

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092718\
 Data File : VN051547.D
 Acq On : 26 Sep 2018 20:22
 Operator : MD\SY
 Sample : PB113219ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113219ZHE#04

Quant Time: Sep 27 08:31:09 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

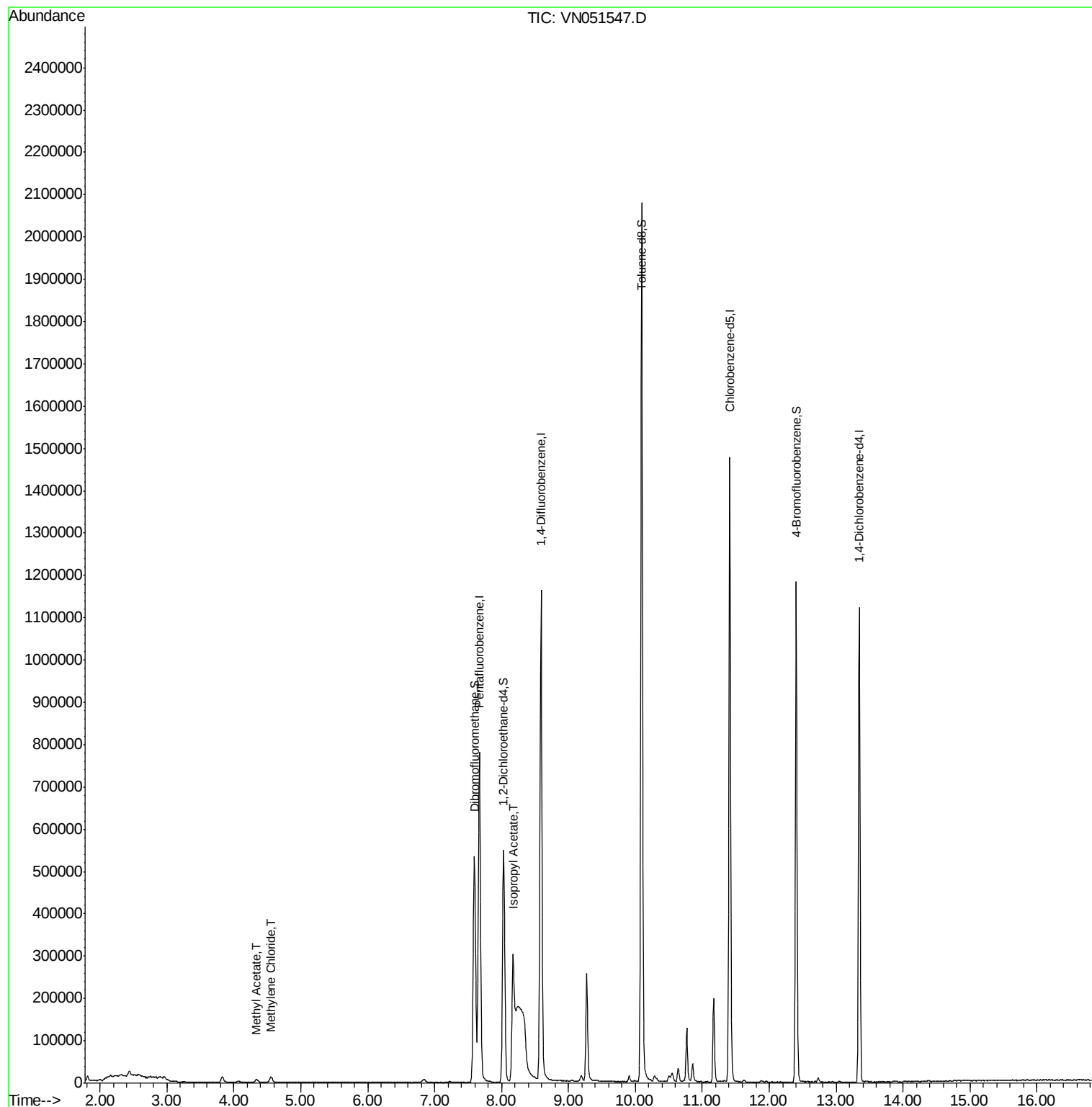
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	654791	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1068374	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	893159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	314460	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	473248	57.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.40%	
35) Dibromofluoromethane	7.59	113	410445	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.08%	
50) Toluene-d8	10.09	98	1483896	46.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.26%	
62) 4-Bromofluorobenzene	12.40	95	395397	37.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.98%	
Target Compounds						
18) Methyl Acetate	4.34	43	14582	2.334	ug/l #	71
20) Methylene Chloride	4.56	84	9794	1.207	ug/l	84
43) Isopropyl Acetate	8.17	43	411583	31.997	ug/l #	89

