

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073118\
 Data File : VN050231.D
 Acq On : 31 Jul 2018 21:55
 Operator : MD\SY
 Sample : PB111613ZHE#07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111613ZHE#07

Quant Time: Aug 01 04:58:01 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

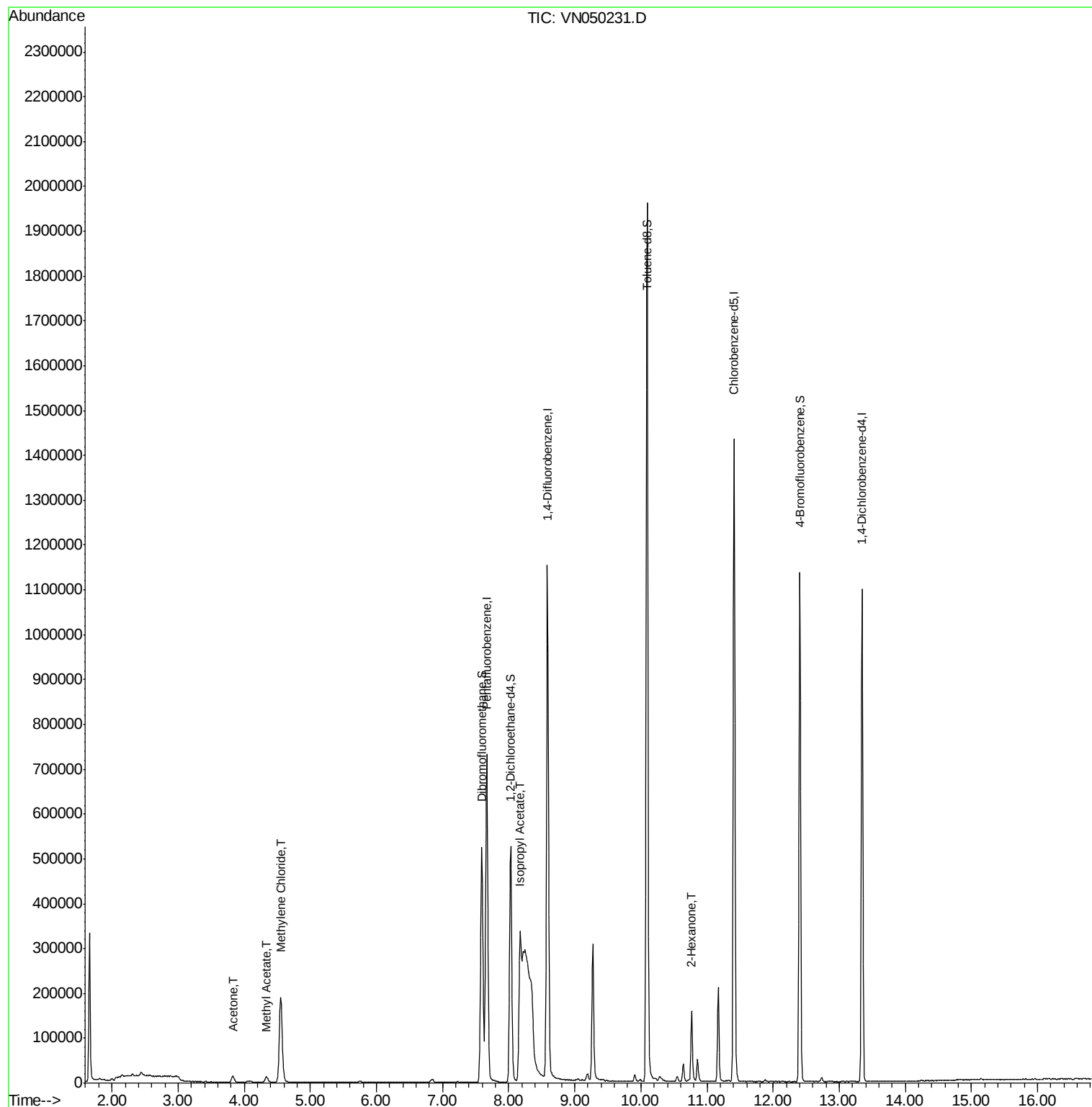
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	621230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1057738	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	890666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	306775	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	453762	52.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.70%	
35) Dibromofluoromethane	7.59	113	401608	46.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.00%	
50) Toluene-d8	10.09	98	1419281	44.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.40%	
62) 4-Bromofluorobenzene	12.40	95	384838	36.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.62%	
Target Compounds						
16) Acetone	3.83	43	23599	7.344	ug/l	98
18) Methyl Acetate	4.34	43	24851	1.551	ug/l	100
20) Methylene Chloride	4.55	84	152397	19.054	ug/l	99
43) Isopropyl Acetate	8.17	43	393810	24.573	ug/l #	91
59) 2-Hexanone	10.77	43	21748	8.723	ug/l #	60

