

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092718\
 Data File : VN051591.D
 Acq On : 27 Sep 2018 18:54
 Operator : MD\SY
 Sample : PB113263ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113263ZHE#03

Quant Time: Sep 28 02:06:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 24 06:41:32 2018
 Response via : Initial Calibration

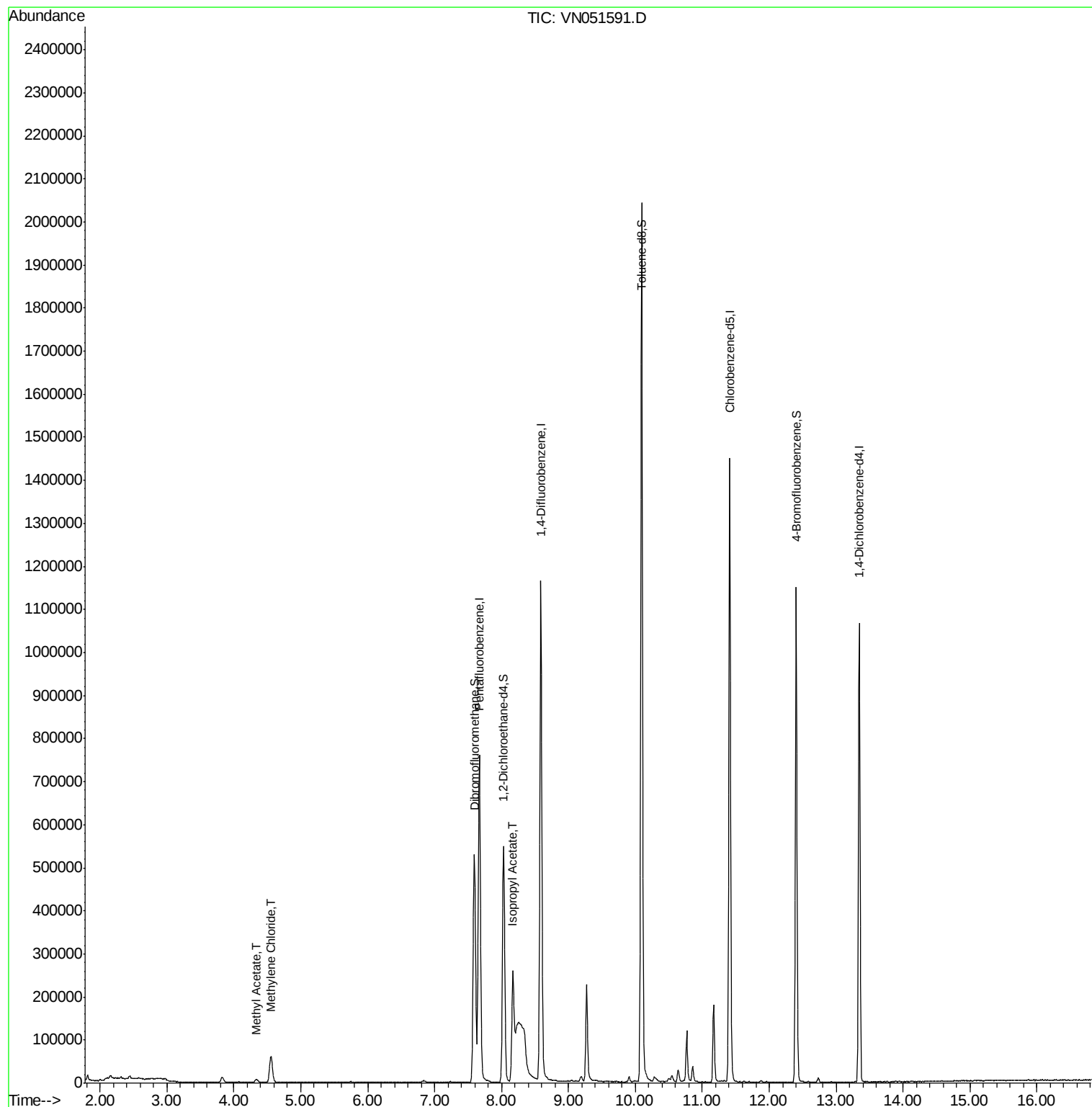
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	641565	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1071403	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	889592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	298907	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	473240	58.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.76%	
35) Dibromofluoromethane	7.59	113	404319	47.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.38%	
50) Toluene-d8	10.09	98	1480865	45.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.80%	
62) 4-Bromofluorobenzene	12.40	95	388201	37.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.40%	
Target Compounds						
18) Methyl Acetate	4.34	43	14395	2.352	ug/l	93
20) Methylene Chloride	4.55	84	45344	5.702	ug/l	98
43) Isopropyl Acetate	8.17	43	329212	25.521	ug/l #	92