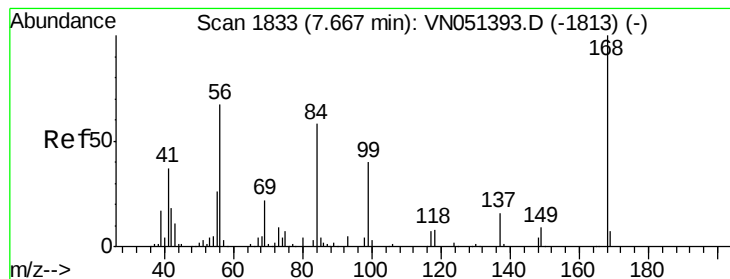
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN092718\
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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: VN051547.D

Acq: 26 Sep 2018 20:22

Instrument :

MSVOA_N

ClientSampleId :

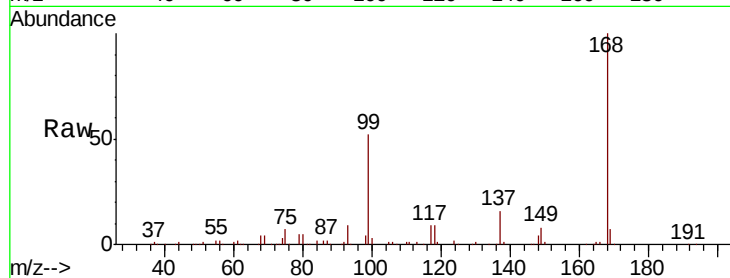
PB113219ZHE#04

Tot Ion:168 Resp: 654791

Ion Ratio Lower Upper

168 100

99 52.2 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN051393.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN051393.D (-1813) (-)

7.67

300000

250000

200000

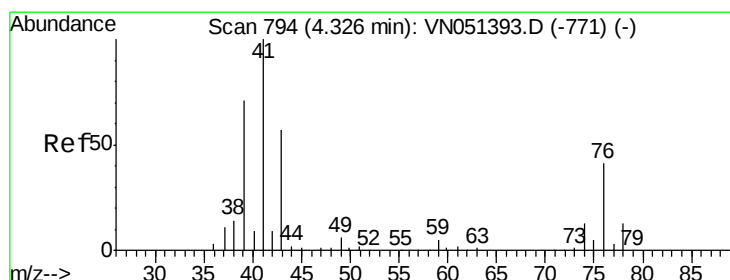
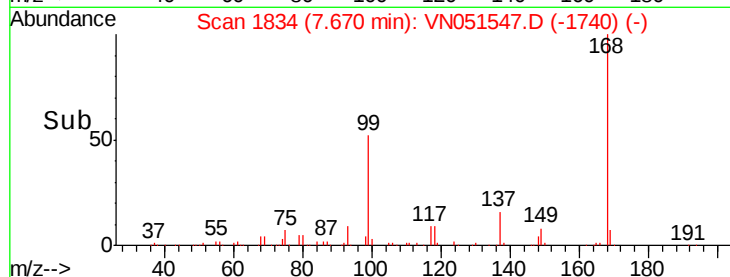
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 2.334 ug/l

