

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092718\
 Data File : VN051593.D
 Acq On : 27 Sep 2018 19:43
 Operator : MD\SY
 Sample : PB113263ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113263ZHE#05

Quant Time: Sep 28 02:10:35 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

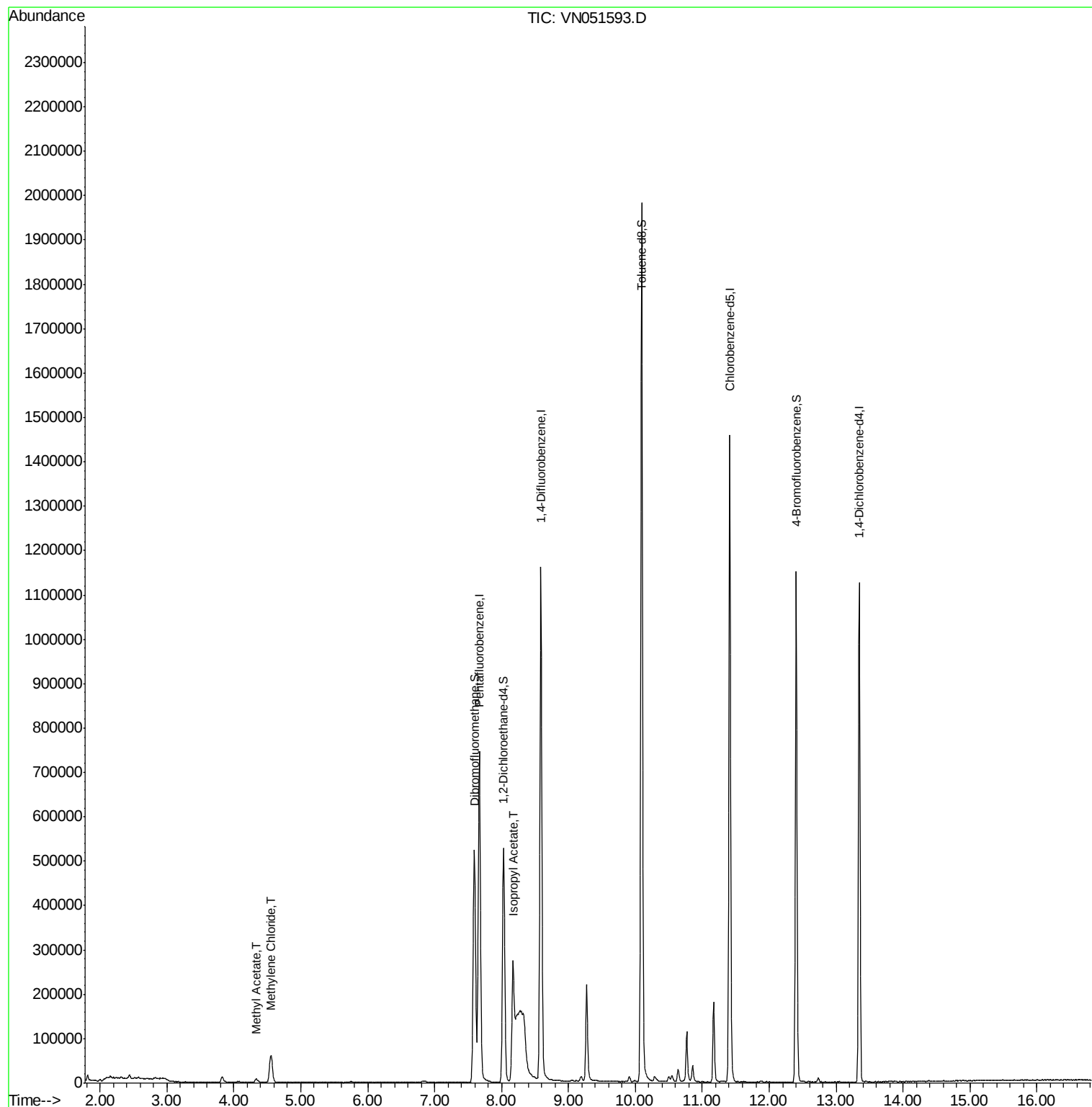
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	626114	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1038070	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	878601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	317709	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	453503	57.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.64%	
35) Dibromofluoromethane	7.59	113	398309	47.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.96%	
50) Toluene-d8	10.09	98	1446286	46.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.54%	
62) 4-Bromofluorobenzene	12.40	95	393903	38.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.90%	
Target Compounds						
18) Methyl Acetate	4.34	43	14294	2.393	ug/l	95
20) Methylene Chloride	4.56	84	46836	6.035	ug/l	98
43) Isopropyl Acetate	8.17	43	342495	27.404	ug/l #	90