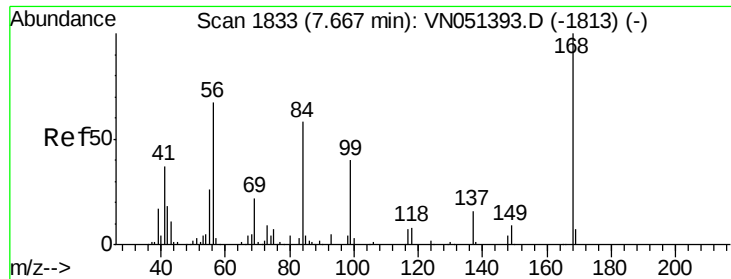
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051591.D

Acq: 27 Sep 2018 18:54

Instrument :

MSVOA_N

ClientSampleId :

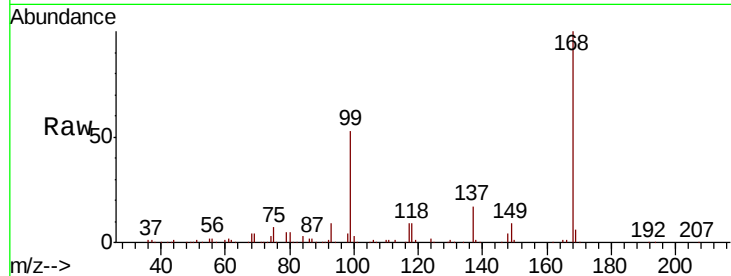
PB113263ZHE#03

Tot Ion:168 Resp: 641565

Ion Ratio Lower Upper

168 100

99 52.6 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN051591.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN051591.D (-1740) (-)

7.67

250000

200000

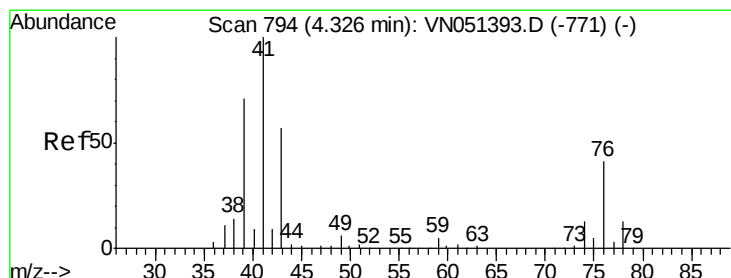
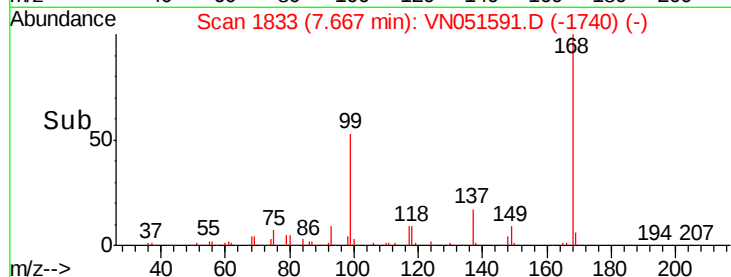
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 2.352 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN051591.D

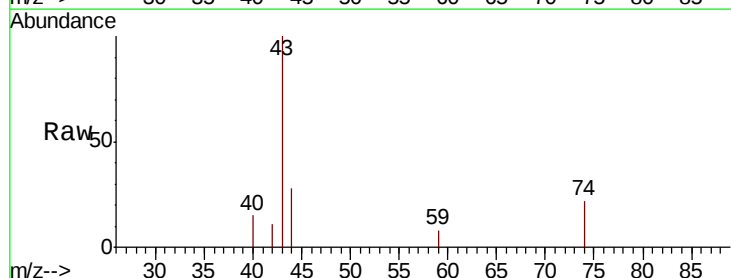
Acq: 27 Sep 2018 18:54

Tgt Ion: 43 Resp: 14395

Ion Ratio Lower Upper

43 100

74 20.2 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VN051591.D (-701) (-)

