

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072618\
 Data File : VN050095.D
 Acq On : 26 Jul 2018 20:36
 Operator : MD\SY
 Sample : PB111473ZHE#07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB111473ZHE#07

Quant Time: Jul 27 03:56:04 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	697826	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1130026	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	959369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	384774	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	475788	48.87	ug/l	0.00
Spiked Amount			Recovery	=	97.74%	
35) Dibromofluoromethane	7.59	113	415828	45.07	ug/l	0.00
Spiked Amount			Recovery	=	90.14%	
50) Toluene-d8	10.09	98	1542154	45.46	ug/l	0.00
Spiked Amount			Recovery	=	90.92%	
62) 4-Bromofluorobenzene	12.40	95	459088	41.10	ug/l	0.00
Spiked Amount			Recovery	=	82.20%	

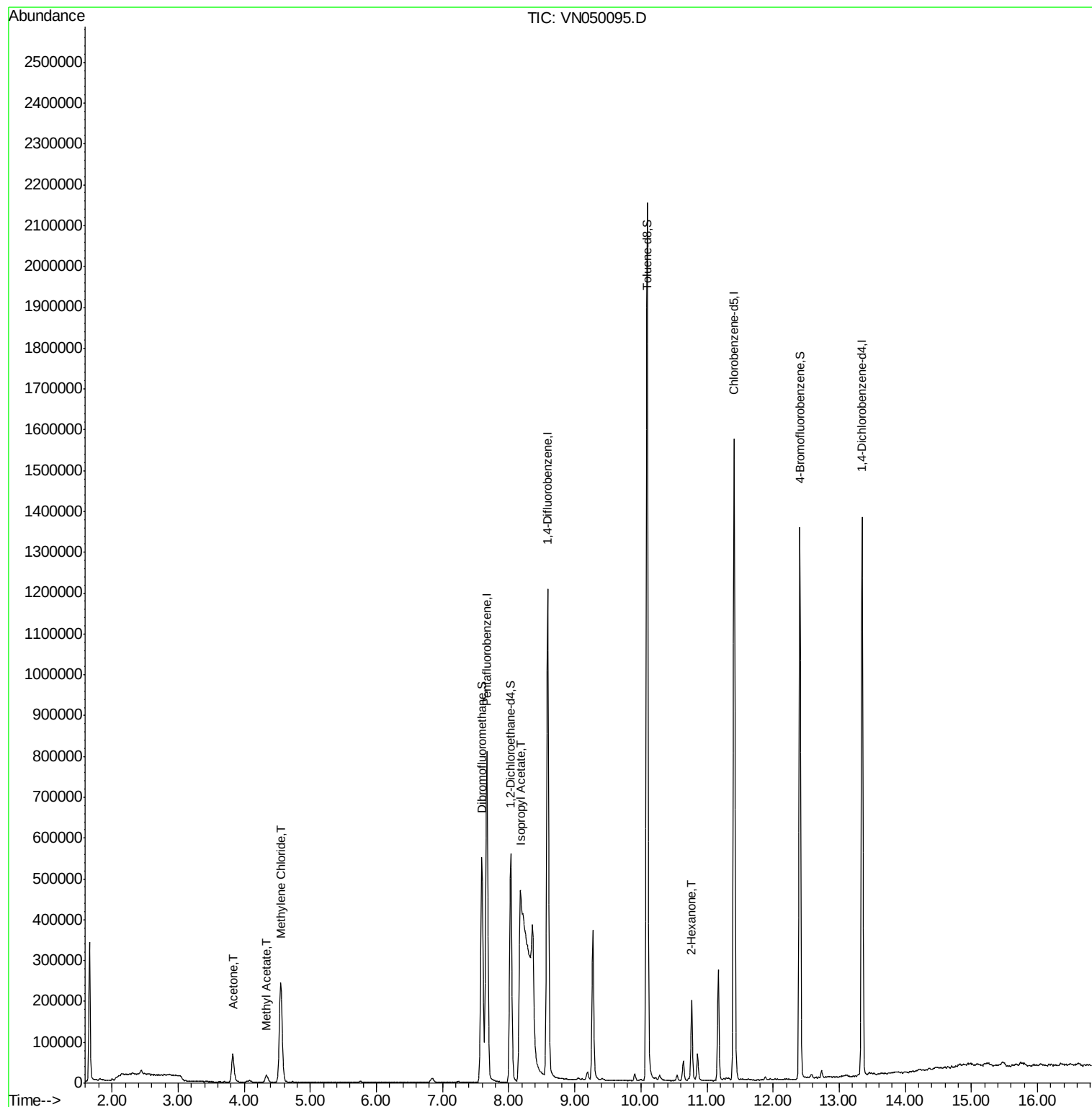
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.82	43	114653	46.46	ug/l	99
18) Methyl Acetate	4.34	43	33698	2.22	ug/l	99
20) Methylene Chloride	4.55	84	189578	21.24	ug/l	99
43) Isopropyl Acetate	8.18	43	1291609	77.85	ug/l #	72
59) 2-Hexanone	10.77	43	28052	9.46	ug/l #	53

