

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
 Data File : VN050094.D
 Acq On : 26 Jul 2018 20:11
 Operator : MD\SY
 Sample : PB111473ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111473ZHE#06

Quant Time: Jul 27 03:53:18 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	711736	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1159145	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1015338	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	448637	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	488974	49.24	ug/l	0.00
Spiked Amount			Recovery	=	98.48%	
35) Dibromofluoromethane	7.60	113	430486	45.49	ug/l	0.00
Spiked Amount			Recovery	=	90.98%	
50) Toluene-d8	10.09	98	1595547	45.86	ug/l	0.00
Spiked Amount			Recovery	=	91.72%	
62) 4-Bromofluorobenzene	12.40	95	505169	44.09	ug/l	0.00
Spiked Amount			Recovery	=	88.18%	

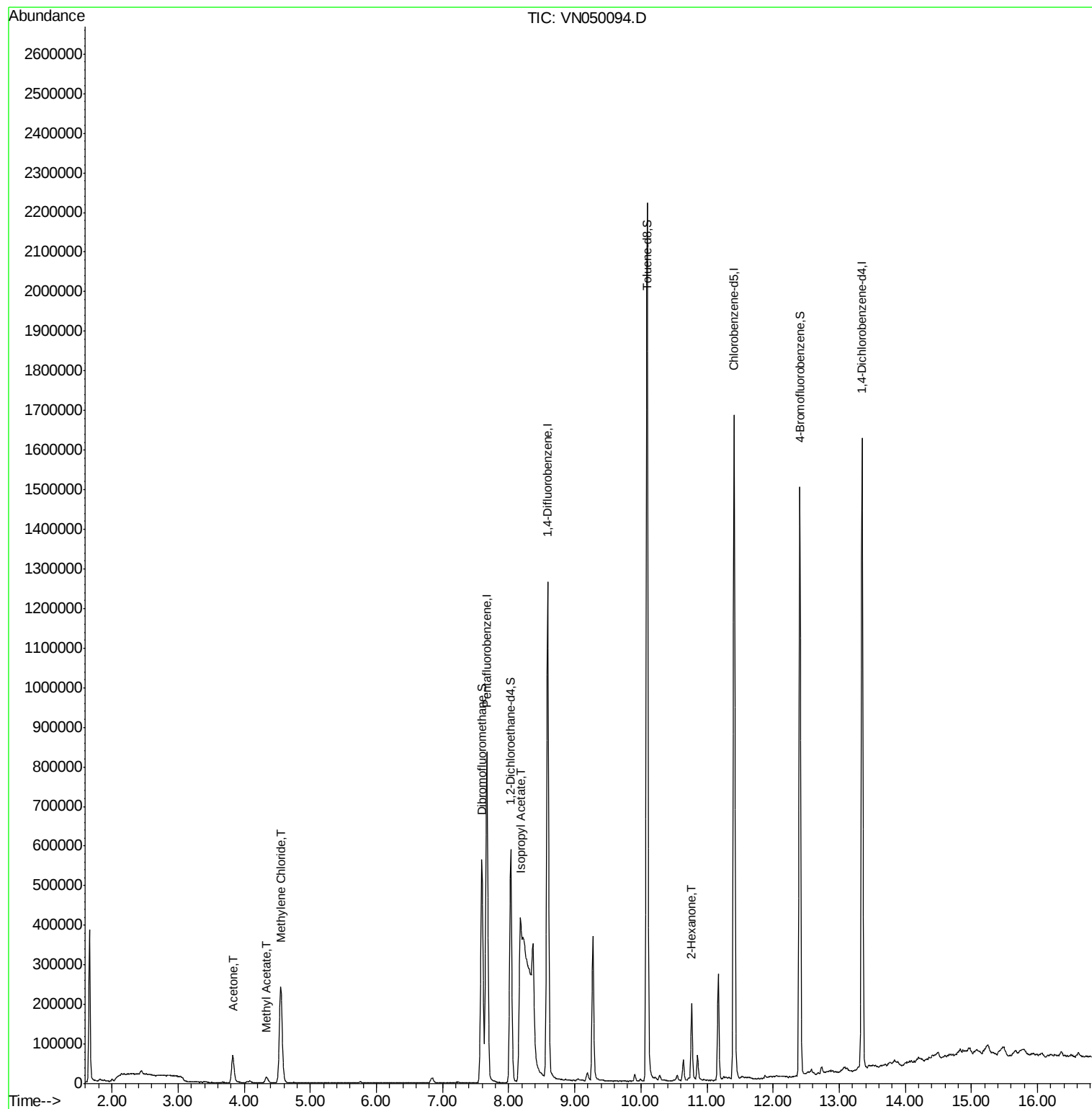
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.83	43	117434	46.67	ug/l	97
18) Methyl Acetate	4.34	43	28787	1.59	ug/l	97
20) Methylene Chloride	4.55	84	189873	20.83	ug/l	99
43) Isopropyl Acetate	8.18	43	553379	31.84	ug/l #	85
59) 2-Hexanone	10.77	43	27276	9.24	ug/l #	54