Ion 74.00 (73.70 to 74.70): VN051591.D (-701) (-)

4.34

5000

4000

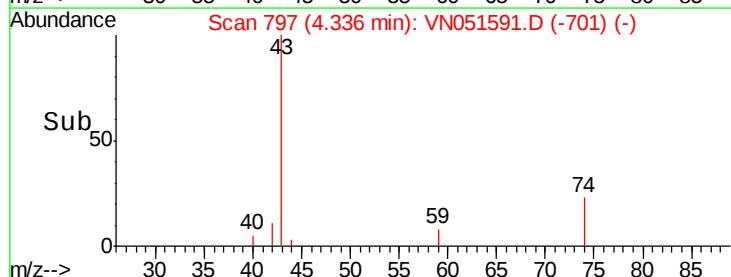
3000

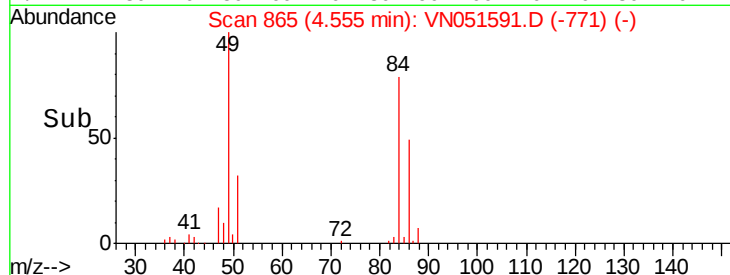
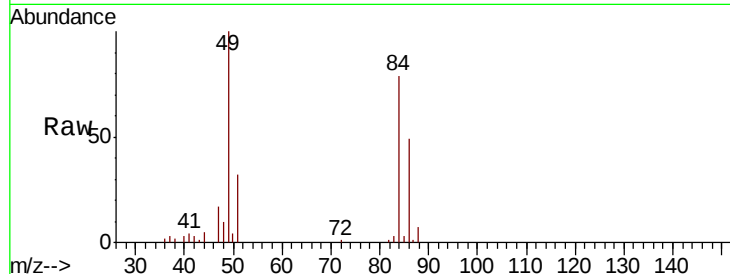
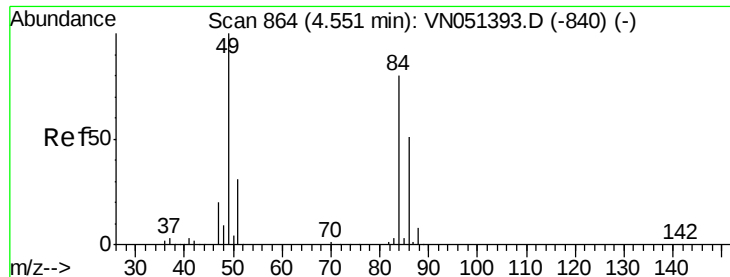
2000

