

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092718\
 Data File : VN051592.D
 Acq On : 27 Sep 2018 19:18
 Operator : MD\SY
 Sample : PB113263ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113263ZHE#04

Quant Time: Sep 28 02:09:10 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

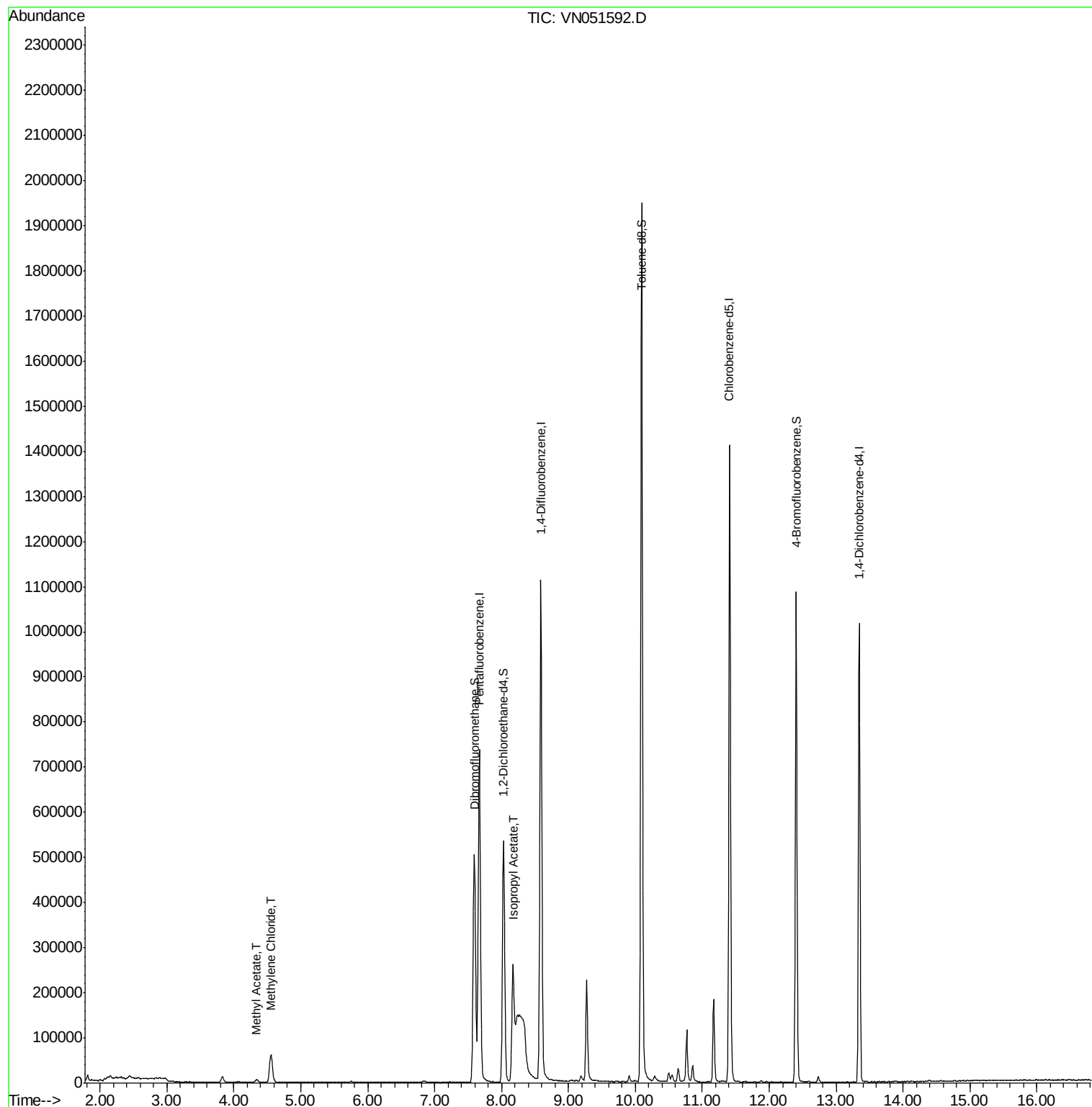
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	621868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1025172	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	847485	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	283214	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	460353	59.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.20%	
35) Dibromofluoromethane	7.59	113	388556	47.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.80%	
50) Toluene-d8	10.09	98	1408316	45.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.24%	
62) 4-Bromofluorobenzene	12.40	95	370124	37.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.12%	
Target Compounds						
18) Methyl Acetate	4.34	43	13420	2.262	ug/l #	77
20) Methylene Chloride	4.55	84	45561	5.910	ug/l	98
43) Isopropyl Acetate	8.17	43	343296	27.813	ug/l #	91