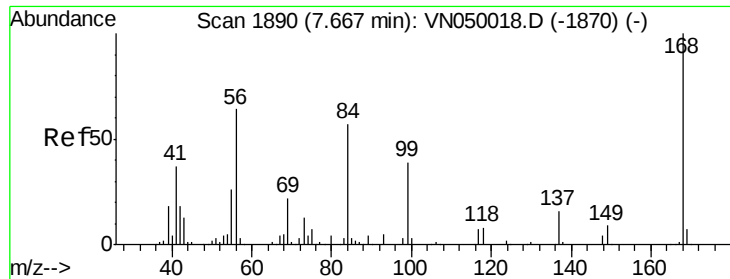
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN073118\
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Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050231.D

Acq: 31 Jul 2018 21:55

Instrument :

MSVOA_N

ClientSampleId :

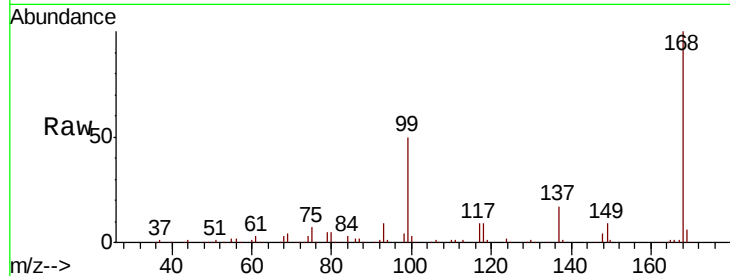
PB111613ZHE#07

Tot Ion:168 Resp: 621230

Ion Ratio Lower Upper

168 100

99 50.4 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): VN050018.D (-1870) (-)

Ion 98.90 (98.60 to 99.60): VN050018.D (-1870) (-)

7.67

250000

200000

150000

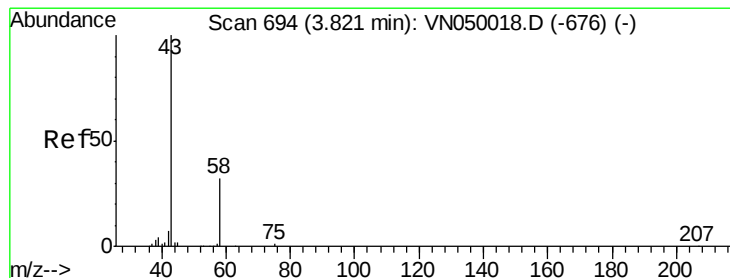
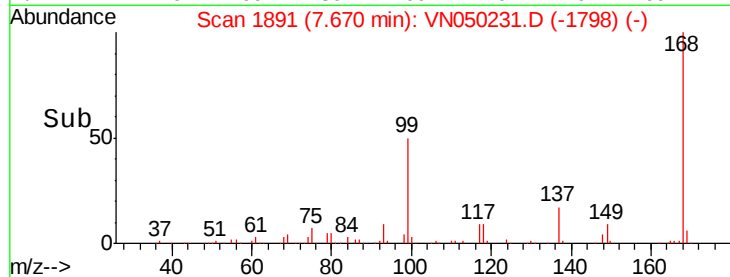
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 7.344 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050231.D

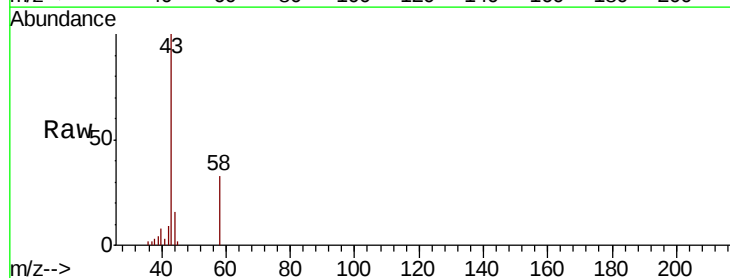
Acq: 31 Jul 2018 21:55

Tgt Ion: 43 Resp: 23599

Ion Ratio Lower Upper

43 100

58 33.6 25.8 38.8



Abundance Ion 43.00 (42.70 to 43.70): VN050018.D (-676) (-)

Ion 58.00 (57.70 to 58.70): VN050018.D (-676) (-)

