

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080618\
 Data File : VN050396.D
 Acq On : 6 Aug 2018 20:25
 Operator : MD\SY
 Sample : PB11760ZHE#11
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB11760ZHE#11

Quant Time: Aug 07 06:57:54 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	657134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1114808	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	948454	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	361039	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	472782	53.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.70%	
35) Dibromofluoromethane	7.59	113	419411	46.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.78%	
50) Toluene-d8	10.09	98	1511713	44.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.90%	
62) 4-Bromofluorobenzene	12.40	95	423735	36.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.94%	

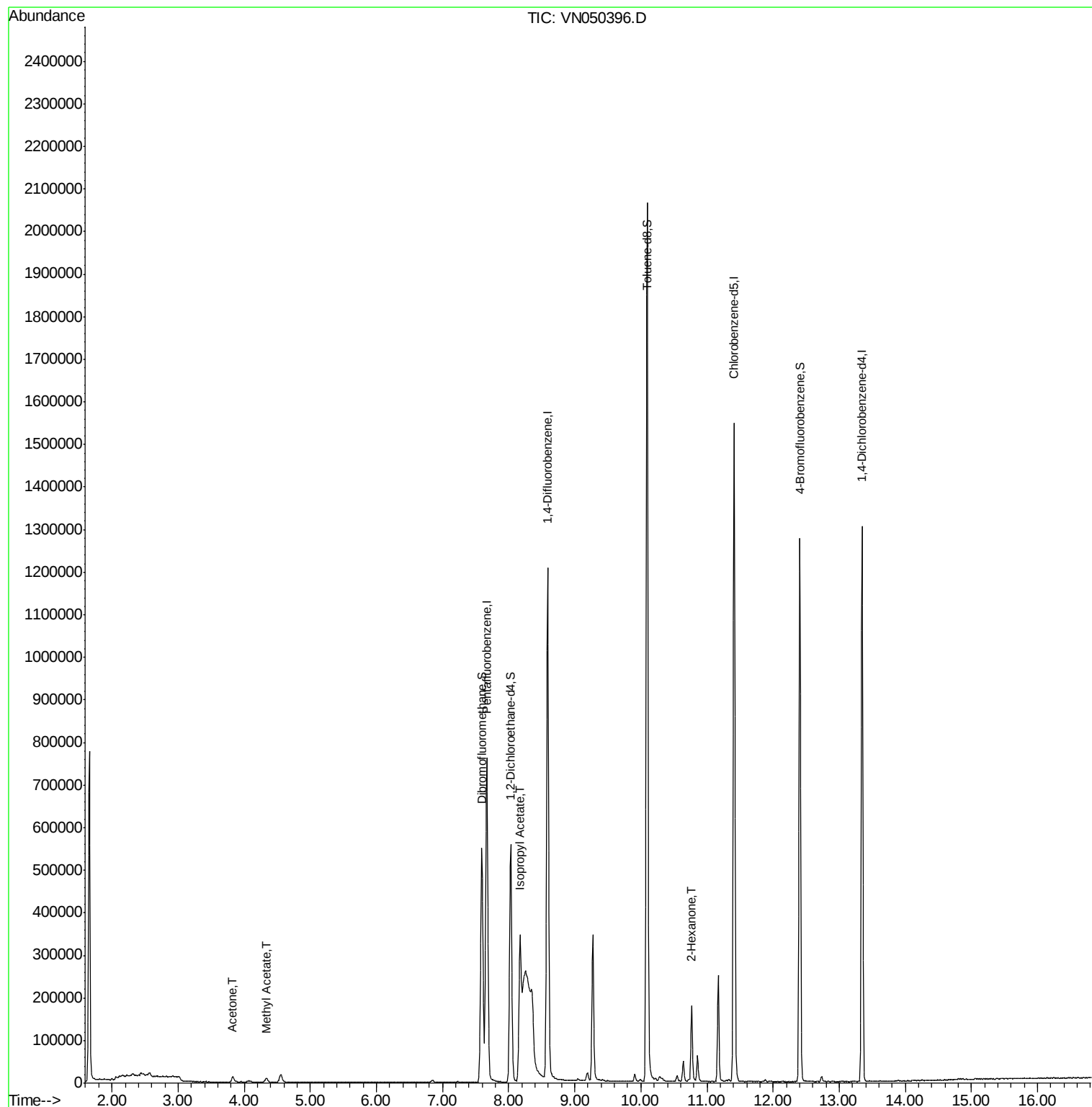
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	22286	8.16	ug/l	96
18) Methyl Acetate	4.33	43	17461	2.38	ug/l	96
43) Isopropyl Acetate	8.17	43	428222	28.12	ug/l #	92
59) 2-Hexanone	10.77	43	25304	3.31	ug/l #	57