RT: 4.34 min Scan# 797

Delta R.T. 0.01 min

Lab File: VN051547.D

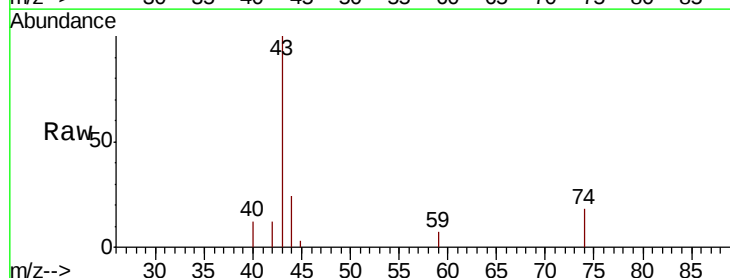
Acq: 26 Sep 2018 20:22

Tgt Ion: 43 Resp: 14582

Ion Ratio Lower Upper

43 100

74 9.2 18.8 28.2#



Abundance Ion 43.00 (42.70 to 43.70): VN051393.D (-771) (-)

Ion 74.00 (73.70 to 74.70): VN051393.D (-771) (-)

4.34

5000

4000

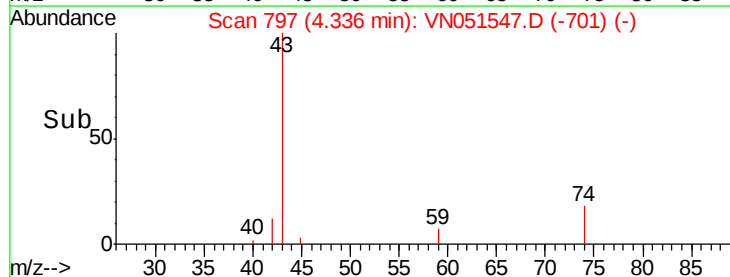
3000

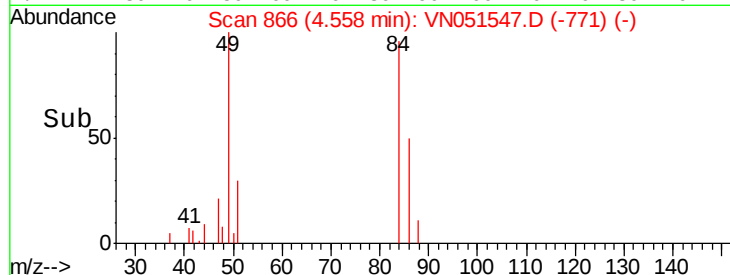
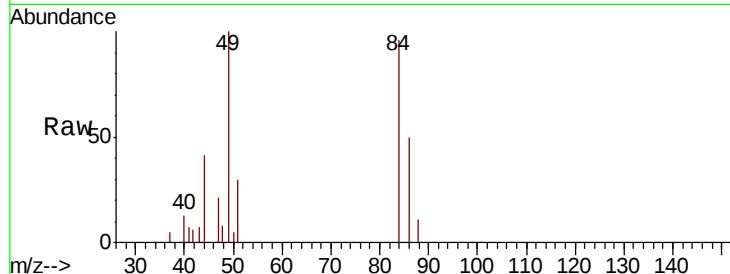
2000