3.83

10000

8000

6000

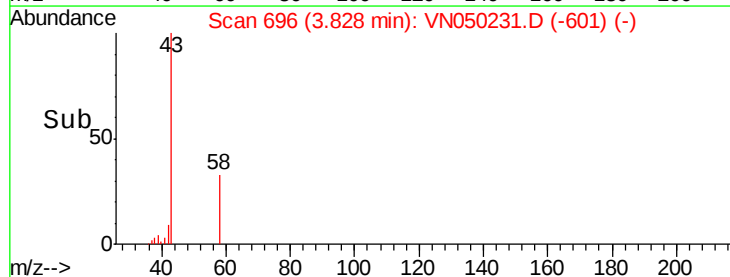
4000

2000

0

3.80 3.90

Time-->

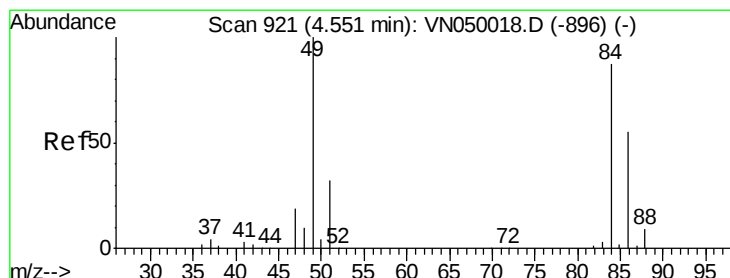
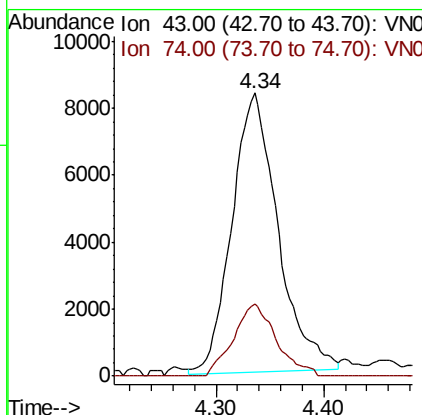
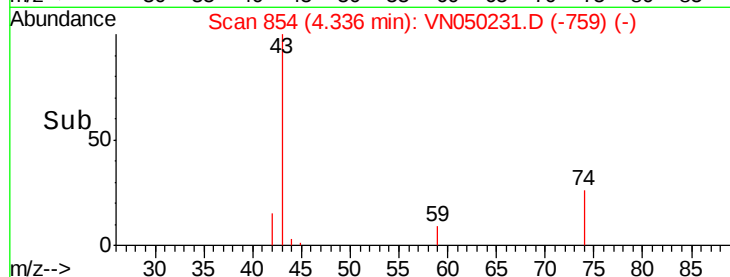
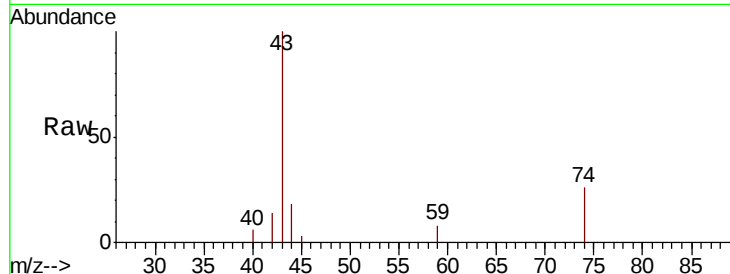




#18
Methyl Acetate
Concen: 1.551 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN050231.D
Acq: 31 Jul 2018 21:55

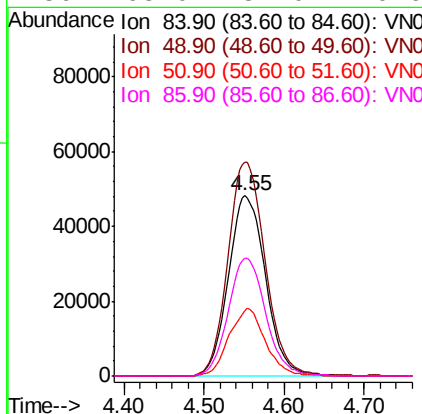
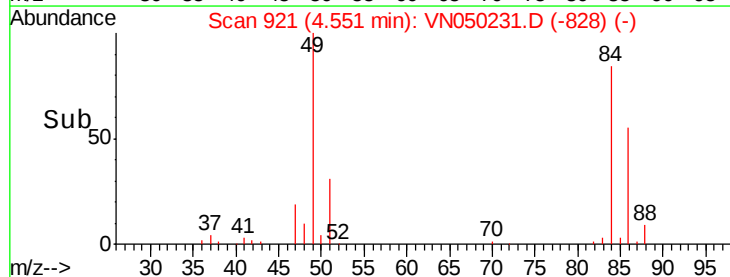
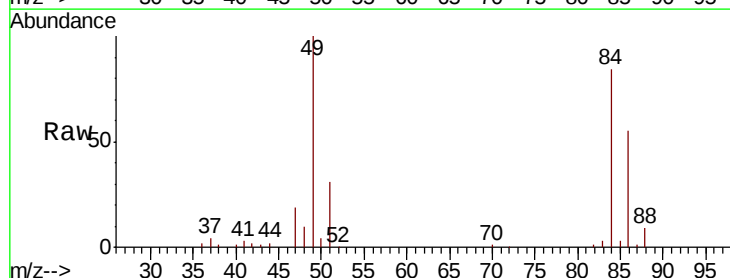
Instrument :
MSVOA_N
ClientSampleId :
PB111613ZHE#07