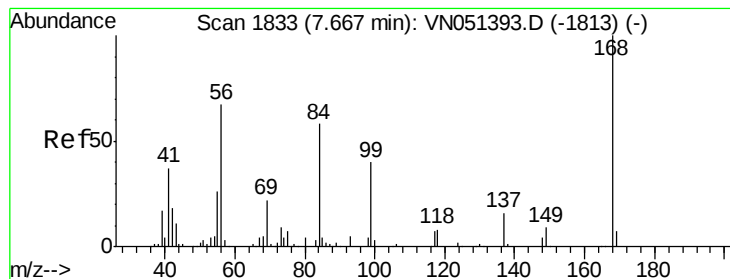
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051593.D

Acq: 27 Sep 2018 19:43

Instrument :

MSVOA_N

ClientSampleId :

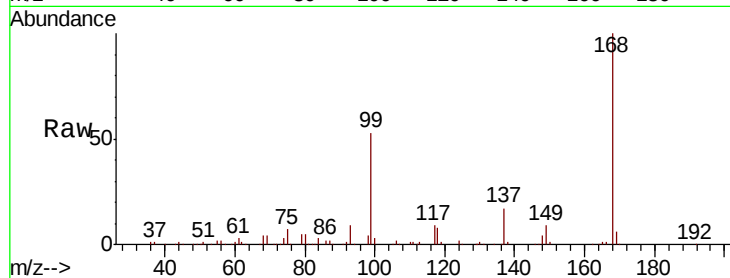
PB113263ZHE#05

Tot Ion:168 Resp: 626114

Ion Ratio Lower Upper

168 100

99 52.6 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

150000

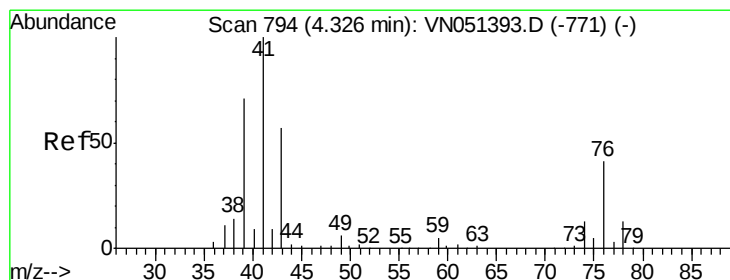
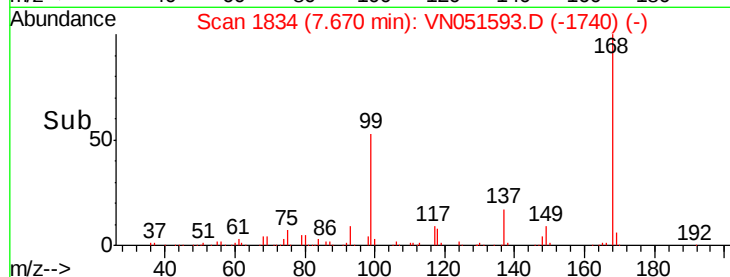
100000

