

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072518\
 Data File : VN050053.D
 Acq On : 25 Jul 2018 19:45
 Operator : MD\SY
 Sample : PB111424TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111424TB

Quant Time: Jul 26 07:14:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 24 06:27:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	633982	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1015899	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	864809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	274938	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	446070	50.43	ug/l	0.00
Spiked Amount						
			Recovery	=	100.86%	
35) Dibromofluoromethane	7.60	113	394487	47.56	ug/l	0.00
Spiked Amount						
			Recovery	=	95.12%	
50) Toluene-d8	10.09	98	1396317	45.79	ug/l	0.00
Spiked Amount						
			Recovery	=	91.58%	
62) 4-Bromofluorobenzene	12.41	95	363565	36.21	ug/l	0.00
Spiked Amount						
			Recovery	=	72.42%	

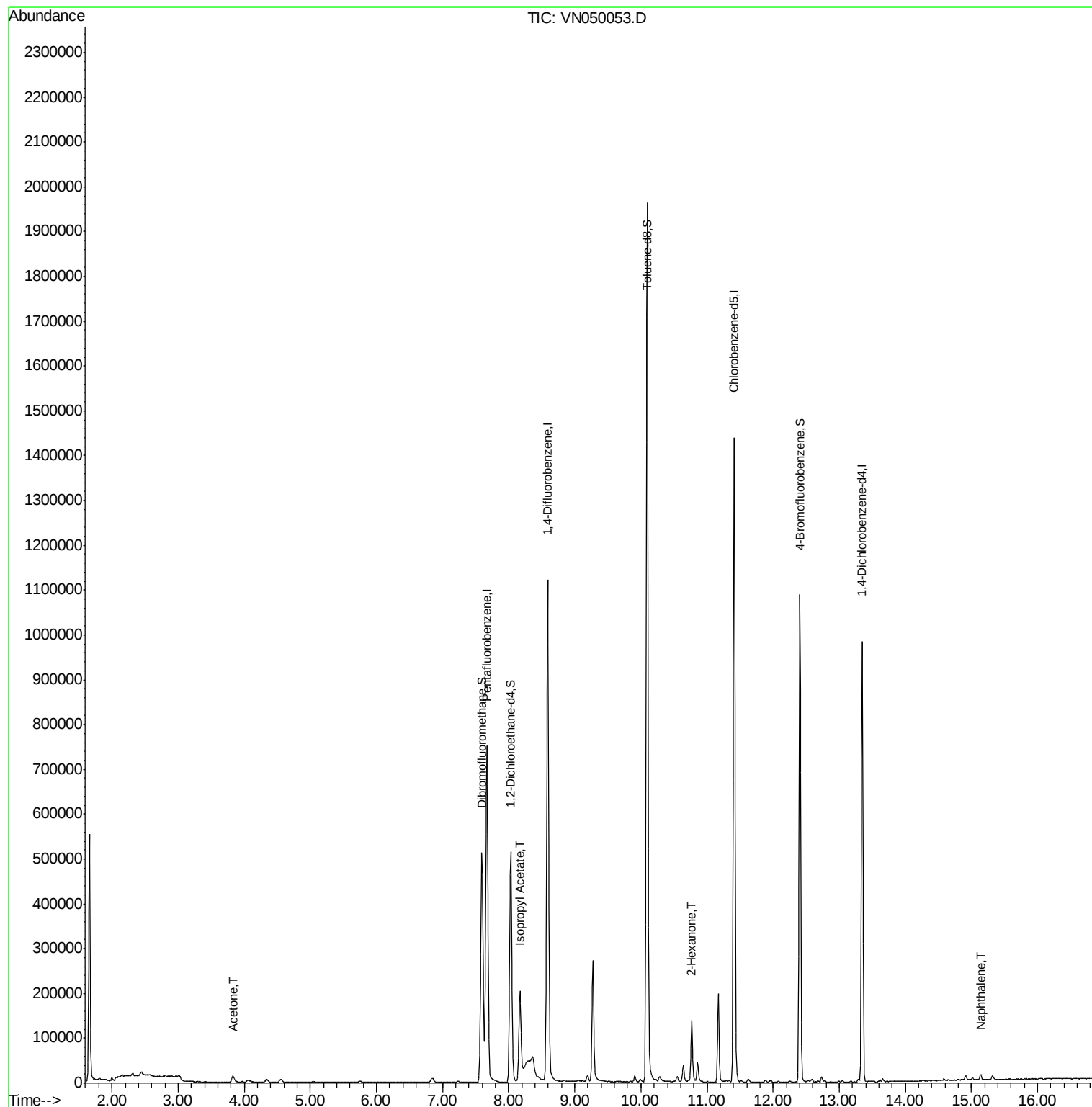
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	25127	7.85	ug/l	95
43) Isopropyl Acetate	8.17	43	252440	16.01	ug/l	99
59) 2-Hexanone	10.77	43	22091	8.93	ug/l	63
95) Naphthalene	15.14	128	10000	5.14	ug/l	96