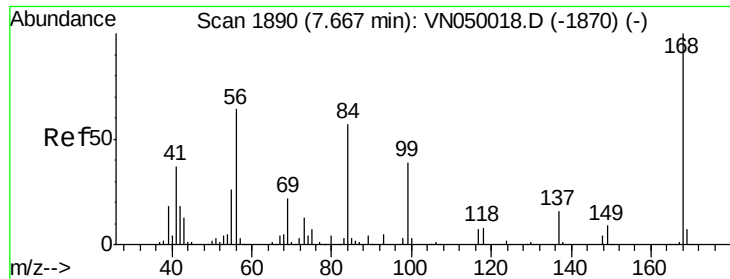
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN072618\
Data File : VN050095.D
Acq On : 26 Jul 2018 20:36
Operator : MD\SY
Sample : PB111473ZHE#07
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB111473ZHE#07

Quant Time: Jul 27 03:56:04 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
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: VN050095.D

Acq: 26 Jul 2018 20:36

Instrument :

MSVOA_N

ClientSampleId :

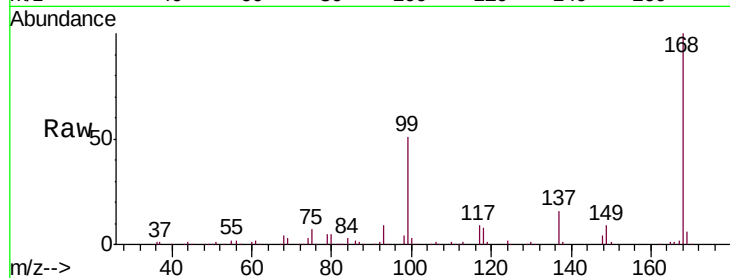
PB111473ZHE#07

Tot Ion:168 Resp: 697826

Ion Ratio Lower Upper

168 100

99 51.4 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

300000

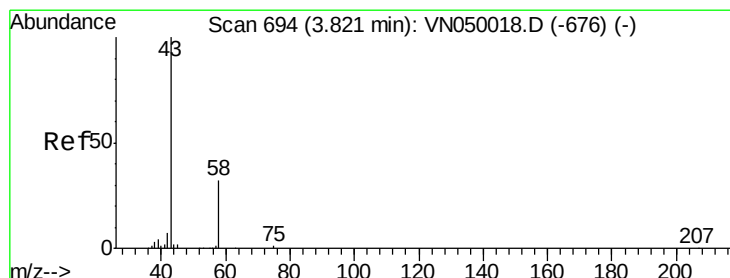
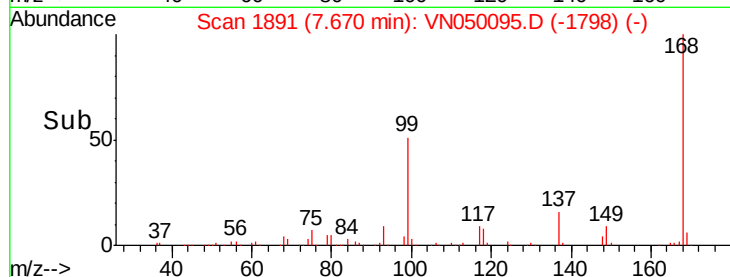
200000

100000

0

Time-->

7.60 7.70 7.80



#16

Acetone

Concen: 46.46 ug/l

RT: 3.82 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN050095.D

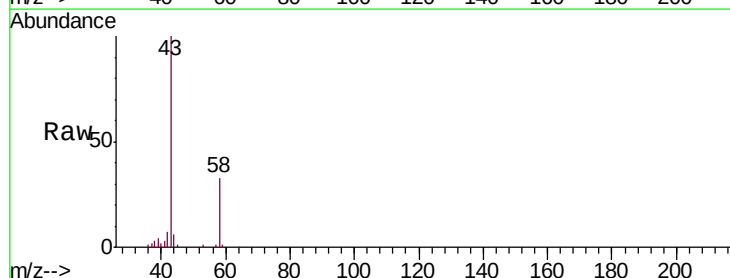
Acq: 26 Jul 2018 20:36

Tgt Ion: 43 Resp: 114653

Ion Ratio Lower Upper

43 100

58 32.9 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) (-)

