

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090418\
 Data File : VN051016.D
 Acq On : 4 Sep 2018 13:52
 Operator : MD\SY
 Sample : PB112553ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112553ZHE#02

Quant Time: Sep 05 01:55:51 2018
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

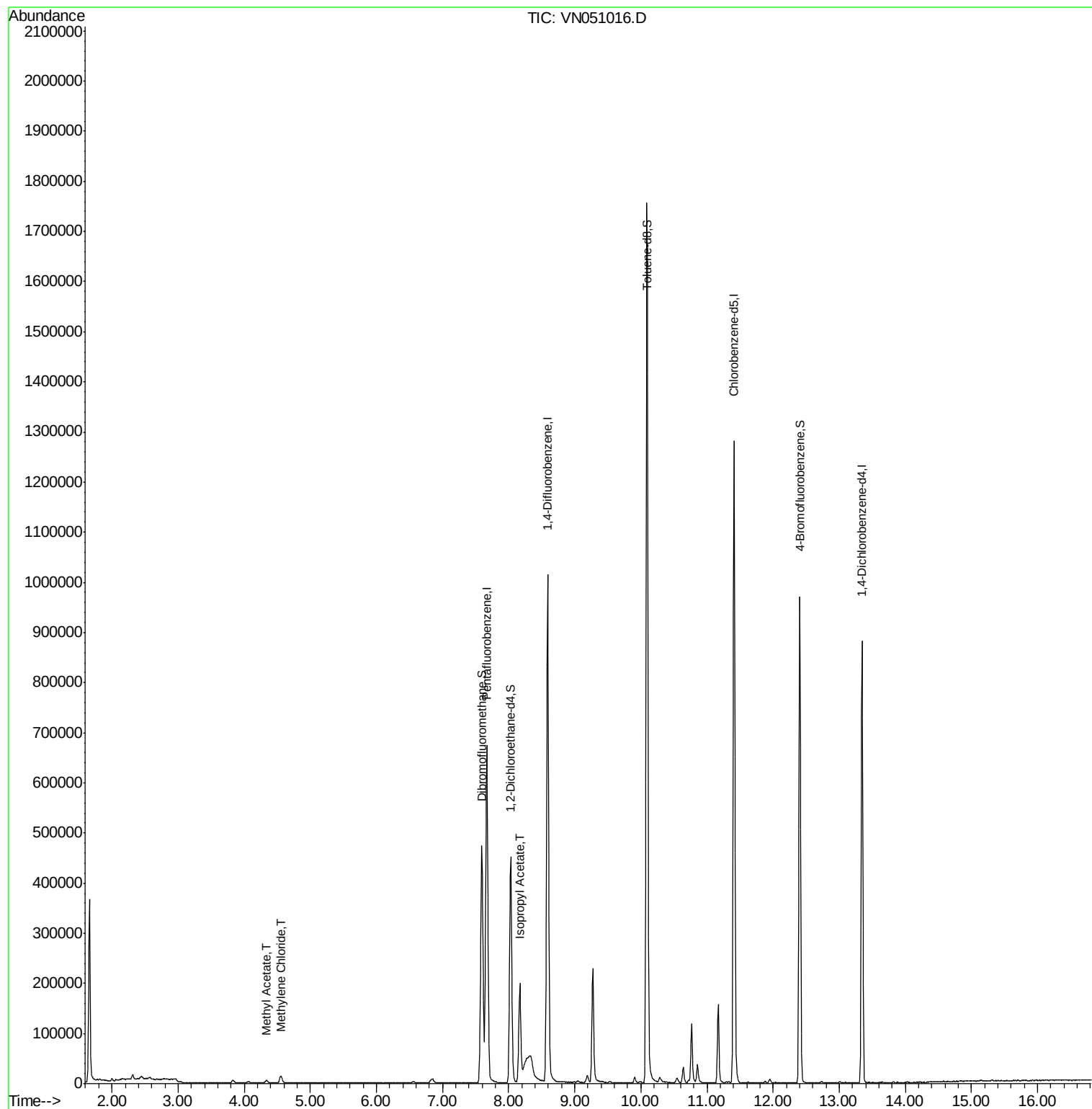
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	592344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	952606	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	805963	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	253927	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	381122	53.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.90%	
35) Dibromofluoromethane	7.59	113	366030	48.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.60%	
50) Toluene-d8	10.09	98	1305927	46.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.18%	
62) 4-Bromofluorobenzene	12.40	95	337982	35.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.80%	
Target Compounds						
18) Methyl Acetate	4.34	43	10573	1.57	ug/l	96
20) Methylene Chloride	4.55	84	10868	1.35	ug/l	98
43) Isopropyl Acetate	8.17	43	230656	20.78	ug/l	98