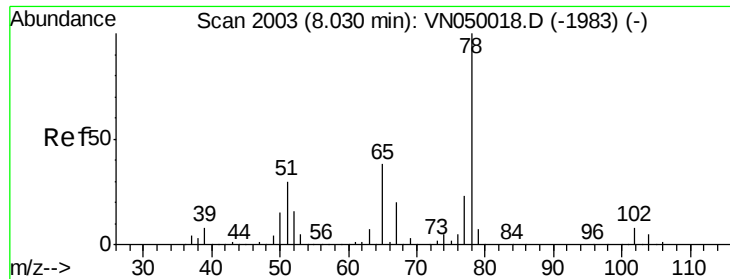
Tot Ion: 43 Resp: 24851
Ion Ratio Lower Upper
43 100
74 24.1 19.2 28.8



#20
Methylene Chloride
Concen: 19.054 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050231.D
Acq: 31 Jul 2018 21:55

Tgt Ion: 84 Resp: 152397
Ion Ratio Lower Upper
84 100
49 118.4 94.8 142.2
51 36.2 28.3 42.5
86 65.0 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 52.352 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050231.D

Acq: 31 Jul 2018 21:55

Instrument :

MSVOA_N

ClientSampleId :

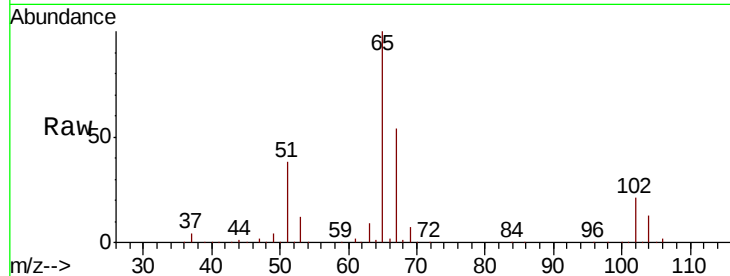
PB111613ZHE#07

Tot Ion: 65 Resp: 453762

Ion Ratio Lower Upper

65 100

67 53.3 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

200000

150000

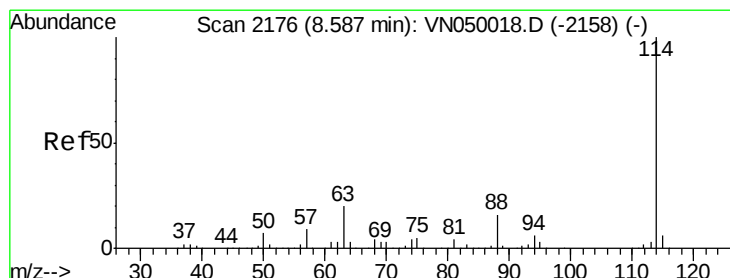
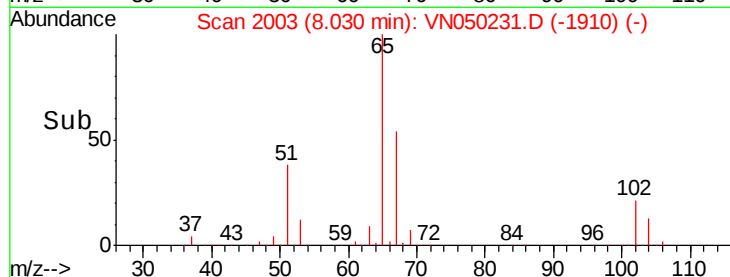
100000