3.82

50000

40000

30000

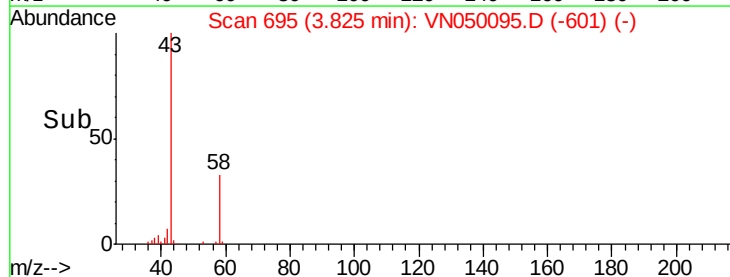
20000

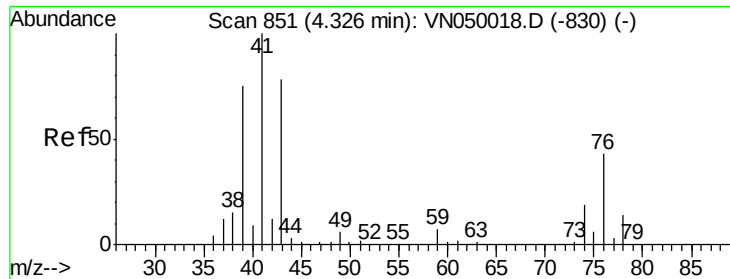
10000

0

Time-->

3.70 3.80 3.90

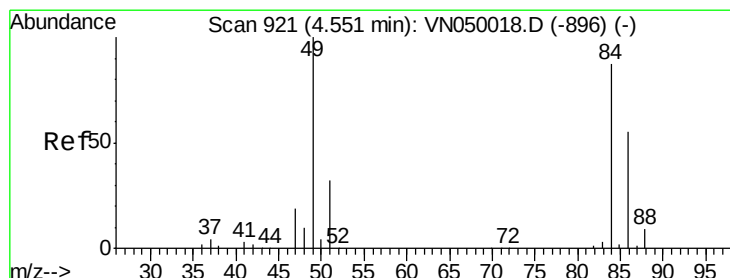
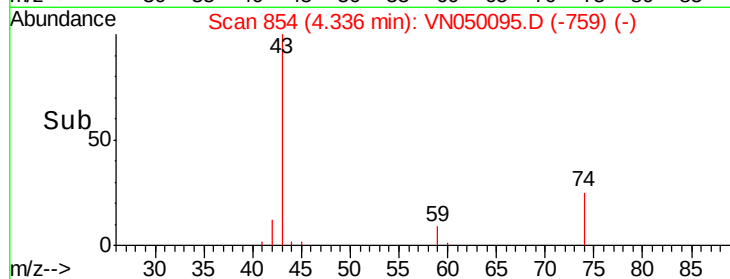
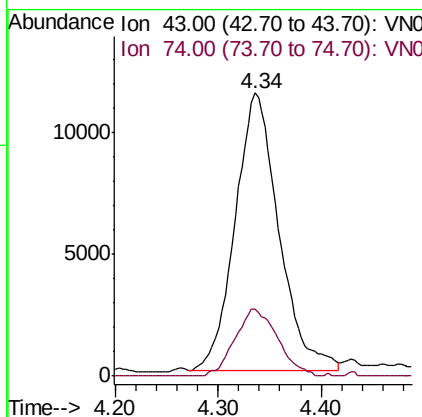
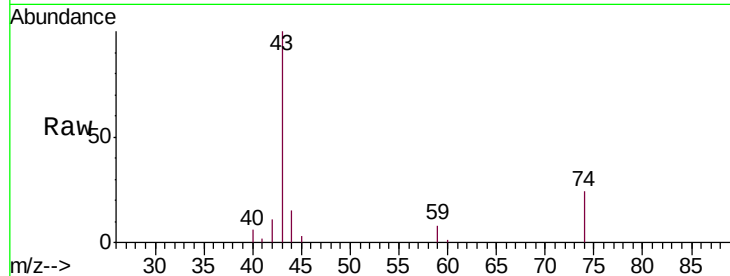




#18
Methyl Acetate
Concen: 2.22 ug/l
RT: 4.34 min Scan# 854
Delta R.T. 0.00 min
Lab File: VN050095.D
Acq: 26 Jul 2018 20:36

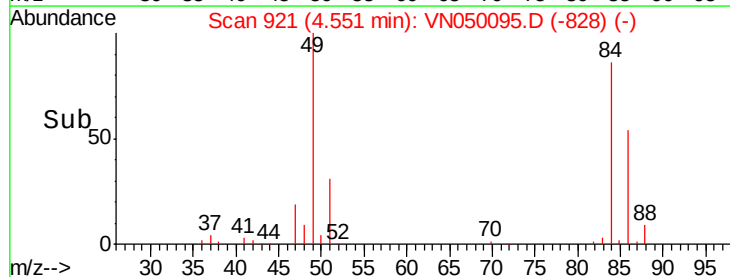
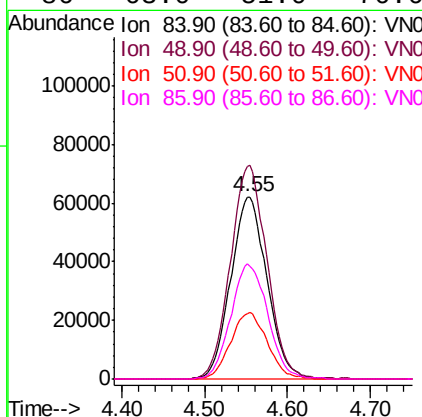
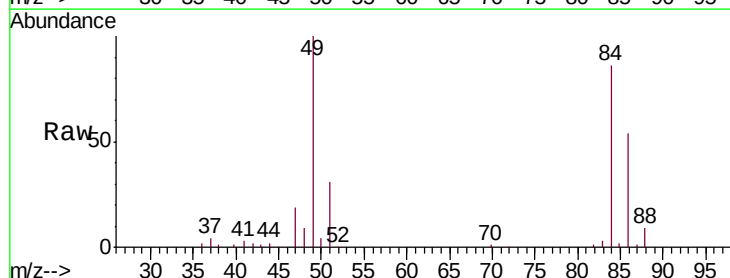
Instrument :
MSVOA_N
ClientSampleId :
PB111473ZHE#07