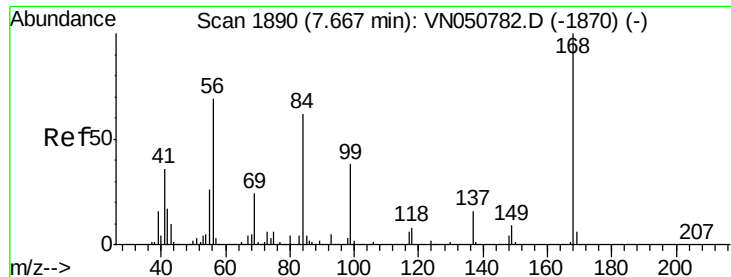
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN051016.D

Acq: 4 Sep 2018 13:52

Instrument :

MSVOA_N

ClientSampleId :

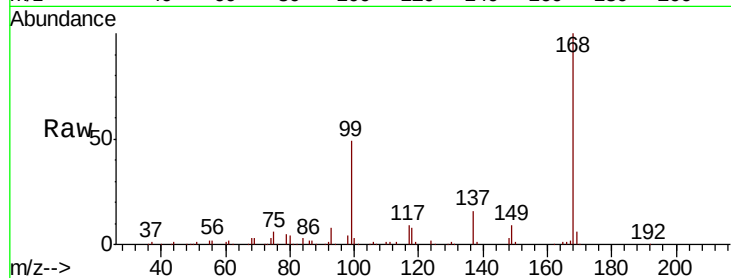
PB112553ZHE#02

Tot Ion:168 Resp: 592344

Ion Ratio Lower Upper

168 100

99 48.9 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

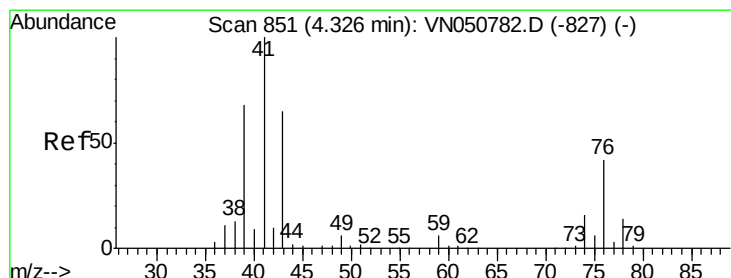
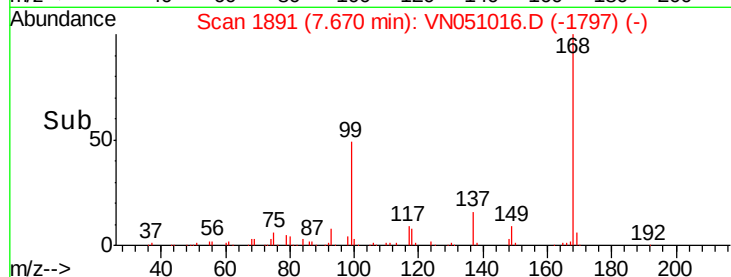
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 1.57 ug/l

RT: 4.34 min Scan# 854

Delta R.T. 0.01 min

Lab File: VN051016.D

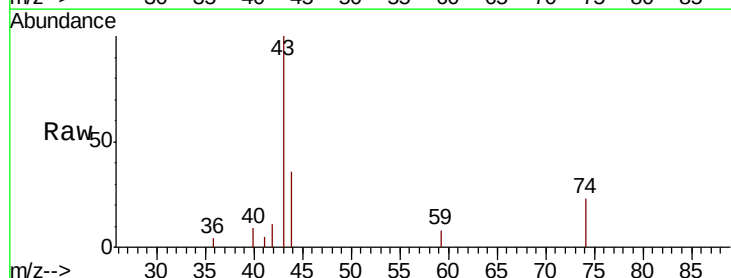
Acq: 4 Sep 2018 13:52

Tgt Ion: 43 Resp: 10573

Ion Ratio Lower Upper

43 100

74 23.0 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 74.00 (73.70 to 74.70): VN