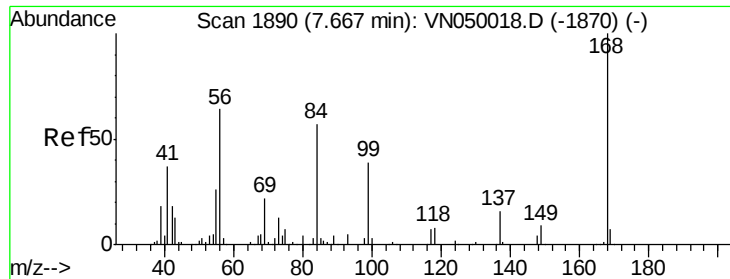
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072518\
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Sample : PB111424TB
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Quant Time: Jul 26 07:14:54 2018
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Quant Title : SW846 8260
QLast Update : Tue Jul 24 06:27:04 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: VN050053.D

Acq: 25 Jul 2018 19:45

Instrument :

MSVOA_N

ClientSampleId :

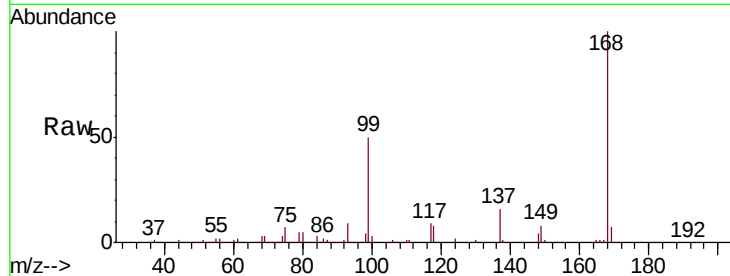
PB111424TB

Tot Ion:168 Resp: 633982

Ion Ratio Lower Upper

168 100

99 49.8 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

300000

250000

200000

150000

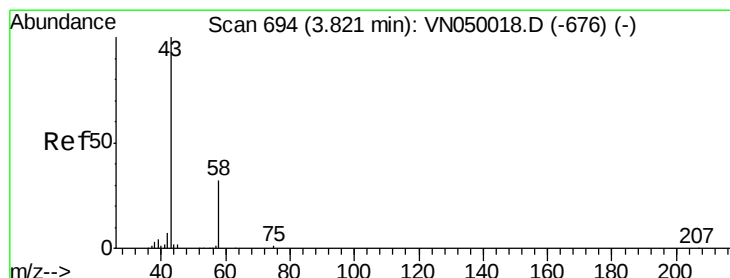
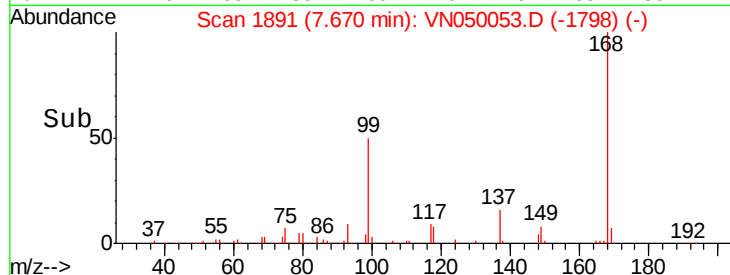
100000

