

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080618\
 Data File : VN050389.D
 Acq On : 6 Aug 2018 17:30
 Operator : MD\SY
 Sample : PB11760ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB11760ZHE#04

Quant Time: Aug 07 06:16:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 05:22:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	709479	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1162807	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1015384	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	406123	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	487550	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.86%	
35) Dibromofluoromethane	7.59	113	432332	46.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.68%	
50) Toluene-d8	10.09	98	1588298	45.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.56%	
62) 4-Bromofluorobenzene	12.40	95	472008	39.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.96%	

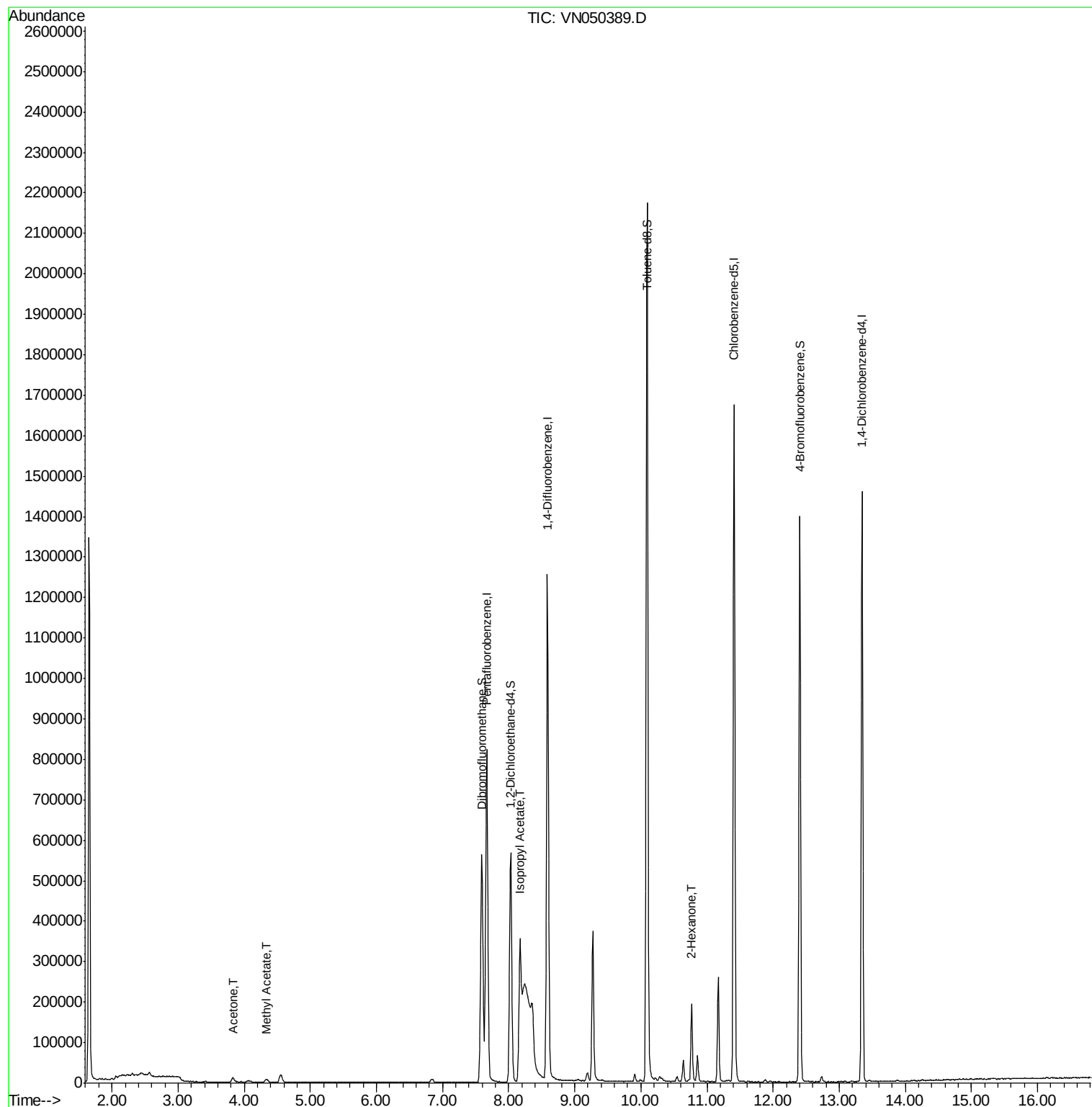
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	21630	7.30	ug/l	100
18) Methyl Acetate	4.33	43	13976	1.72	ug/l	98
43) Isopropyl Acetate	8.17	43	446101	28.09	ug/l #	92
59) 2-Hexanone	10.77	43	26785	3.36	ug/l #	58