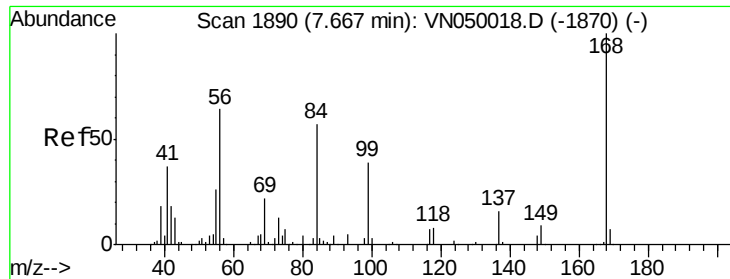
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050094.D

Acq: 26 Jul 2018 20:11

Instrument :

MSVOA_N

ClientSampleId :

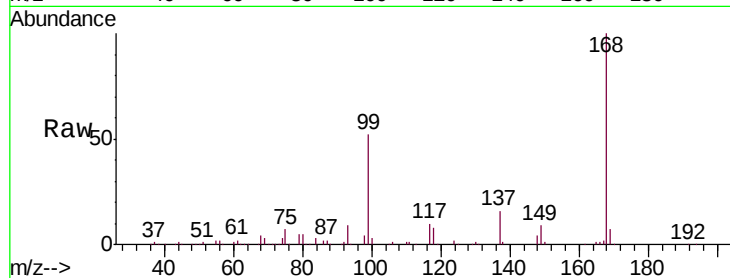
PB111473ZHE#06

Tot Ion:168 Resp: 711736

Ion Ratio Lower Upper

168 100

99 52.1 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

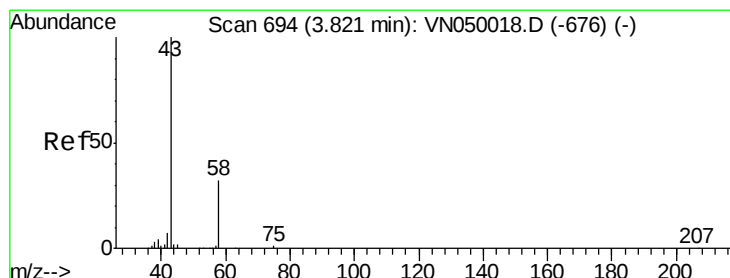
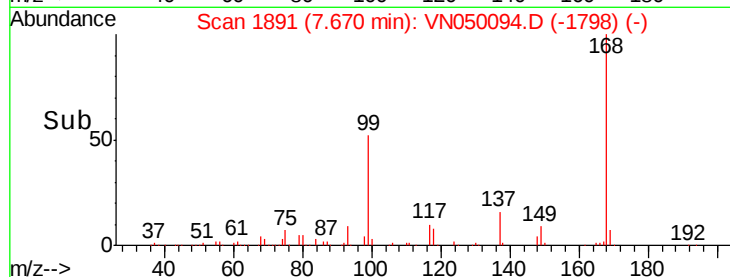
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 46.67 ug/l

RT: 3.83 min Scan# 696

Delta R.T. 0.00 min

Lab File: VN050094.D

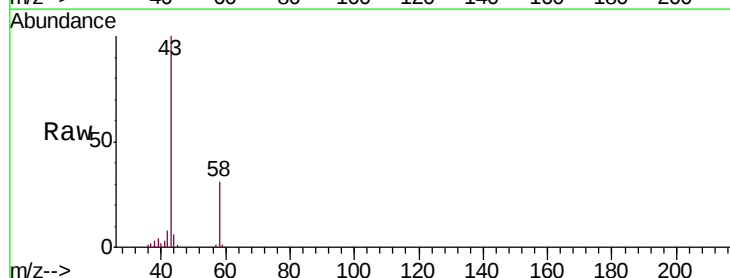
Acq: 26 Jul 2018 20:11

Tgt Ion: 43 Resp: 117434

Ion Ratio Lower Upper

43 100

58 30.9 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

50000

40000

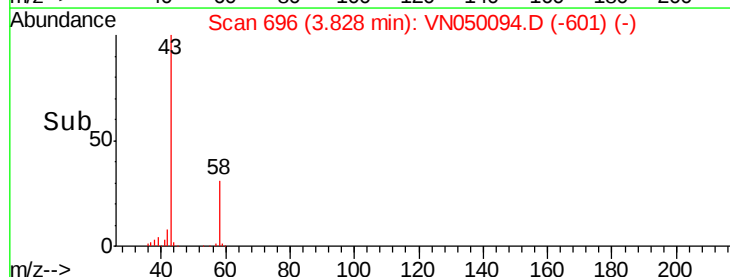
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Time-->

