

Instrument :

MSVOA_N

ClientSampleId :

PB111719ZHE#06

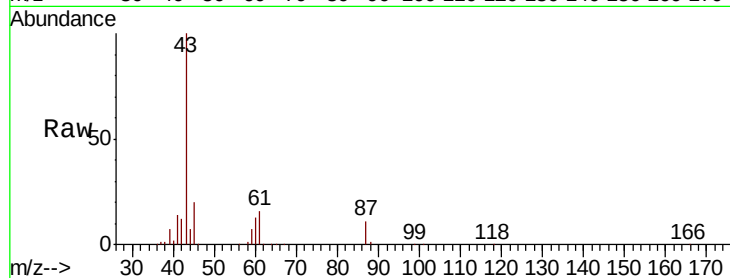
Tot Ion: 43 Resp: 370734

Ion Ratio Lower Upper

43 100

61 14.5 15.8 23.6#

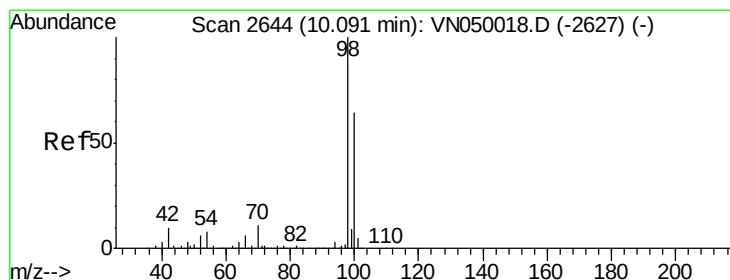
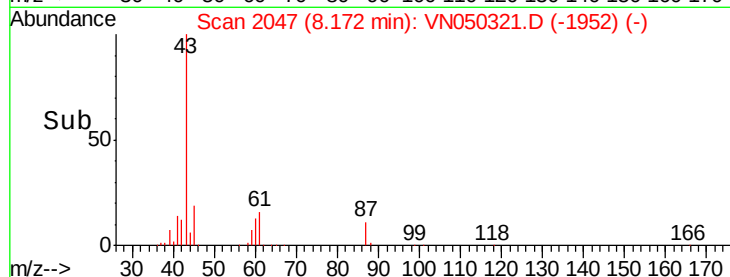
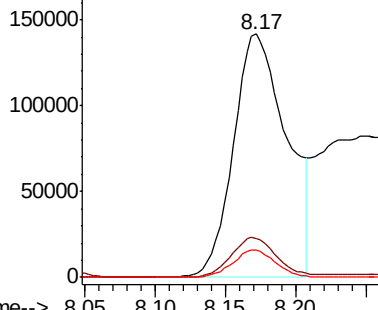
87 9.1 10.3 15.5#



Abundance Ion 43.00 (42.70 to 43.70): VNC

Ion 61.00 (60.70 to 61.70): VNC

Ion 87.00 (86.70 to 87.70): VNC



#50

Toluene-d8

Concen: 44.81 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050321.D

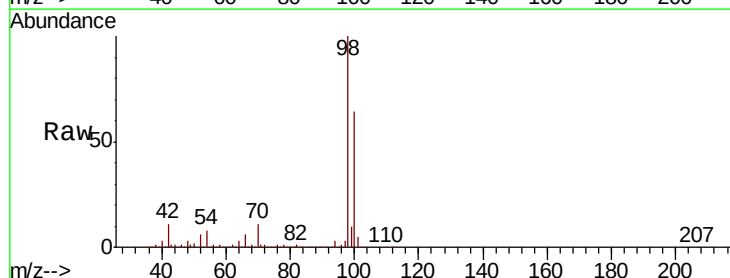
Acq: 3 Aug 2018 18:42

Tgt Ion: 98 Resp: 1548389

Ion Ratio Lower Upper

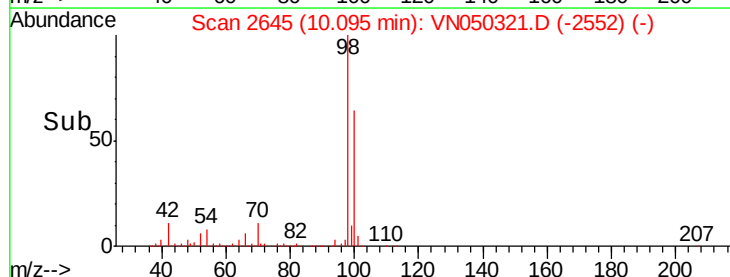
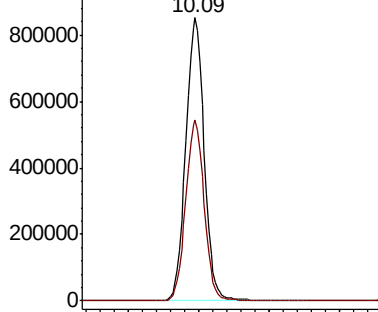
98 100