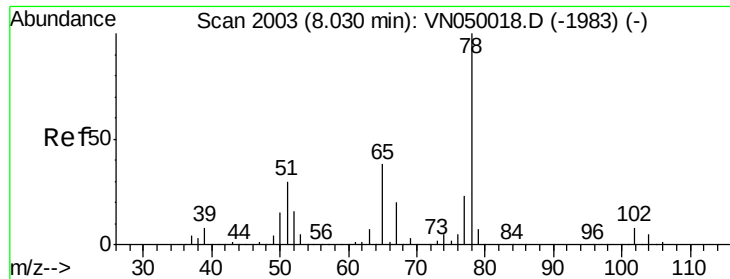
Tot Ion: 43 Resp: 33698
Ion Ratio Lower Upper
43 100
74 23.5 19.2 28.8



#20
Methylene Chloride
Concen: 21.24 ug/l
RT: 4.55 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN050095.D
Acq: 26 Jul 2018 20:36

Tgt Ion: 84 Resp: 189578
Ion Ratio Lower Upper
84 100
49 116.9 94.8 142.2
51 36.2 28.3 42.5
86 63.0 51.0 76.6





#33

1,2-Dichloroethane-d4

Concen: 48.87 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050095.D

Acq: 26 Jul 2018 20:36

Instrument :

MSVOA_N

ClientSampleId :

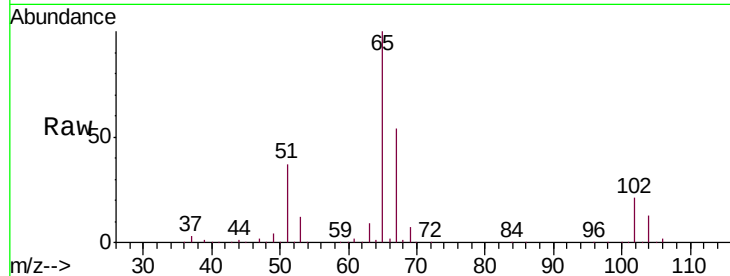
PB111473ZHE#07

Tot Ion: 65 Resp: 475788

Ion Ratio Lower Upper

65 100

67 53.5 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

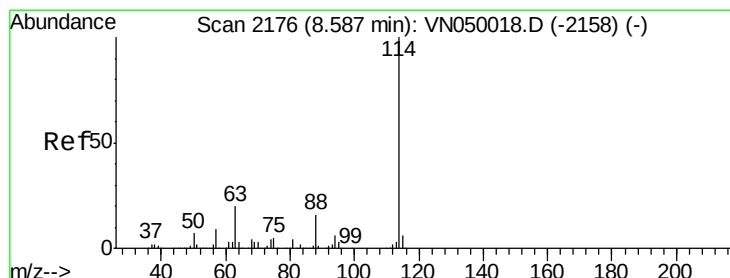
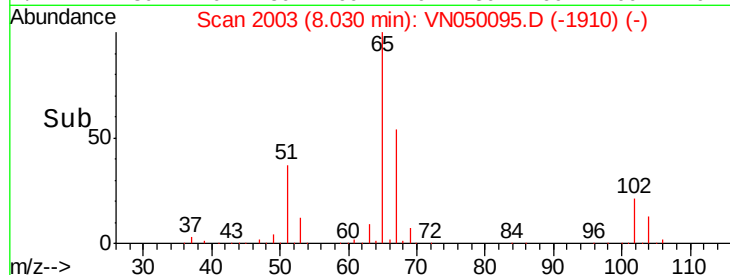
150000

