

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN092318\
 Data File : VN051433.D
 Acq On : 24 Sep 2018 00:11
 Operator : MD\SY
 Sample : PB113124ZHE#04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113124ZHE#04

Quant Time: Sep 24 08:16:46 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

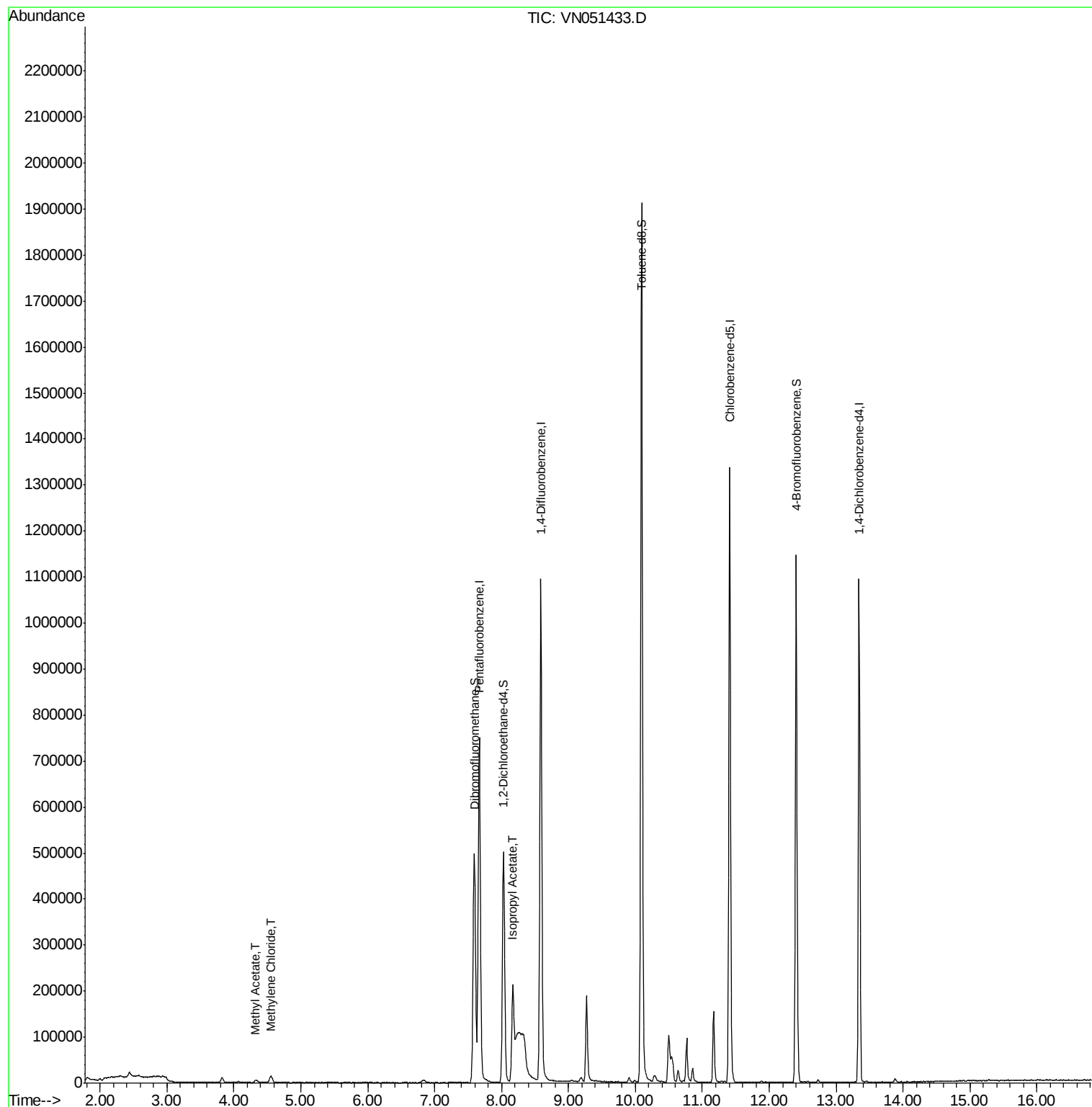
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	639068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1006742	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	838915	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	314528	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	437405	54.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.28%	
35) Dibromofluoromethane	7.59	113	379994	47.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.40%	
50) Toluene-d8	10.09	98	1388862	45.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.62%	
62) 4-Bromofluorobenzene	12.40	95	380218	38.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.54%	
Target Compounds						
18) Methyl Acetate	4.32	43	12046	1.976	ug/l	94
20) Methylene Chloride	4.55	84	11210	1.415	ug/l	86
43) Isopropyl Acetate	8.17	43	284329	23.458	ug/l #	91

