

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041319\
 Data File : VN055017.D
 Acq On : 12 Apr 2019 23:18
 Operator : JC/SP
 Sample : K2377-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-12-S

Quant Time: Apr 15 01:12:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 13 03:34:24 2019
 Response via : Initial Calibration

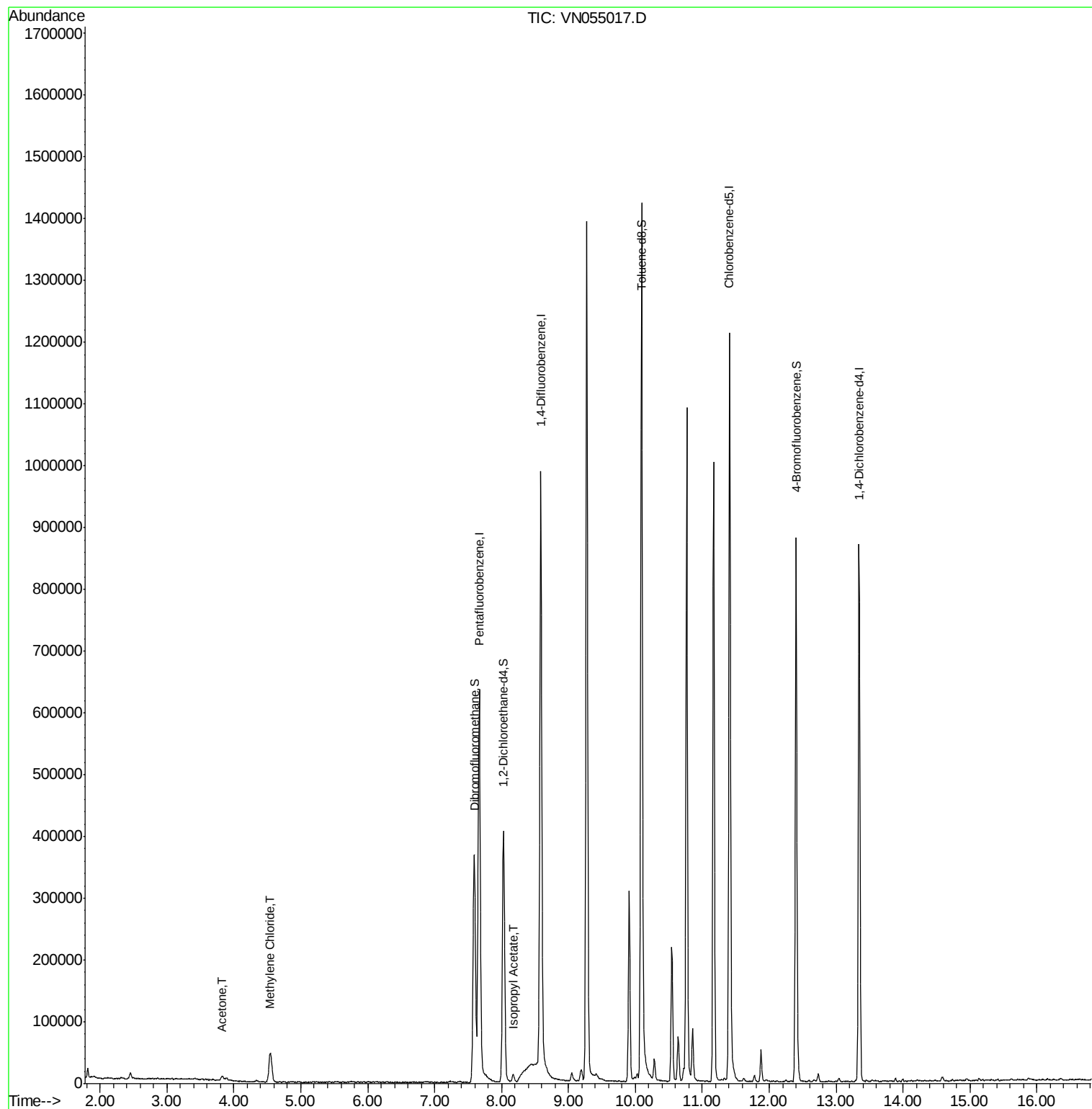
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	536829	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	877359	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	730247	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	239239	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	343729	51.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.04%	
35) Dibromofluoromethane	7.59	113	278361	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.54%	
50) Toluene-d8	10.09	98	1039384	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
62) 4-Bromofluorobenzene	12.40	95	303979	43.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.86%	
Target Compounds						
16) Acetone	3.82	43	9989	5.397	ug/l	95
20) Methylene Chloride	4.54	84	33273	4.151	ug/l	95
43) Isopropyl Acetate	8.17	43	15534	1.492	ug/l	98