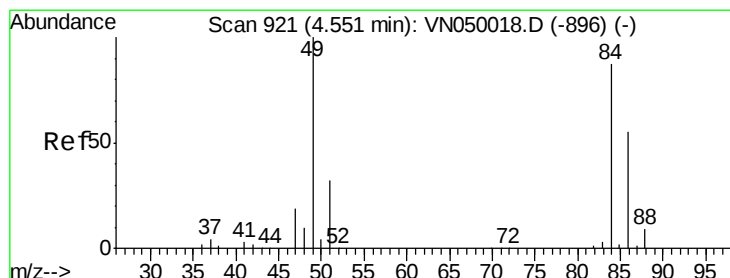
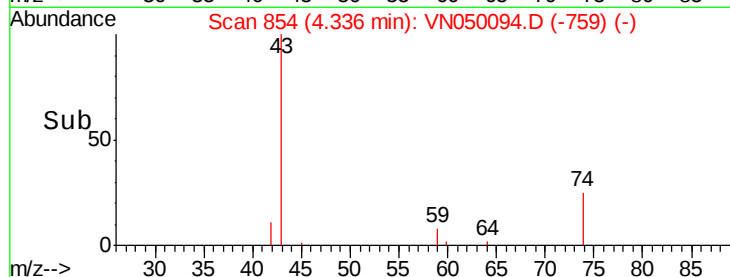
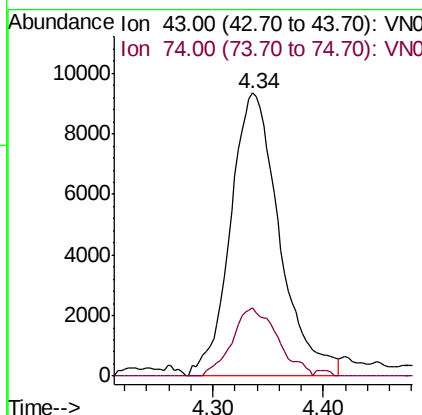
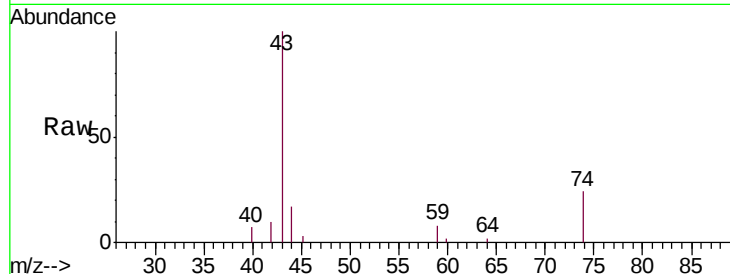




#18
Methvl Acetate
Concen: 1.59 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN050094.D
Acq: 26 Jul 2018 20:11

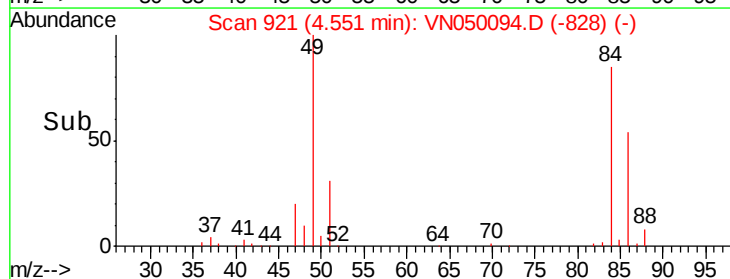
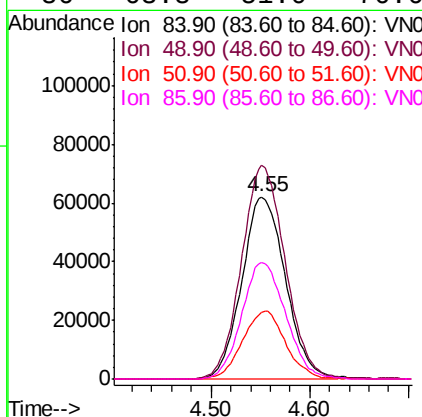
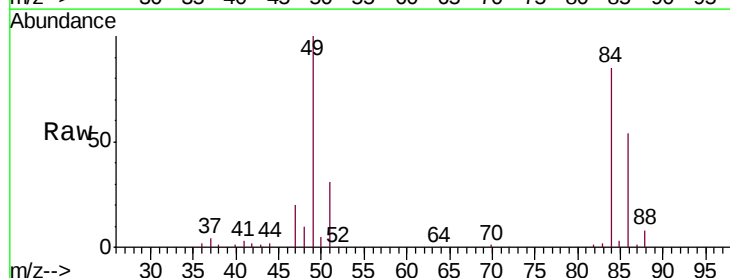
Instrument :
MSVOA_N
ClientSampleId :
PB111473ZHE#06