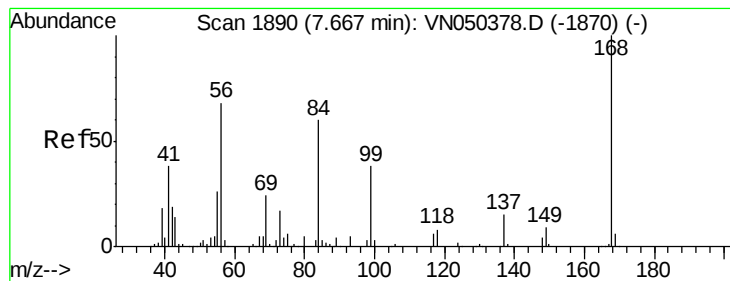
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 07 06:57:54 2018
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Quant Title : SW846 8260
QLast Update : Tue Aug 07 05:22:15 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: VN050396.D

Acq: 6 Aug 2018 20:25

Instrument :

MSVOA_N

ClientSampleId :

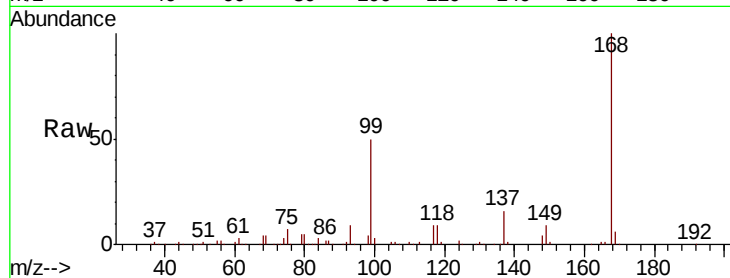
PB11760ZHE#11

Tot Ion:168 Resp: 657134

Ion Ratio Lower Upper

168 100

99 50.3 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

250000

200000

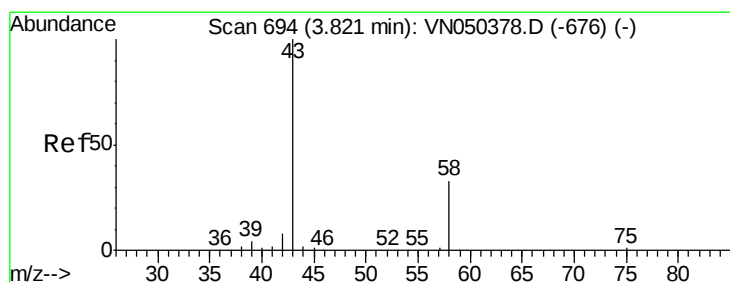
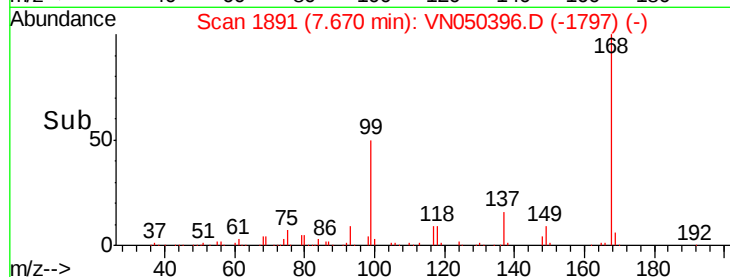
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 8.16 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050396.D

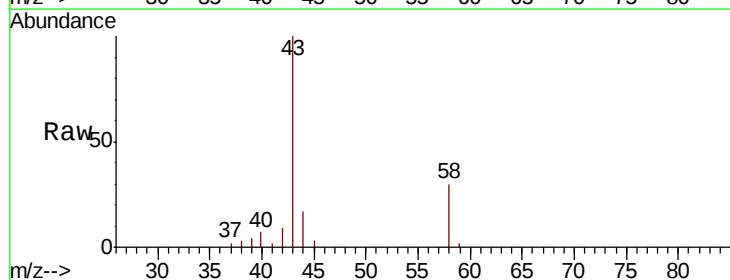
Acq: 6 Aug 2018 20:25

Tgt Ion: 43 Resp: 22286

Ion Ratio Lower Upper

43 100

58 30.3 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) (-)

3.82

10000

8000

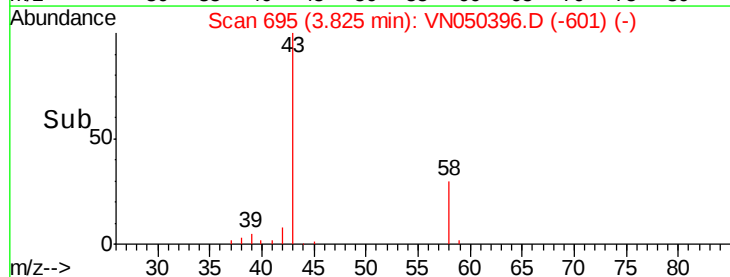
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4000