50000

0

Time-->

7.55 7.60 7.65 7.70 7.75



#16

Acetone

Concen: 7.85 ug/l

RT: 3.83 min Scan# 697

Delta R.T. 0.01 min

Lab File: VN050053.D

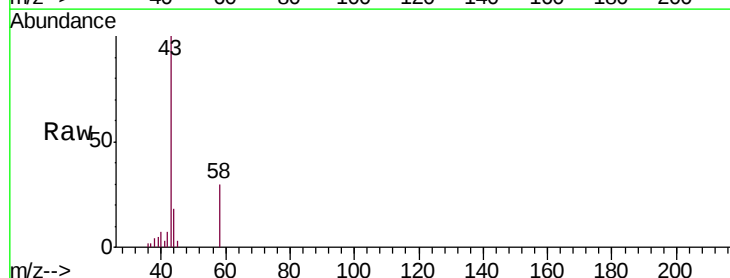
Acq: 25 Jul 2018 19:45

Tgt Ion: 43 Resp: 25127

Ion Ratio Lower Upper

43 100

58 29.6 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

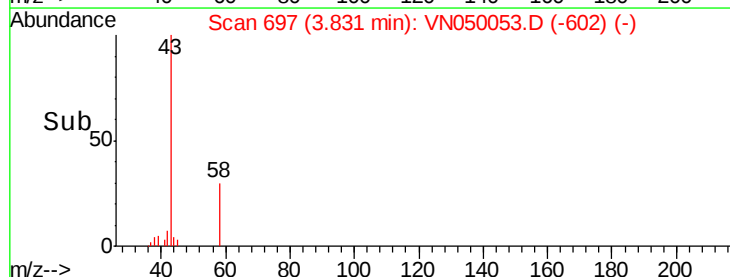
4000

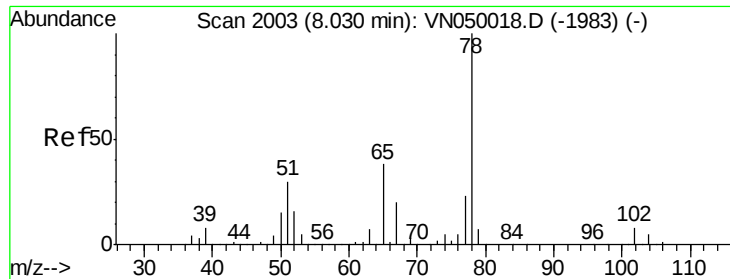
2000

0

Time-->

3.75 3.80 3.85 3.90





#33

1,2-Dichloroethane-d4

Concen: 50.43 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. -0.00 min

Lab File: VN050053.D

Acq: 25 Jul 2018 19:45

Instrument :

MSVOA_N

ClientSampled :

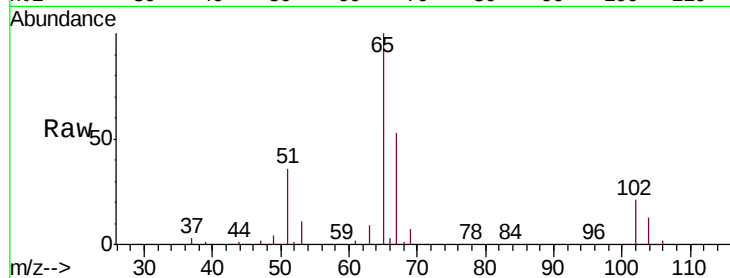
PB111424TB

Tot Ion: 65 Resp: 446070

Ion Ratio Lower Upper

65 100

67 53.3 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN050018.D (-1983) (-)

Ion 66.90 (66.60 to 67.60): VN050018.D (-1983) (-)

8.03

200000

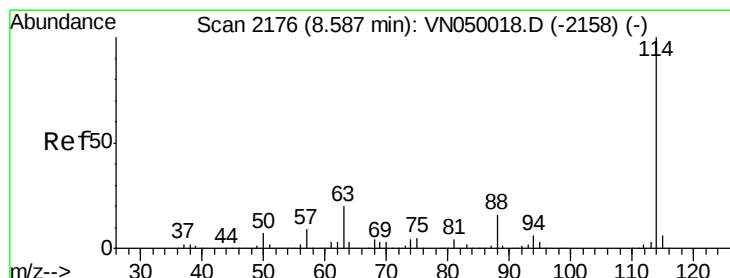
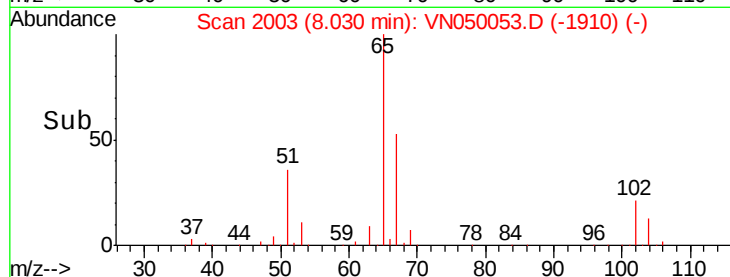
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. -0.00 min

Lab File: VN050053.D

Acq: 25 Jul 2018 19:45

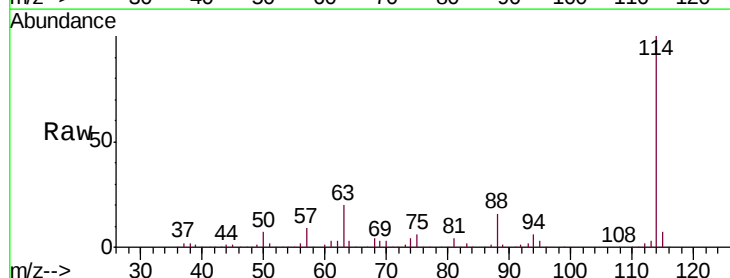
Tgt Ion: 114 Resp: 1015899

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

88 15.6 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): VN050018.D (-2158) (-)