4.34

4000

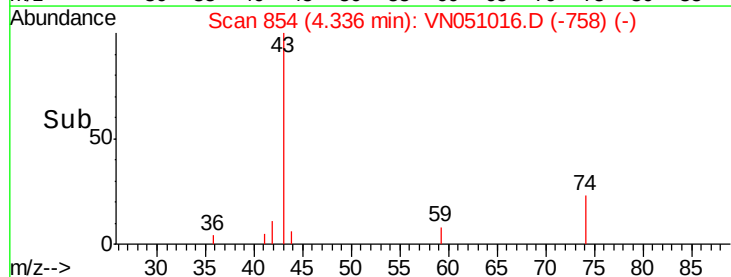
3000

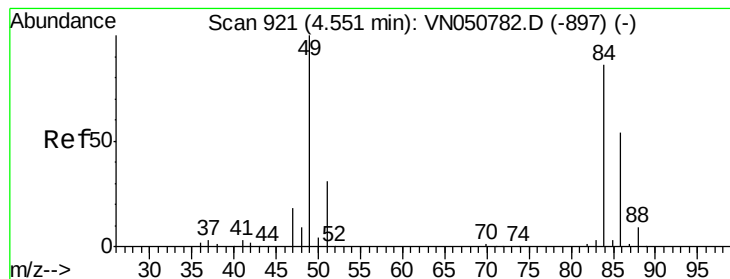
2000

1000

0

Time-->





#20

Methvlene Chloride

Concen: 1.35 ug/l

RT: 4.55 min Scan# 921

Delta R.T. 0.00 min

Lab File: VN051016.D

Acq: 4 Sep 2018 13:52

Instrument :

MSVOA_N

ClientSampleId :

PB112553ZHE#02

Tot Ion: 84 Resp: 10868

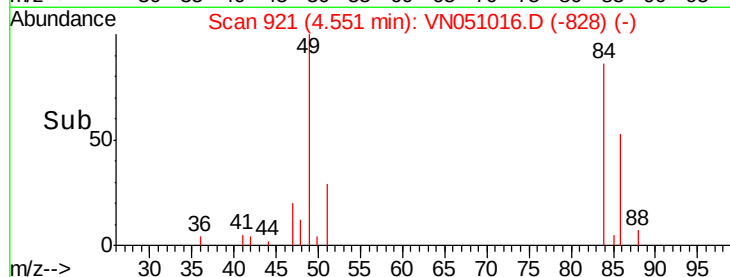
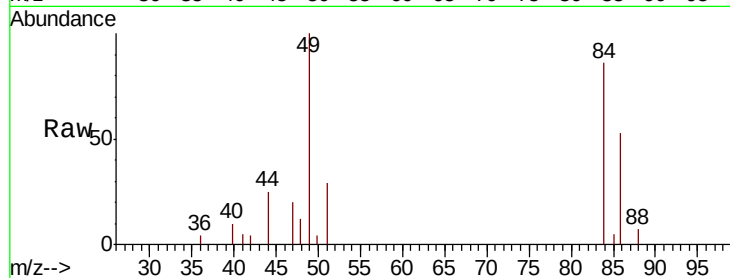
Ion Ratio Lower Upper