50000

0

Time-->

7.60 7.70 7.80



#18

Methyl Acetate

Concen: 2.393 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN051593.D

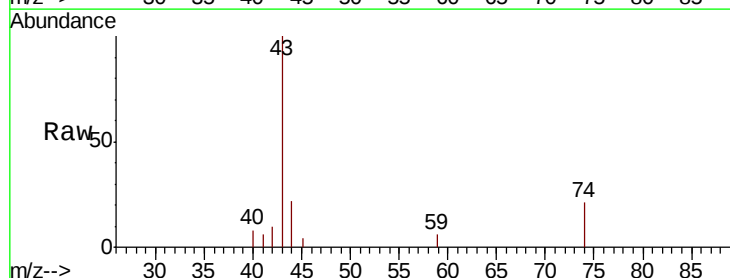
Acq: 27 Sep 2018 19:43

Tgt Ion: 43 Resp: 14294

Ion Ratio Lower Upper

43 100

74 21.3 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

4.34

6000

5000

4000

3000

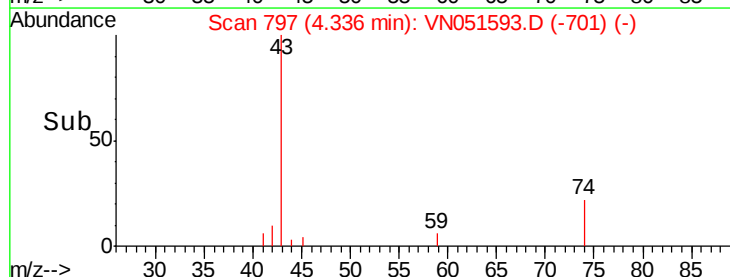
2000

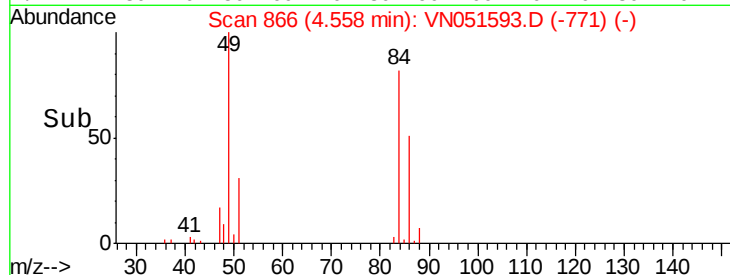
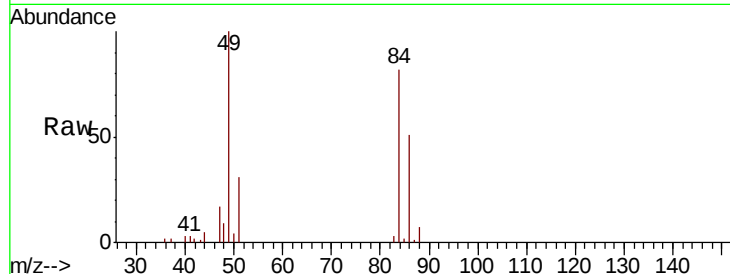
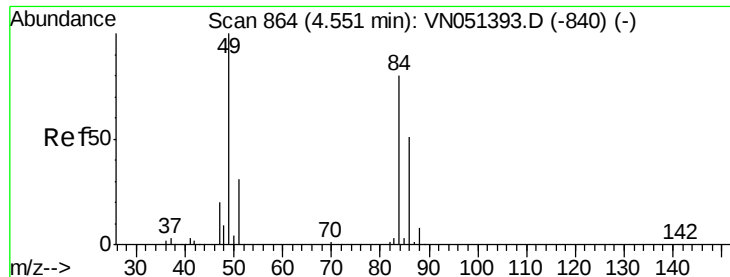
1000

0

Time-->

4.25 4.30 4.35 4.40

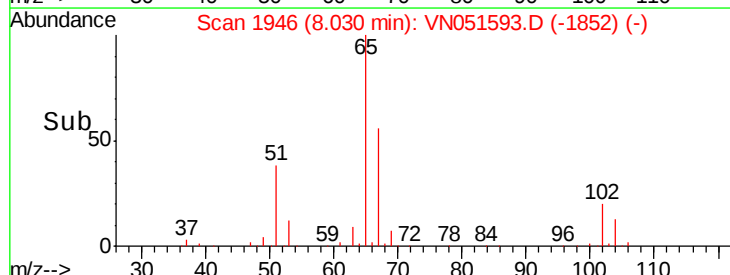
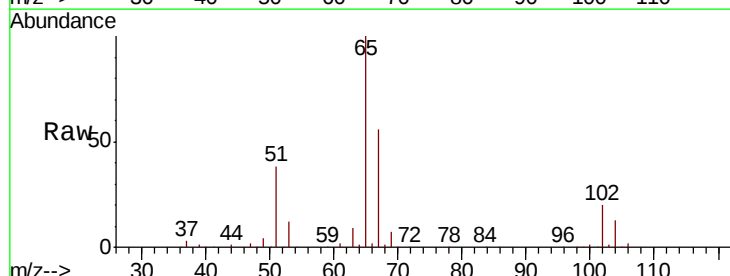
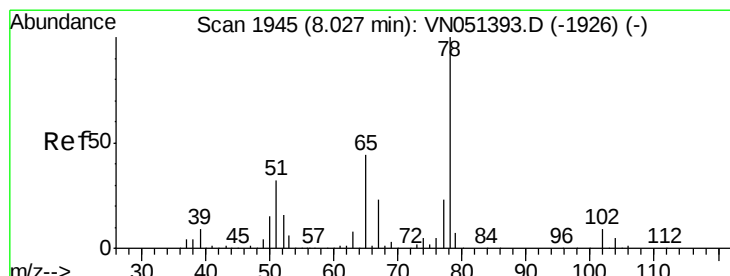
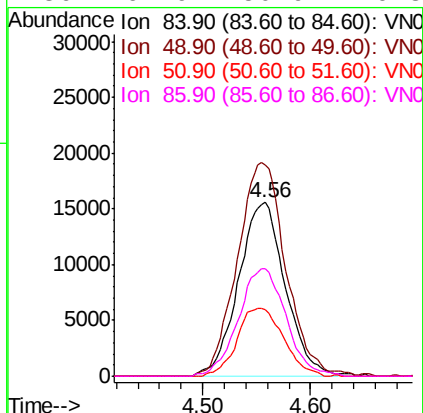