50000

0

Time-->

7.90 8.00 8.10 8.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2176

Delta R.T. -0.00 min

Lab File: VN050231.D

Acq: 31 Jul 2018 21:55

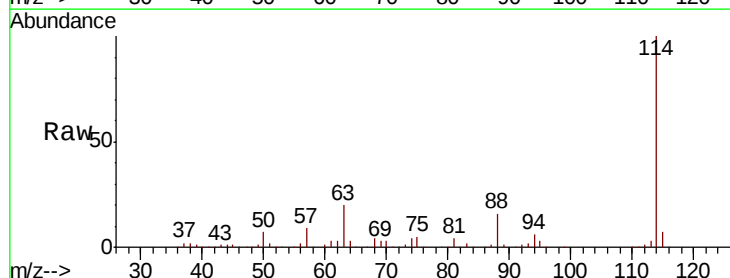
Tgt Ion: 114 Resp: 1057738

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.0

88 15.6 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

8.59

600000

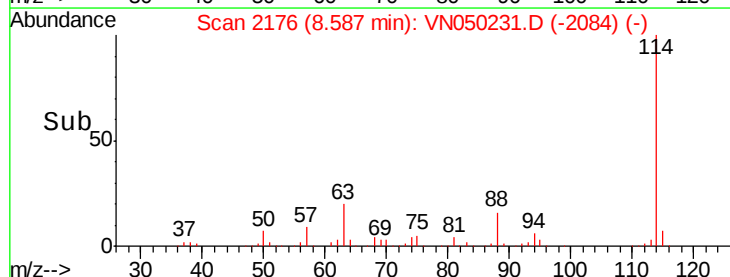
400000

200000

0

Time-->

8.50 8.60 8.70 8.80

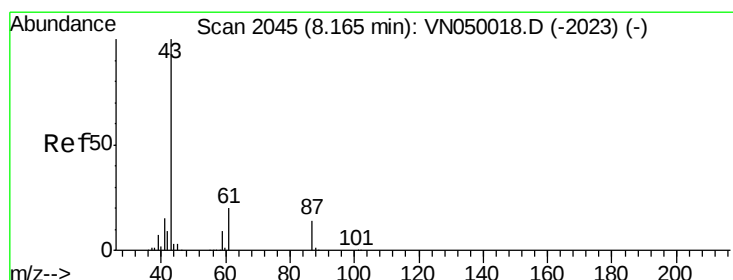
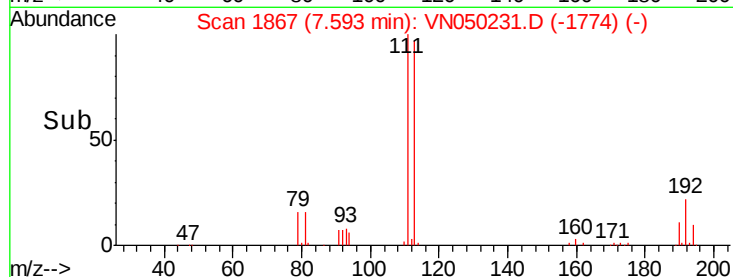
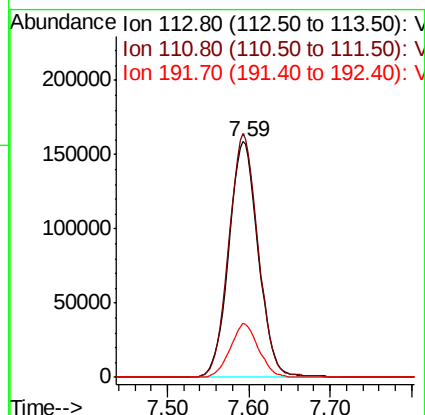
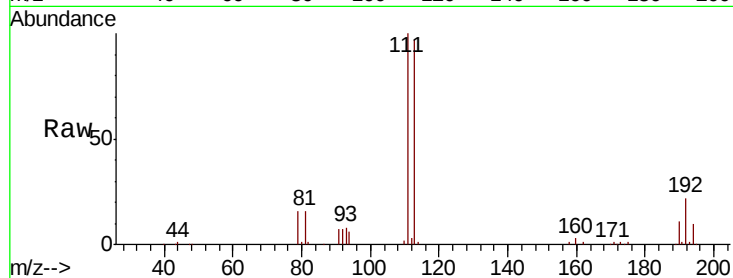




#35
 Dibromofluoromethane
 Concen: 46.503 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050231.D
 Acq: 31 Jul 2018 21:55

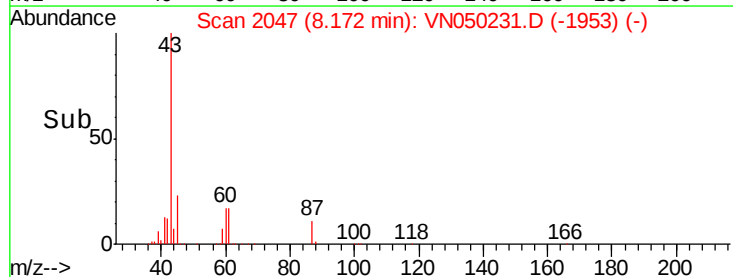
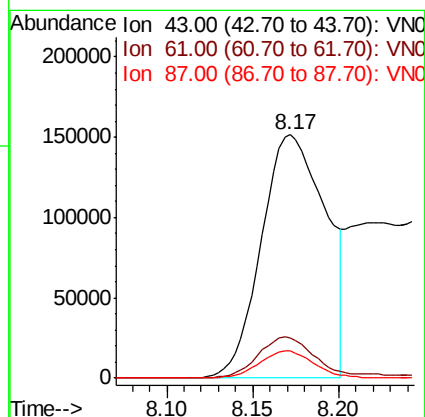
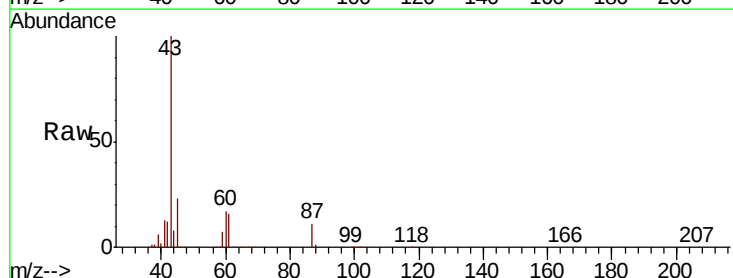
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111613ZHE#07