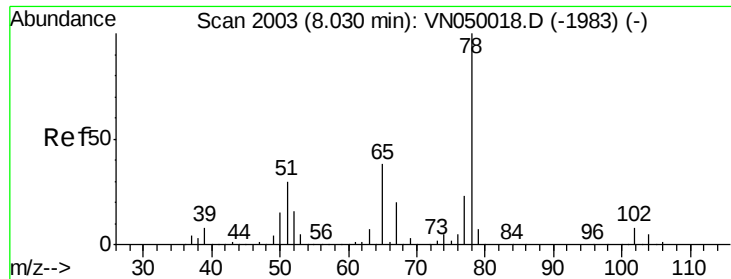
Tot Ion: 43 Resp: 28787
Ion Ratio Lower Upper
43 100
74 22.3 19.2 28.8



#20
Methylene Chloride
Concen: 20.83 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050094.D
Acq: 26 Jul 2018 20:11

Tgt Ion: 84 Resp: 189873
Ion Ratio Lower Upper
84 100
49 117.3 94.8 142.2
51 36.5 28.3 42.5
86 63.8 51.0 76.6

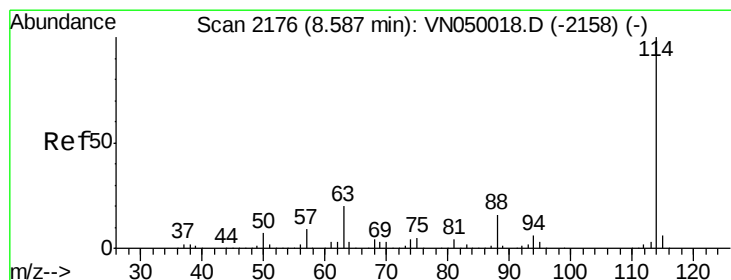
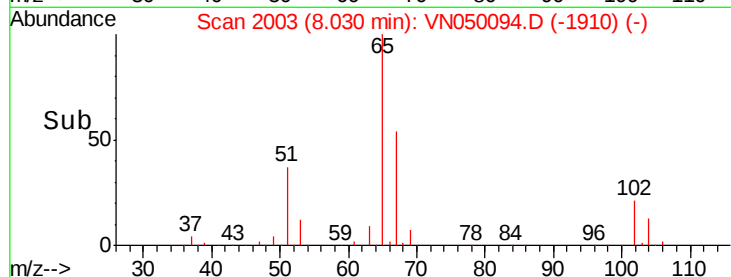
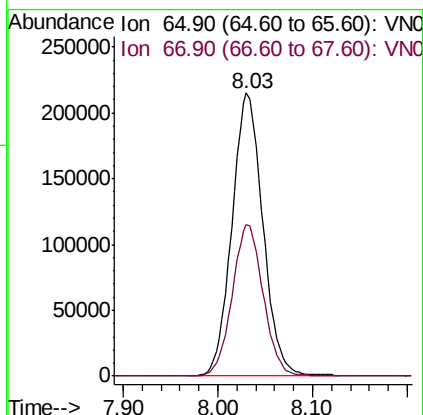
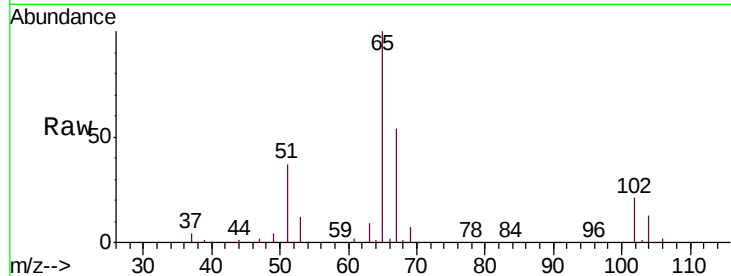




#33
 1,2-Dichloroethane-d4
 Concen: 49.24 ug/l
 RT: 8.03 min Scan# 2003
 Delta R.T. 0.00 min
 Lab File: VN050094.D
 Acq: 26 Jul 2018 20:11