#20
Methvlene Chloride
Concen: 6.035 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN051593.D
Acq: 27 Sep 2018 19:43

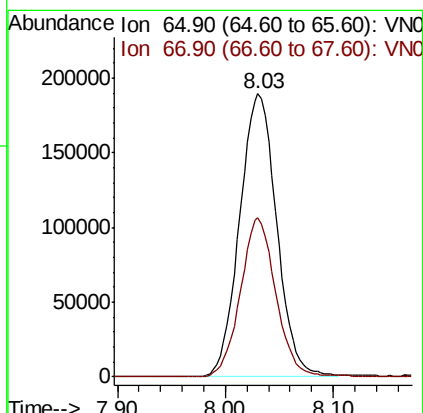
Instrument :
MSVOA_N
ClientSampleId :
PB113263ZHE#05

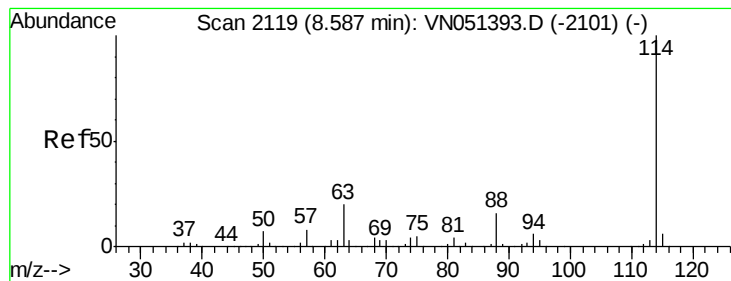
Tot Ion: 84 Resp: 46836
Ion Ratio Lower Upper
84 100
49 121.7 99.9 149.9
51 38.2 31.4 47.2
86 61.9 50.9 76.3



#33
1,2-Dichloroethane-d4
Concen: 57.821 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051593.D
Acq: 27 Sep 2018 19:43

Tgt Ion: 65 Resp: 453503
Ion Ratio Lower Upper
65 100
67 53.4 0.0 107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2120

Delta R.T. 0.00 min

Lab File: VN051593.D

Acq: 27 Sep 2018 19:43

Instrument :

MSVOA_N

ClientSampleId :