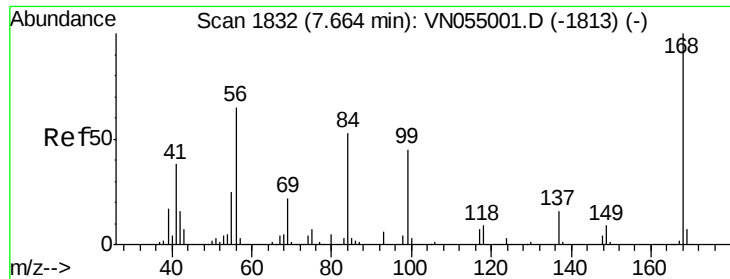
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055017.D

Acq: 12 Apr 2019 23:18

Instrument :

MSVOA_N

ClientSampleId :

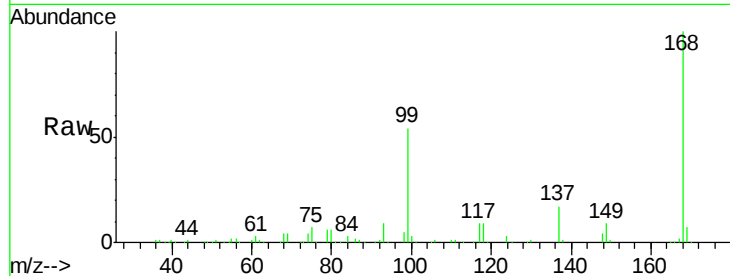
TP-12-S

Tot Ion:168 Resp: 536829

Ion Ratio Lower Upper

168 100

99 54.4 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

200000

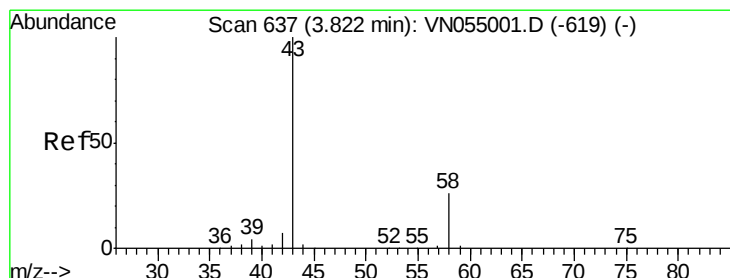
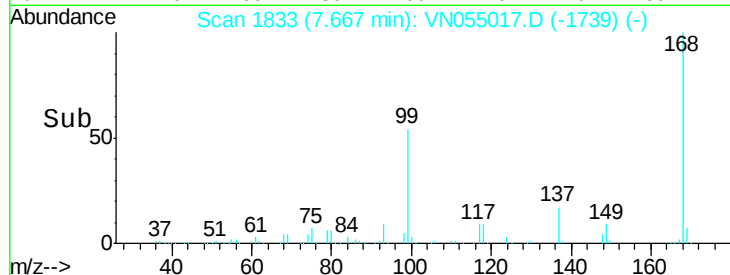
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#16