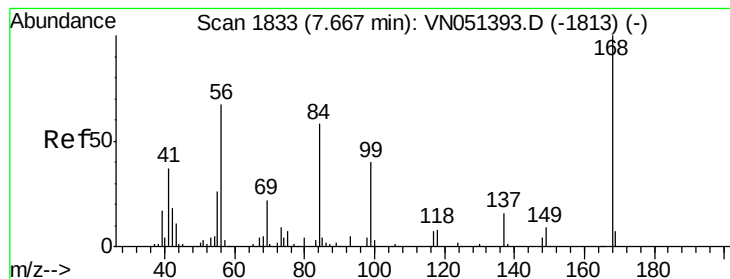
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 24 06:41:32 2018
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: VN051592.D

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MSVOA_N

ClientSampleId :

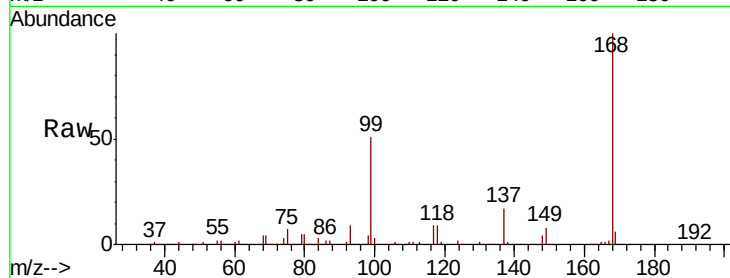
PB113263ZHE#04

Tot Ion:168 Resp: 621868

Ion Ratio Lower Upper

168 100

99 51.4 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

250000

200000

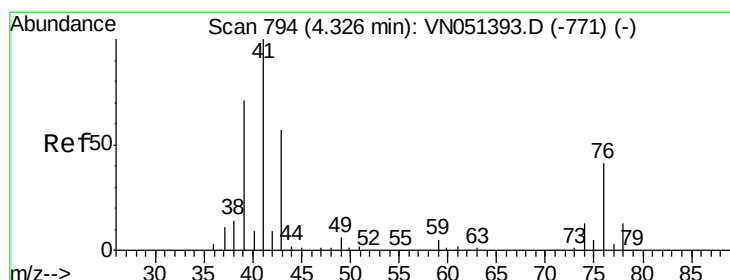
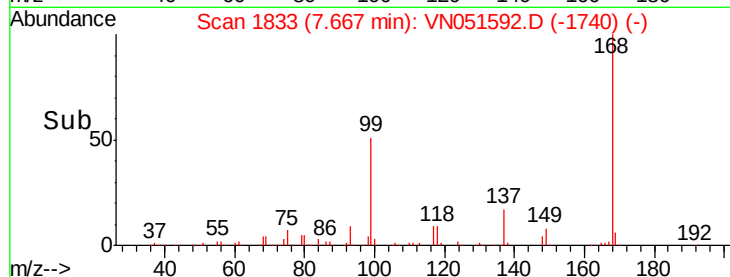
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 2.262 ug/l