1000

0

Time-->

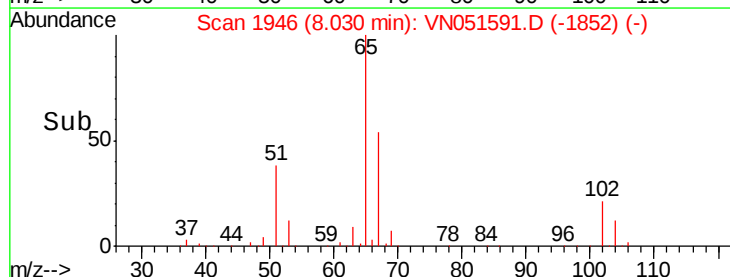
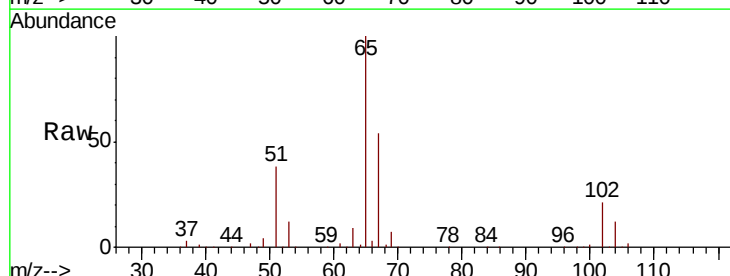
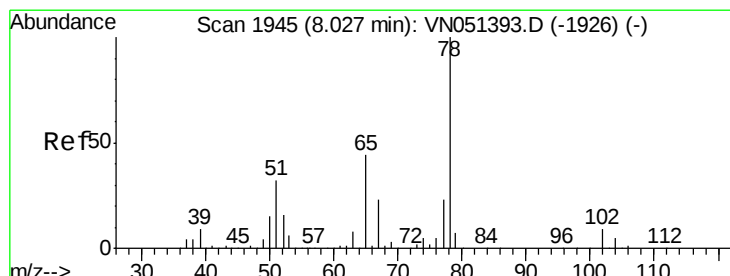
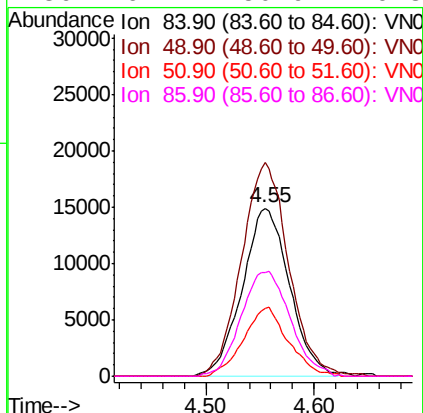




#20
Methvlene Chloride
Concen: 5.702 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051591.D
Acq: 27 Sep 2018 18:54

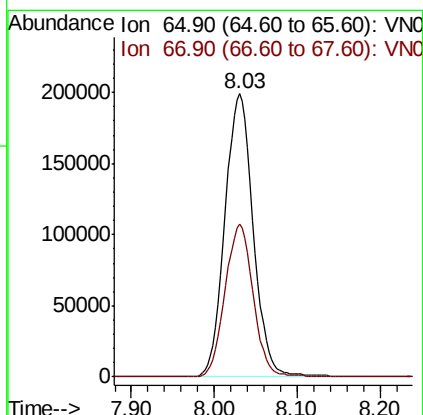
Instrument :
MSVOA_N
ClientSampleId :
PB113263ZHE#03

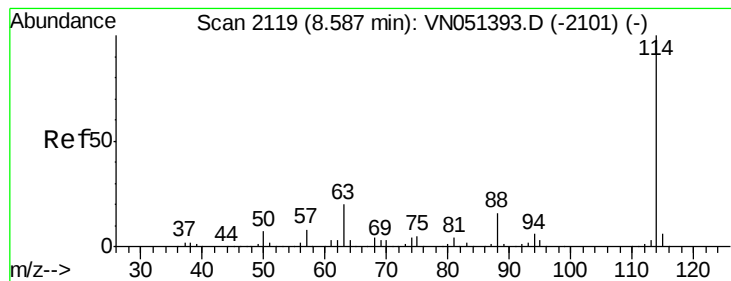
Tot Ion: 84 Resp: 45344
Ion Ratio Lower Upper
84 100
49 127.2 99.9 149.9
51 40.6 31.4 47.2
86 62.1 50.9 76.3



#33
1,2-Dichloroethane-d4
Concen: 58.884 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051591.D
Acq: 27 Sep 2018 18:54

Tgt Ion: 65 Resp: 473240
Ion Ratio Lower Upper
65 100
67 53.7 0.0 107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN051591.D

Acq: 27 Sep 2018 18:54

Instrument :

MSVOA_N

ClientSampleId :