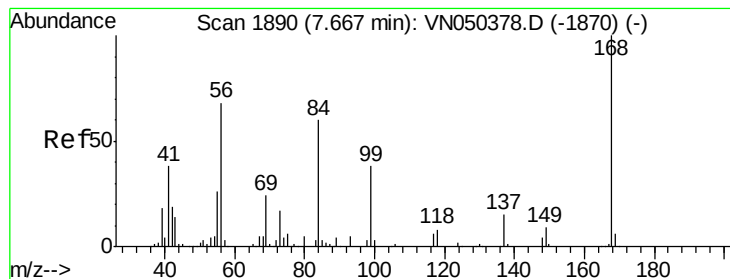
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VN050389.D

Acq: 6 Aug 2018 17:30

Instrument :

MSVOA_N

ClientSampleId :

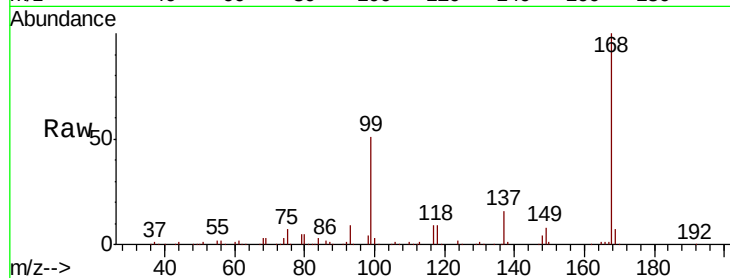
PB11760ZHE#04

Tot Ion:168 Resp: 709479

Ion Ratio Lower Upper

168 100

99 50.9 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050378.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050378.D (-1870) (-)

7.67

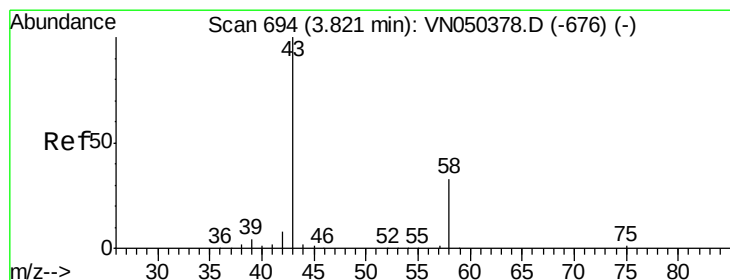
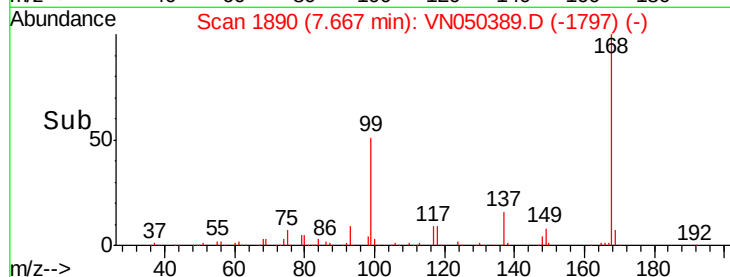
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 7.30 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050389.D

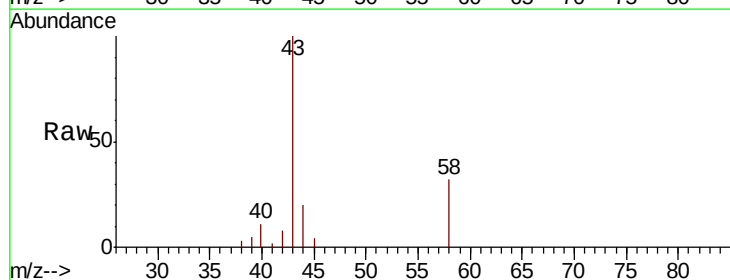
Acq: 6 Aug 2018 17:30

Tgt Ion: 43 Resp: 21630

Ion Ratio Lower Upper

43 100

58 32.3 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050378.D (-676) (-)

Ion 58.00 (57.70 to 58.70): VN050378.D (-676) (-)