Ion 63.00 (62.70 to 63.70): VN050018.D (-2158) (-)

Ion 87.90 (87.60 to 88.60): VN050018.D (-2158) (-)

8.59

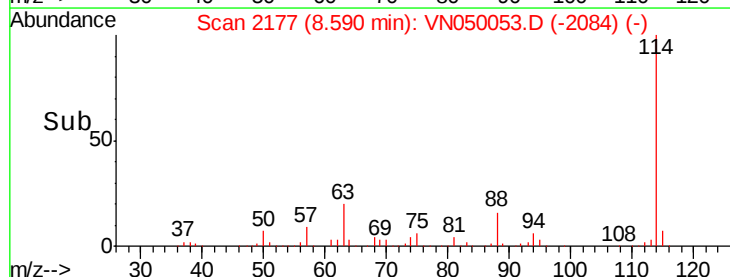
600000

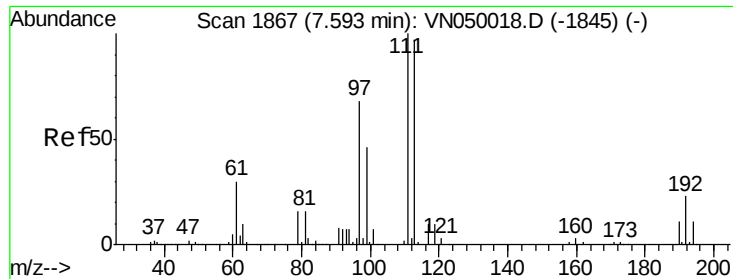
400000

200000

0

Time-->

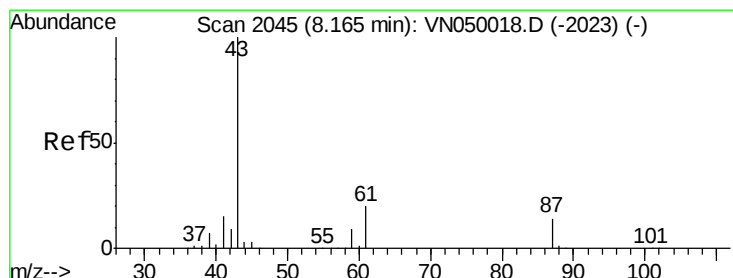
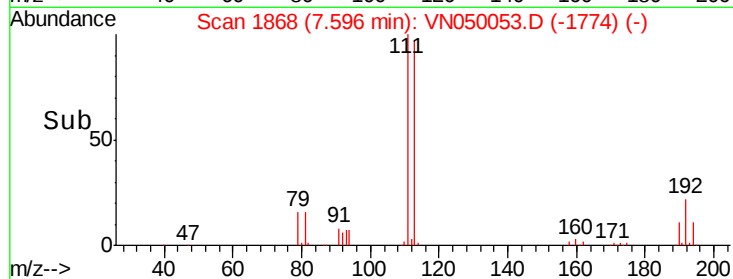
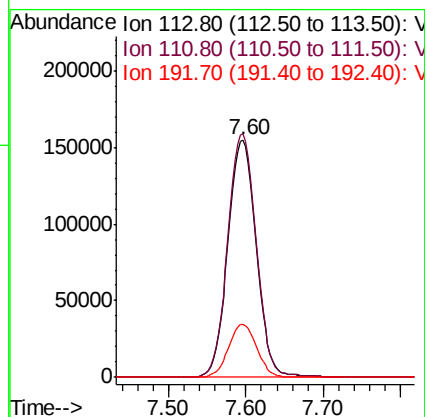
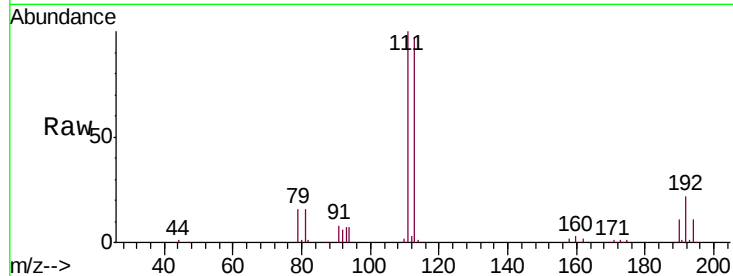




#35
 Dibromofluoromethane
 Concen: 47.56 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN050053.D
 Acq: 25 Jul 2018 19:45