PB113263ZHE#03

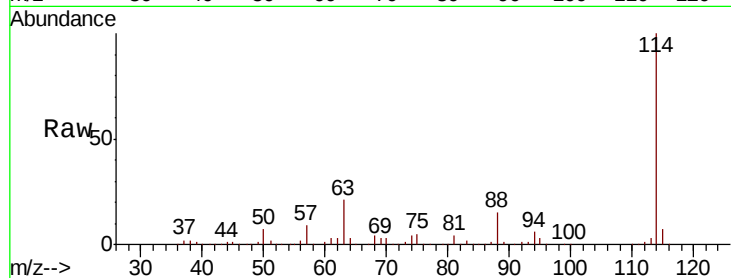
Tot Ion:114 Resp: 1071403

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.2

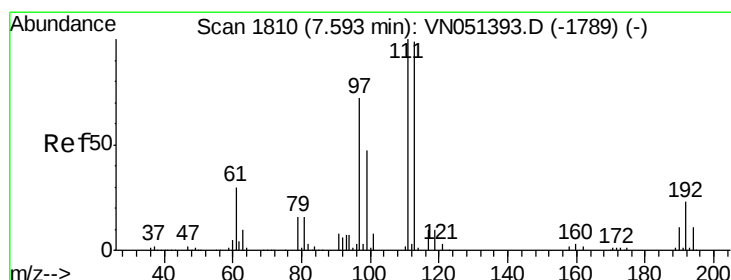
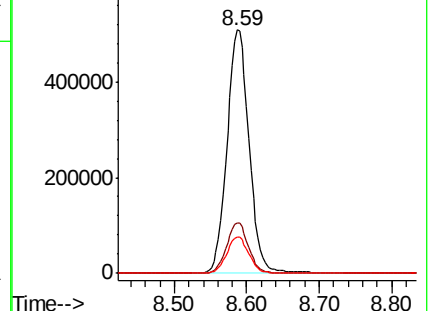
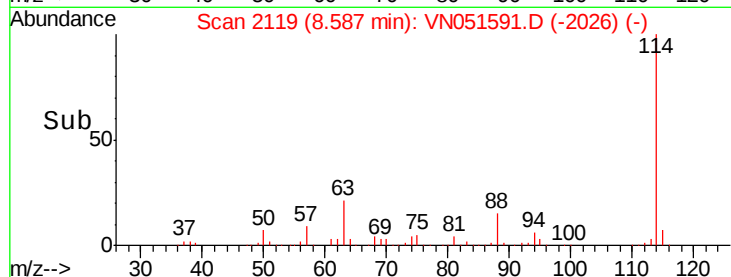
88 15.0 0.0 31.4



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: 47.192 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN051591.D

Acq: 27 Sep 2018 18:54

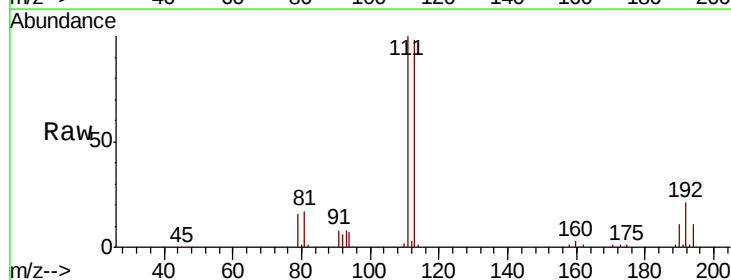
Tgt Ion:113 Resp: 404319

Ion Ratio Lower Upper

113 100

111 103.5 82.6 123.8

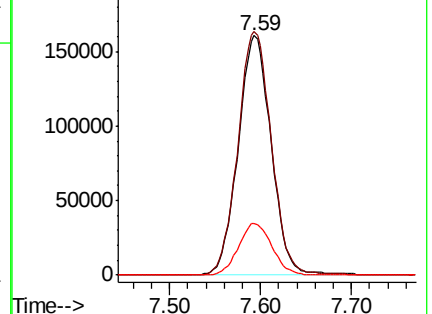
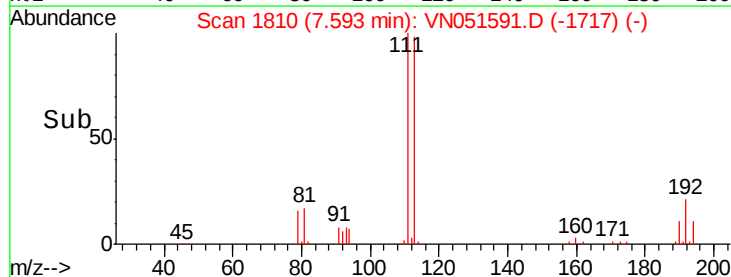
192 21.9 18.0 27.0