2000

0

Time-->

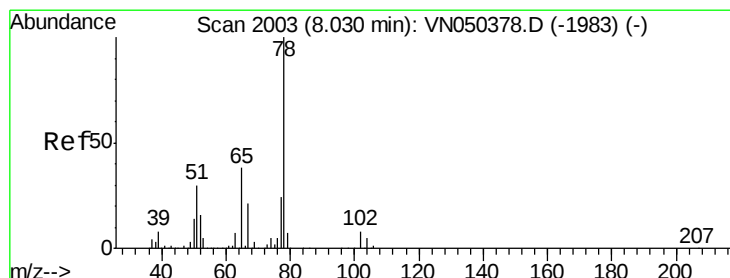
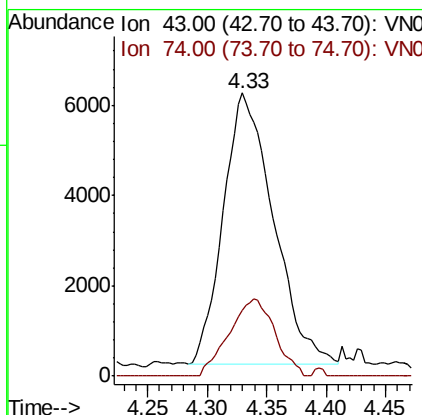
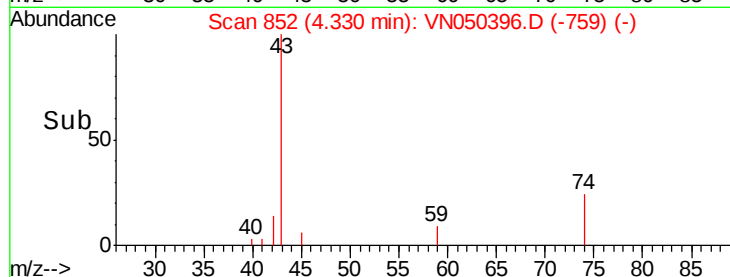
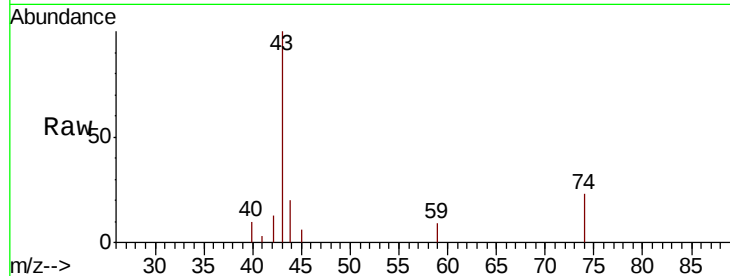




#18
Methvl Acetate
Concen: 2.38 ug/l
RT: 4.33 min Scan# 852
Delta R.T. 0.00 min
Lab File: VN050396.D
Acq: 6 Aug 2018 20:25

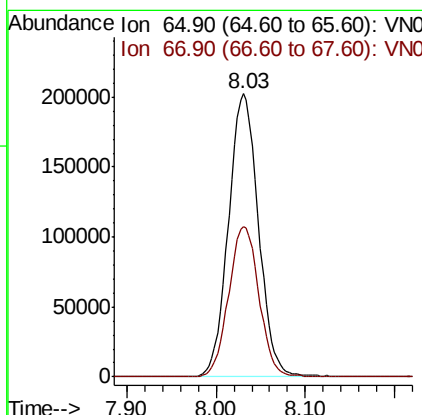
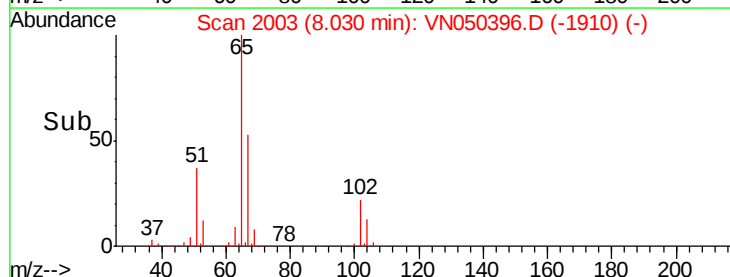
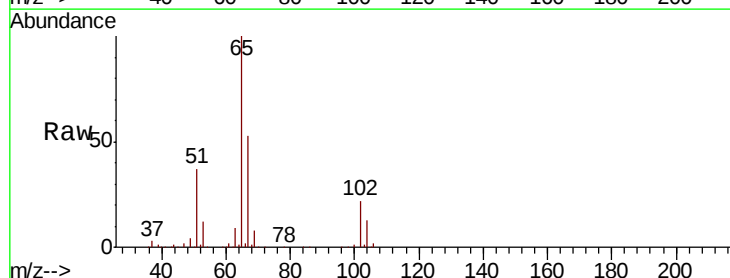
Instrument :
MSVOA_N
ClientSampled :
PB11760ZHE#11