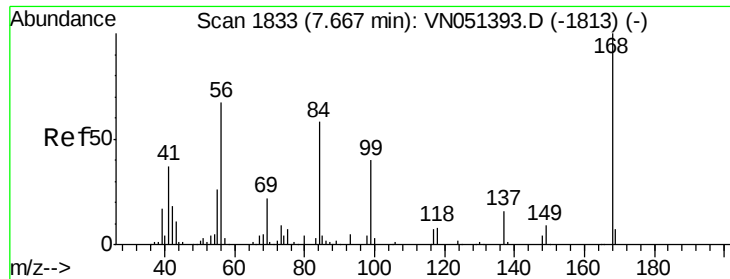
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051433.D

Acq: 24 Sep 2018 00:11

Instrument :

MSVOA_N

ClientSampleId :

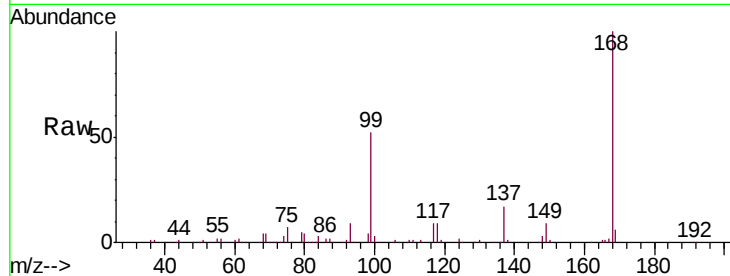
PB113124ZHE#04

Tgt Ion:168 Resp: 639068

Ion Ratio Lower Upper

168 100

99 51.7 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

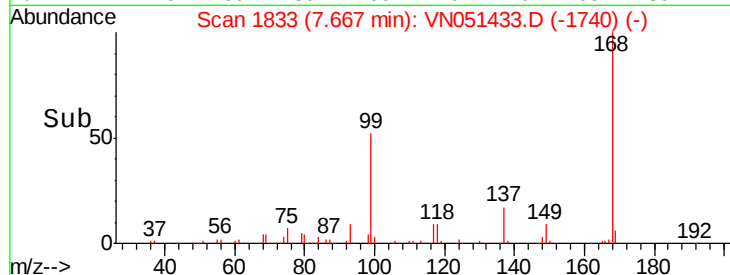
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#18