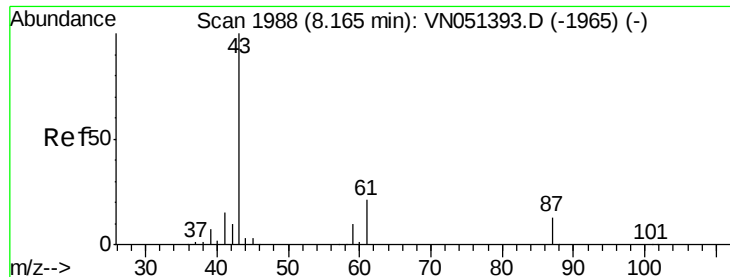


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 25.521 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051591.D

Acq: 27 Sep 2018 18:54

Instrument :

MSVOA_N

ClientSampleId :

PB113263ZHE#03

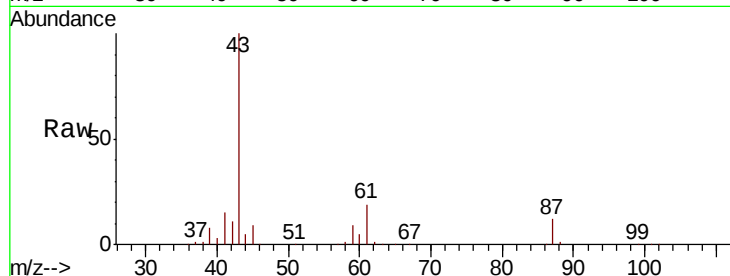
Tot Ion: 43 Resp: 329212

Ion Ratio Lower Upper

43 100

61 17.2 16.8 25.2

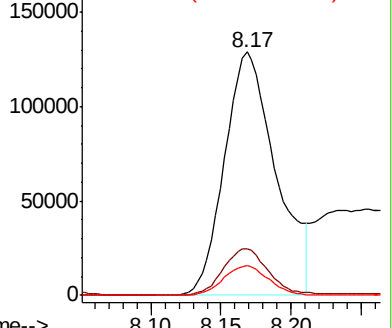
87 10.6 10.7 16.1#



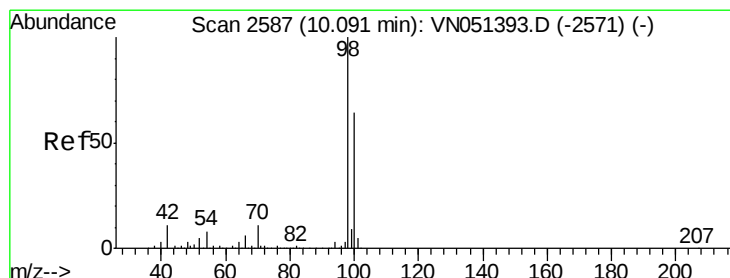
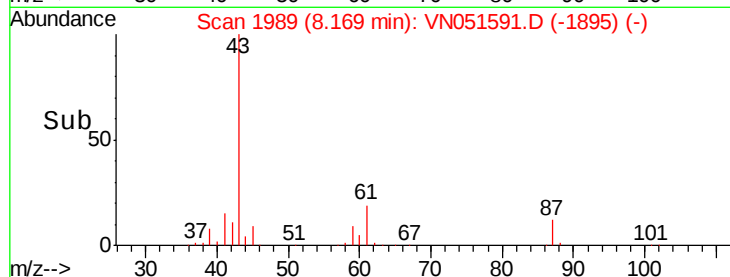
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