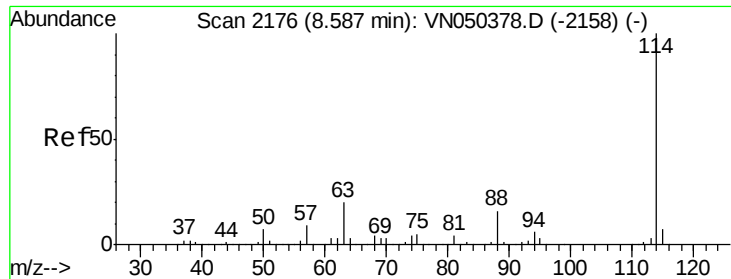
Tot Ion: 43 Resp: 17461
Ion Ratio Lower Upper
43 100
74 25.9 19.2 28.8



#33
1,2-Dichloroethane-d4
Concen: 53.85 ug/l
RT: 8.03 min Scan# 2003
Delta R.T. 0.00 min
Lab File: VN050396.D
Acq: 6 Aug 2018 20:25

Tgt Ion: 65 Resp: 472782
Ion Ratio Lower Upper
65 100
67 53.7 0.0 108.4

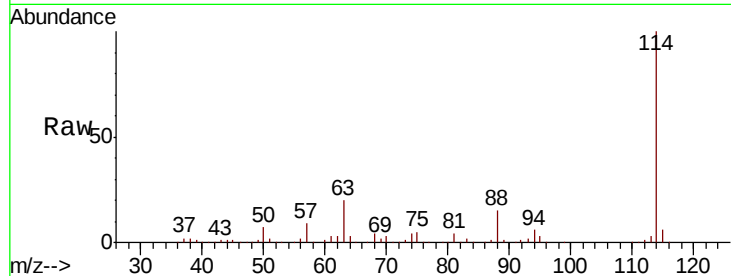




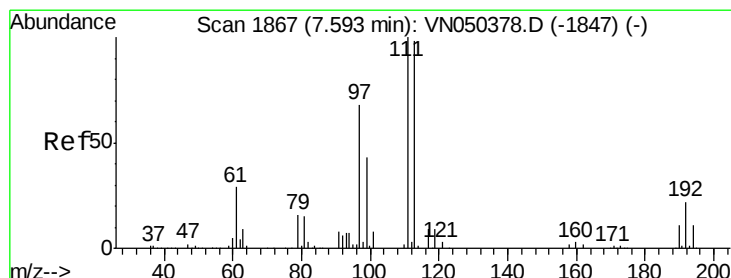
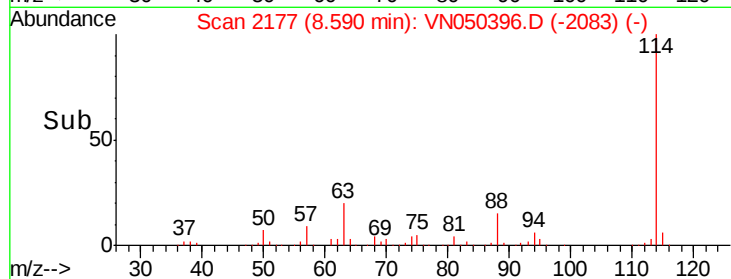
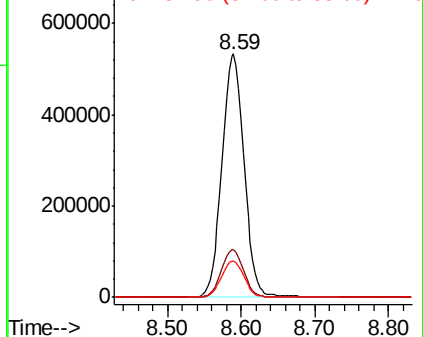
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN050396.D
 Acq: 6 Aug 2018 20:25

Instrument :
 MSVOA_N
 ClientSampleId :
 PB11760ZHE#11

Tot Ion:114 Resp: 1114808
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.0
 88 15.1 0.0 31.2