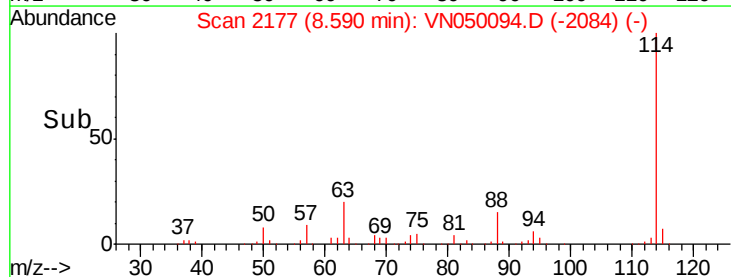
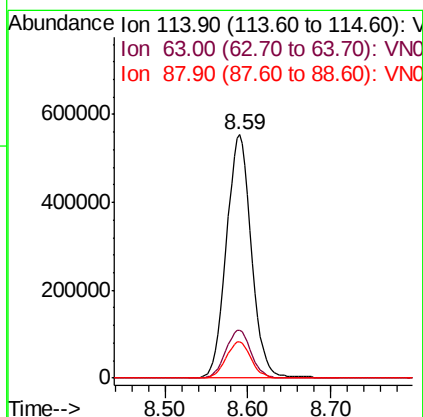
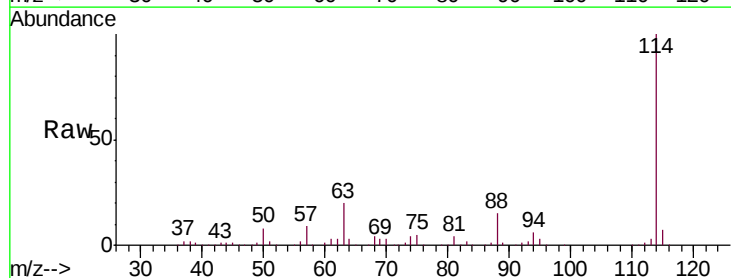
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111473ZHE#06

Tot Ion: 65 Resp: 488974
 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: VN050094.D
 Acq: 26 Jul 2018 20:11

Tgt Ion: 114 Resp: 1159145
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.0
 88 15.1 0.0 31.2

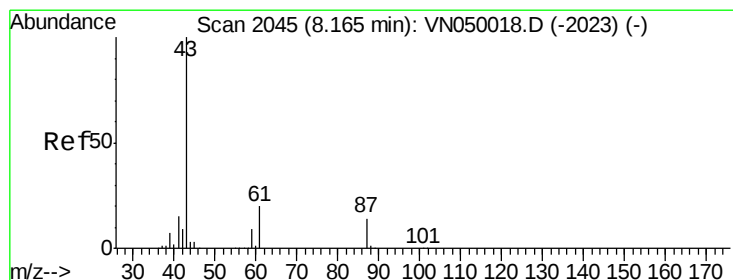
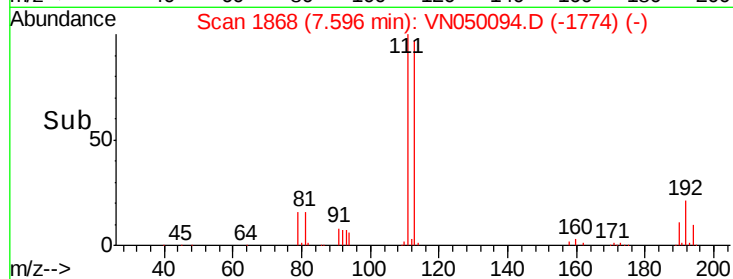
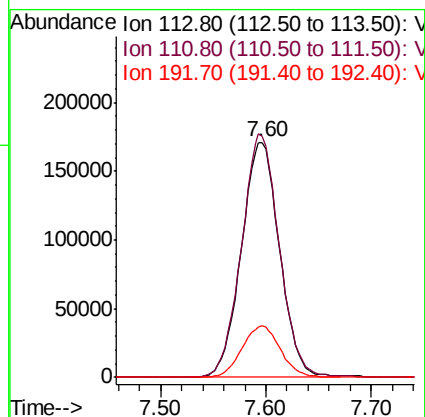
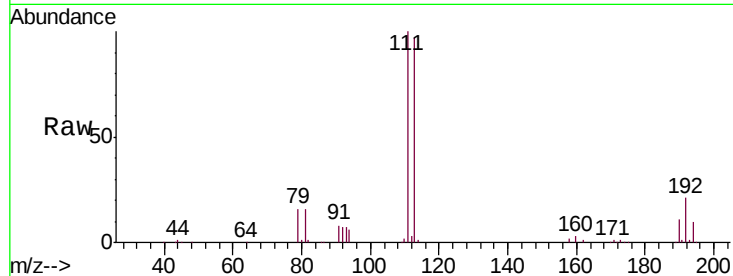




#35
 Dibromofluoromethane
 Concen: 45.49 ug/l
 RT: 7.60 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN050094.D
 Acq: 26 Jul 2018 20:11