RT: 4.34 min Scan# 799

Delta R.T. 0.02 min

Lab File: VN051592.D

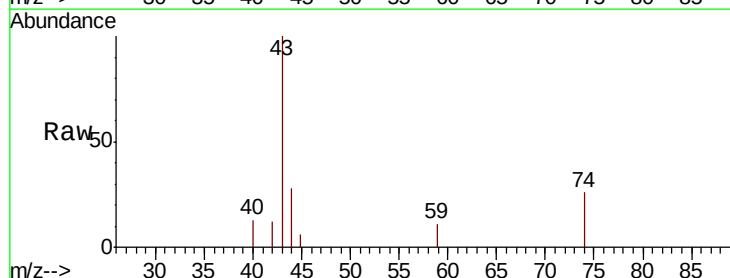
Acq: 27 Sep 2018 19:18

Tgt Ion: 43 Resp: 13420

Ion Ratio Lower Upper

43 100

74 12.3 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

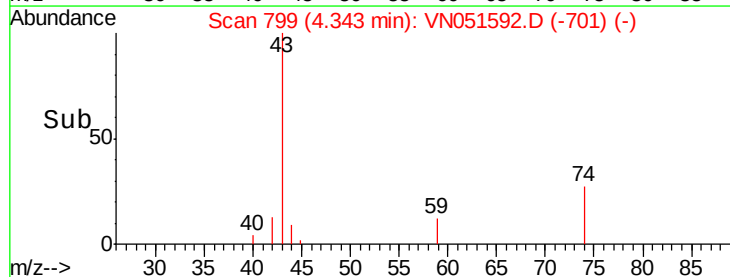
3000

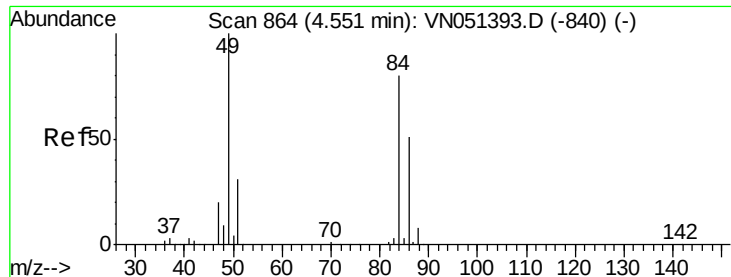
2000

1000

0

Time-->

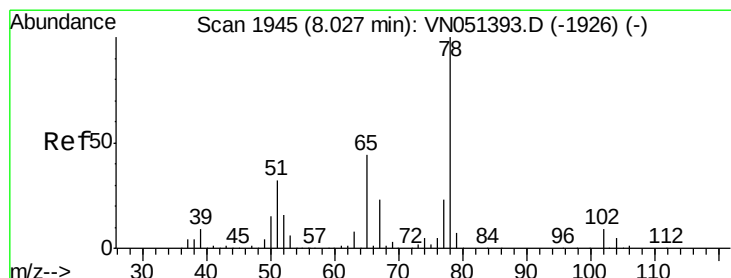
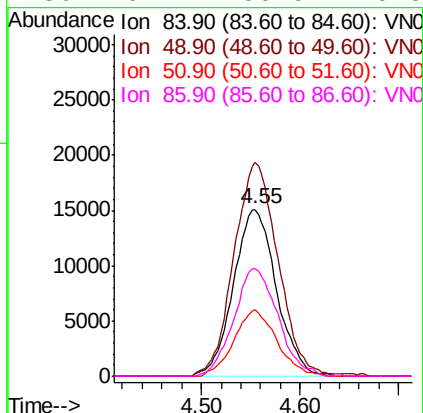
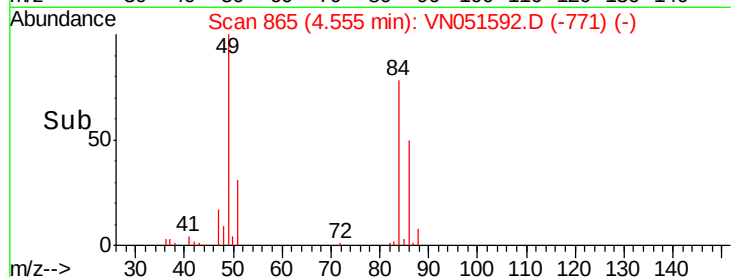
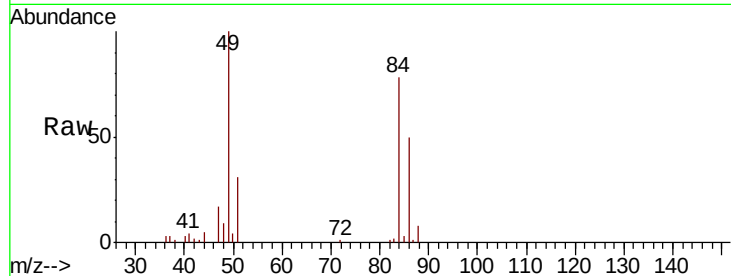