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: VN050095.D

Acq: 26 Jul 2018 20:36

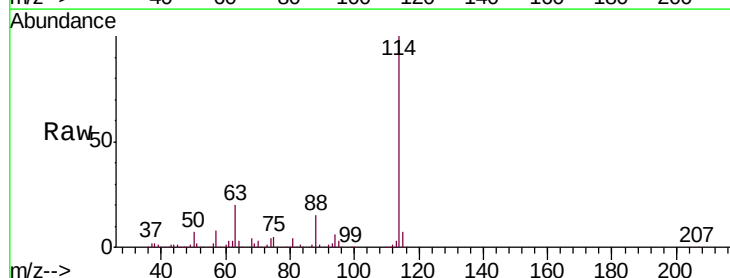
Tgt Ion: 114 Resp: 1130026

Ion Ratio Lower Upper

114 100

63 19.8 0.0 40.0

88 15.3 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

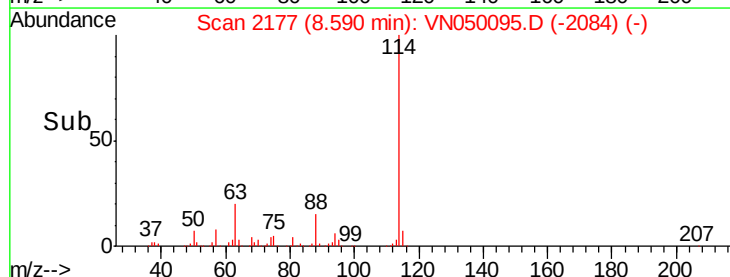
600000

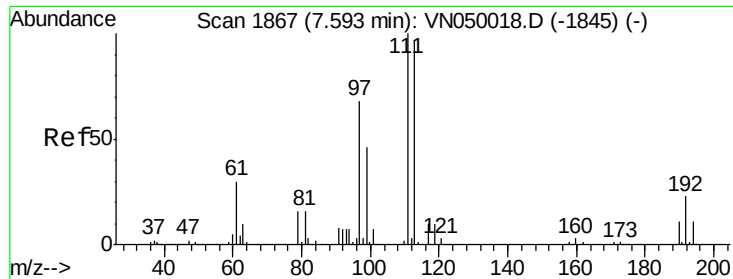
400000

200000

0

Time-->

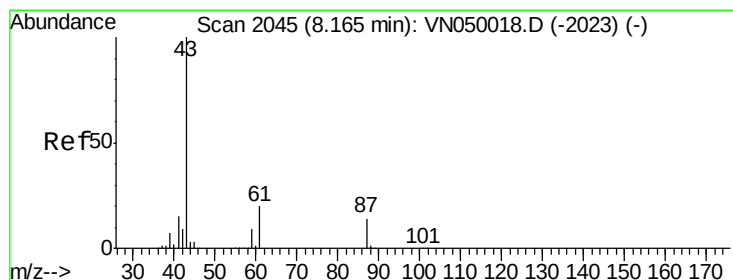
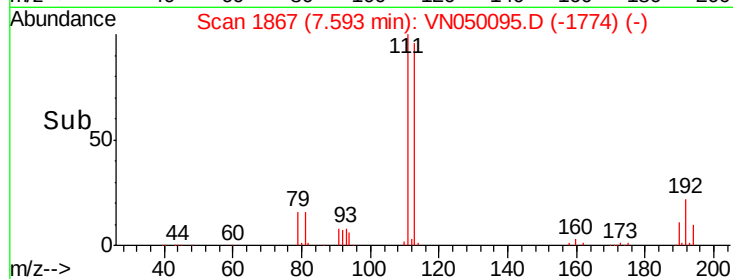
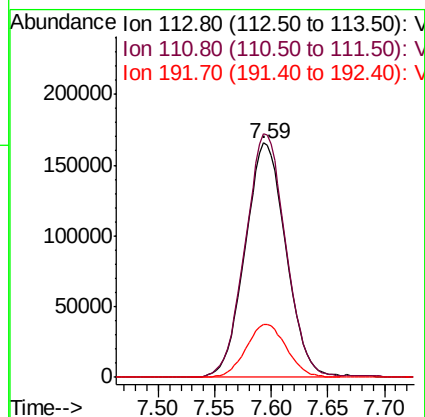
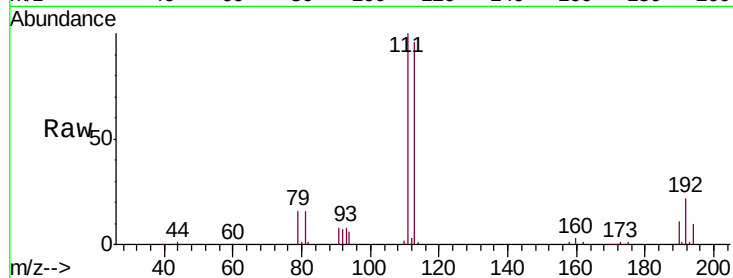




#35
 Dibromofluoromethane
 Concen: 45.07 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN050095.D
 Acq: 26 Jul 2018 20:36