3.83

8000

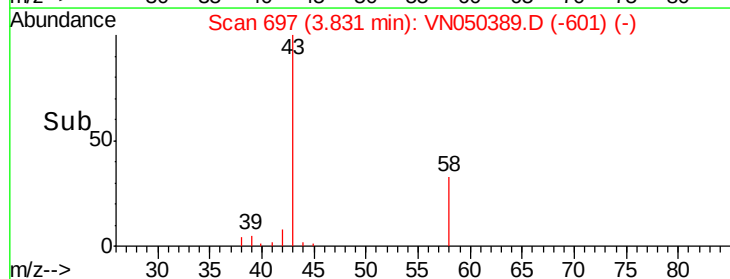
6000

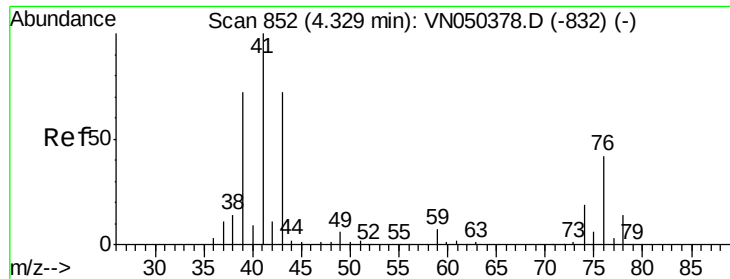
4000

2000

0

Time-->

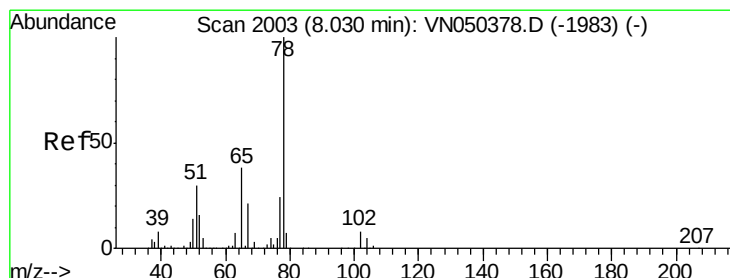
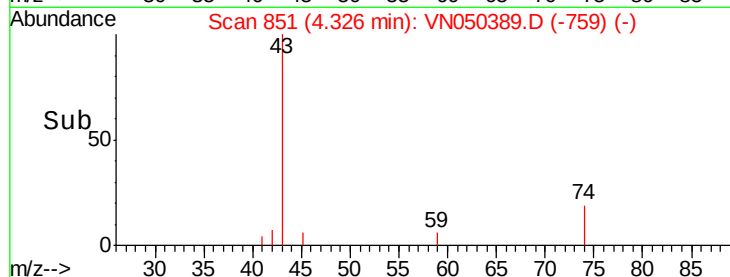
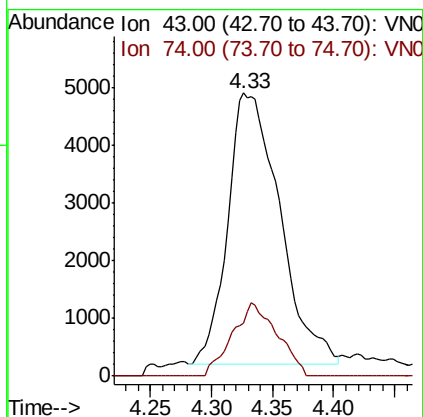
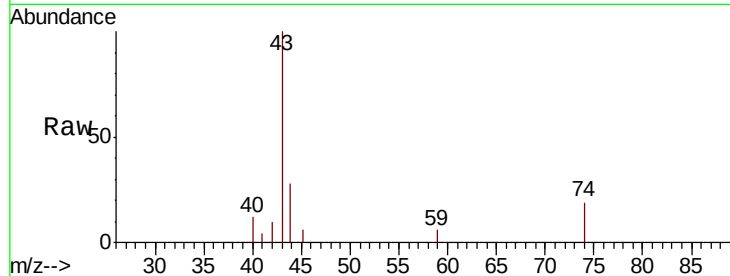




#18
Methyl Acetate
Concen: 1.72 ug/l
RT: 4.33 min Scan# 851
Delta R.T. -0.00 min
Lab File: VN050389.D
Acq: 6 Aug 2018 17:30