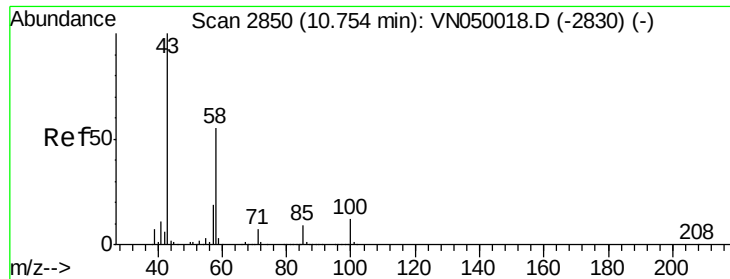
100 64.0 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VNC

Ion 100.00 (99.70 to 100.70): VNC





#59

2-Hexanone

Concen: 8.35 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050321.D

Acq: 3 Aug 2018 18:42

Instrument :

MSVOA_N

ClientSampleId :

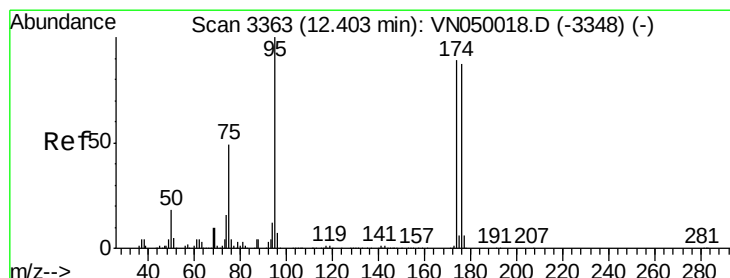
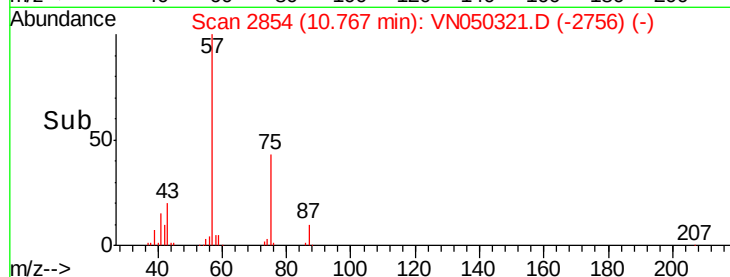
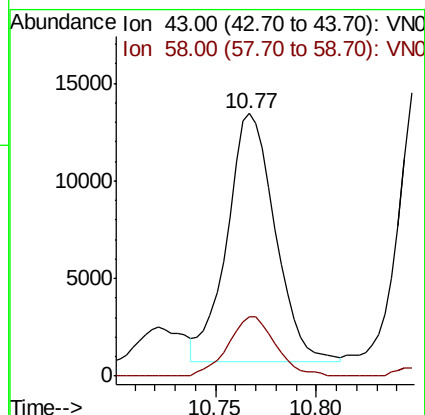
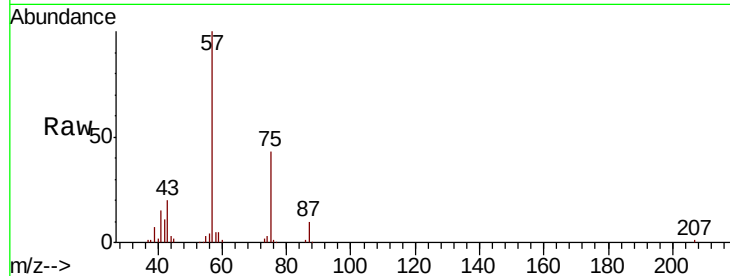
PB111719ZHE#06

Tot Ion: 43 Resp: 21210

Ion Ratio Lower Upper

43 100

58 23.8 27.6 82.7#



#62

4-Bromofluorobenzene

Concen: 39.12 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050321.D

Acq: 3 Aug 2018 18:42

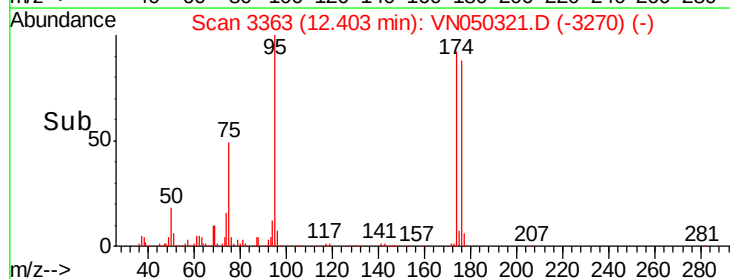
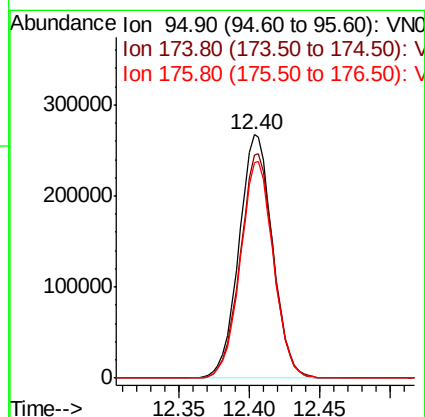
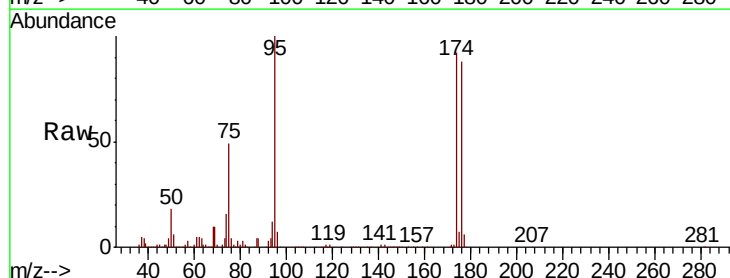
Tgt Ion: 95 Resp: 445169