84 100

49 115.7 93.2 139.8

51 33.1 29.0 43.6

86 61.8 49.8 74.8

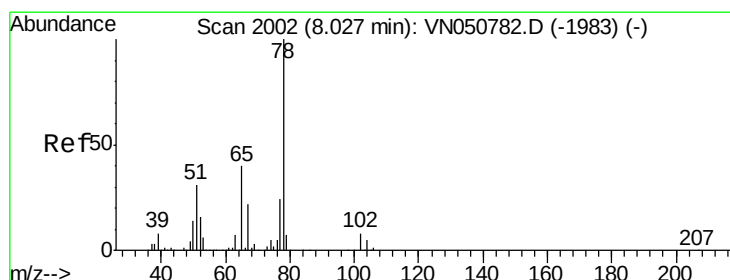
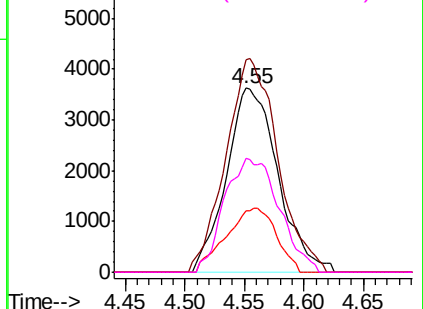


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 53.45 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN051016.D

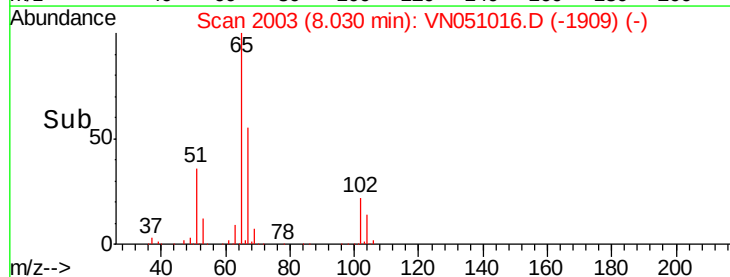
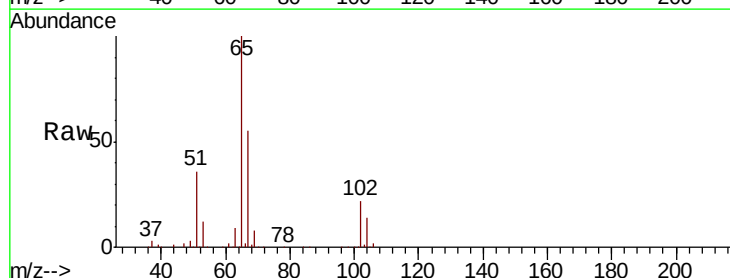
Acq: 4 Sep 2018 13:52

Tgt Ion: 65 Resp: 381122

Ion Ratio Lower Upper

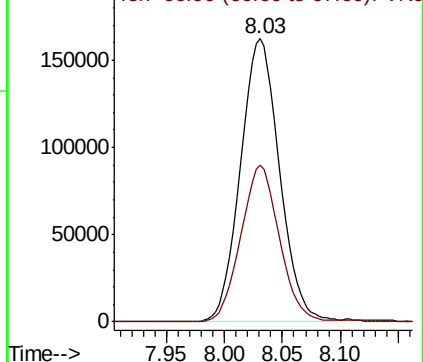
65 100

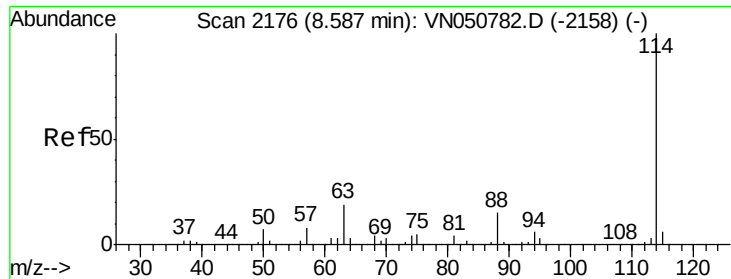
67 54.7 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