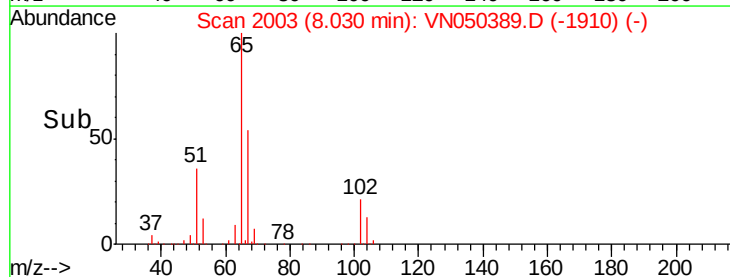
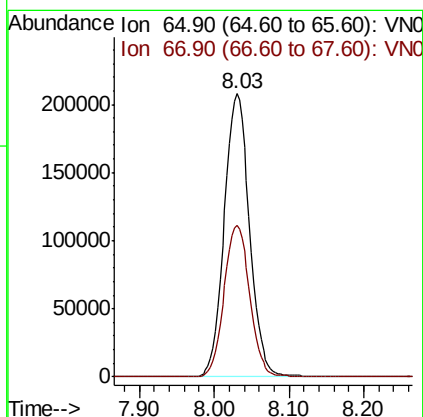
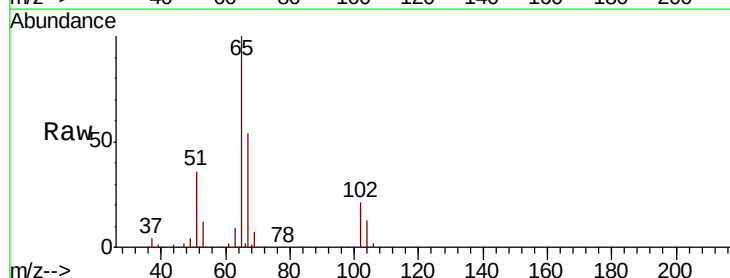
Instrument :
MSVOA_N
ClientSampleId :
PB11760ZHE#04

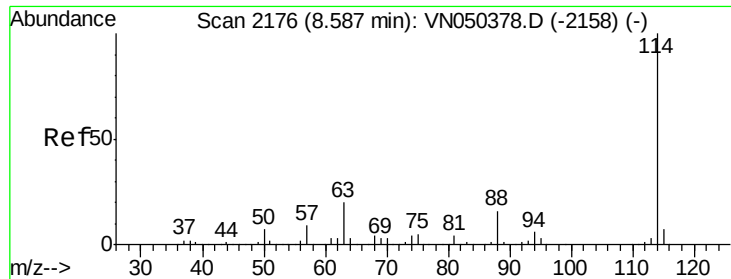
Tot Ion: 43 Resp: 13976
Ion Ratio Lower Upper
43 100
74 23.2 19.2 28.8



#33
1,2-Dichloroethane-d4
Concen: 51.43 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050389.D
Acq: 6 Aug 2018 17:30

Tgt Ion: 65 Resp: 487550
Ion Ratio Lower Upper
65 100
67 54.4 0.0 108.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. 0.00 min

Lab File: VN050389.D

Acq: 6 Aug 2018 17:30

Instrument :

MSVOA_N

ClientSampleId :

PB11760ZHE#04

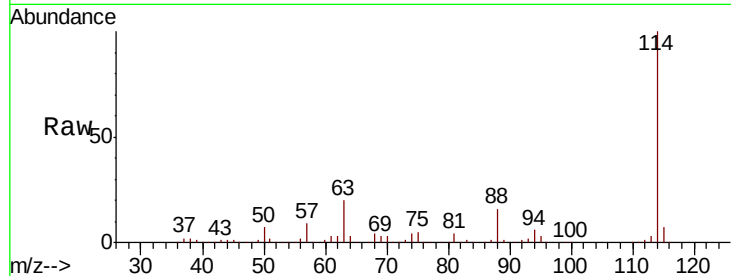
Tot Ion:114 Resp: 1162807

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

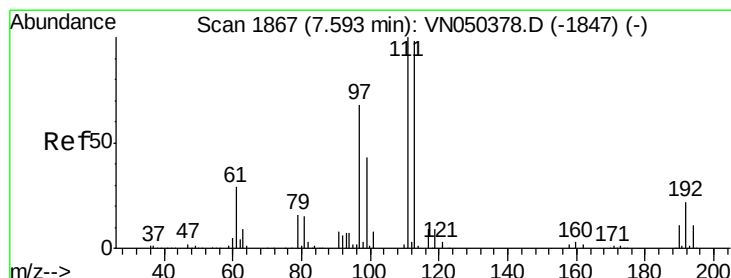
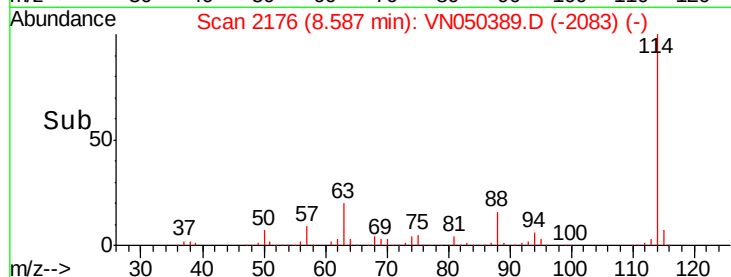
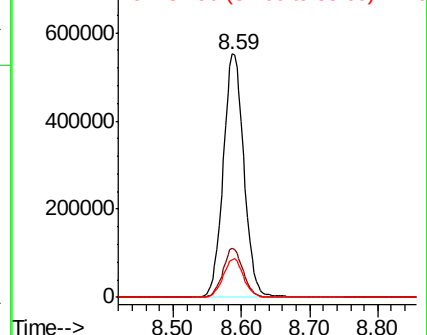
88 15.5 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 46.34 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VN050389.D