1000

0

Time-->

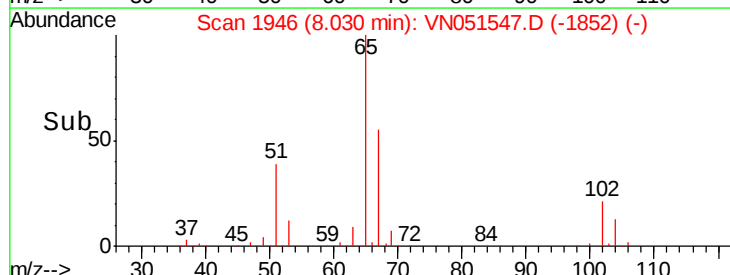
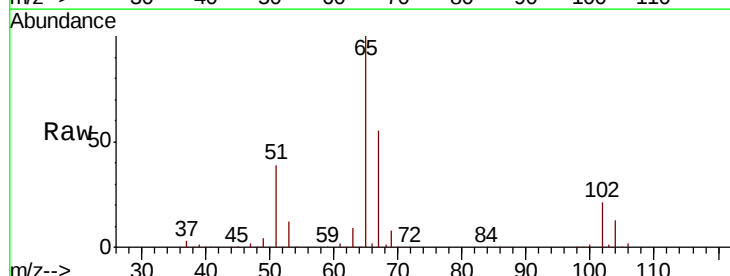
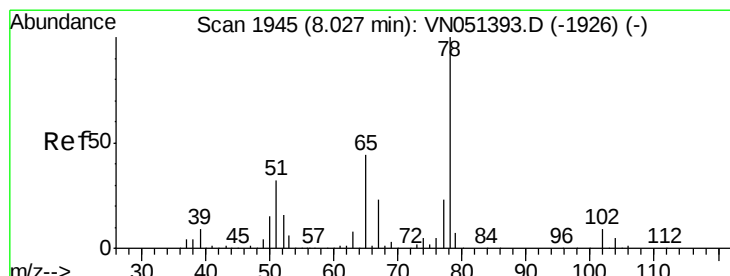
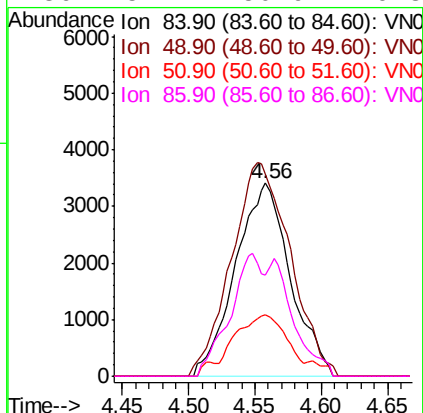




#20
Methvlene Chloride
Concen: 1.207 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN051547.D
Acq: 26 Sep 2018 20:22

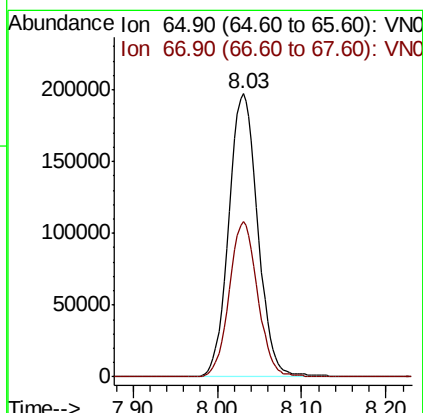
Instrument :
MSVOA_N
ClientSampleId :
PB113219ZHE#04

Tot Ion: 84 Resp: 9794
Ion Ratio Lower Upper
84 100
49 104.4 99.9 149.9
51 31.8 31.4 47.2
86 52.1 50.9 76.3



#33
1,2-Dichloroethane-d4
Concen: 57.696 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051547.D
Acq: 26 Sep 2018 20:22