Methyl Acetate

Concen: 1.976 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN051433.D

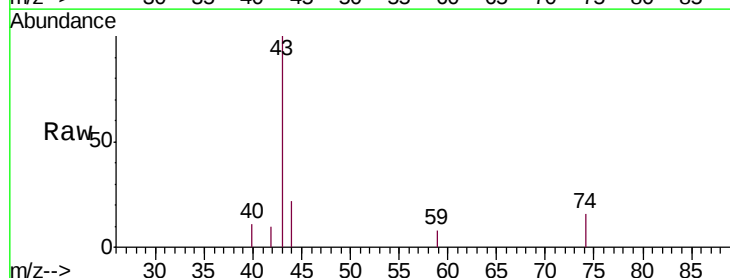
Acq: 24 Sep 2018 00:11

Tgt Ion: 43 Resp: 12046

Ion Ratio Lower Upper

43 100

74 20.4 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

4.32

4000

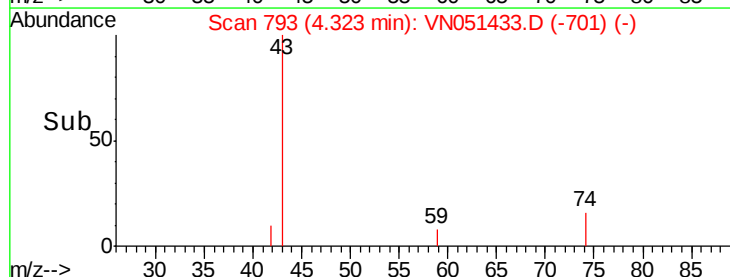
3000

2000

1000

0

Time--> 4.25 4.30 4.35 4.40

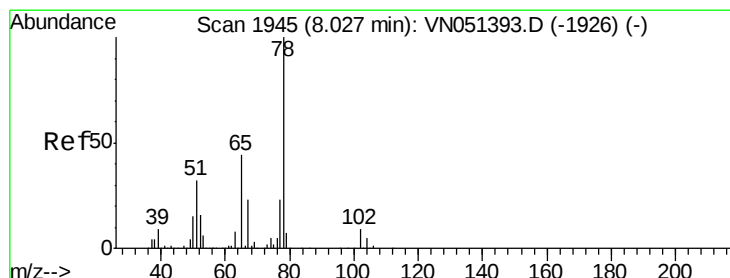
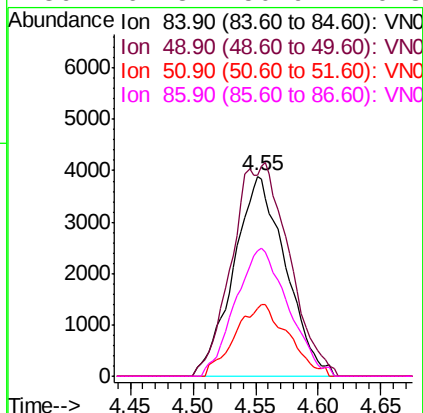
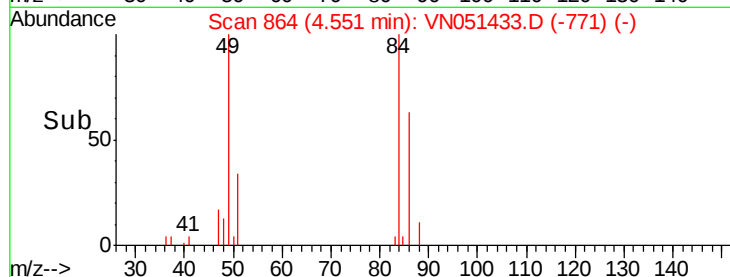
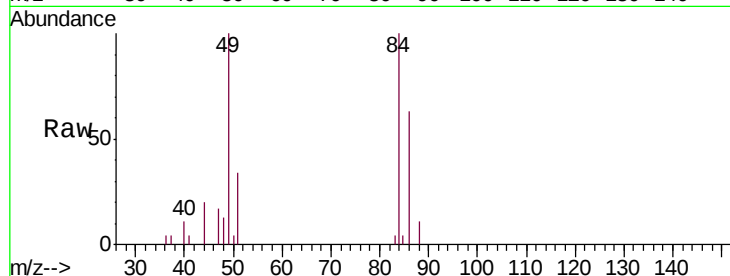




#20
Methylene Chloride
Concen: 1.415 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN051433.D
Acq: 24 Sep 2018 00:11