Acq: 6 Aug 2018 17:30

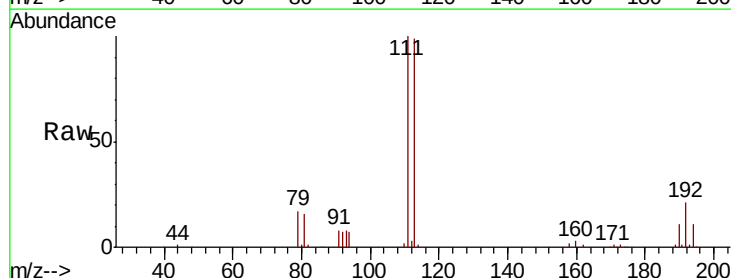
Tgt Ion:113 Resp: 432332

Ion Ratio Lower Upper

113 100

111 102.3 80.7 121.1

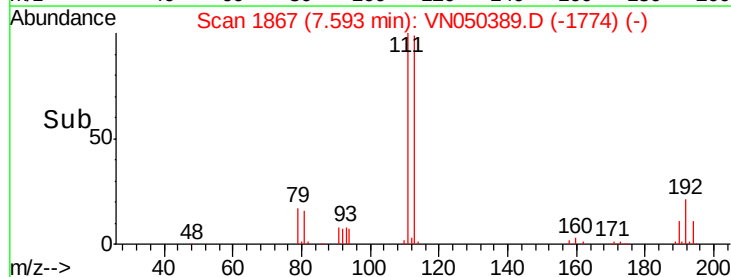
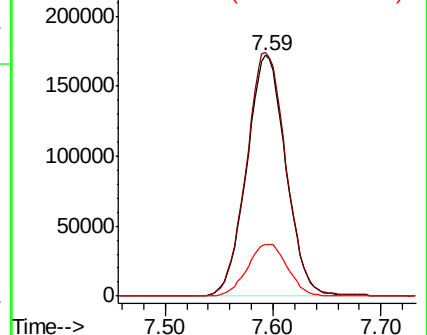
192 22.2 17.8 26.6

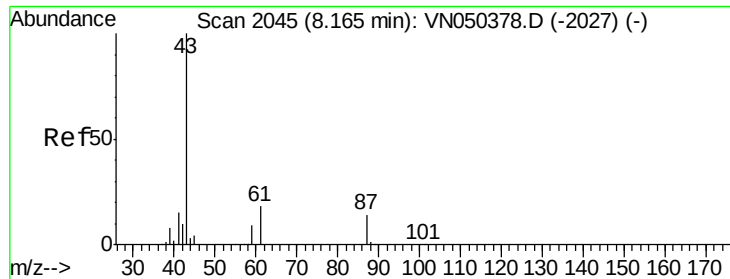


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 28.09 ug/l

RT: 8.17 min Scan# 2047

Delta R.T. 0.01 min

Lab File: VN050389.D

Acq: 6 Aug 2018 17:30

Instrument :

MSVOA_N

ClientSampleId :