PB113263ZHE#05

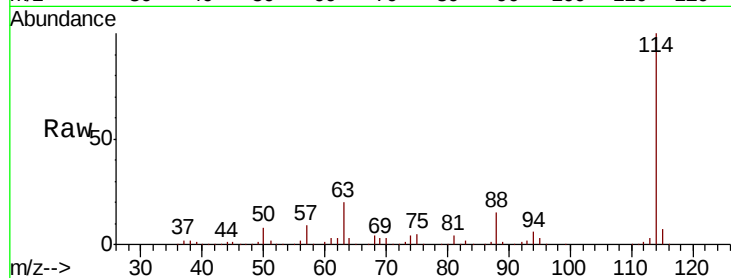
Tot Ion:114 Resp: 1038070

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.2

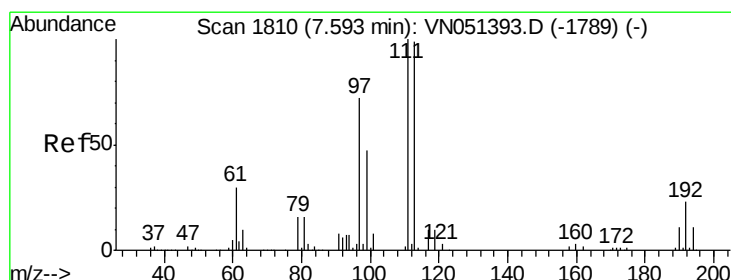
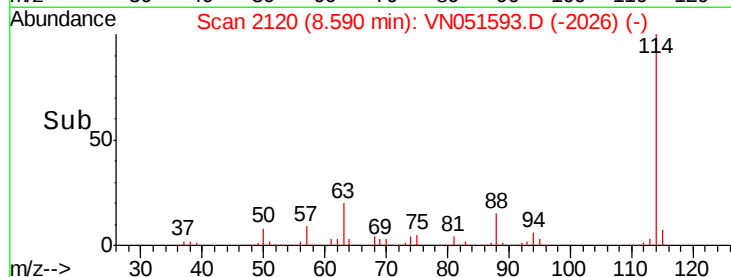
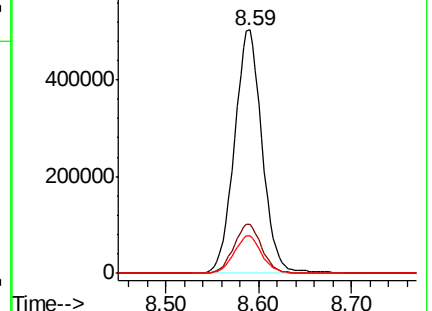
88 15.4 0.0 31.4



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: 47.983 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051593.D

Acq: 27 Sep 2018 19:43

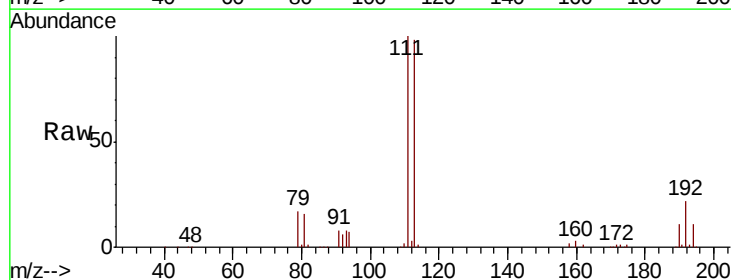
Tgt Ion:113 Resp: 398309

Ion Ratio Lower Upper

113 100

111 102.2 82.6 123.8

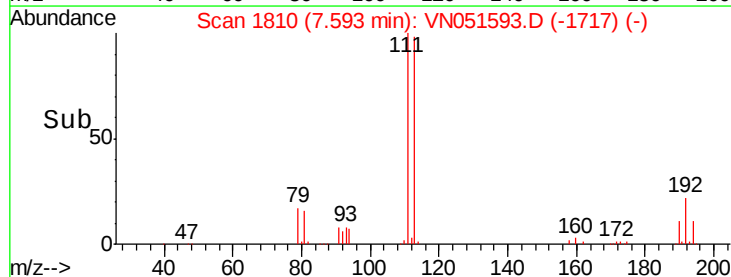
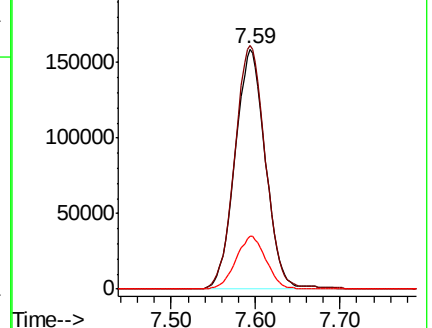
192 22.0 18.0 27.0