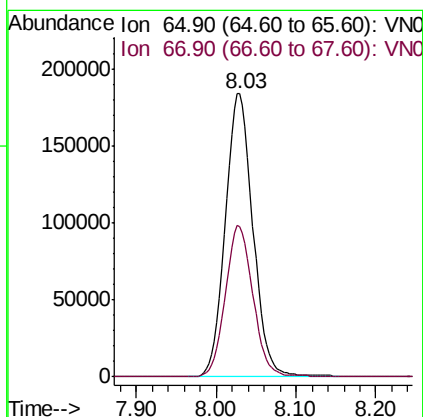
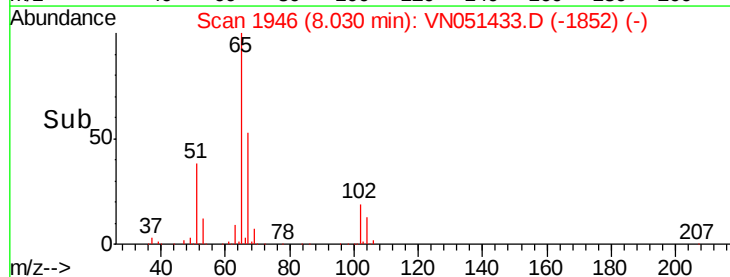
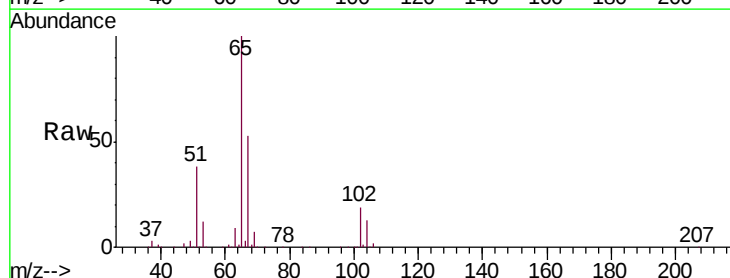
Instrument :
MSVOA_N
ClientSampleId :
PB113124ZHE#04

Tgt Ion: 84 Resp: 11210
Ion Ratio Lower Upper
84 100
49 100.4 99.9 149.9
51 33.7 31.4 47.2
86 62.8 50.9 76.3



#33
1,2-Dichloroethane-d4
Concen: 54.638 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051433.D
Acq: 24 Sep 2018 00:11

Tgt Ion: 65 Resp: 437405
Ion Ratio Lower Upper
65 100
67 53.2 0.0 107.8

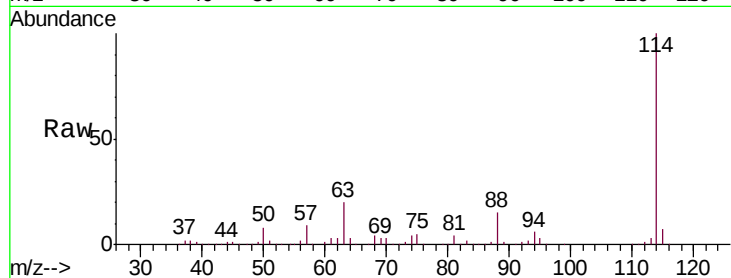




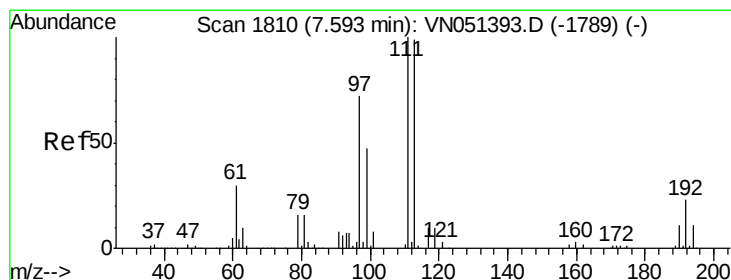
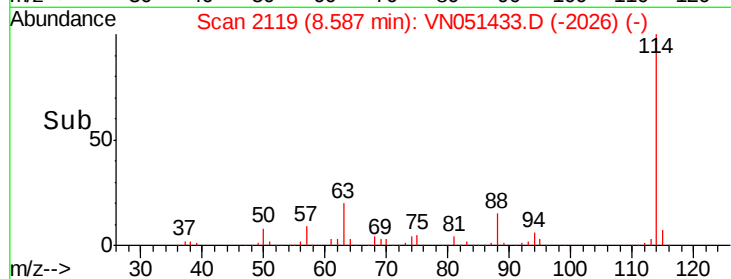
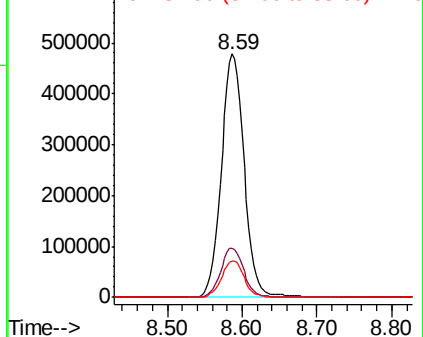
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051433.D
 Acq: 24 Sep 2018 00:11