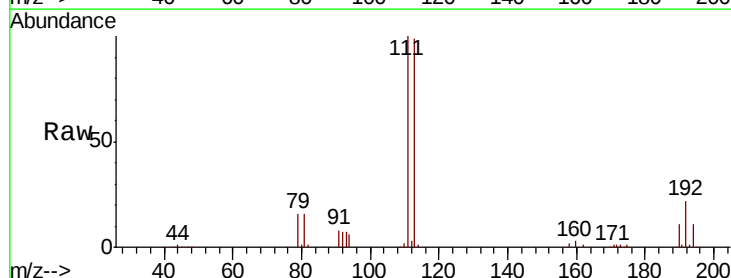


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

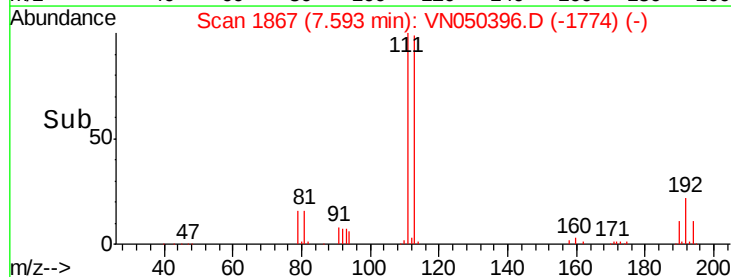
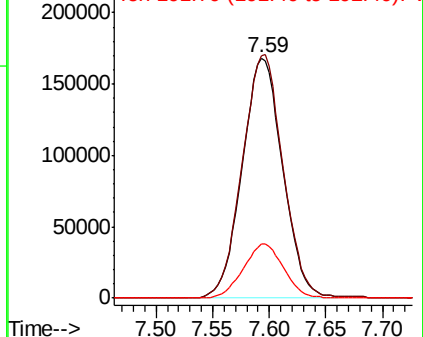


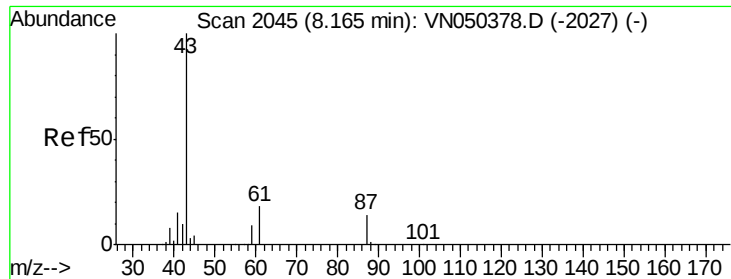
#35
 Dibromofluoromethane
 Concen: 46.89 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050396.D
 Acq: 6 Aug 2018 20:25

Tgt Ion:113 Resp: 419411
 Ion Ratio Lower Upper
 113 100
 111 102.5 80.7 121.1
 192 22.5 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



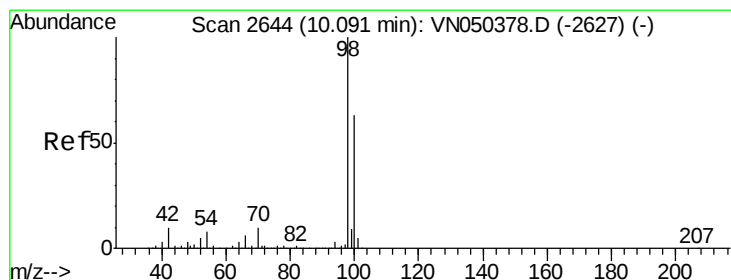
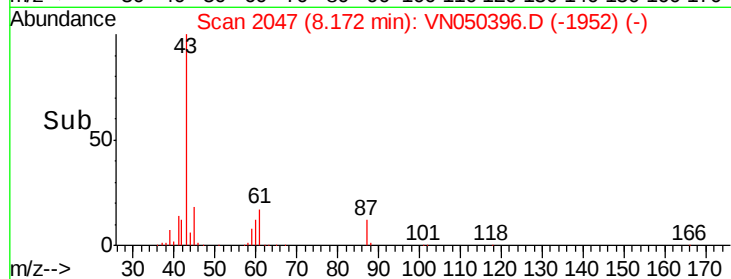
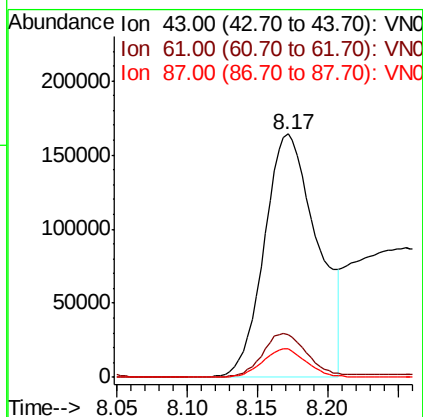
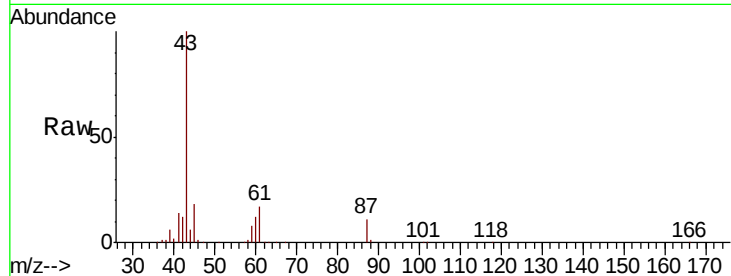