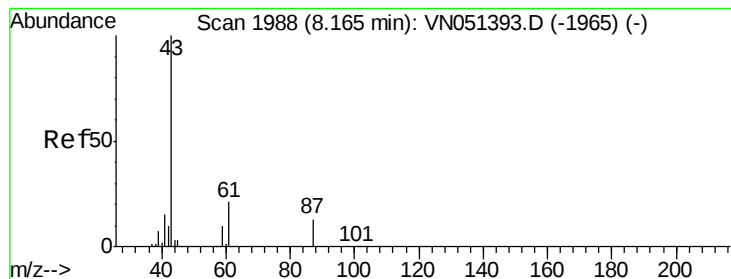


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



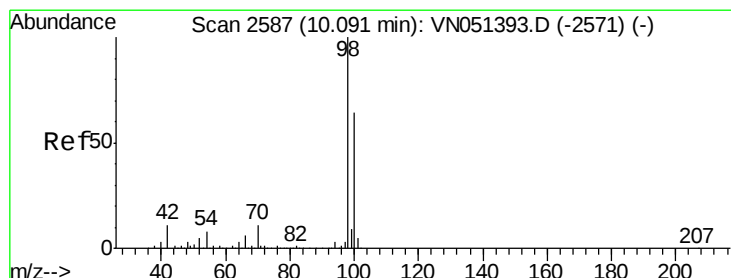
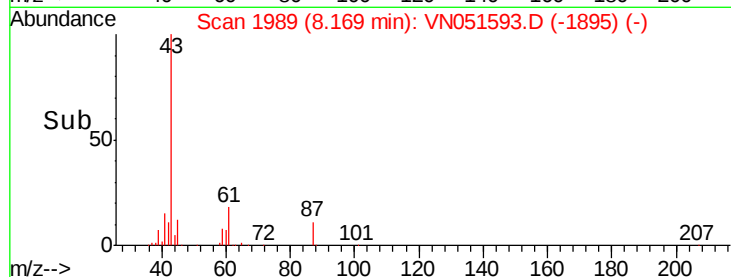
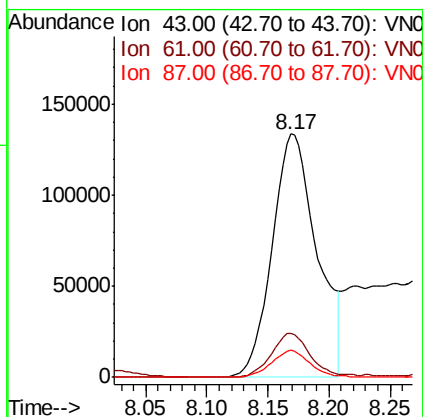
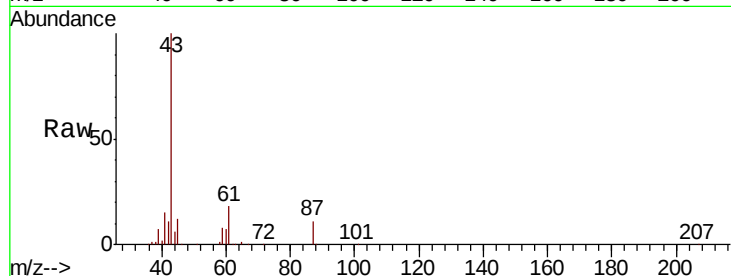


#43

Isopropyl Acetate
 Concen: 27.404 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN051593.D
 Acq: 27 Sep 2018 19:43

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113263ZHE#05

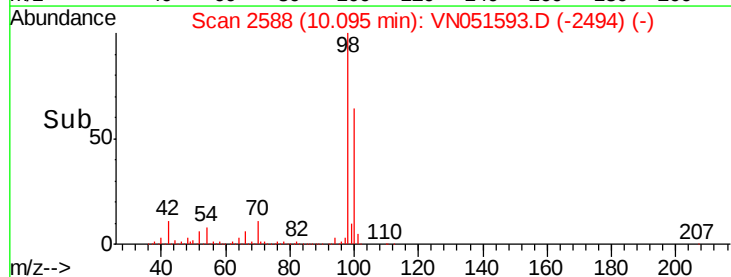
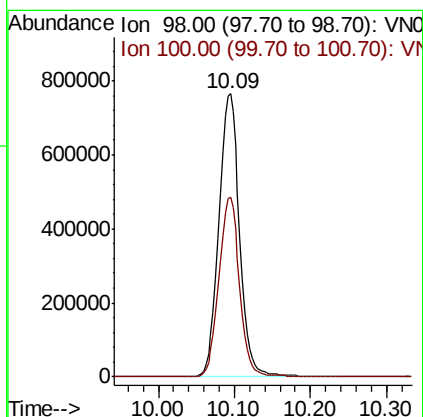
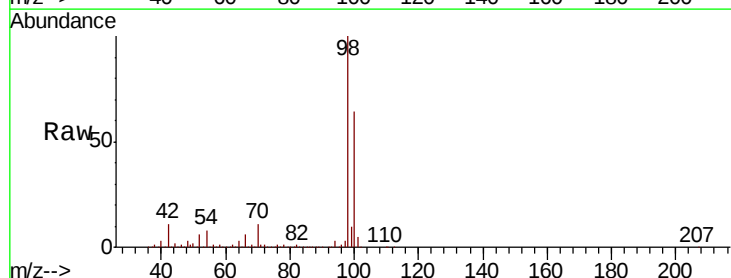
Tot Ion: 43 Resp: 342495
 Ion Ratio Lower Upper
 43 100
 61 16.0 16.8 25.2#
 87 9.6 10.7 16.1#