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113124ZHE#04

Tgt Ion:114 Resp: 1006742
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.2
 88 15.1 0.0 31.4

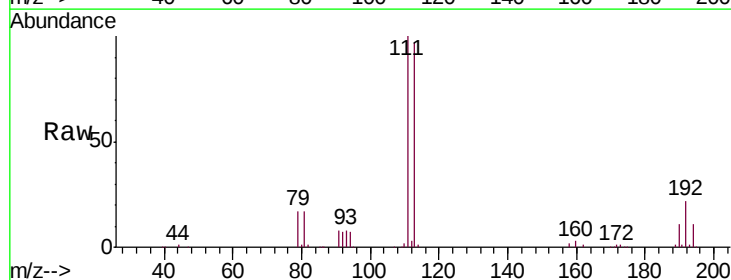


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

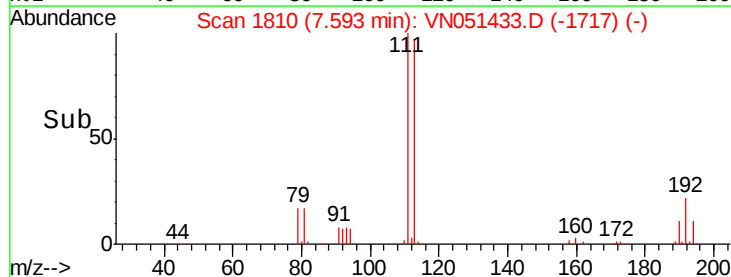
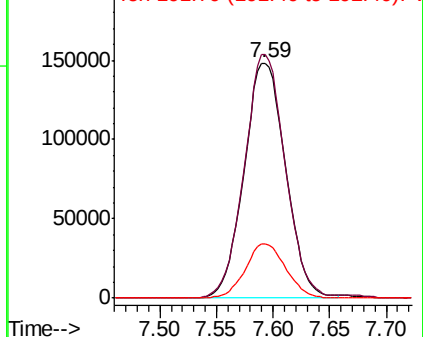


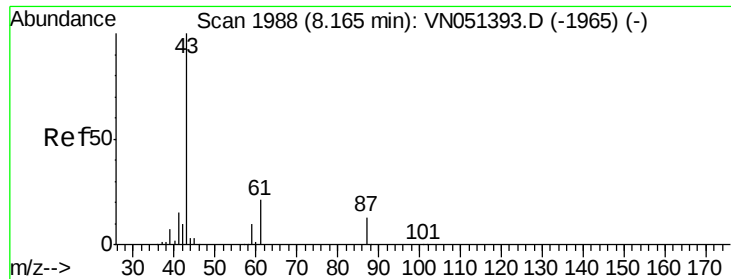
#35
 Dibromofluoromethane
 Concen: 47.202 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051433.D
 Acq: 24 Sep 2018 00:11

Tgt Ion:113 Resp: 379994
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.6 123.8
 192 22.5 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: 23.458 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051433.D

Acq: 24 Sep 2018 00:11

Instrument :

MSVOA_N

ClientSampleId :