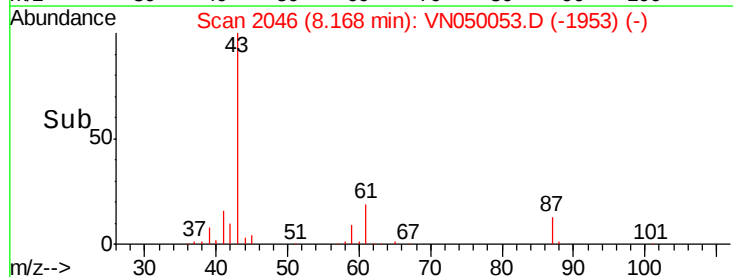
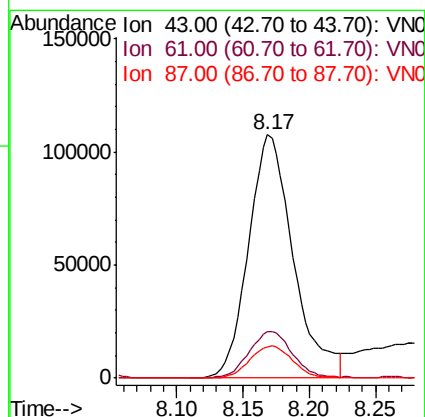
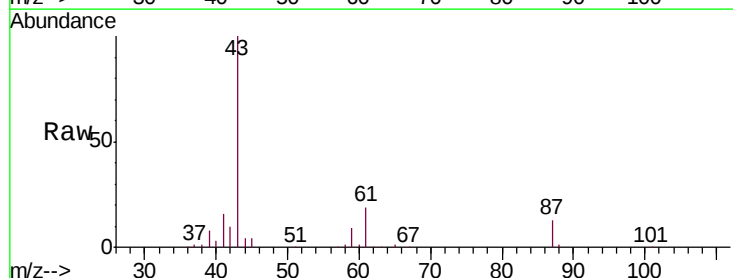
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111424TB

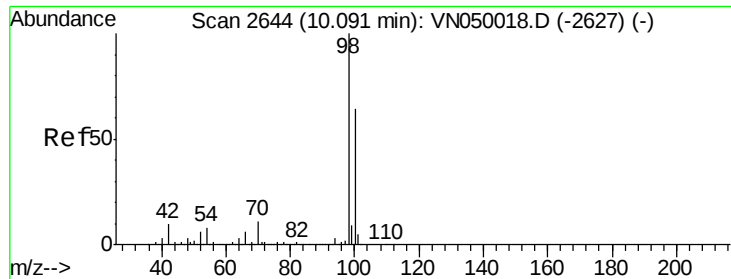
Tot Ion:113 Resp: 394487
 Ion Ratio Lower Upper
 113 100
 111 103.2 80.7 121.1
 192 22.2 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 16.01 ug/l
 RT: 8.17 min Scan# 2046
 Delta R.T. 0.00 min
 Lab File: VN050053.D
 Acq: 25 Jul 2018 19:45

Tgt Ion: 43 Resp: 252440
 Ion Ratio Lower Upper
 43 100
 61 18.7 15.8 23.6
 87 12.8 10.3 15.5





#50

Toluene-d8

Concen: 45.79 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. -0.00 min

Lab File: VN050053.D

Acq: 25 Jul 2018 19:45

Instrument :

MSVOA_N

ClientSampleId :

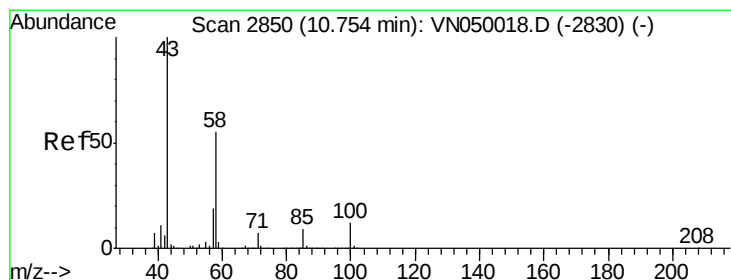
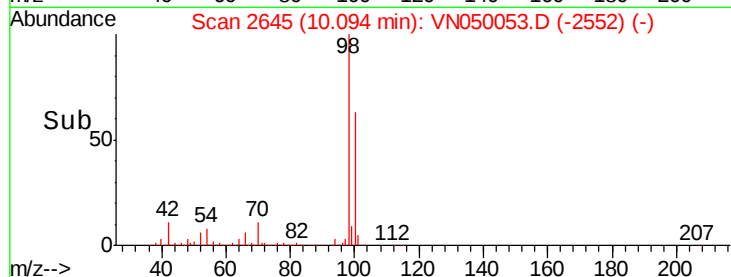
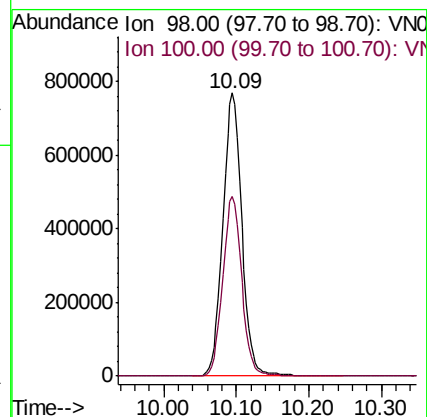
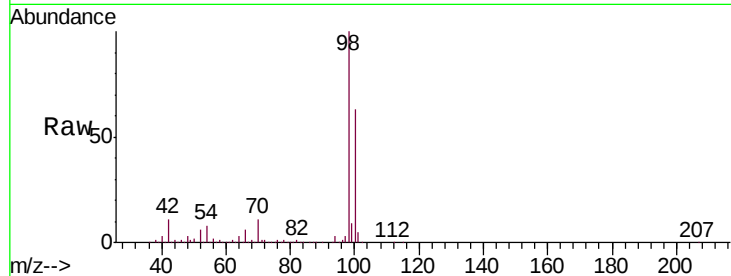
PB111424TB