Tgt Ion: 65 Resp: 473248
Ion Ratio Lower Upper
65 100
67 53.7 0.0 107.8

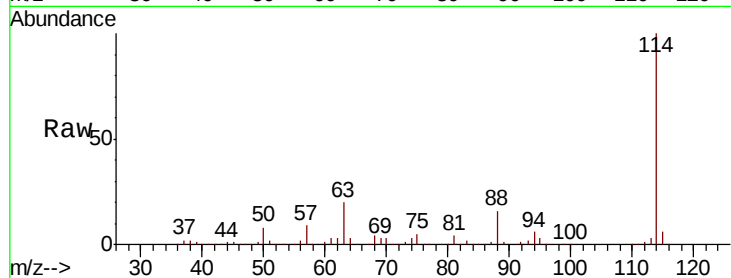




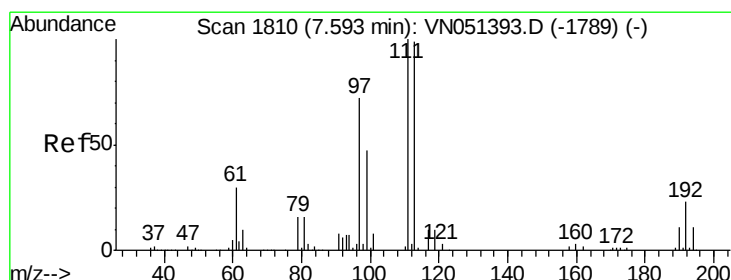
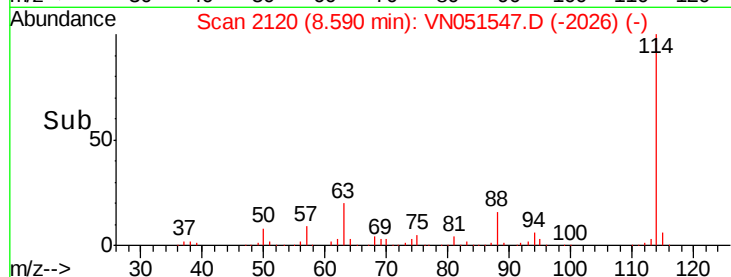
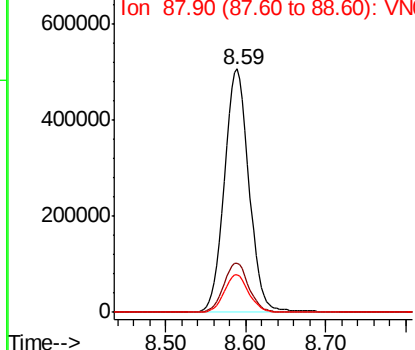
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN051547.D
 Acq: 26 Sep 2018 20:22

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113219ZHE#04

Tot Ion:114 Resp: 1068374
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.2
 88 15.6 0.0 31.4

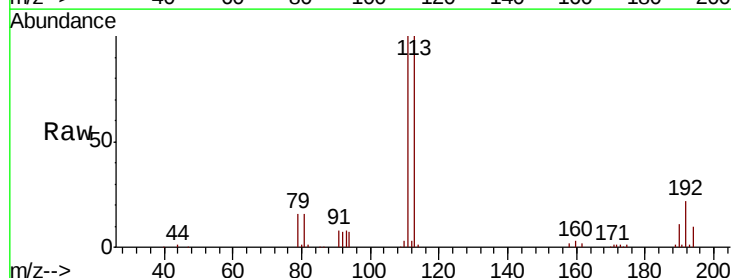


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

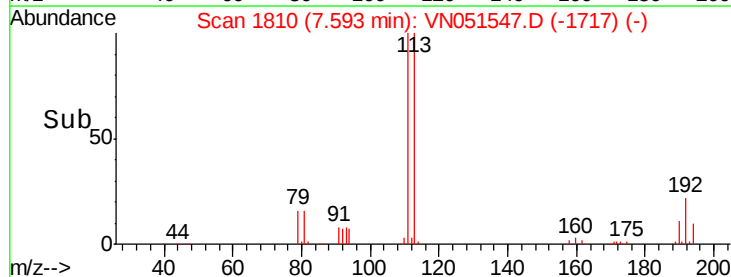
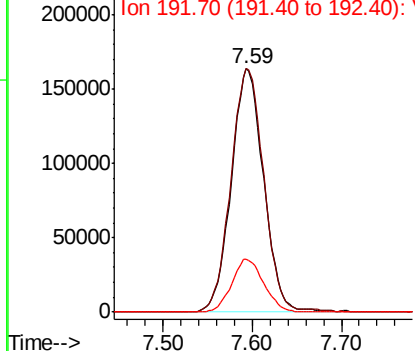


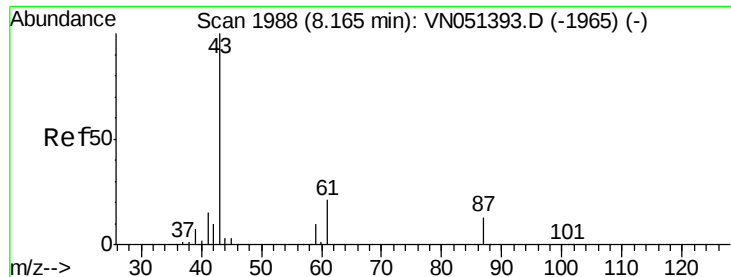
#35
 Dibromofluoromethane
 Concen: 48.043 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051547.D
 Acq: 26 Sep 2018 20:22