#20
Methylene Chloride
Concen: 5.910 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051592.D
Acq: 27 Sep 2018 19:18

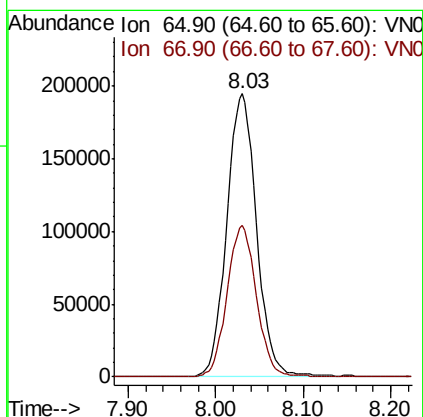
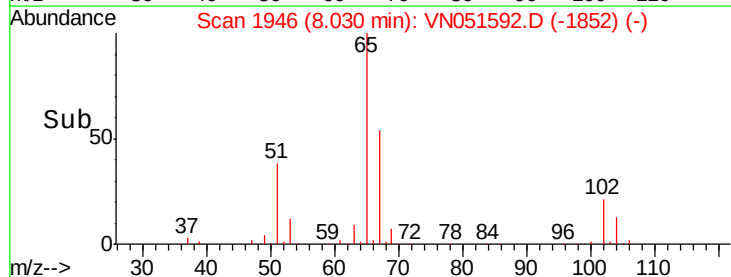
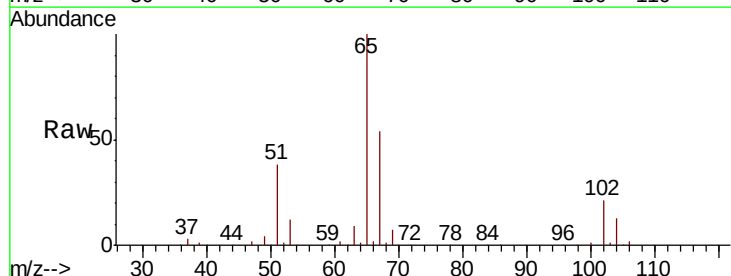
Instrument :
MSVOA_N
ClientSampleId :
PB113263ZHE#04

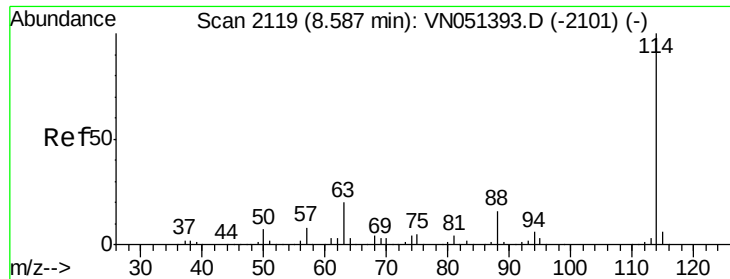
Tot Ion: 84 Resp: 45561
Ion Ratio Lower Upper
84 100
49 128.3 99.9 149.9
51 40.1 31.4 47.2
86 64.2 50.9 76.3



#33
1,2-Dichloroethane-d4
Concen: 59.095 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051592.D
Acq: 27 Sep 2018 19:18