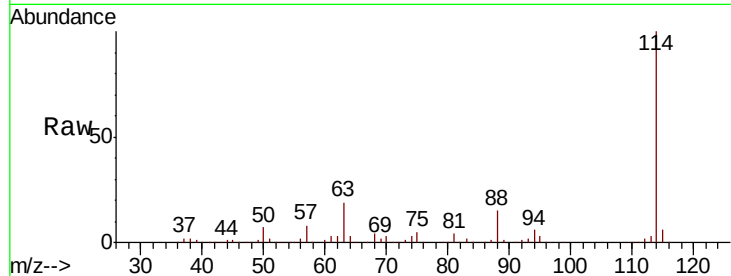




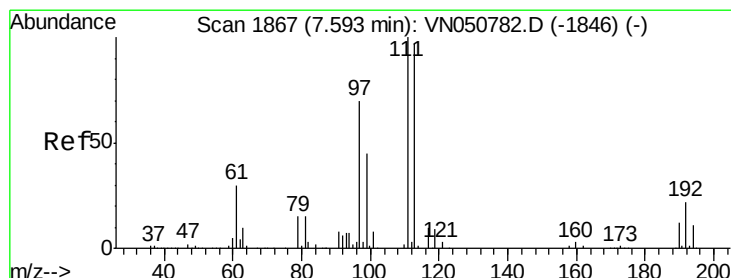
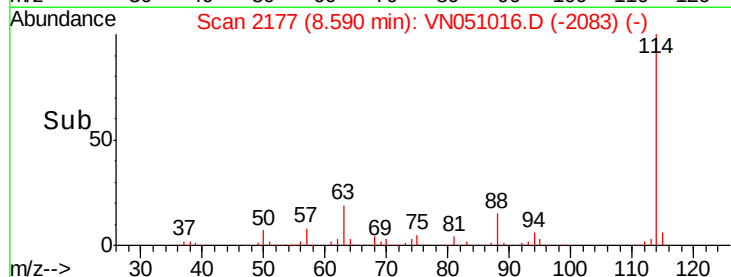
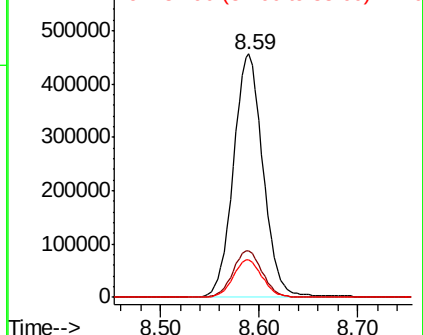
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VN051016.D
 Acq: 4 Sep 2018 13:52

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112553ZHE#02

Tot Ion:114 Resp: 952606
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.6
 88 15.2 0.0 30.6

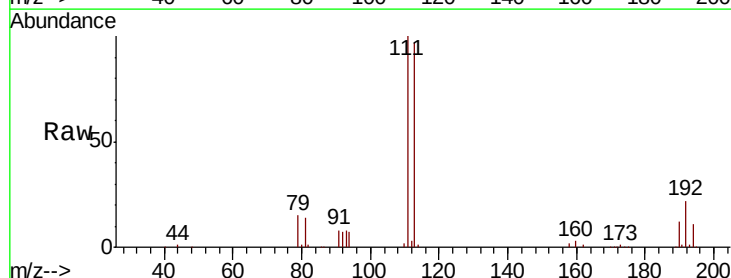


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

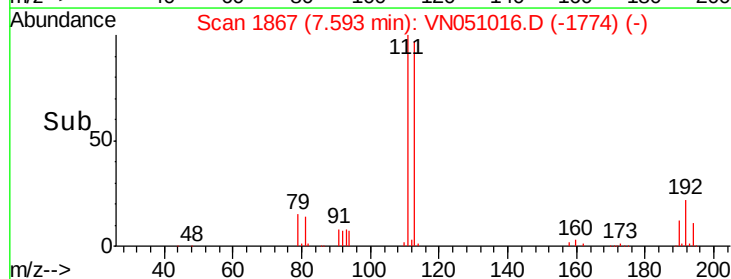
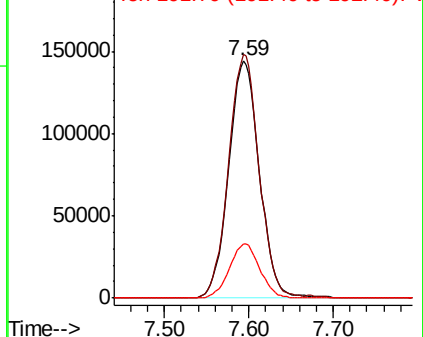