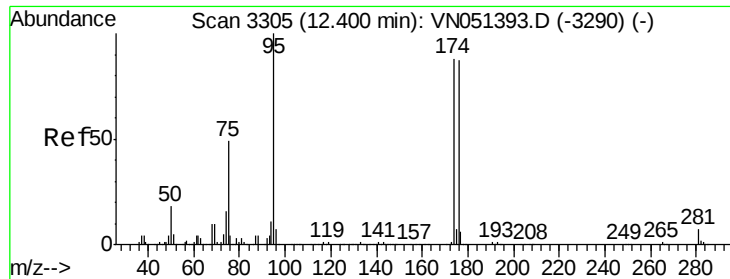


#50

Toluene-d8
 Concen: 46.269 ug/l
 RT: 10.09 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN051593.D
 Acq: 27 Sep 2018 19:43

Tgt Ion: 98 Resp: 1446286
 Ion Ratio Lower Upper
 98 100
 100 63.3 50.6 75.8





#62

4-Bromofluorobenzene

Concen: 38.954 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051593.D

Acq: 27 Sep 2018 19:43

Instrument :

MSVOA_N

ClientSampleId :

PB113263ZHE#05

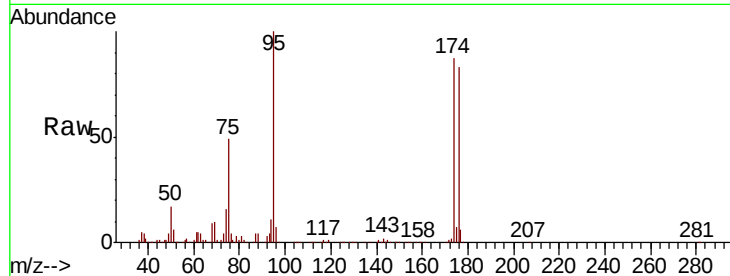
Tot Ion: 95 Resp: 393903

Ion Ratio Lower Upper

95 100

174 88.4 0.0 181.6

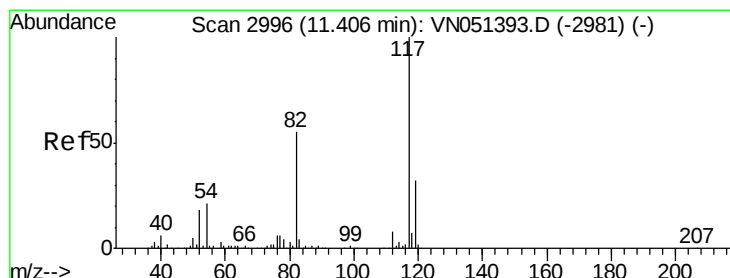
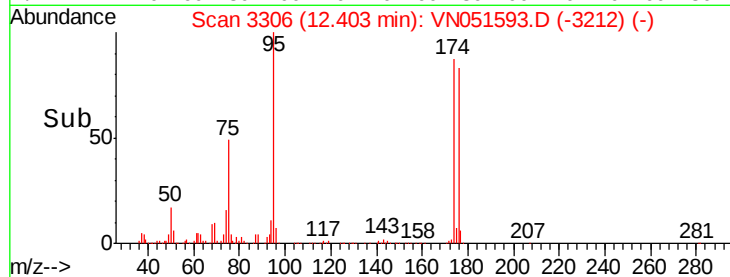
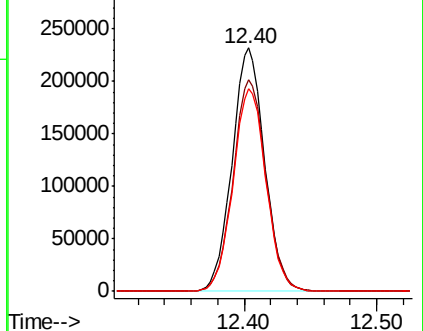
176 84.6 0.0 176.4