Time-->



#50

Toluene-d8

Concen: 45.901 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051591.D

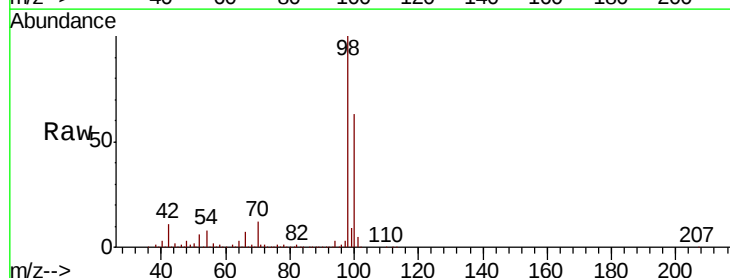
Acq: 27 Sep 2018 18:54

Tgt Ion: 98 Resp: 1480865

Ion Ratio Lower Upper

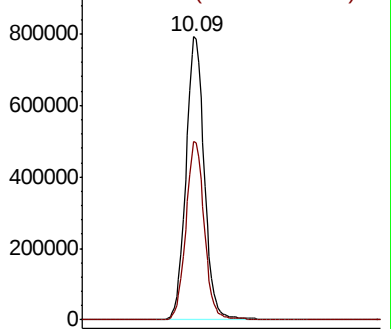
98 100

100 63.0 50.6 75.8

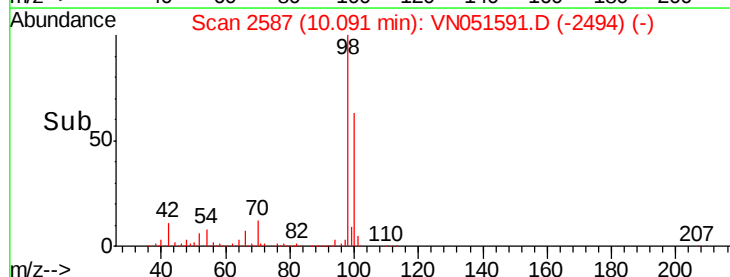


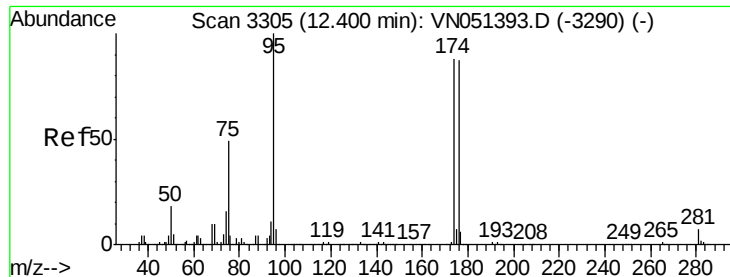
Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0



Time-->





#62

4-Bromofluorobenzene

Concen: 37.195 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051591.D

Acq: 27 Sep 2018 18:54

Instrument :

MSVOA_N

ClientSampleId :

PB113263ZHE#03

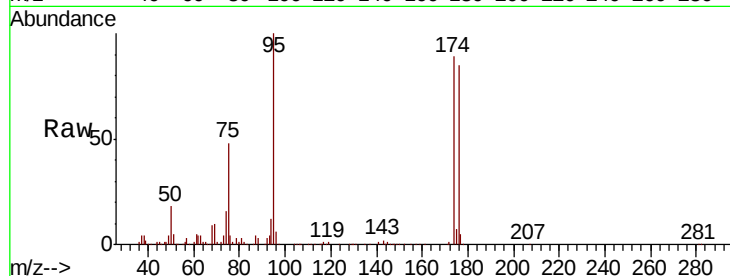
Tot Ion: 95 Resp: 388201

Ion Ratio Lower Upper

95 100

174 89.8 0.0 181.6

176 85.4 0.0 176.4



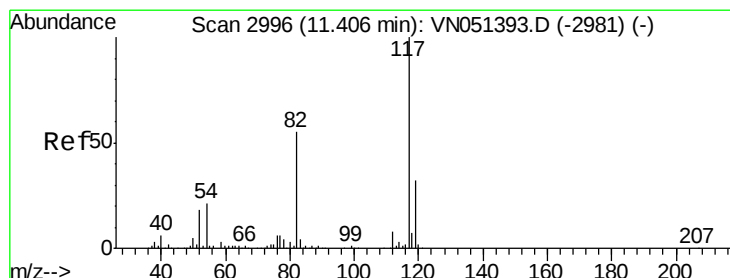
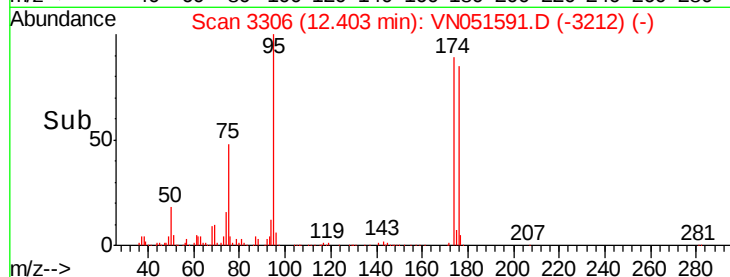
Abundance Ion 94.90 (94.60 to 95.60): VN051393.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN051393.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN051393.D (-3290) (-)