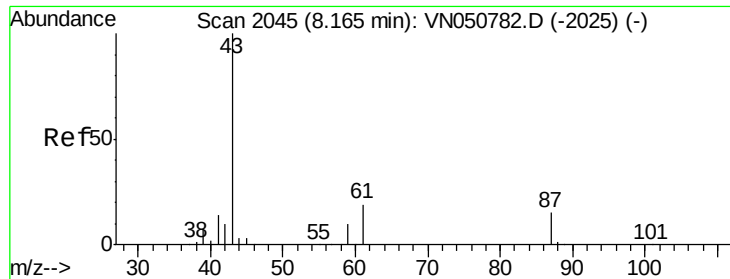
#35
 Dibromofluoromethane
 Concen: 48.30 ug/l
 RT: 7.59 min Scan# 1867
 Delta R.T. 0.00 min
 Lab File: VN051016.D
 Acq: 4 Sep 2018 13:52

Tgt Ion:113 Resp: 366030
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.6 123.8
 192 22.6 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: 20.78 ug/l

RT: 8.17 min Scan# 2046

Delta R.T. 0.00 min

Lab File: VN051016.D

Acq: 4 Sep 2018 13:52

Instrument :

MSVOA_N

ClientSampleId :

PB112553ZHE#02

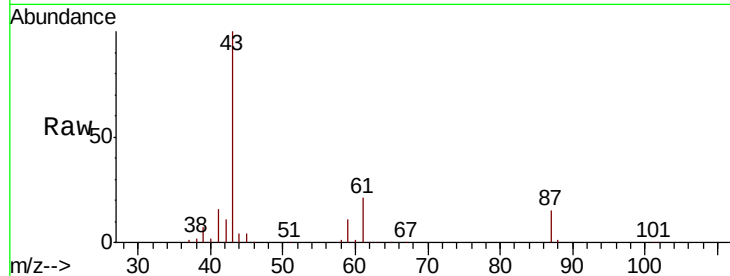
Tot Ion: 43 Resp: 230656

Ion Ratio Lower Upper

43 100

61 20.8 17.5 26.3

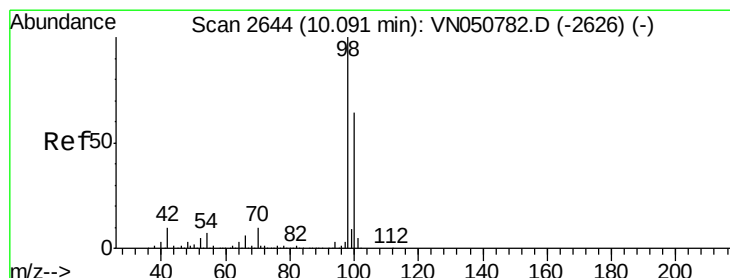
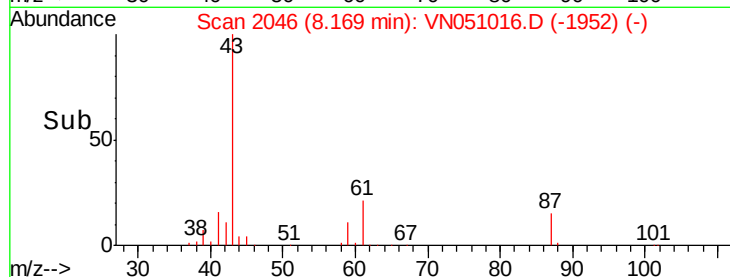
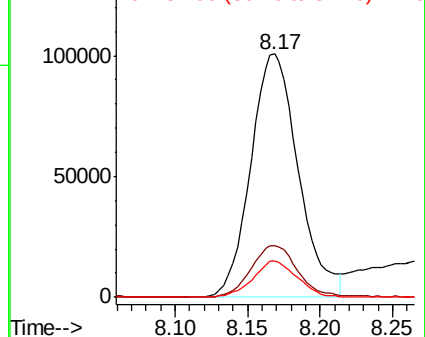
87 13.9 11.3 16.9



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: 46.09 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VN051016.D