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: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051593.D

Acq: 27 Sep 2018 19:43

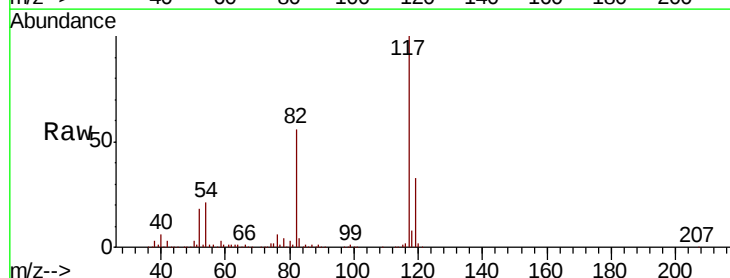
Tgt Ion: 117 Resp: 878601

Ion Ratio Lower Upper

117 100

82 56.0 44.2 66.2

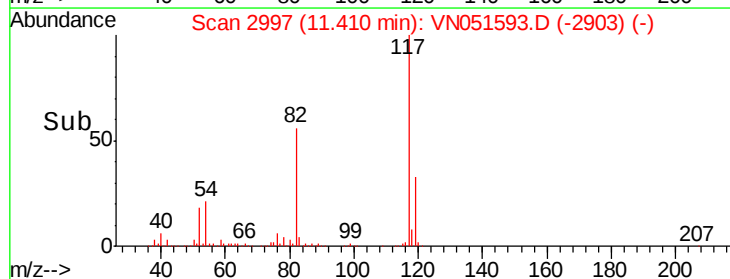
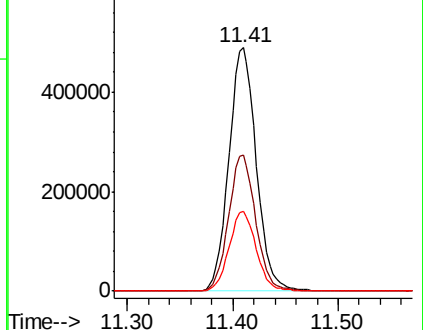
119 32.5 25.9 38.9

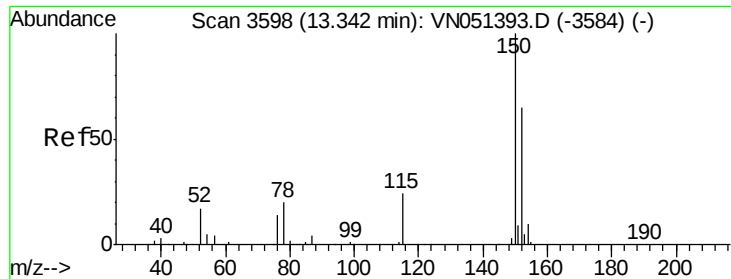


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051593.D

Acq: 27 Sep 2018 19:43

Instrument :

MSVOA_N

ClientSampleId :

PB113263ZHE#05

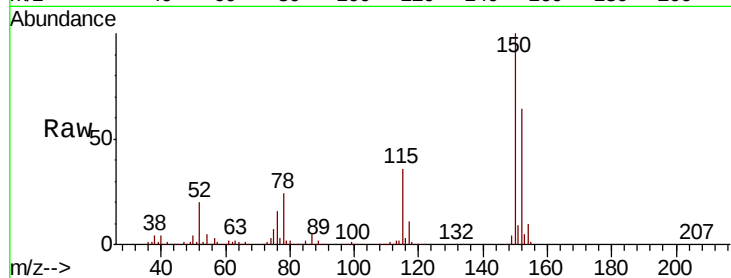
Tot Ion:152 Resp: 317709

Ion Ratio Lower Upper

152 100

115 56.4 28.3 84.9

150 155.2 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