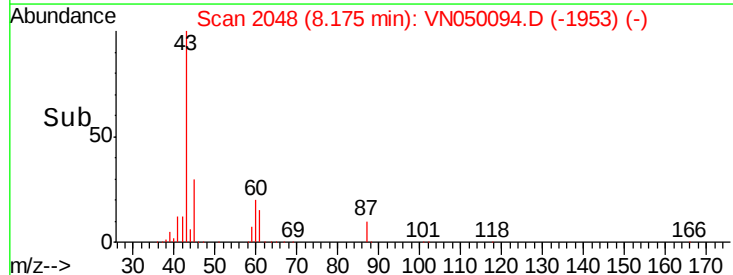
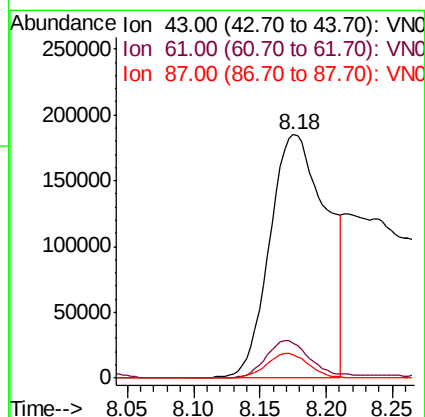
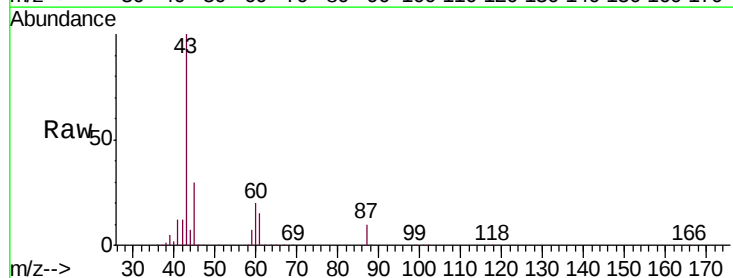
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111473ZHE#06

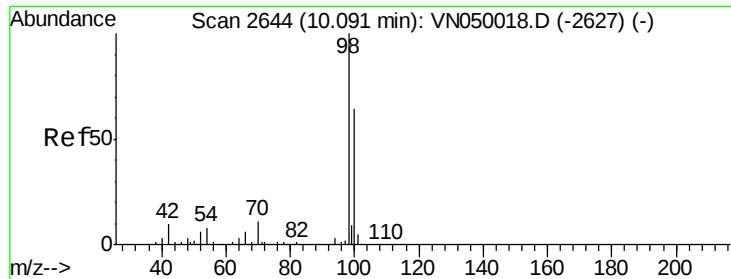
Tot Ion:113 Resp: 430486
 Ion Ratio Lower Upper
 113 100
 111 102.9 80.7 121.1
 192 22.0 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 31.84 ug/l
 RT: 8.18 min Scan# 2048
 Delta R.T. 0.01 min
 Lab File: VN050094.D
 Acq: 26 Jul 2018 20:11

Tgt Ion: 43 Resp: 553379
 Ion Ratio Lower Upper
 43 100
 61 12.2 15.8 23.6#
 87 7.6 10.3 15.5#





#50

Toluene-d8

Concen: 45.86 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050094.D

Acq: 26 Jul 2018 20:11

Instrument :

MSVOA_N

ClientSampleId :

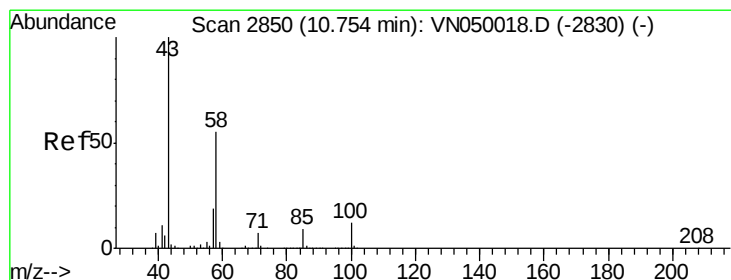
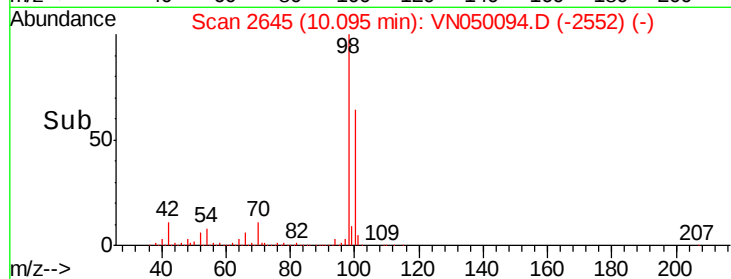
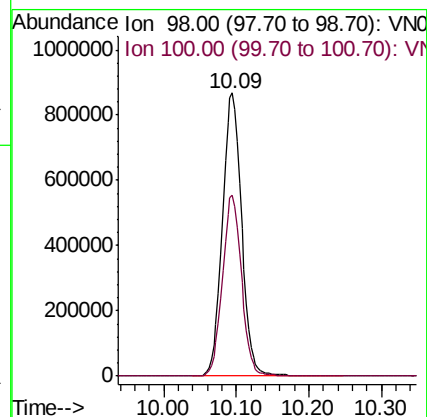
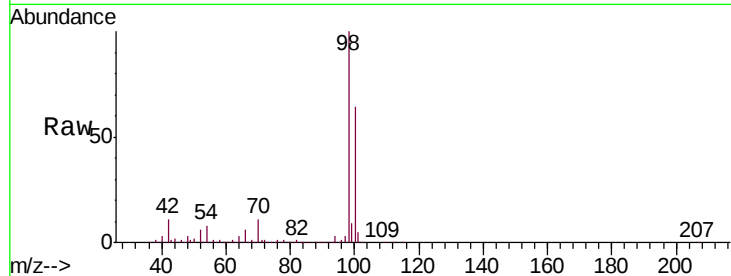
PB111473ZHE#06