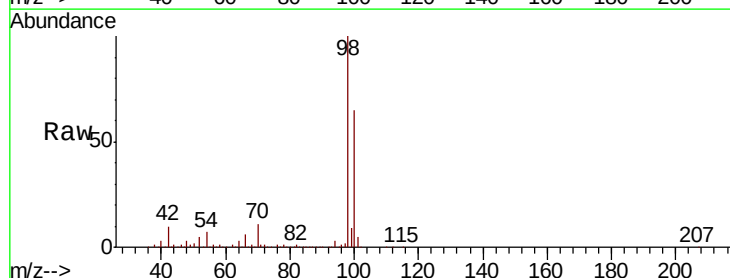
Acq: 4 Sep 2018 13:52

Tgt Ion: 98 Resp: 1305927

Ion Ratio Lower Upper

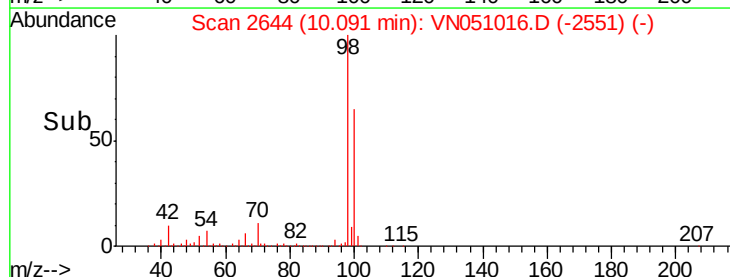
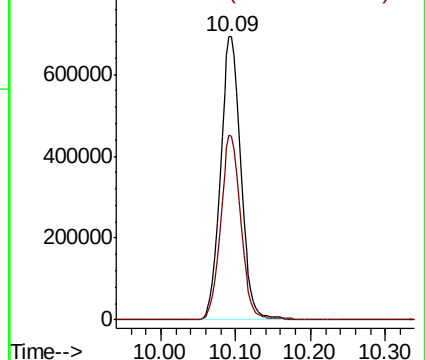
98 100

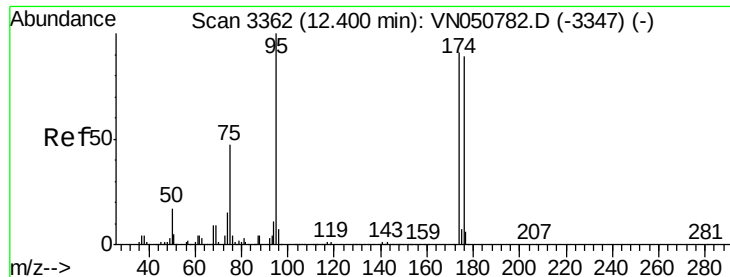
100 64.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 35.90 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN051016.D

Acq: 4 Sep 2018 13:52

Instrument :

MSVOA_N

ClientSampleId :

PB112553ZHE#02

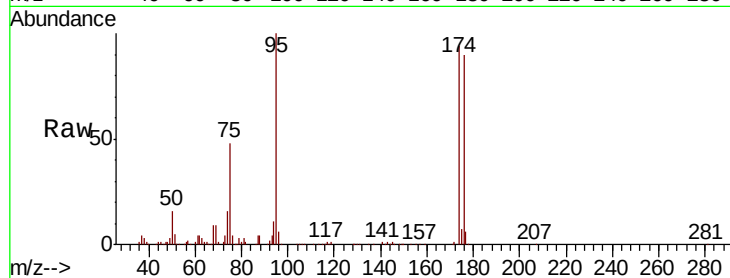
Tot Ion: 95 Resp: 337982

Ion Ratio Lower Upper

95 100

174 93.9 0.0 183.0

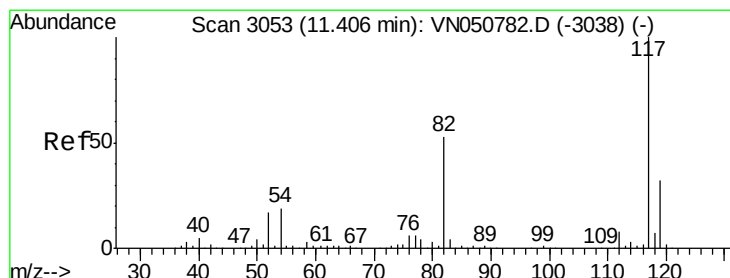
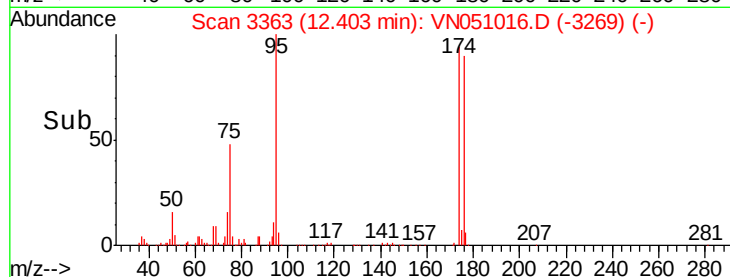
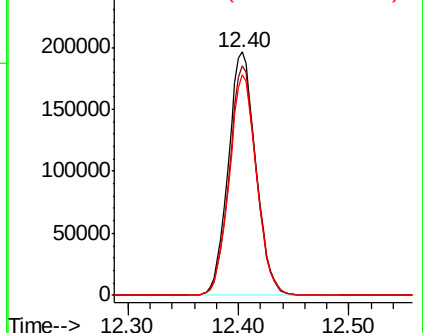
176 90.1 0.0 178.8