PB11760ZHE#04

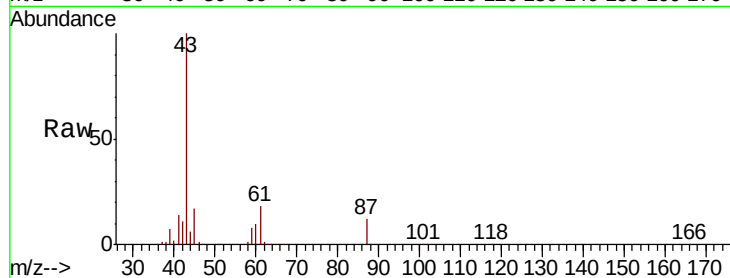
Tot Ion: 43 Resp: 446101

Ion Ratio Lower Upper

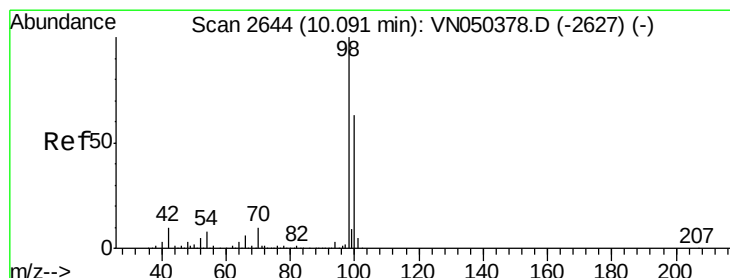
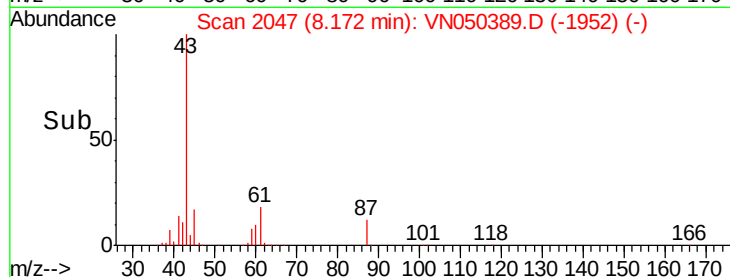
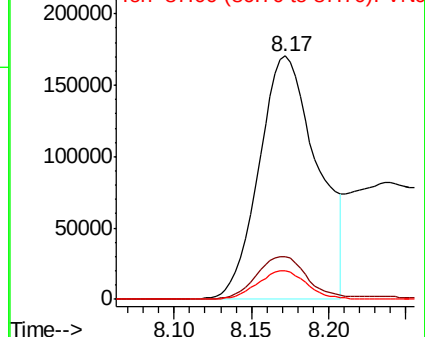
43 100

61 15.6 15.8 23.6#

87 10.0 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: 45.28 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050389.D

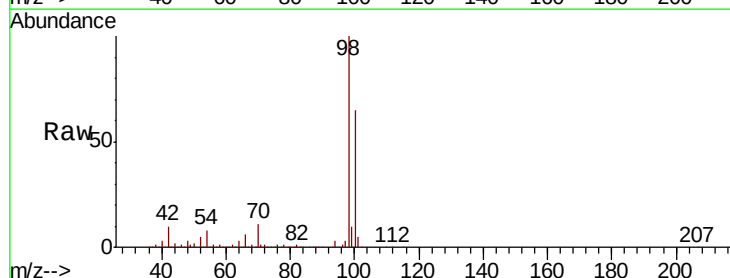
Acq: 6 Aug 2018 17:30

Tgt Ion: 98 Resp: 1588298

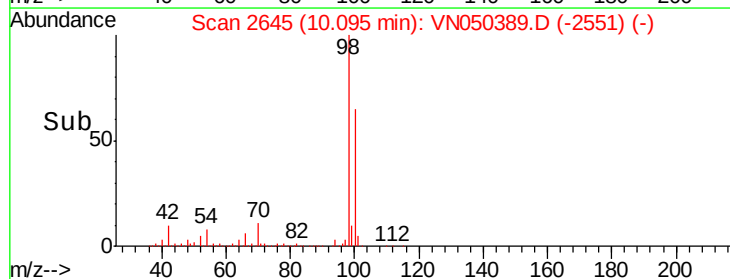
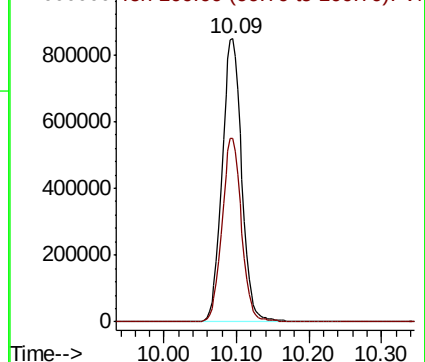
Ion Ratio Lower Upper

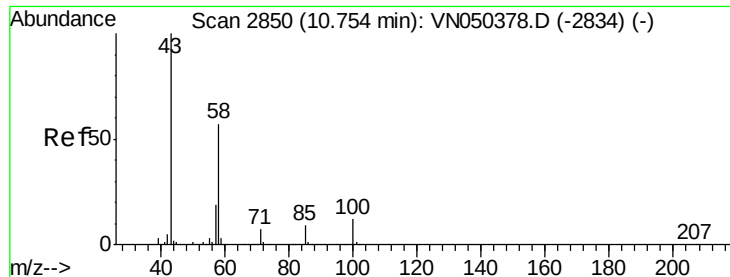
98 100

100 64.1 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: 3.36 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050389.D

Acq: 6 Aug 2018 17:30

Instrument :

MSVOA_N

ClientSampleId :