12.40

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051591.D

Acq: 27 Sep 2018 18:54

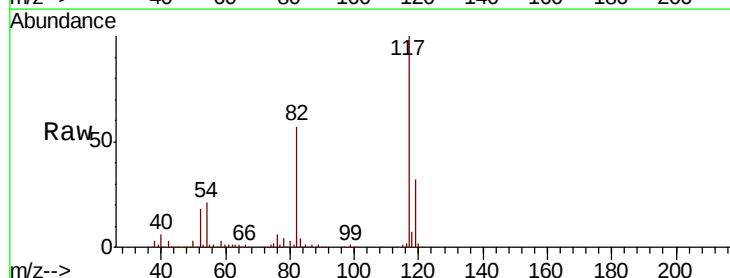
Tgt Ion: 117 Resp: 889592

Ion Ratio Lower Upper

117 100

82 56.6 44.2 66.2

119 31.7 25.9 38.9



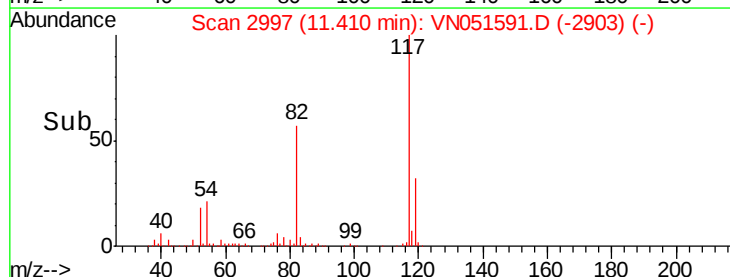
Abundance Ion 116.90 (116.60 to 117.60): VN051393.D (-2981) (-)

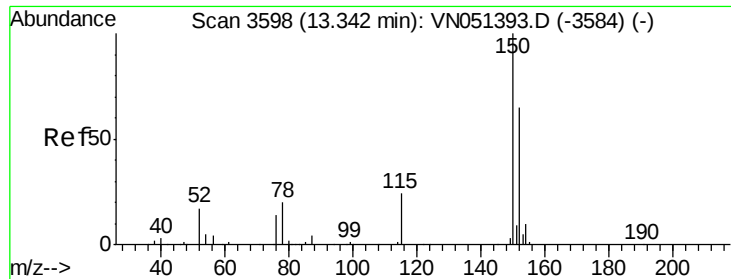
Ion 82.00 (81.70 to 82.70): VN051393.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN051393.D (-2981) (-)

11.41

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051591.D

Acq: 27 Sep 2018 18:54

Instrument :

MSVOA_N

ClientSampleId :

PB113263ZHE#03

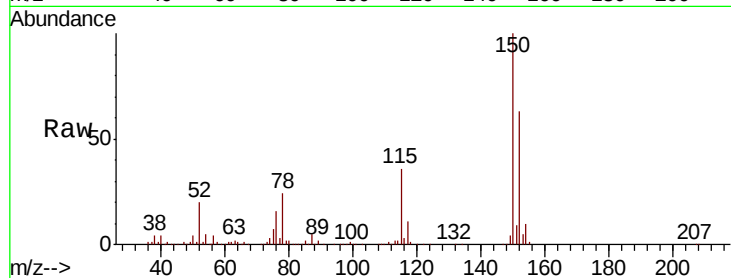
Tot Ion:152 Resp: 298907

Ion Ratio Lower Upper

152 100

115 56.1 28.3 84.9

150 158.2 0.0 353.6



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