Acetone

Concen: 5.397 ug/l

RT: 3.82 min Scan# 637

Delta R.T. -0.00 min

Lab File: VN055017.D

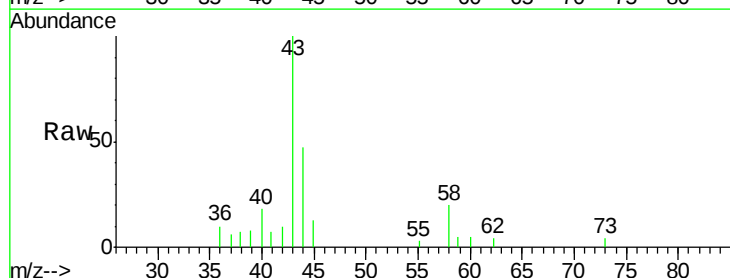
Acq: 12 Apr 2019 23:18

Tgt Ion: 43 Resp: 9989

Ion Ratio Lower Upper

43 100

58 23.5 20.9 31.3



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

5000

4000

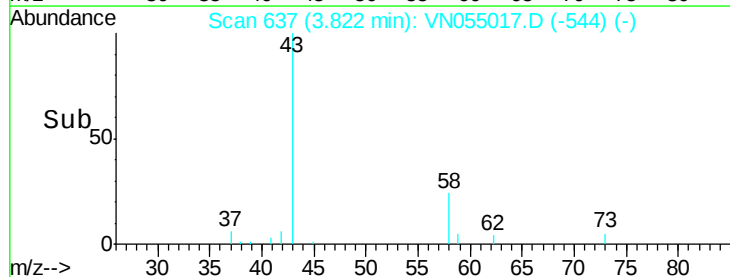
3000

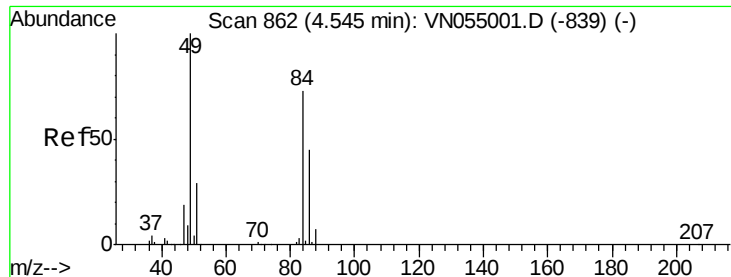
2000

1000

0

Time--> 3.75 3.80 3.85 3.90





#20

Methvlene Chloride

Concen: 4.151 ug/l

RT: 4.54 min Scan# 862

Delta R.T. -0.00 min

Lab File: VN055017.D

Acq: 12 Apr 2019 23:18

Instrument :

MSVOA_N

ClientSampled :

TP-12-S

Tot Ion: 84 Resp: 33273

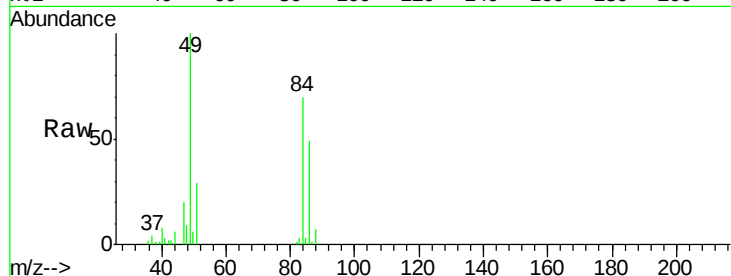
Ion Ratio Lower Upper

84 100

49 140.6 109.4 164.2

51 41.2 32.2 48.4

86 69.5 49.3 73.9

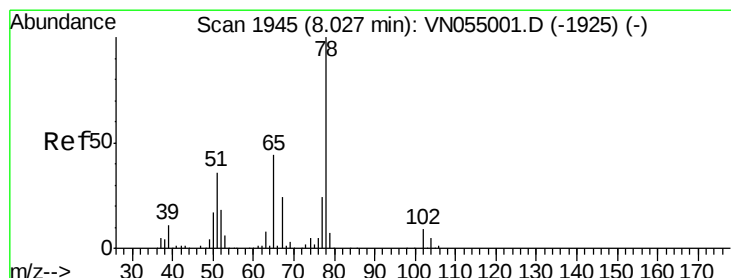
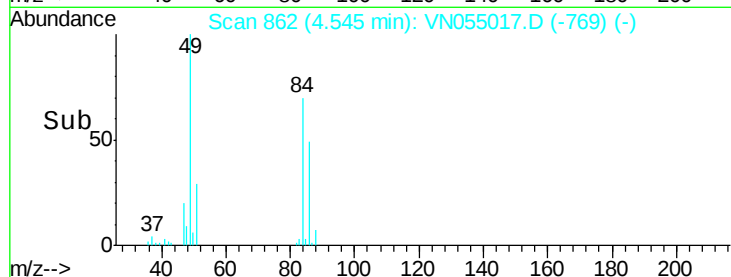
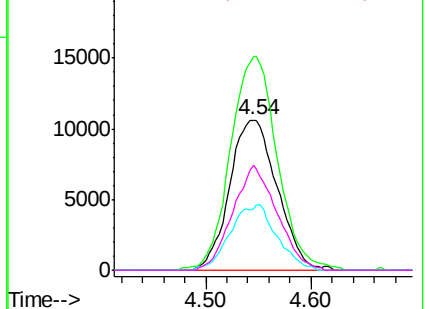


Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 51.022 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN055017.D