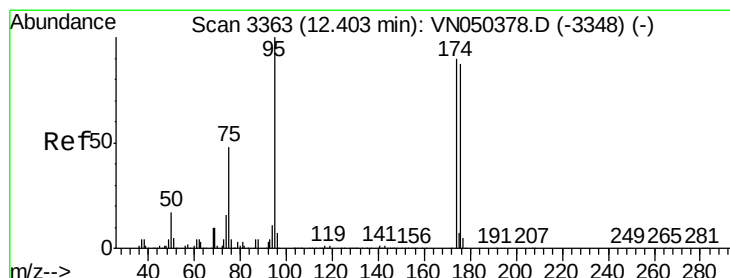
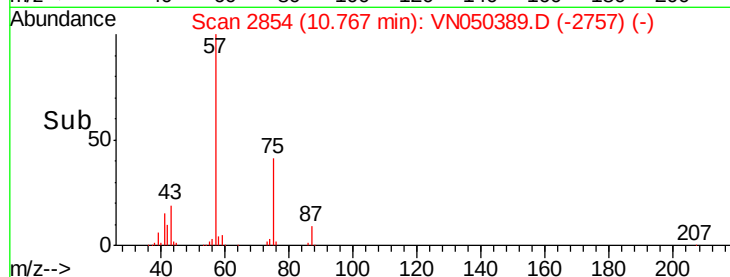
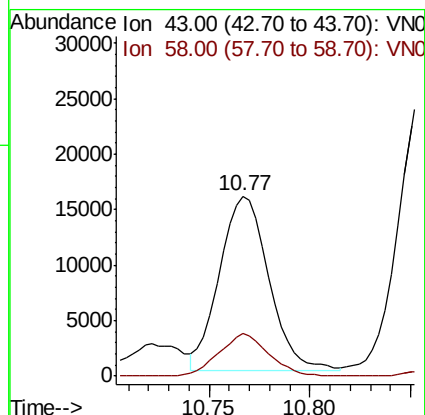
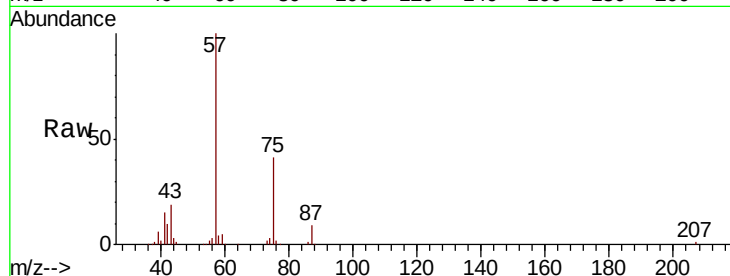
PB11760ZHE#04

Tot Ion: 43 Resp: 26785

Ion Ratio Lower Upper

43 100

58 24.4 27.6 82.7#



#62

4-Bromofluorobenzene

Concen: 39.48 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050389.D

Acq: 6 Aug 2018 17:30

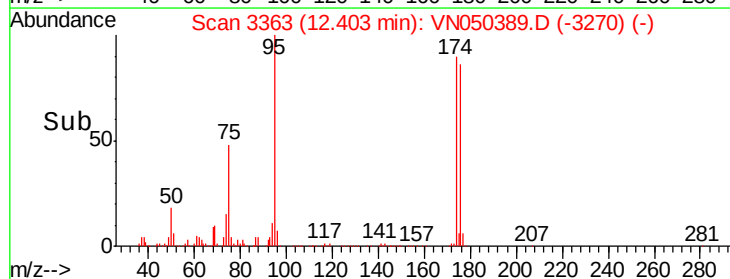
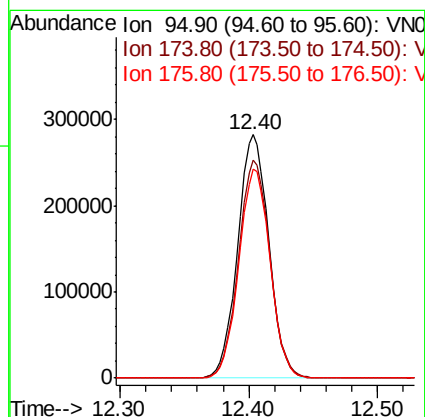
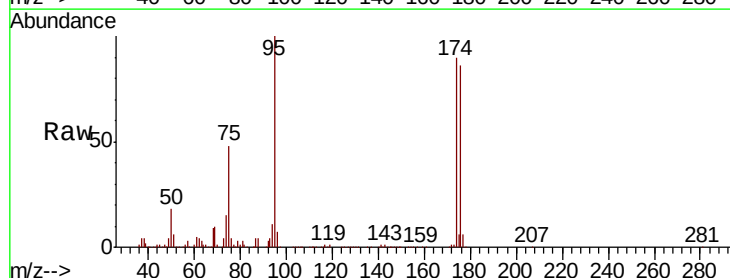
Tgt Ion: 95 Resp: 472008