#43

Isopropyl Acetate
 Concen: 28.12 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.01 min
 Lab File: VN050396.D
 Acq: 6 Aug 2018 20:25

Instrument :
 MSVOA_N
 ClientSampleId :
 PB11760ZHE#11

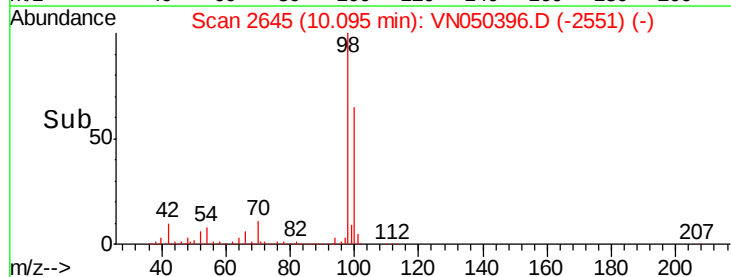
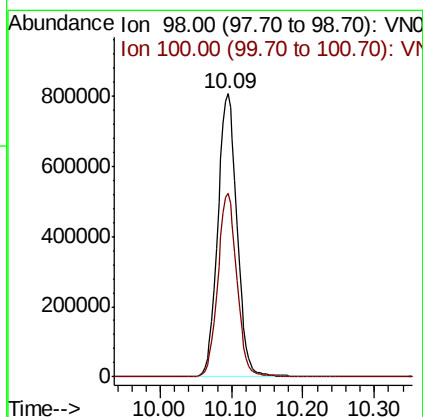
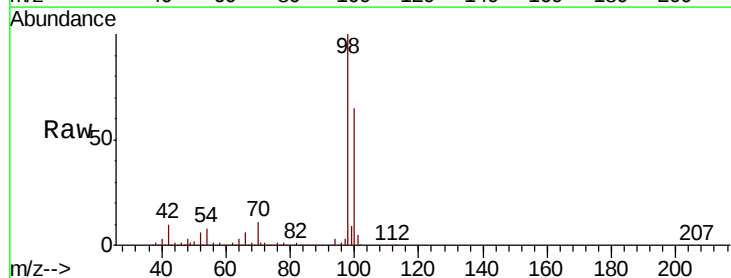
Tot Ion: 43 Resp: 428222
 Ion Ratio Lower Upper
 43 100
 61 15.9 15.8 23.6
 87 9.8 10.3 15.5#

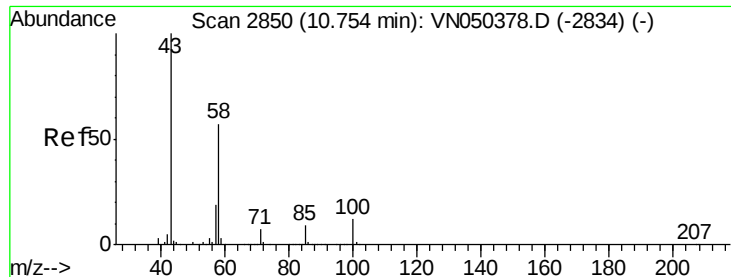


#50

Toluene-d8
 Concen: 44.95 ug/l
 RT: 10.09 min Scan# 2645
 Delta R.T. 0.00 min
 Lab File: VN050396.D
 Acq: 6 Aug 2018 20:25

Tgt Ion: 98 Resp: 1511713
 Ion Ratio Lower Upper
 98 100
 100 63.8 50.7 76.1





#59

2-Hexanone

Concen: 3.31 ug/l

RT: 10.77 min Scan# 2854

Delta R.T. 0.01 min

Lab File: VN050396.D

Acq: 6 Aug 2018 20:25

Instrument :

MSVOA_N

ClientSampleId :