Tot Ion: 98 Resp: 1396317

Ion Ratio Lower Upper

98 100

100 63.4 50.7 76.1



#59

2-Hexanone

Concen: 8.93 ug/l

RT: 10.77 min Scan# 2855

Delta R.T. 0.02 min

Lab File: VN050053.D

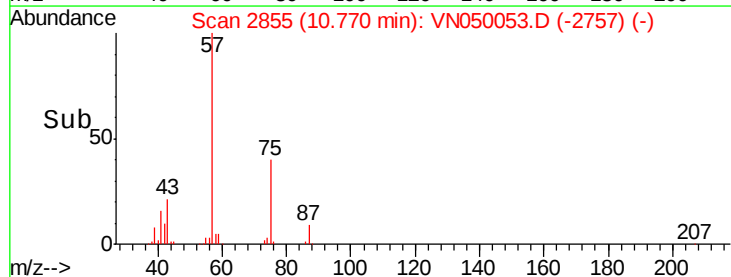
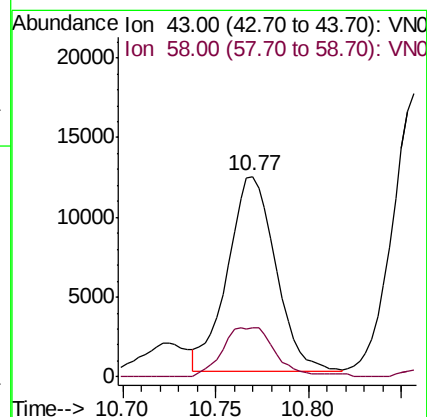
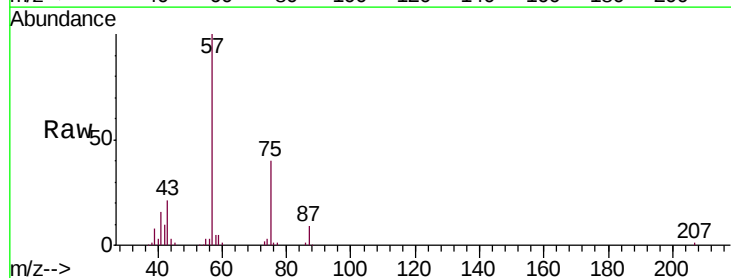
Acq: 25 Jul 2018 19:45