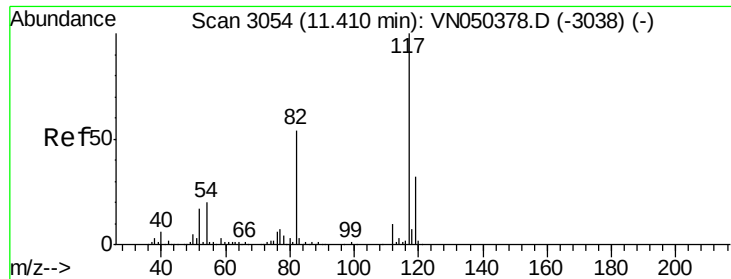
Ion Ratio Lower Upper

95 100

174 90.6 0.0 178.2

176 86.5 0.0 173.4

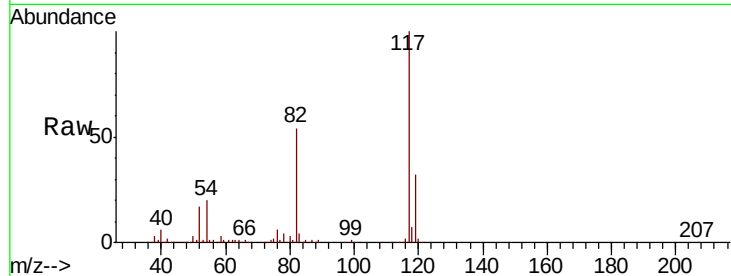




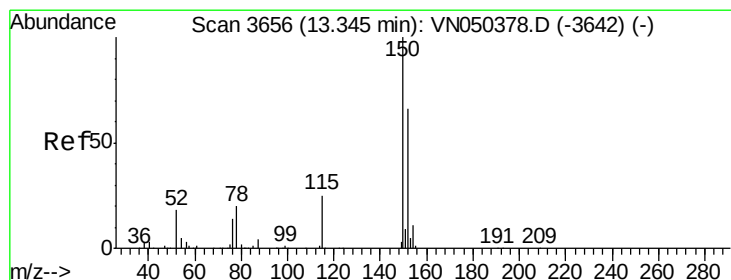
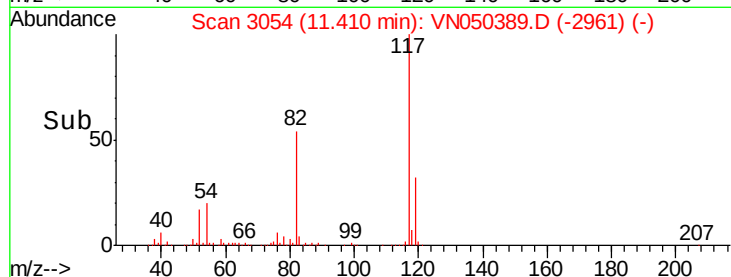
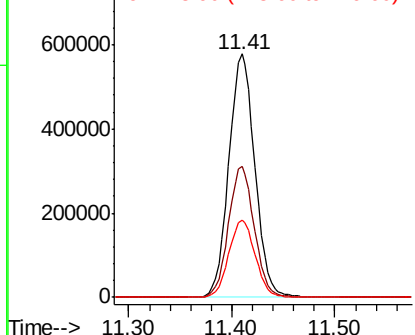
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050389.D
Acq: 6 Aug 2018 17:30

Instrument :
MSVOA_N
ClientSampleId :
PB11760ZHE#04

Tot Ion:117 Resp: 1015384
Ion Ratio Lower Upper
117 100
82 53.9 43.7 65.5
119 31.8 26.1 39.1

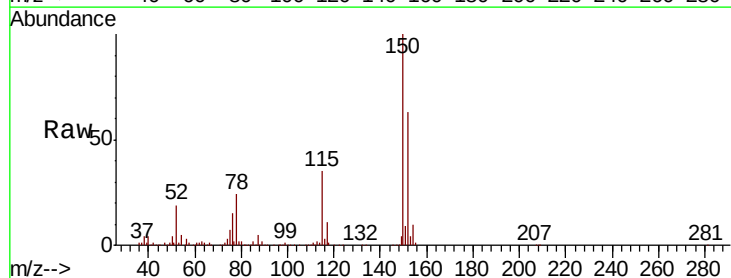


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050389.D
Acq: 6 Aug 2018 17:30

Tgt Ion:152 Resp: 406123
Ion Ratio Lower Upper
152 100
115 57.1 27.8 83.3
150 157.7 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