PB113124ZHE#04

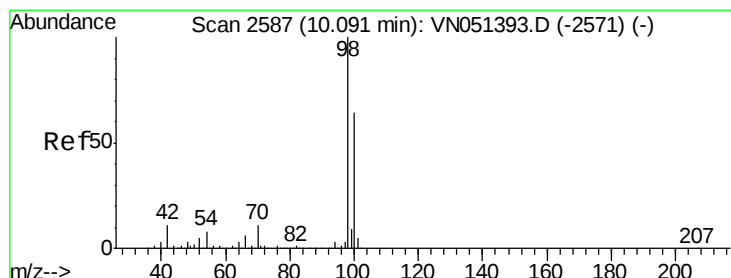
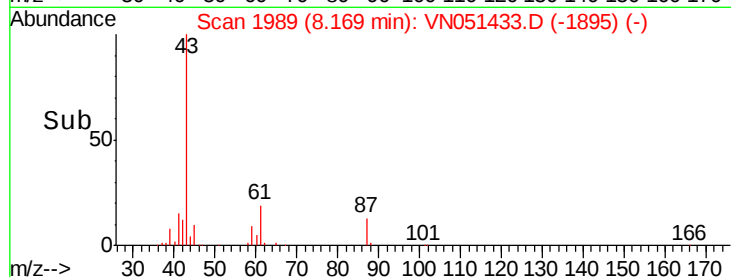
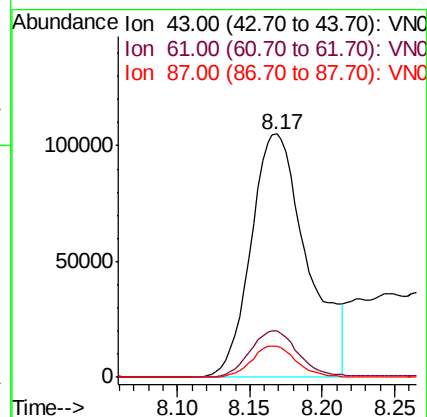
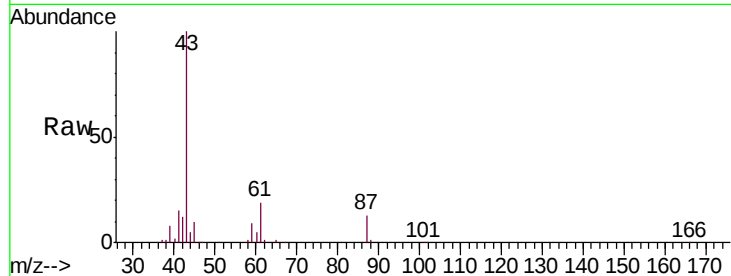
Tgt Ion: 43 Resp: 284329

Ion Ratio Lower Upper

43 100

61 16.5 16.8 25.2#

87 10.3 10.7 16.1#



#50

Toluene-d8

Concen: 45.814 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051433.D

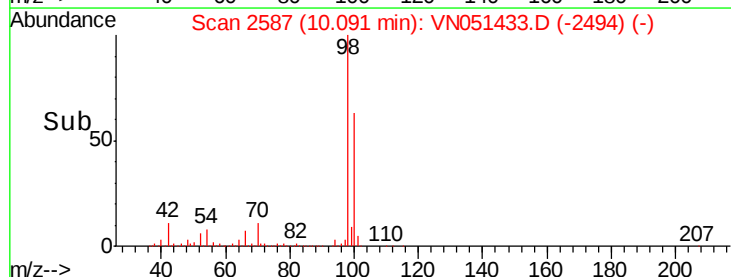
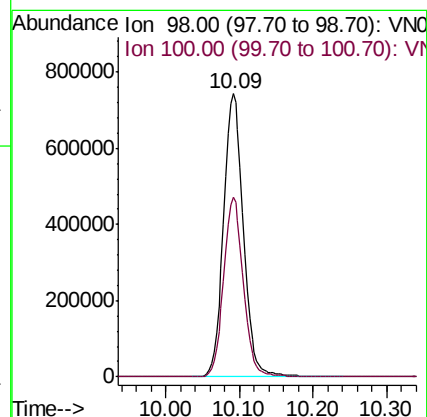
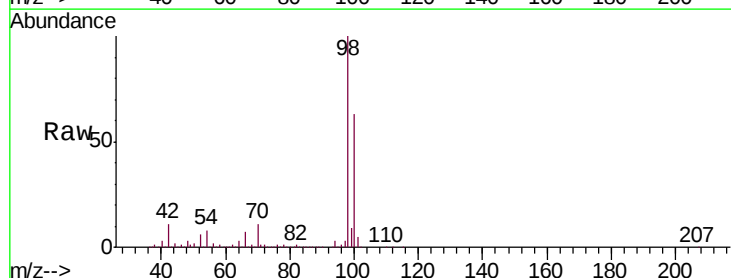
Acq: 24 Sep 2018 00:11