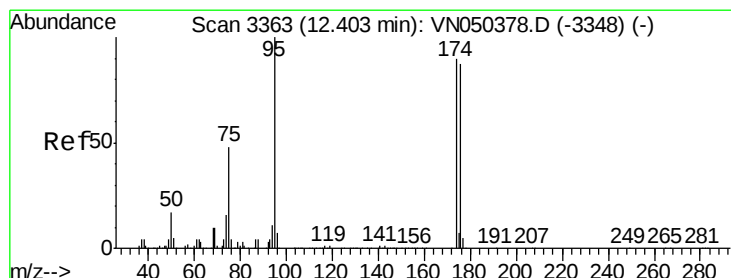
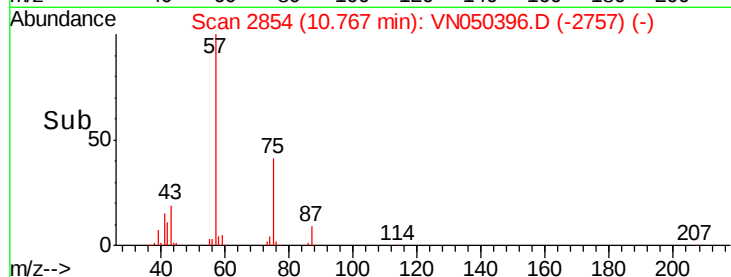
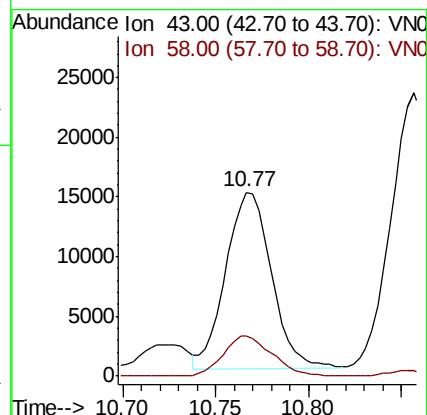
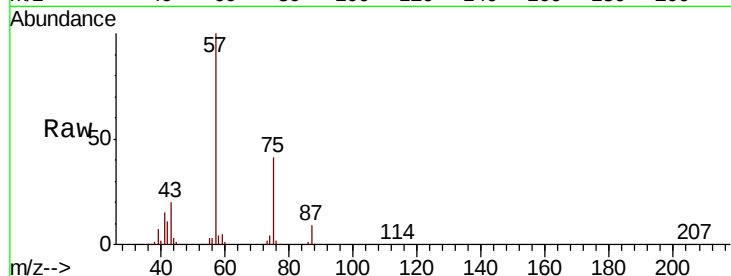
PB11760ZHE#11

Tot Ion: 43 Resp: 25304

Ion Ratio Lower Upper

43 100

58 24.2 27.6 82.7#



#62

4-Bromofluorobenzene

Concen: 36.97 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050396.D

Acq: 6 Aug 2018 20:25

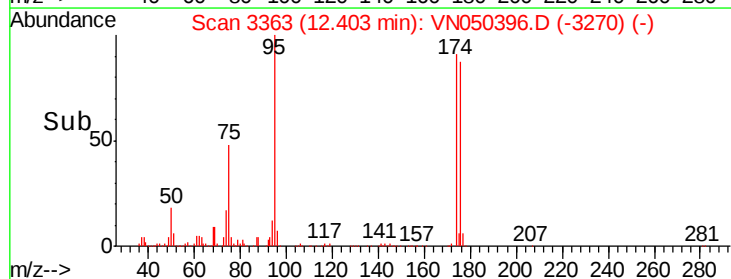
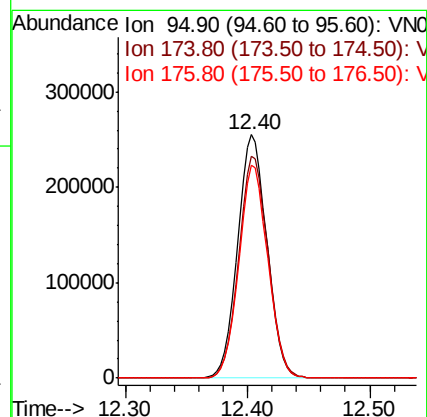
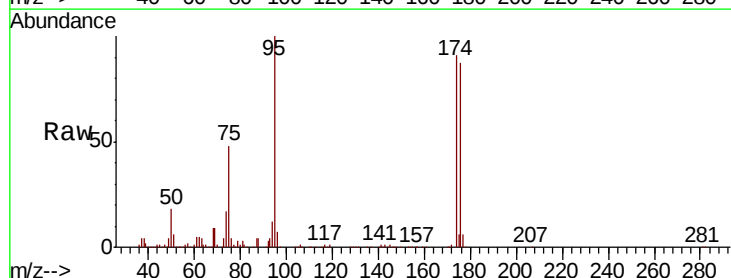
Tgt Ion: 95 Resp: 423735