Tgt Ion: 65 Resp: 460353
Ion Ratio Lower Upper
65 100
67 52.7 0.0 107.8

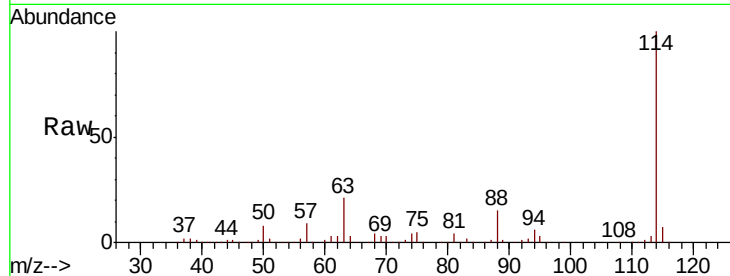




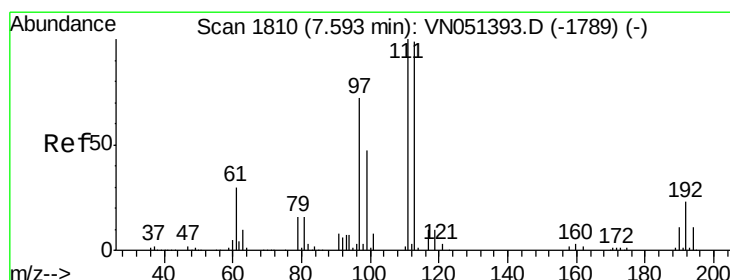
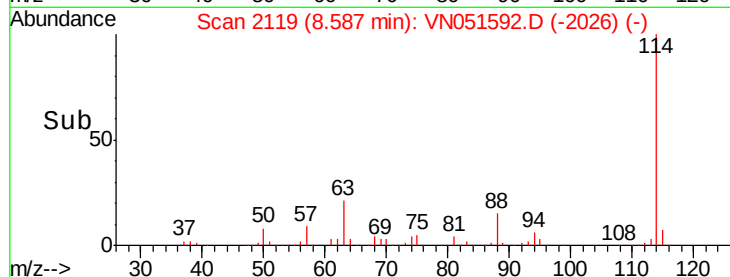
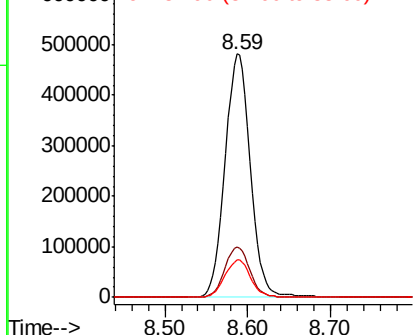
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051592.D
 Acq: 27 Sep 2018 19:18

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113263ZHE#04

Tot Ion:114 Resp: 1025172
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.2
 88 15.2 0.0 31.4

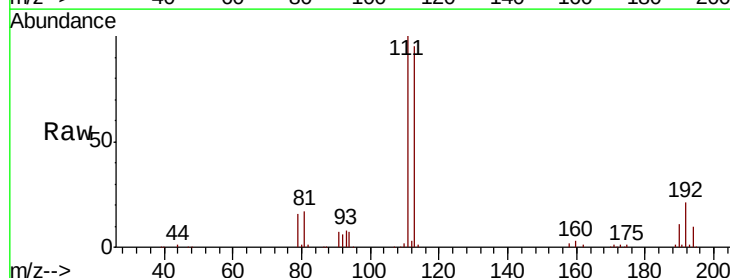


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

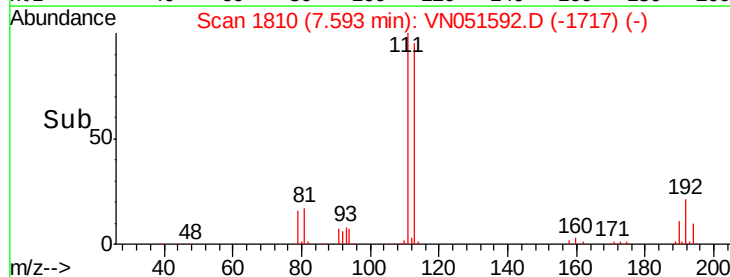
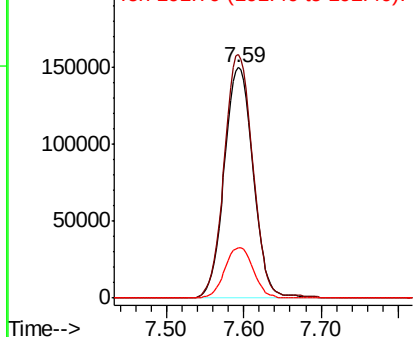


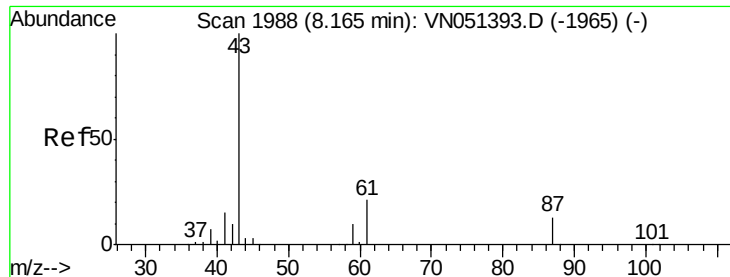
#35
 Dibromofluoromethane
 Concen: 47.397 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051592.D
 Acq: 27 Sep 2018 19:18