Tgt Ion: 98 Resp: 1388862

Ion Ratio Lower Upper

98 100

100 63.2 50.6 75.8





#62

4-Bromofluorobenzene

Concen: 38.770 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051433.D

Acq: 24 Sep 2018 00:11

Instrument :

MSVOA_N

ClientSampleId :

PB113124ZHE#04

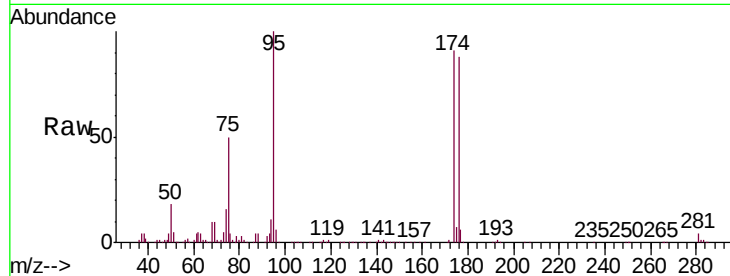
Tgt Ion: 95 Resp: 380218

Ion Ratio Lower Upper

95 100

174 90.4 0.0 181.6

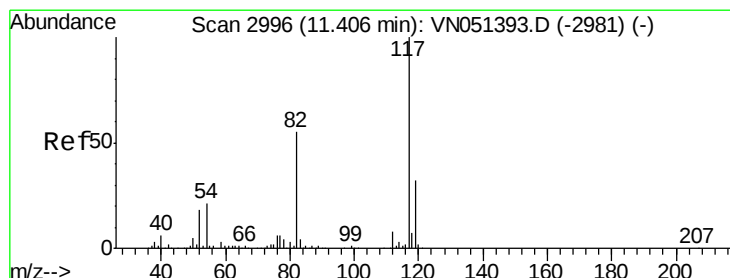
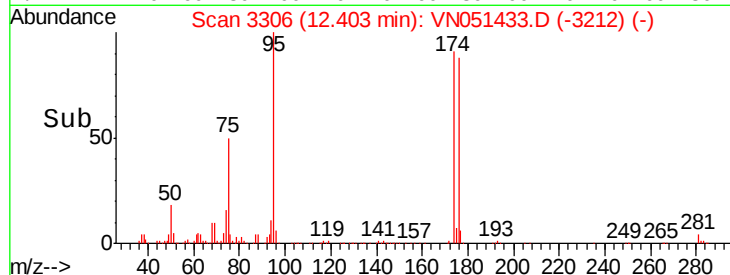
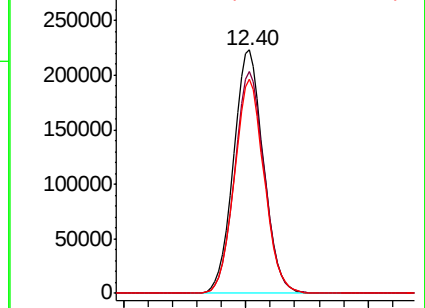
176 87.2 0.0 176.4