Tot Ion: 98 Resp: 1595547

Ion Ratio Lower Upper

98 100

100 63.5 50.7 76.1



#59

2-Hexanone

Concen: 9.24 ug/l

RT: 10.77 min Scan# 2855

Delta R.T. 0.02 min

Lab File: VN050094.D

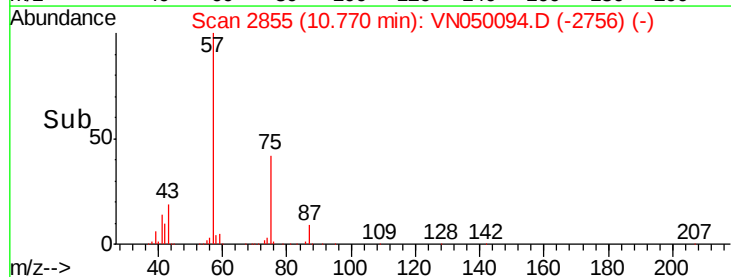
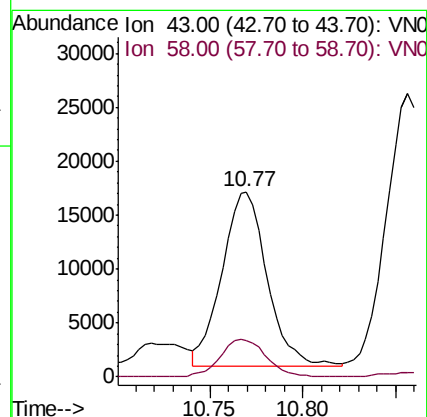
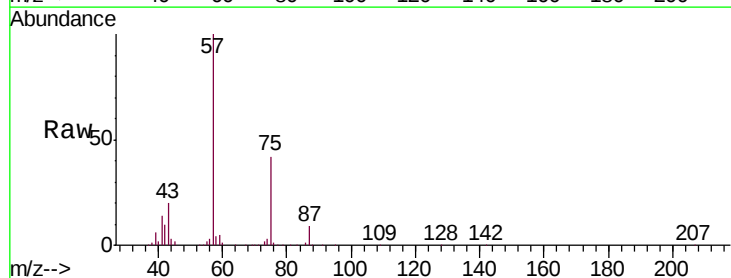
Acq: 26 Jul 2018 20:11

Tgt Ion: 43 Resp: 27276

Ion Ratio Lower Upper

43 100

58 22.0 27.6 82.7#





#62

4-Bromofluorobenzene

Concen: 44.09 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050094.D

Acq: 26 Jul 2018 20:11

Instrument :

MSVOA_N

ClientSampleId :