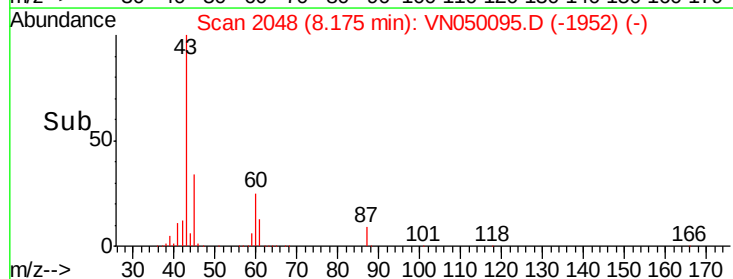
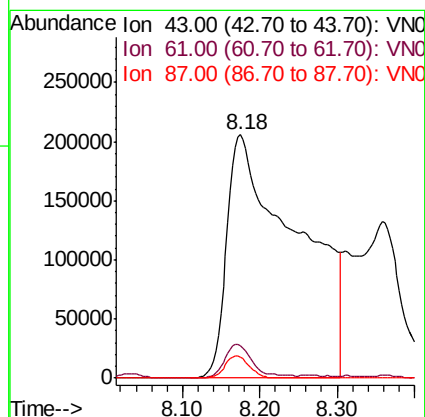
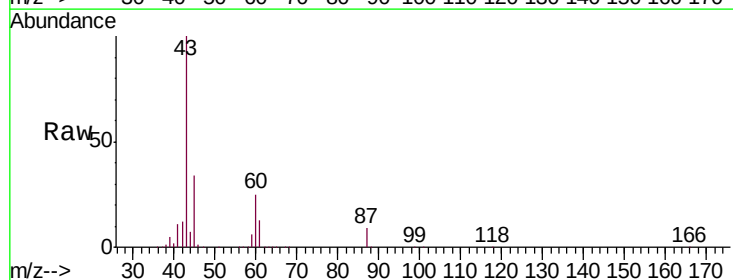
Instrument :
 MSVOA_N
 ClientSampleId :
 PB111473ZHE#07

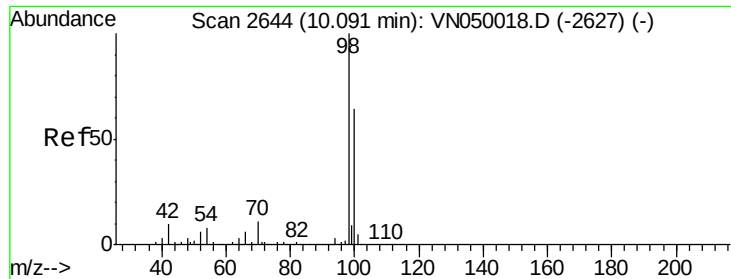
Tot Ion:113 Resp: 415828
 Ion Ratio Lower Upper
 113 100
 111 103.5 80.7 121.1
 192 22.5 17.8 26.6



#43
 Isopropyl Acetate
 Concen: 77.85 ug/l
 RT: 8.18 min Scan# 2048
 Delta R.T. 0.01 min
 Lab File: VN050095.D
 Acq: 26 Jul 2018 20:36

Tgt Ion: 43 Resp: 1291609
 Ion Ratio Lower Upper
 43 100
 61 5.7 15.8 23.6#
 87 3.3 10.3 15.5#

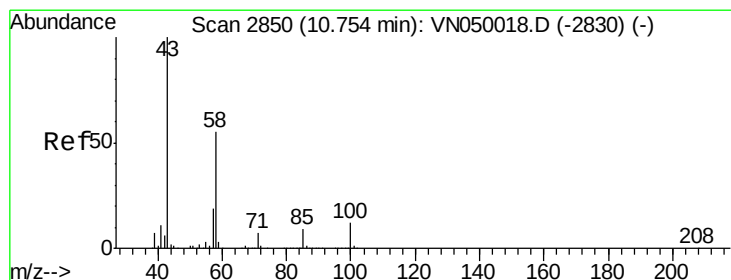
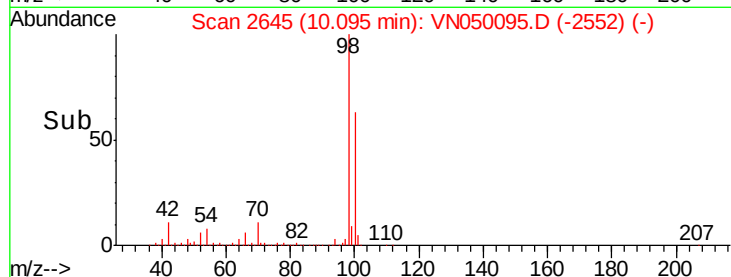
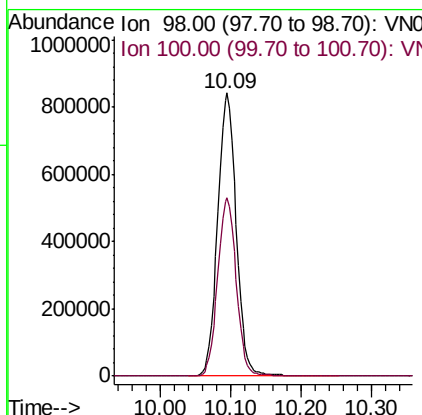
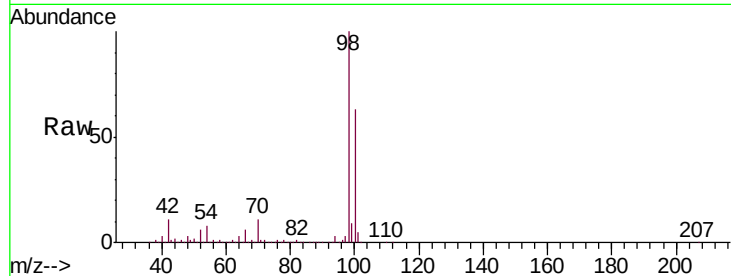