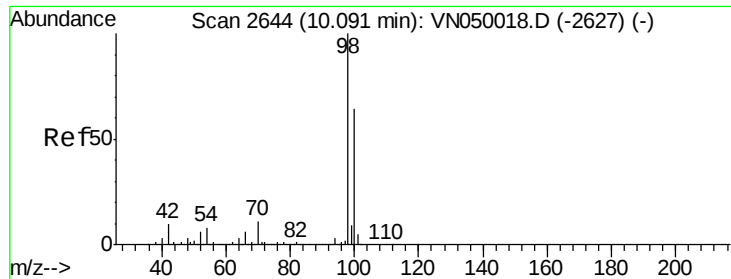
Tot Ion:113 Resp: 401608
 Ion Ratio Lower Upper
 113 100
 111 102.8 80.7 121.1
 192 22.0 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 24.573 ug/l
 RT: 8.17 min Scan# 2047
 Delta R.T. 0.00 min
 Lab File: VN050231.D
 Acq: 31 Jul 2018 21:55

Tgt Ion: 43 Resp: 393810
 Ion Ratio Lower Upper
 43 100
 61 15.5 15.8 23.6#
 87 9.5 10.3 15.5#

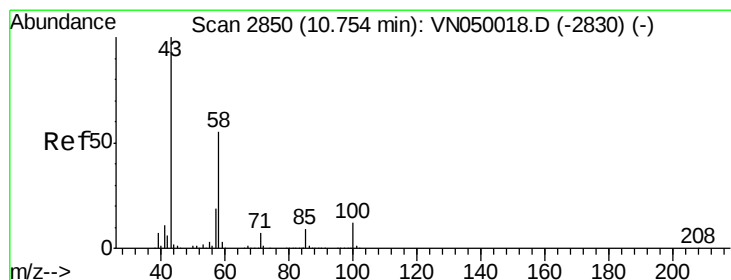
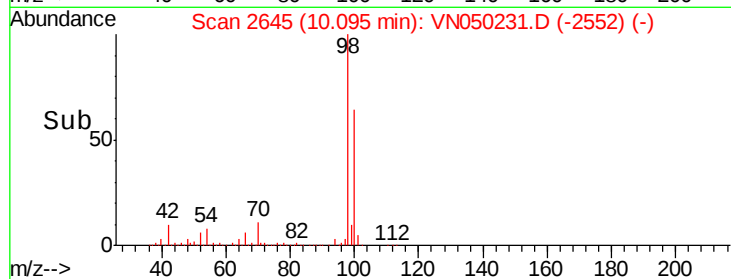
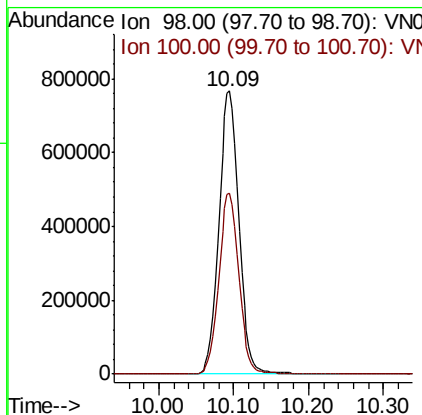
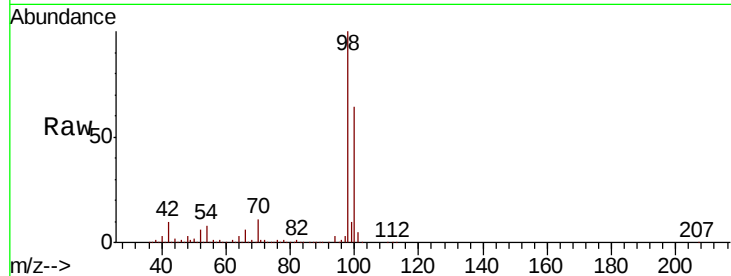




#50
Toluene-d8
Concen: 44.702 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050231.D
Acq: 31 Jul 2018 21:55