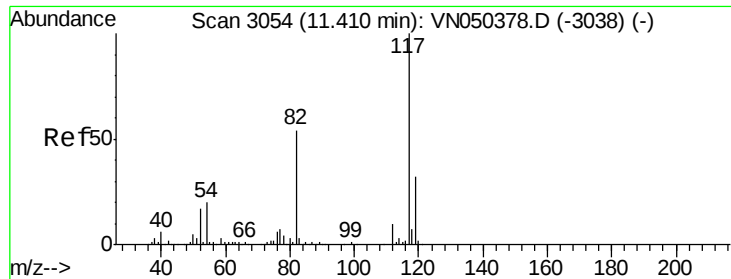
Ion Ratio Lower Upper

95 100

174 91.5 0.0 178.2

176 86.7 0.0 173.4

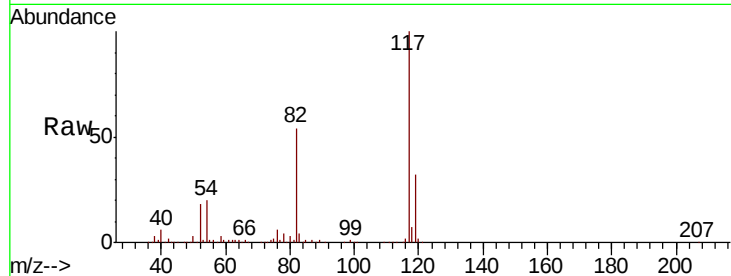




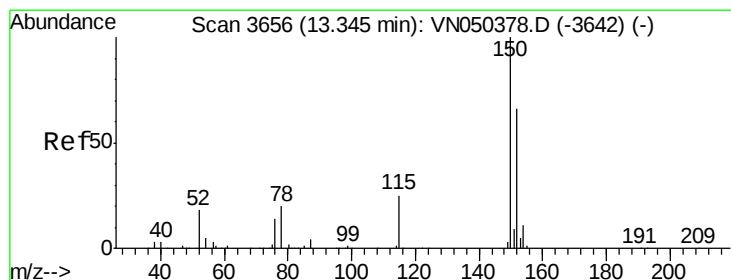
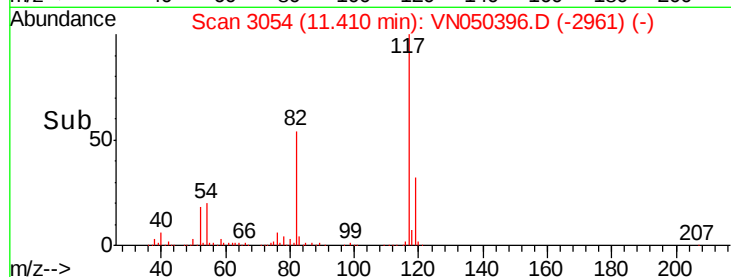
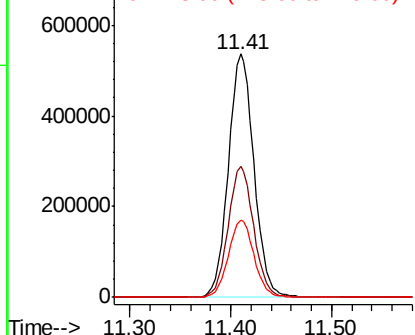
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050396.D
Acq: 6 Aug 2018 20:25

Instrument :
MSVOA_N
ClientSampled :
PB11760ZHE#11

Tot Ion:117 Resp: 948454
Ion Ratio Lower Upper
117 100
82 53.6 43.7 65.5
119 31.7 26.1 39.1

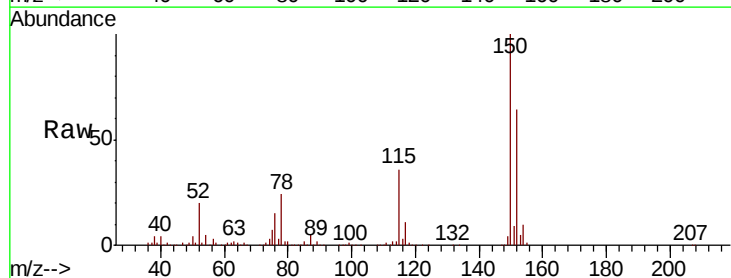


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050396.D
Acq: 6 Aug 2018 20:25

Tgt Ion:152 Resp: 361039
Ion Ratio Lower Upper
152 100
115 56.6 27.8 83.3
150 157.5 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