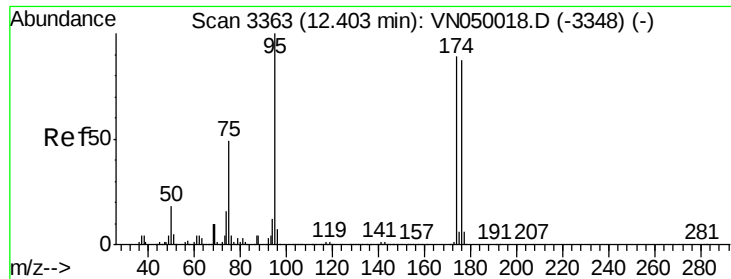
Tgt Ion: 43 Resp: 22091

Ion Ratio Lower Upper

43 100

58 28.3 27.6 82.7

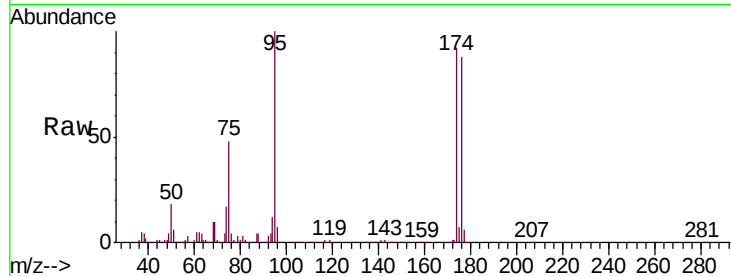




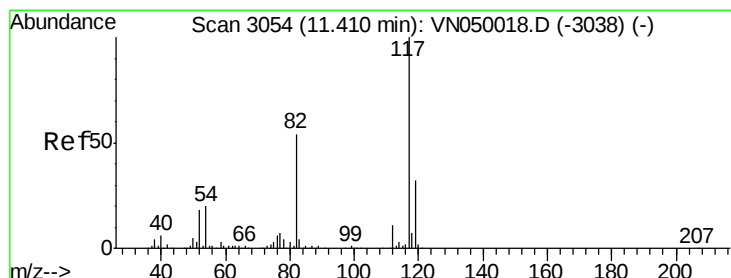
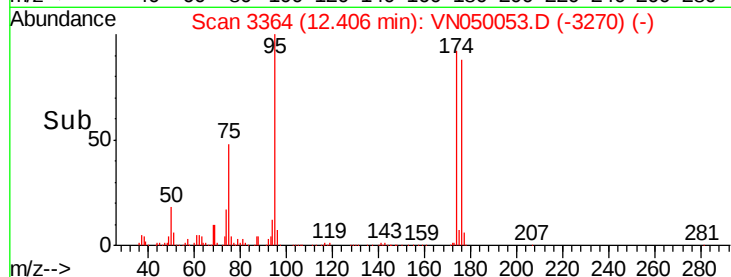
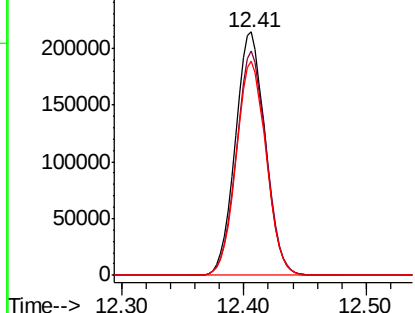
#62
4-Bromofluorobenzene
Concen: 36.21 ug/l
RT: 12.41 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN050053.D
Acq: 25 Jul 2018 19:45

Instrument :
MSVOA_N
ClientSampleId :
PB111424TB

Tot Ion: 95 Resp: 363565
Ion Ratio Lower Upper
95 100
174 92.0 0.0 178.2
176 87.9 0.0 173.4

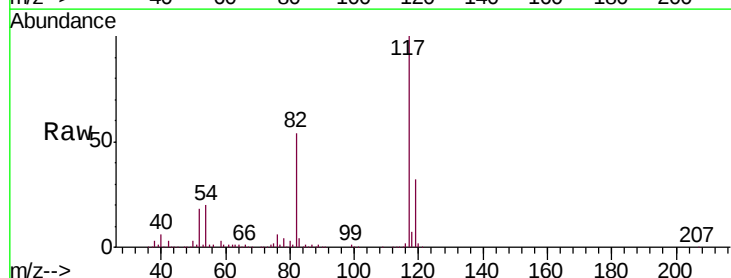


Abundance Ion 94.90 (94.60 to 95.60): VN0
Ion 173.80 (173.50 to 174.50): VN0
Ion 175.80 (175.50 to 176.50): VN0

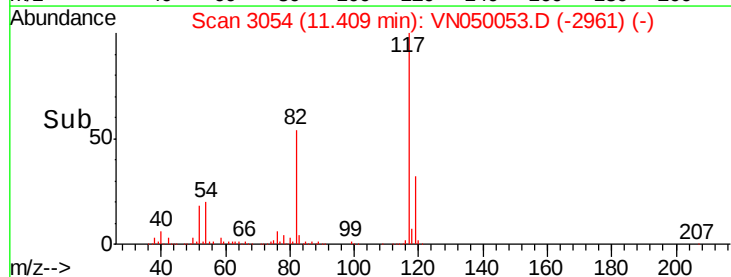
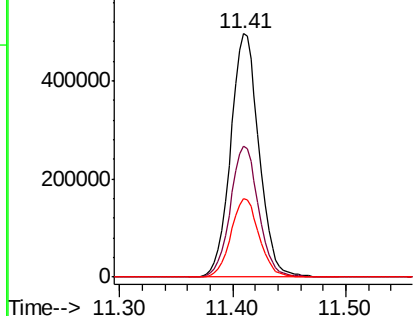