Tgt Ion:113 Resp: 410445
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.6 123.8
 192 21.6 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: 31.997 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051547.D

Acq: 26 Sep 2018 20:22

Instrument :

MSVOA_N

ClientSampleId :

PB113219ZHE#04

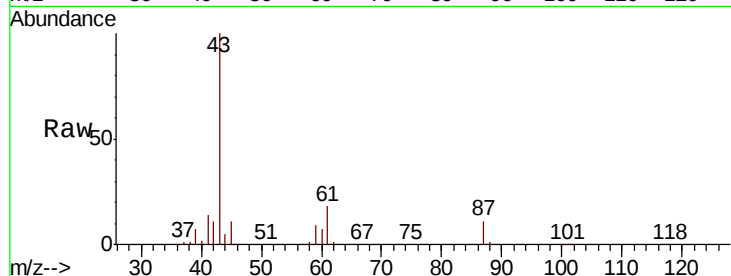
Tot Ion: 43 Resp: 411583

Ion Ratio Lower Upper

43 100

61 15.2 16.8 25.2#

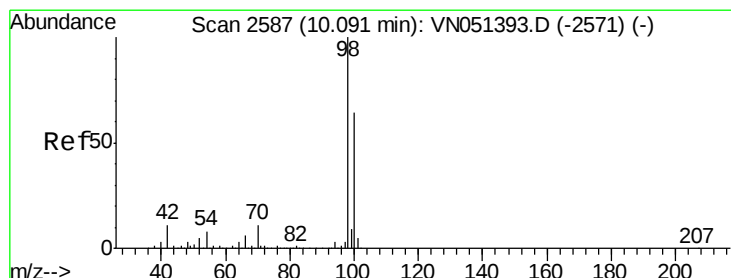
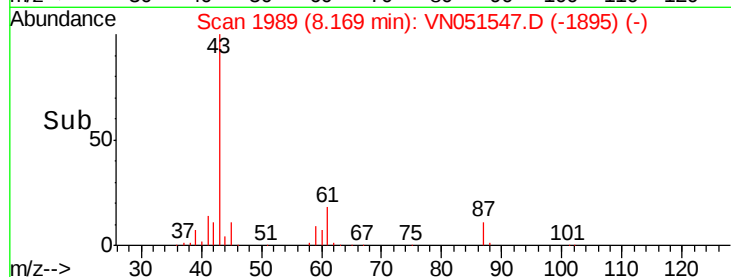
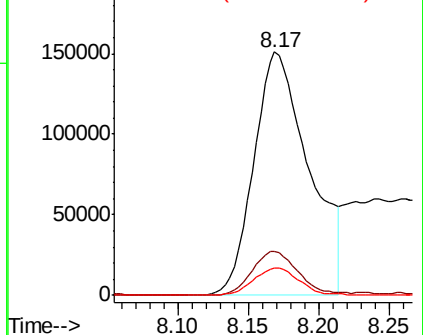
87 9.4 10.7 16.1#