Tgt Ion:113 Resp: 388556
 Ion Ratio Lower Upper
 113 100
 111 104.4 82.6 123.8
 192 21.7 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: 27.813 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051592.D

Acq: 27 Sep 2018 19:18

Instrument :

MSVOA_N

ClientSampleId :

PB113263ZHE#04

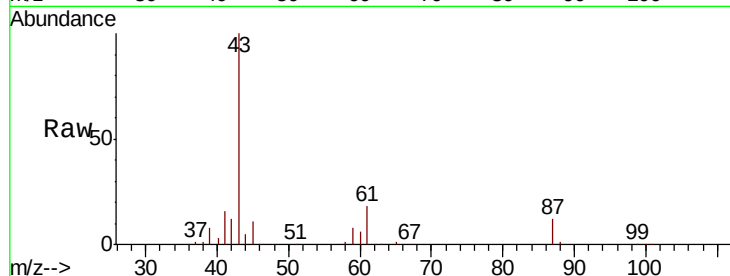
Tot Ion: 43 Resp: 343296

Ion Ratio Lower Upper

43 100

61 16.4 16.8 25.2#

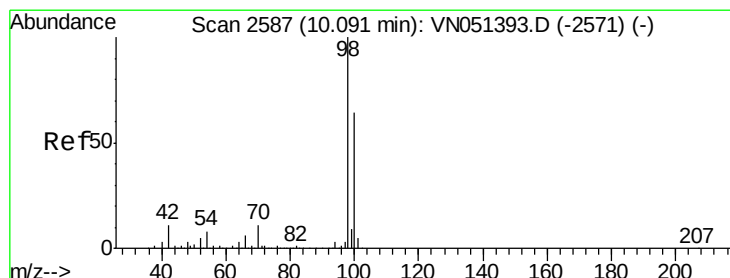
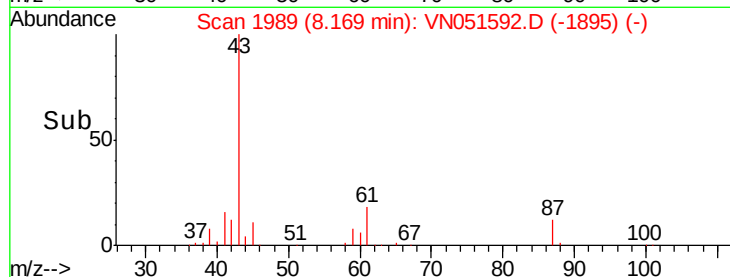
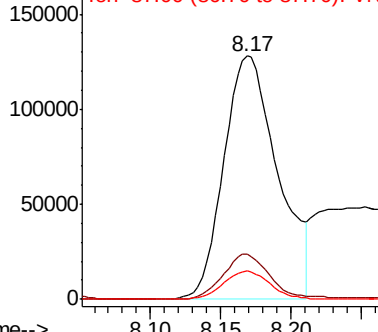
87 10.1 10.7 16.1#



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: 45.621 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN051592.D