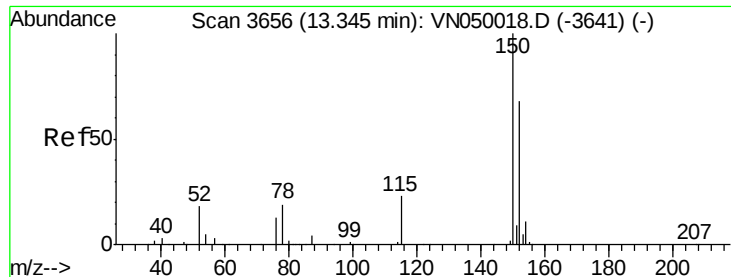
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN050053.D
Acq: 25 Jul 2018 19:45

Tgt Ion: 117 Resp: 864809
Ion Ratio Lower Upper
117 100
82 54.0 43.7 65.5
119 32.1 26.1 39.1



Abundance Ion 116.90 (116.60 to 117.60): VN0
Ion 82.00 (81.70 to 82.70): VN0
Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3657

Delta R.T. 0.00 min

Lab File: VN050053.D

Acq: 25 Jul 2018 19:45

Instrument :

MSVOA_N

ClientSampleId :

PB111424TB

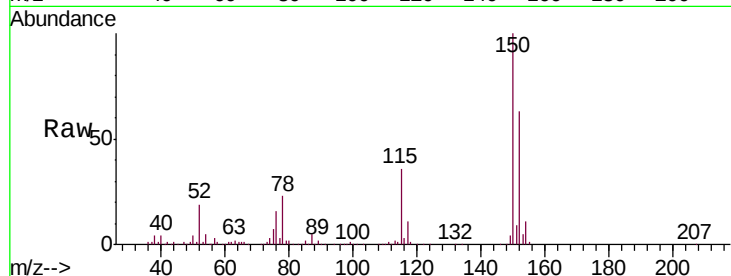
Tot Ion:152 Resp: 274938

Ion Ratio Lower Upper

152 100

115 56.1 27.8 83.3

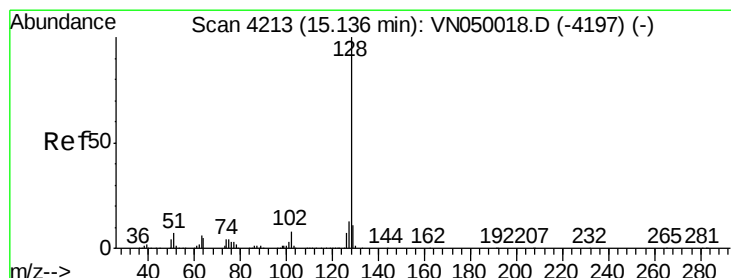
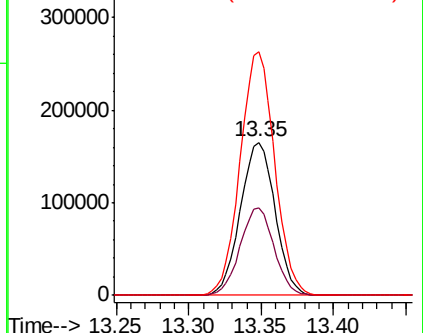
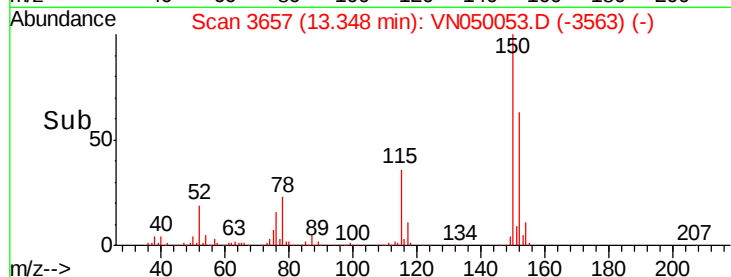
150 158.5 0.0 348.6



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



#95

Naphthalene

Concen: 5.14 ug/l

RT: 15.14 min Scan# 4213

Delta R.T. 0.00 min

Lab File: VN050053.D

Acq: 25 Jul 2018 19:45

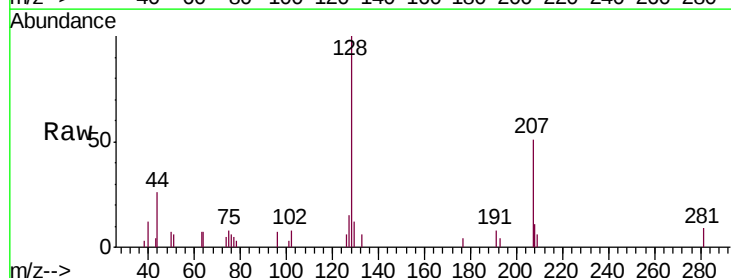
Tgt Ion:128 Resp: 10000

Ion Ratio Lower Upper

128 100

127 15.4 10.4 15.6

129 10.2 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