#50
Toluene-d8
Concen: 45.46 ug/l
RT: 10.09 min Scan# 2645
Delta R.T. 0.00 min
Lab File: VN050095.D
Acq: 26 Jul 2018 20:36

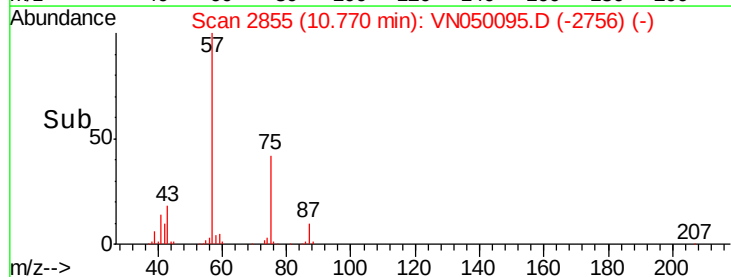
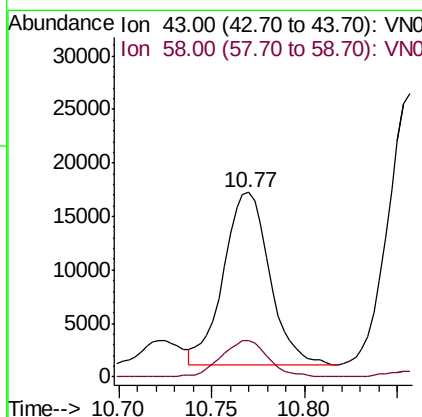
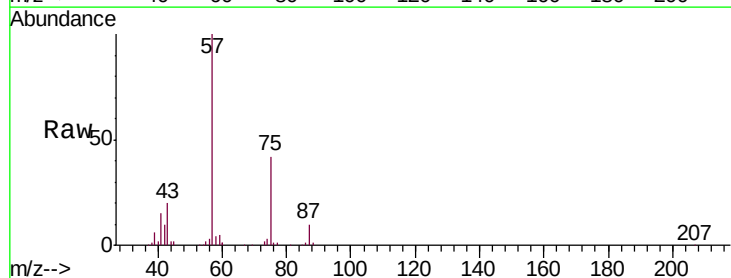
Instrument :
MSVOA_N
ClientSampleId :
PB111473ZHE#07

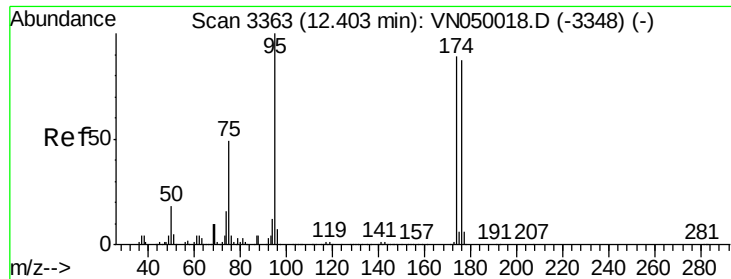
Tot Ion: 98 Resp: 1542154
Ion Ratio Lower Upper
98 100
100 63.2 50.7 76.1



#59
2-Hexanone
Concen: 9.46 ug/l
RT: 10.77 min Scan# 2855
Delta R.T. 0.02 min
Lab File: VN050095.D
Acq: 26 Jul 2018 20:36

Tgt Ion: 43 Resp: 28052
Ion Ratio Lower Upper
43 100
58 21.3 27.6 82.7#





#62

4-Bromofluorobenzene

Concen: 41.10 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050095.D

Acq: 26 Jul 2018 20:36

Instrument :

MSVOA_N

ClientSampleId :