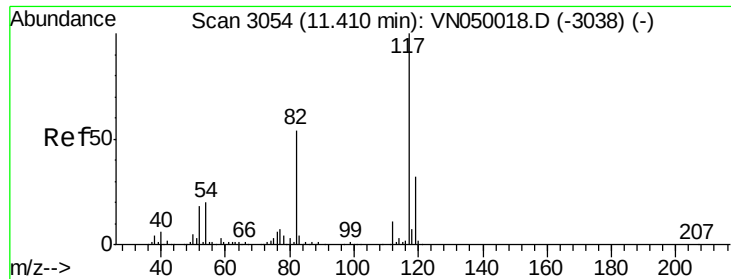
Ion Ratio Lower Upper

95 100

174 91.9 0.0 178.2

176 87.7 0.0 173.4

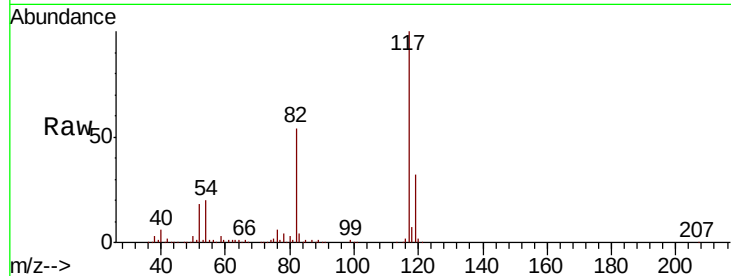




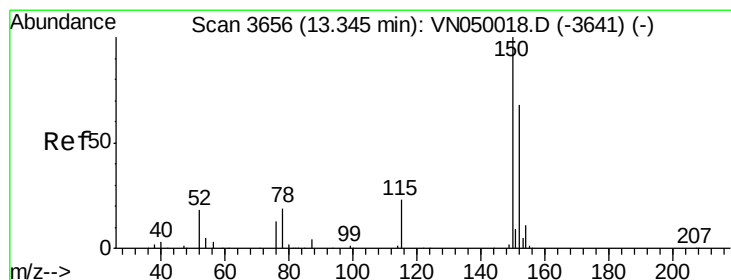
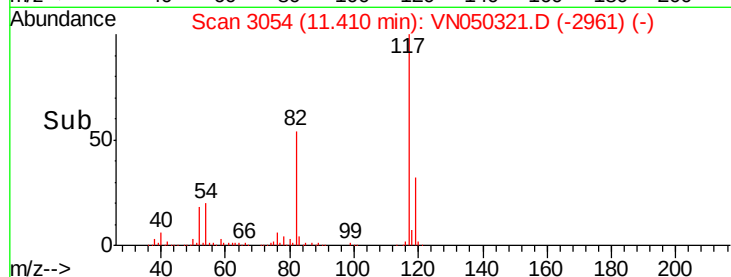
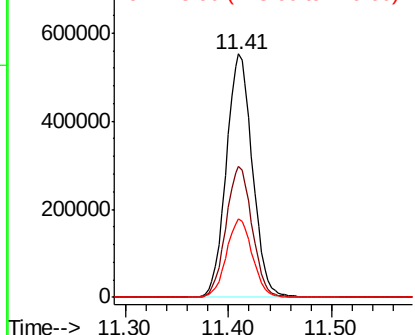
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050321.D
Acq: 3 Aug 2018 18:42

Instrument :
MSVOA_N
ClientSampleId :
PB111719ZHE#06

Tot Ion:117 Resp: 977293
Ion Ratio Lower Upper
117 100
82 54.0 43.7 65.5
119 32.0 26.1 39.1

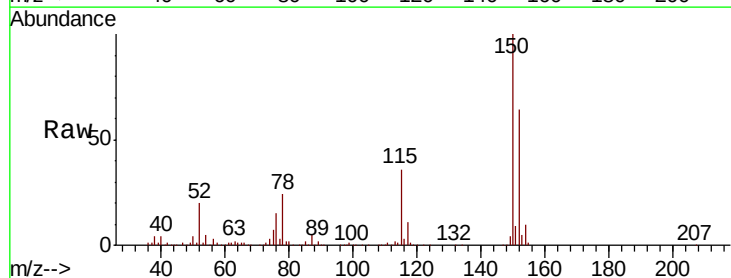


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050321.D
Acq: 3 Aug 2018 18:42

Tgt Ion:152 Resp: 401041
Ion Ratio Lower Upper
152 100
115 55.3 27.8 83.3
150 157.0 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