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: 50.00 ug/l

RT: 11.41 min Scan# 3054

Delta R.T. 0.00 min

Lab File: VN051016.D

Acq: 4 Sep 2018 13:52

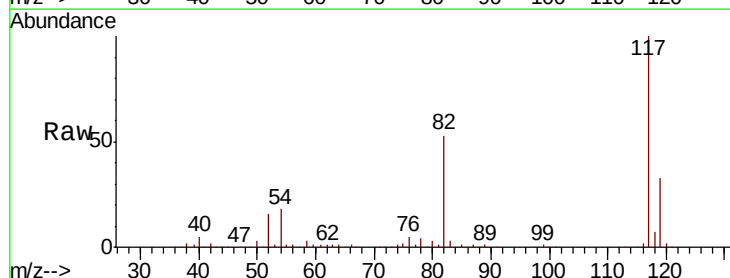
Tgt Ion: 117 Resp: 805963

Ion Ratio Lower Upper

117 100

82 53.1 42.6 64.0

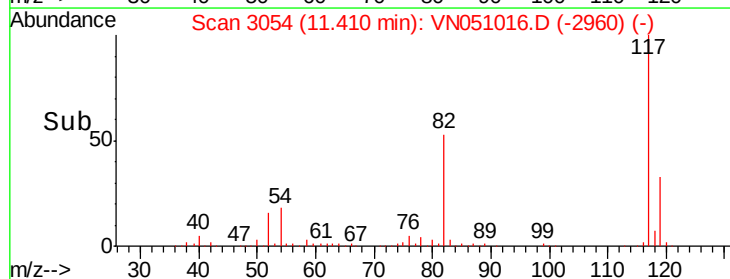
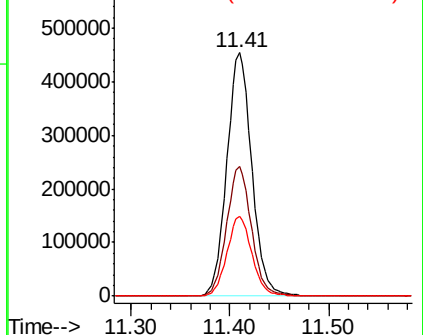
119 32.7 25.8 38.6

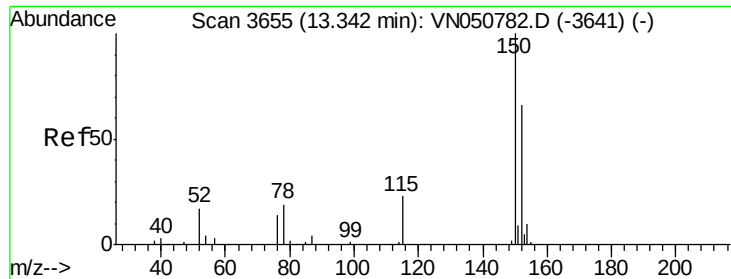


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3656

Delta R.T. 0.00 min

Lab File: VN051016.D

Acq: 4 Sep 2018 13:52

Instrument :

MSVOA_N

ClientSampleId :

PB112553ZHE#02

Tot Ion:152 Resp: 253927

Ion Ratio Lower Upper

152 100

115 55.4 27.8 83.4

150 157.5 0.0 351.4