Abundance Ion 94.90 (94.60 to 95.60): VN051433.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN051433.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN051433.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN051433.D

Acq: 24 Sep 2018 00:11

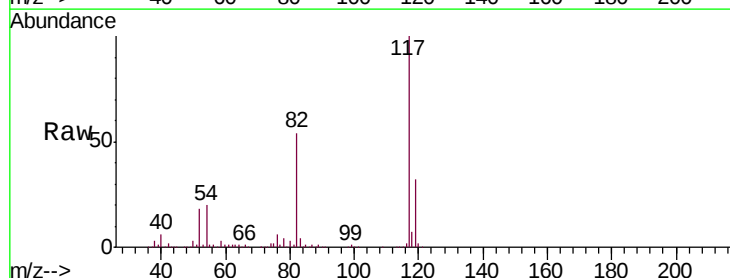
Tgt Ion: 117 Resp: 838915

Ion Ratio Lower Upper

117 100

82 54.3 44.2 66.2

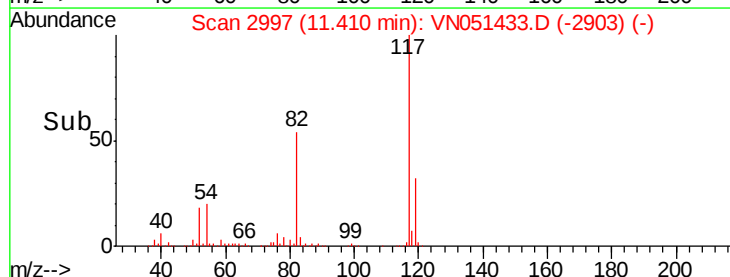
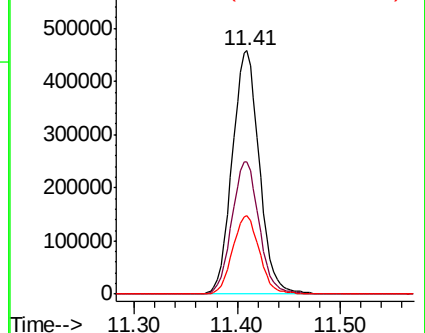
119 32.1 25.9 38.9

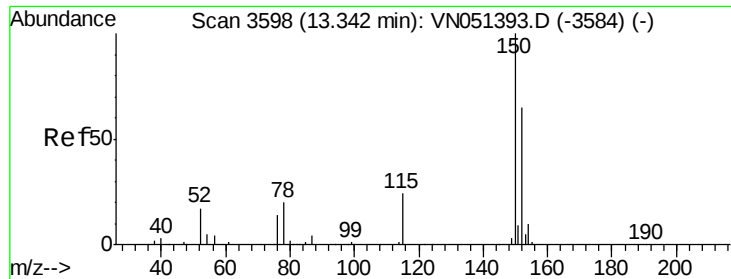


Abundance Ion 116.90 (116.60 to 117.60): VN051433.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN051433.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN051433.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN051433.D

Acq: 24 Sep 2018 00:11

Instrument :

MSVOA_N

ClientSampleId :

PB113124ZHE#04

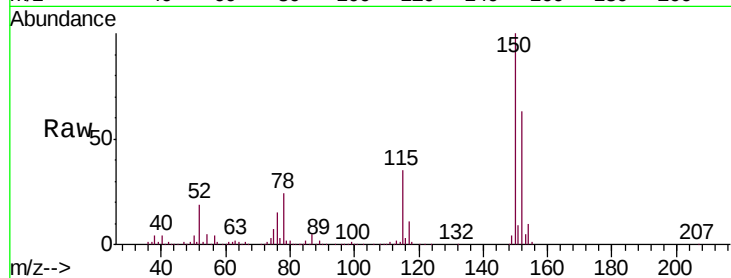
Tgt Ion:152 Resp: 314528

Ion Ratio Lower Upper

152 100

115 54.7 28.3 84.9

150 157.5 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