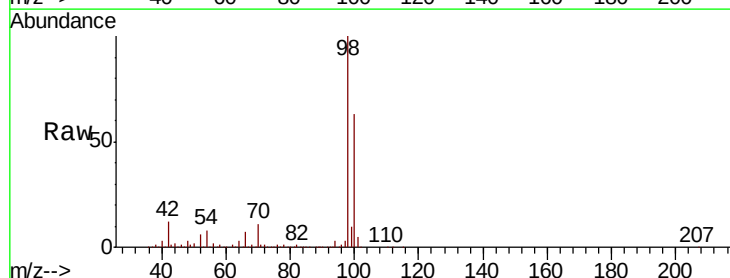
Acq: 27 Sep 2018 19:18

Tgt Ion: 98 Resp: 1408316

Ion Ratio Lower Upper

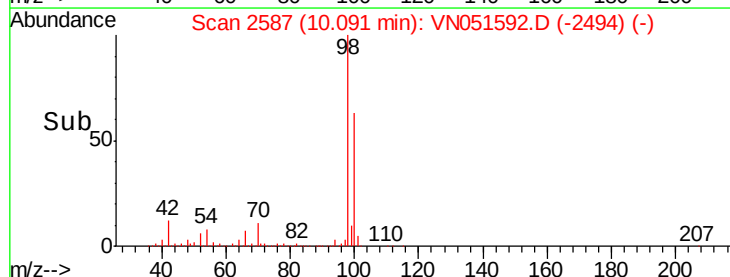
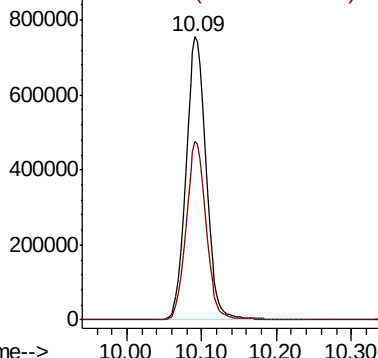
98 100

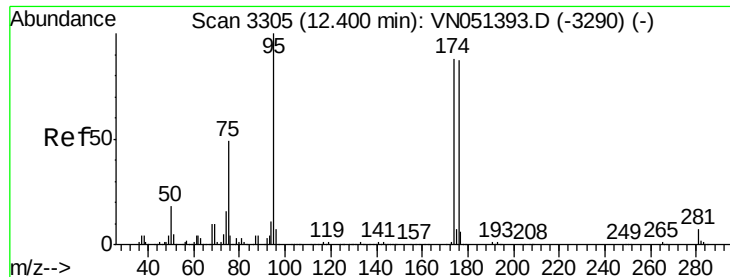
100 62.3 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

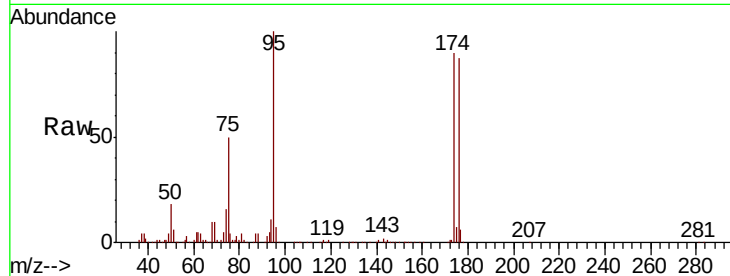




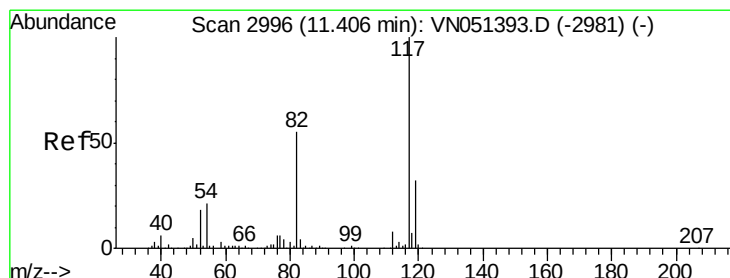
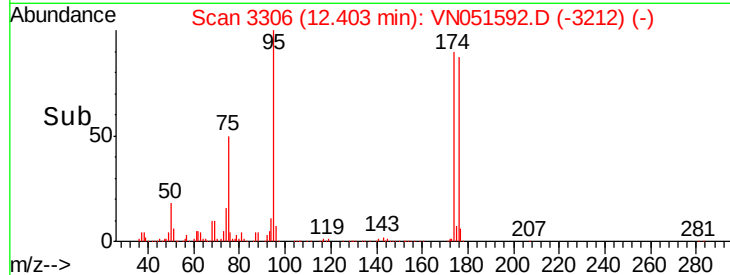
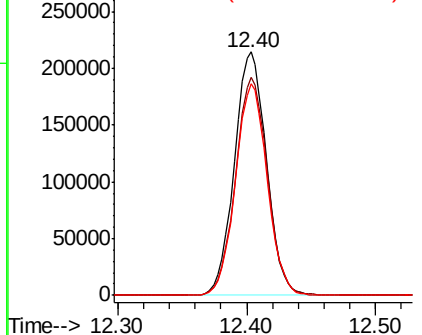
#62
4-Bromofluorobenzene
Concen: 37.063 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051592.D
Acq: 27 Sep 2018 19:18