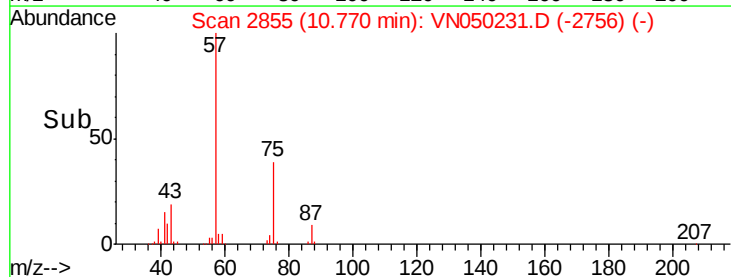
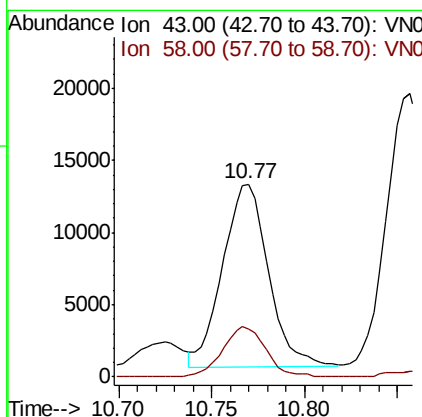
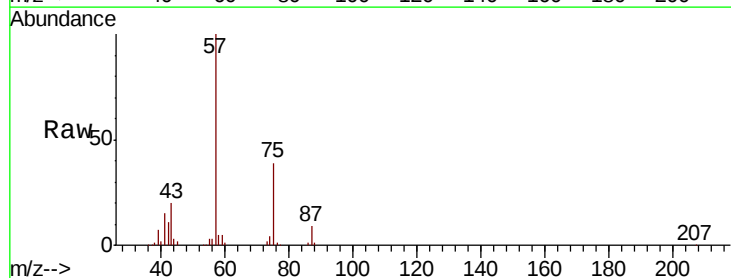
Instrument :
MSVOA_N
ClientSampleId :
PB111613ZHE#07

Tot Ion: 98 Resp: 1419281
Ion Ratio Lower Upper
98 100
100 64.0 50.7 76.1



#59
2-Hexanone
Concen: 8.723 ug/l
RT: 10.77 min Scan# 2855
Delta R.T. 0.02 min
Lab File: VN050231.D
Acq: 31 Jul 2018 21:55

Tgt Ion: 43 Resp: 21748
Ion Ratio Lower Upper
43 100
58 25.8 27.6 82.7#

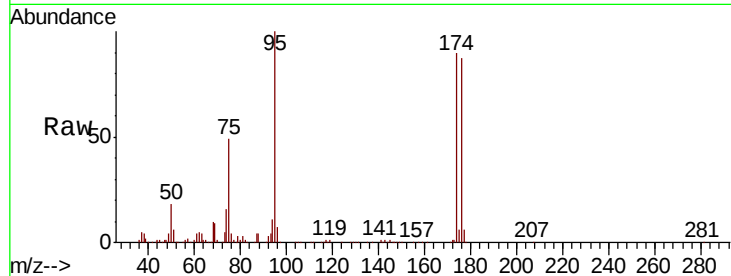




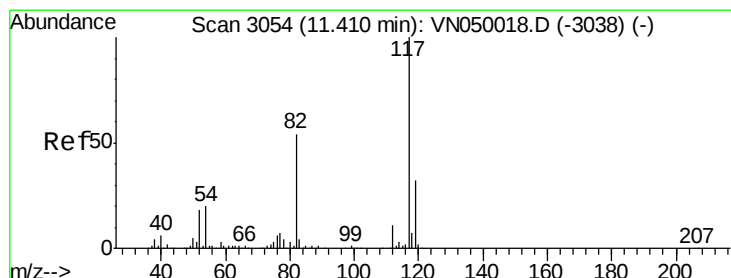
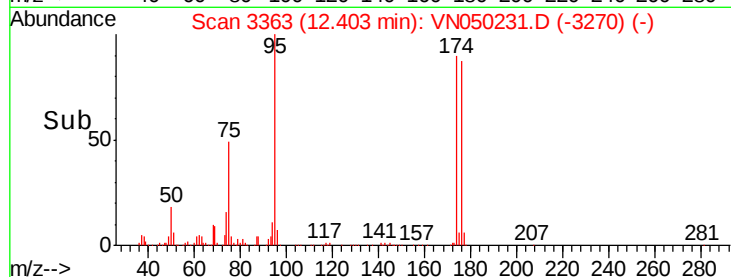
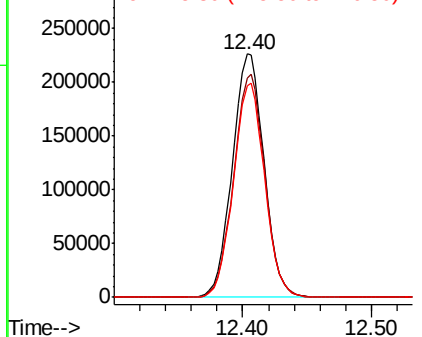
#62
4-Bromofluorobenzene
Concen: 36.811 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN050231.D
Acq: 31 Jul 2018 21:55