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



#50

Toluene-d8

Concen: 46.125 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051547.D

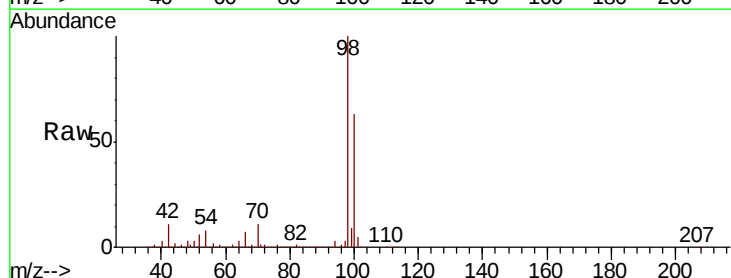
Acq: 26 Sep 2018 20:22

Tgt Ion: 98 Resp: 1483896

Ion Ratio Lower Upper

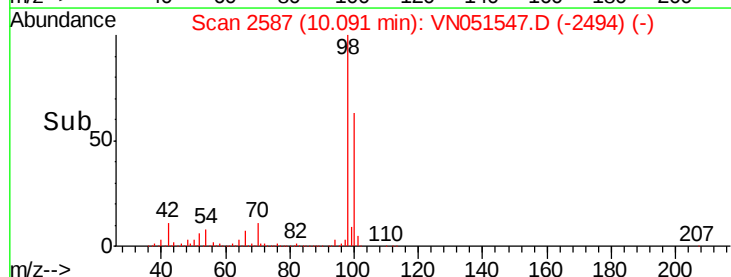
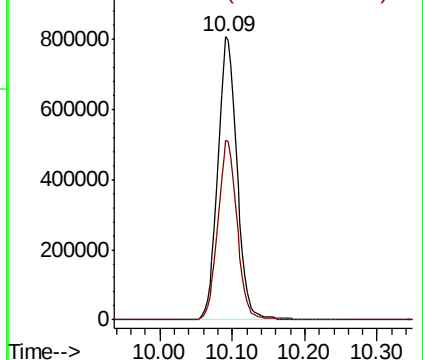
98 100

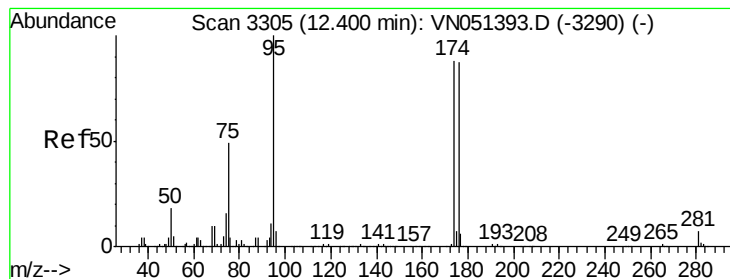
100 62.9 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 37.992 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051547.D

Acq: 26 Sep 2018 20:22

Instrument :

MSVOA_N

ClientSampleId :

PB113219ZHE#04

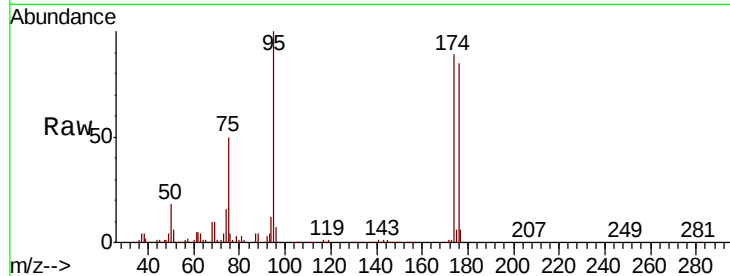
Tot Ion: 95 Resp: 395397

Ion Ratio Lower Upper

95 100

174 90.5 0.0 181.6

176 85.8 0.0 176.4

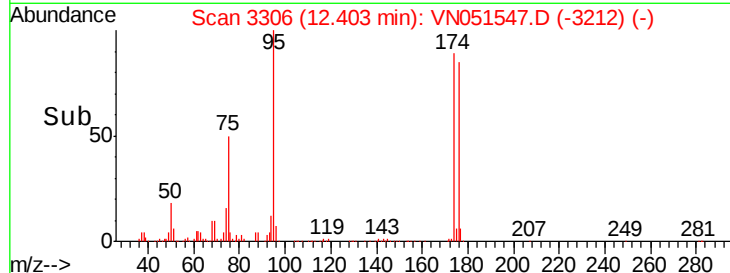


Abundance Ion 94.90 (94.60 to 95.60): VN051393.D (-3290) (-)