Instrument :
MSVOA_N
ClientSampleId :
PB113263ZHE#04

Tot Ion: 95 Resp: 370124
Ion Ratio Lower Upper
95 100
174 89.6 0.0 181.6
176 86.2 0.0 176.4

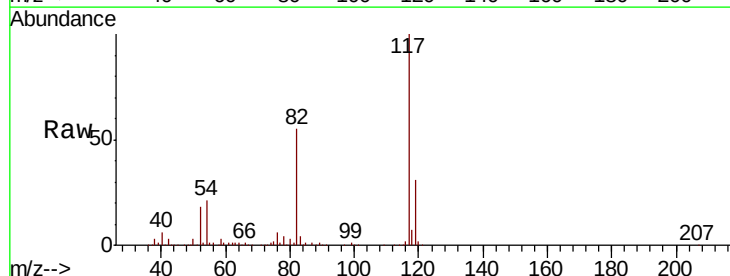


Abundance Ion 94.90 (94.60 to 95.60): VN0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

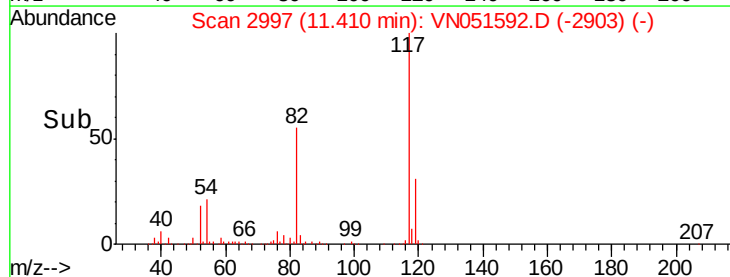
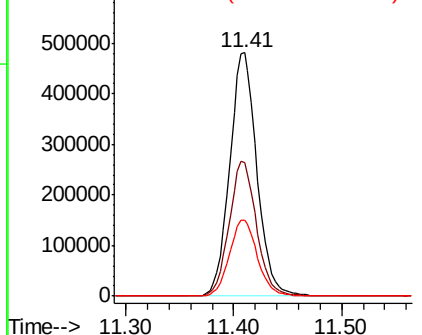


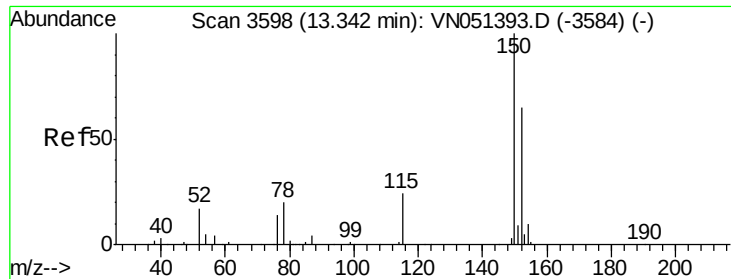
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051592.D
Acq: 27 Sep 2018 19:18

Tgt Ion: 117 Resp: 847485
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.2
119 31.4 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN0
Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051592.D

Acq: 27 Sep 2018 19:18

Instrument :

MSVOA_N

ClientSampleId :

PB113263ZHE#04

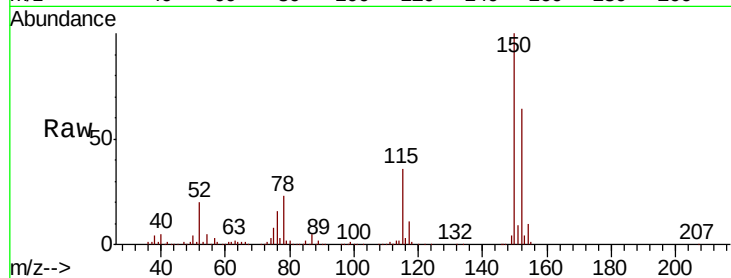
Tot Ion:152 Resp: 283214

Ion Ratio Lower Upper

152 100

115 57.1 28.3 84.9

150 158.4 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