Instrument :
MSVOA_N
ClientSampleId :
PB111613ZHE#07

Tot Ion: 95 Resp: 384838
Ion Ratio Lower Upper
95 100
174 90.5 0.0 178.2
176 87.0 0.0 173.4

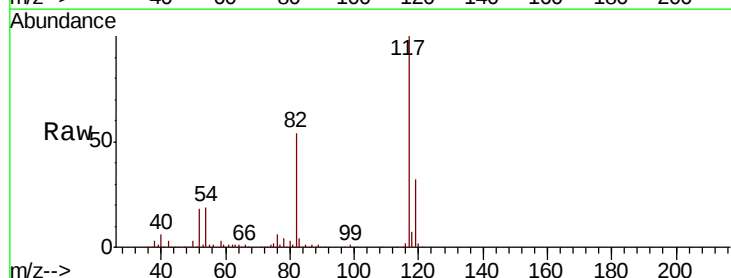


Abundance Ion 94.90 (94.60 to 95.60): VN050018.D (-3348) (-)
Ion 173.80 (173.50 to 174.50): VN050018.D (-3348) (-)
Ion 175.80 (175.50 to 176.50): VN050018.D (-3348) (-)

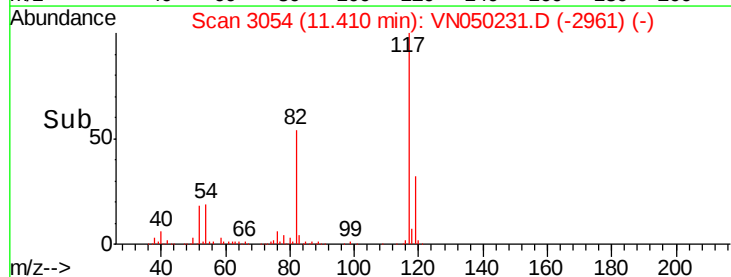
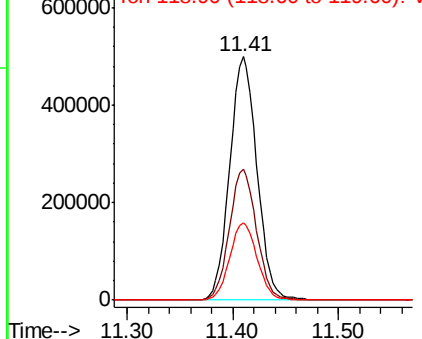


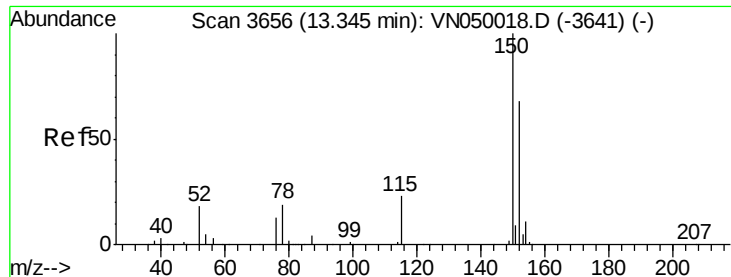
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050231.D
Acq: 31 Jul 2018 21:55

Tgt Ion: 117 Resp: 890666
Ion Ratio Lower Upper
117 100
82 53.7 43.7 65.5
119 31.5 26.1 39.1



Abundance Ion 116.90 (116.60 to 117.60): VN050018.D (-3038) (-)
Ion 82.00 (81.70 to 82.70): VN050018.D (-3038) (-)
Ion 118.90 (118.60 to 119.60): VN050018.D (-3038) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050231.D

Acq: 31 Jul 2018 21:55

Instrument :

MSVOA_N

ClientSampleId :

PB111613ZHE#07

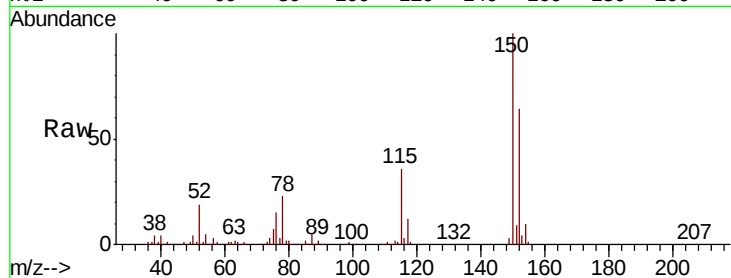
Tot Ion:152 Resp: 306775

Ion Ratio Lower Upper

152 100

115 56.5 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