PB111473ZHE#07

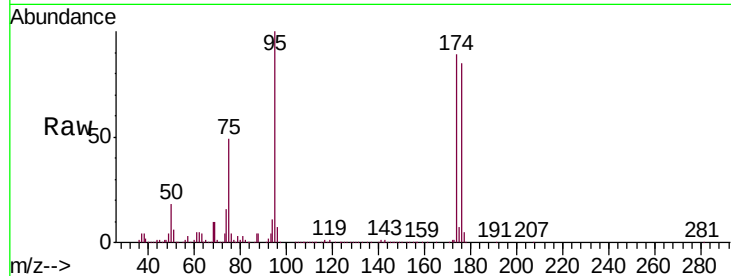
Tot Ion: 95 Resp: 459088

Ion Ratio Lower Upper

95 100

174 90.1 0.0 178.2

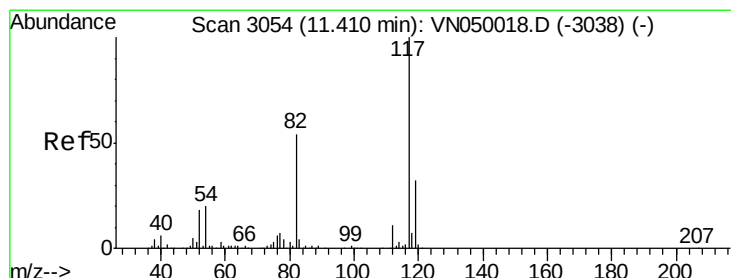
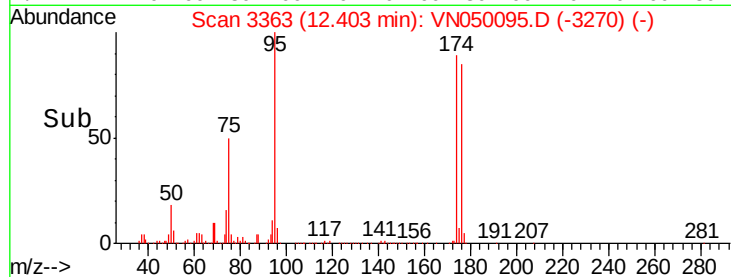
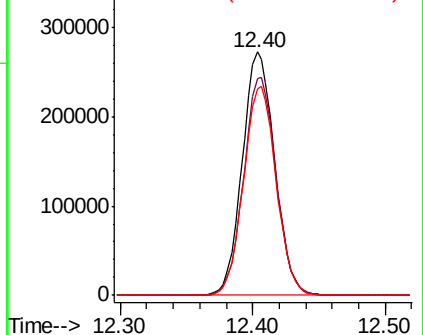
176 86.8 0.0 173.4



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: VN050095.D

Acq: 26 Jul 2018 20:36

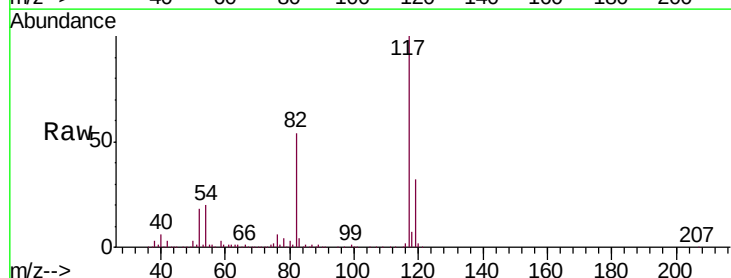
Tgt Ion: 117 Resp: 959369

Ion Ratio Lower Upper

117 100

82 54.3 43.7 65.5

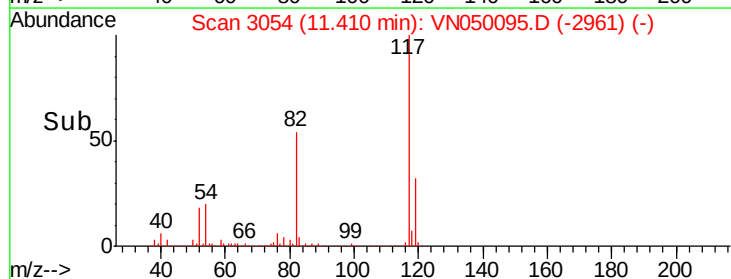
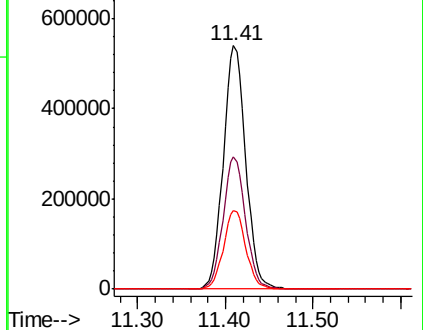
119 32.3 26.1 39.1

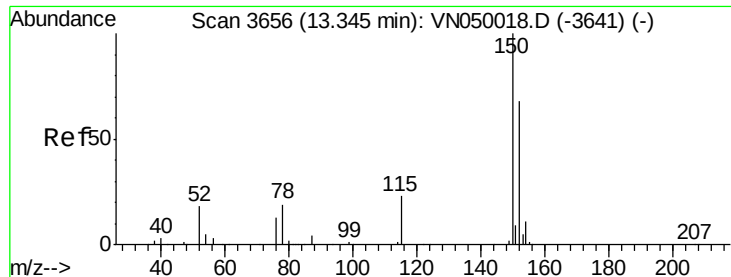


Abundance Ion 116.90 (116.60 to 117.60): VN050018.D (-3038) (-)

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# 3657

Delta R.T. 0.00 min

Lab File: VN050095.D

Acq: 26 Jul 2018 20:36

Instrument :

MSVOA_N

ClientSampleId :

PB111473ZHE#07

Tot Ion:152 Resp: 384774

Ion Ratio Lower Upper

152 100

115 56.7 27.8 83.3

150 156.8 0.0 348.6