PB111473ZHE#06

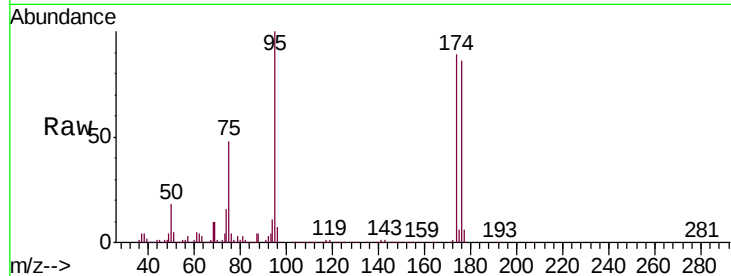
Tot Ion: 95 Resp: 505169

Ion Ratio Lower Upper

95 100

174 89.3 0.0 178.2

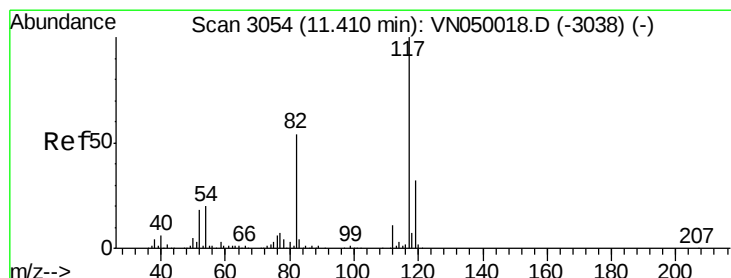
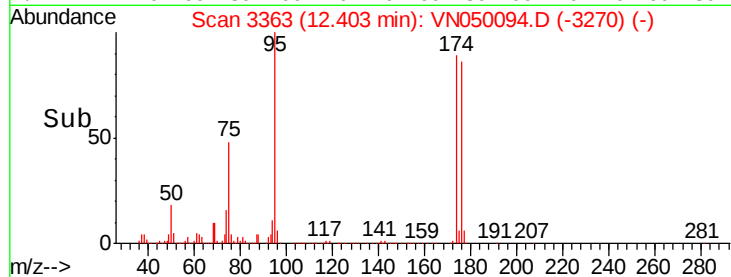
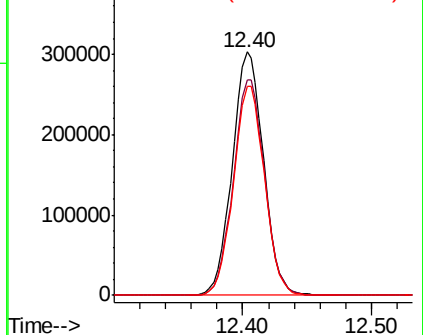
176 85.9 0.0 173.4



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: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN050094.D

Acq: 26 Jul 2018 20:11

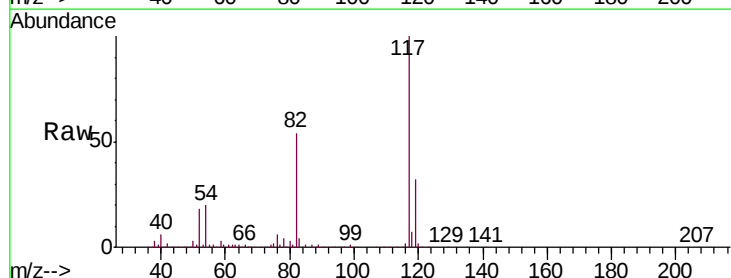
Tgt Ion: 117 Resp: 1015338

Ion Ratio Lower Upper

117 100

82 53.6 43.7 65.5

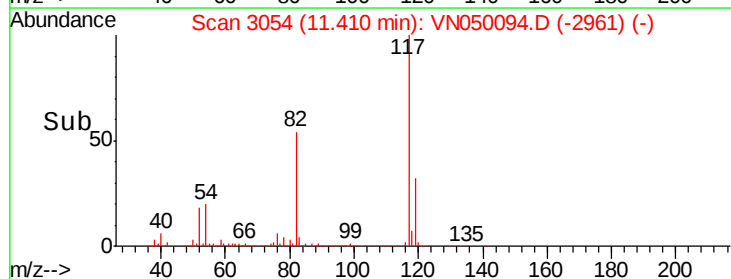
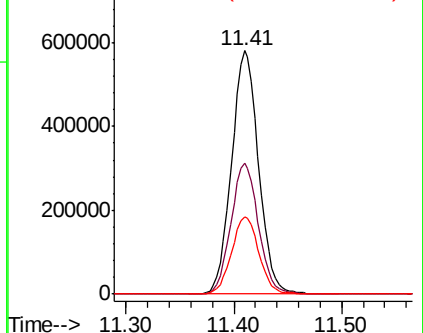
119 32.0 26.1 39.1

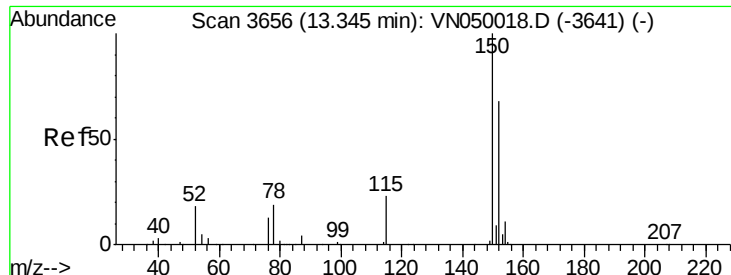


Abundance Ion 116.90 (116.60 to 117.60): VN050018.D (-3038) (-)

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: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN050094.D

Acq: 26 Jul 2018 20:11

Instrument :

MSVOA_N

ClientSampleId :

PB111473ZHE#06

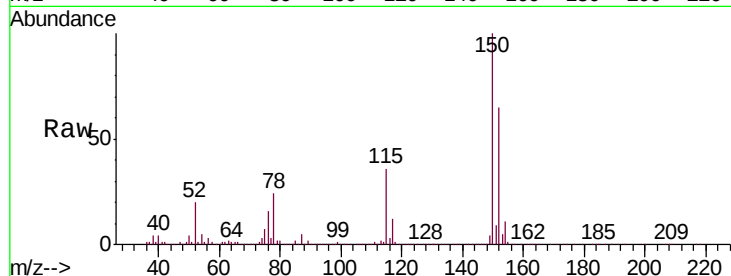
Tot Ion:152 Resp: 448637

Ion Ratio Lower Upper

152 100

115 56.1 27.8 83.3

150 154.4 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