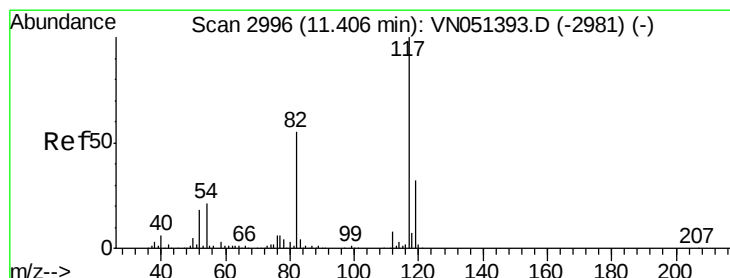
Ion 173.80 (173.50 to 174.50): VN051393.D (-3290) (-)

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: VN051547.D

Acq: 26 Sep 2018 20:22

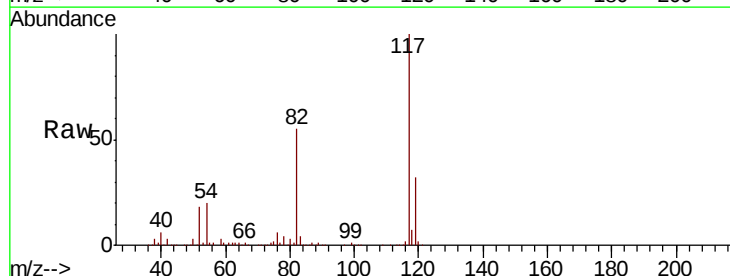
Tgt Ion: 117 Resp: 893159

Ion Ratio Lower Upper

117 100

82 54.9 44.2 66.2

119 31.7 25.9 38.9

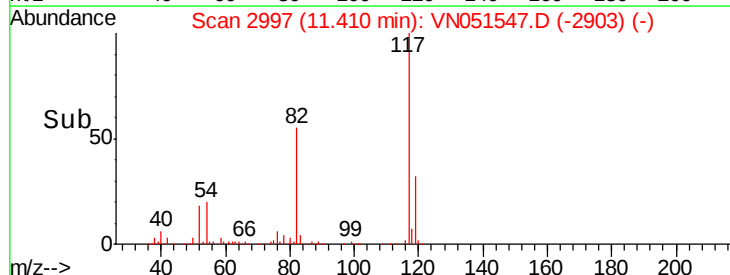


Abundance Ion 116.90 (116.60 to 117.60): VN051393.D (-2981) (-)

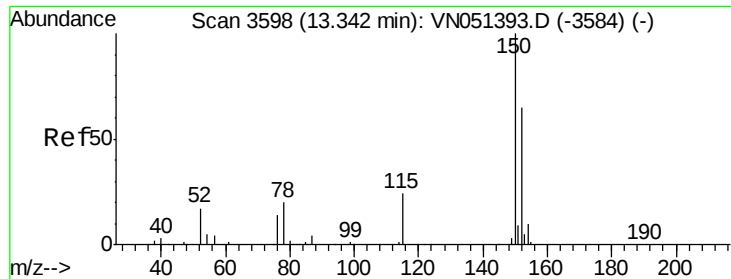
Ion 82.00 (81.70 to 82.70): VN051393.D (-2981) (-)

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: VN051547.D

Acq: 26 Sep 2018 20:22

Instrument :

MSVOA_N

ClientSampleId :

PB113219ZHE#04

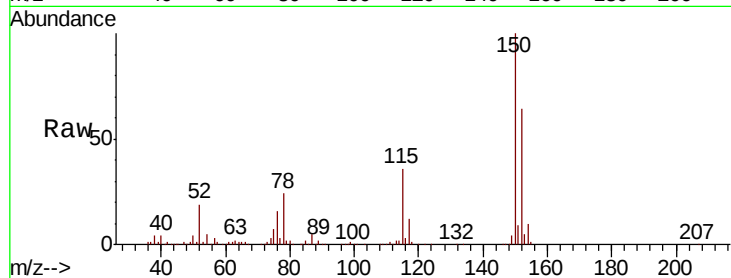
Tot Ion:152 Resp: 314460

Ion Ratio Lower Upper

152 100

115 56.7 28.3 84.9

150 156.9 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