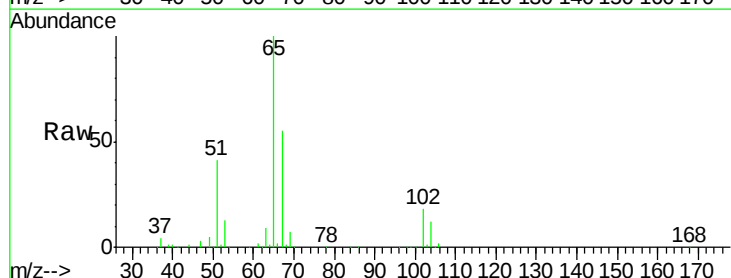
Acq: 12 Apr 2019 23:18

Tgt Ion: 65 Resp: 343729

Ion Ratio Lower Upper

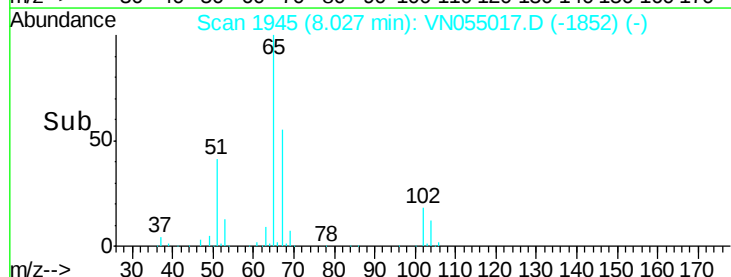
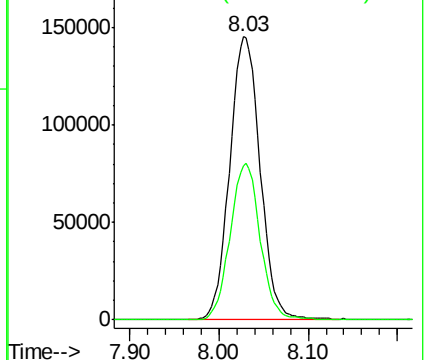
65 100

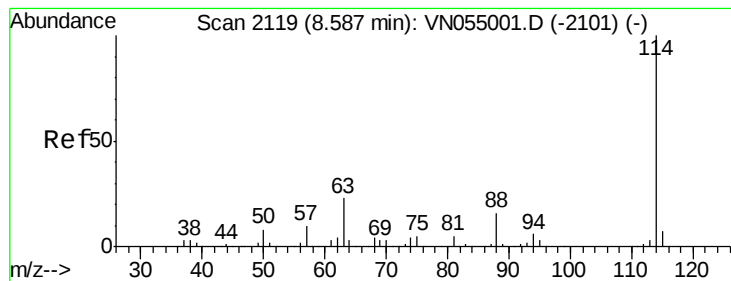
67 54.8 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN055017.D

Acq: 12 Apr 2019 23:18

Instrument :

MSVOA_N

ClientSampleId :

TP-12-S

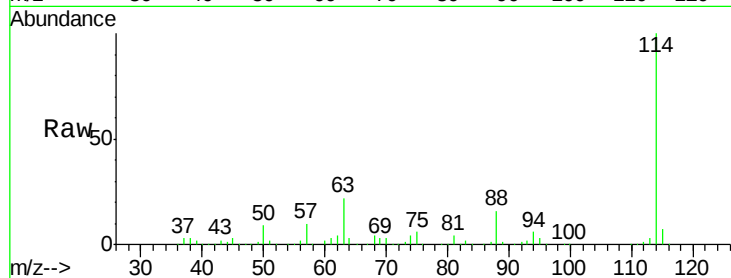
Tot Ion:114 Resp: 877359

Ion Ratio Lower Upper

114 100

63 21.6 0.0 45.2

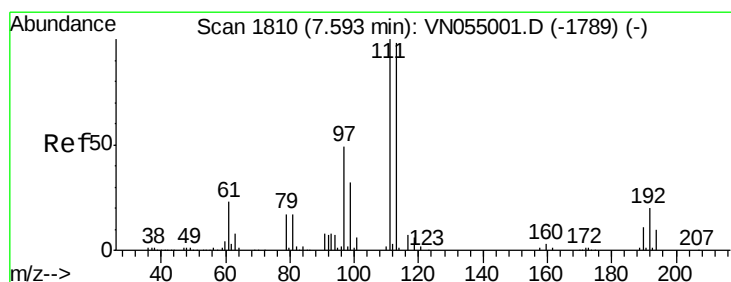
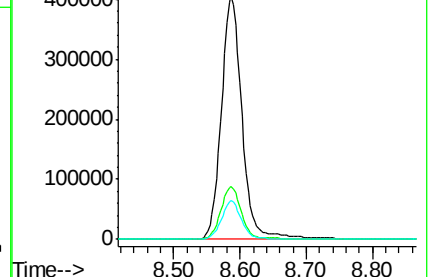
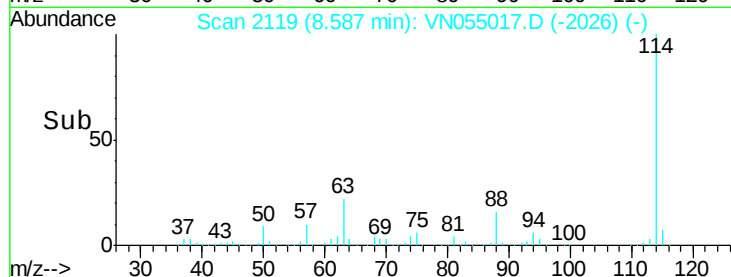
88 16.0 0.0 31.8



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: 49.770 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055017.D

Acq: 12 Apr 2019 23:18

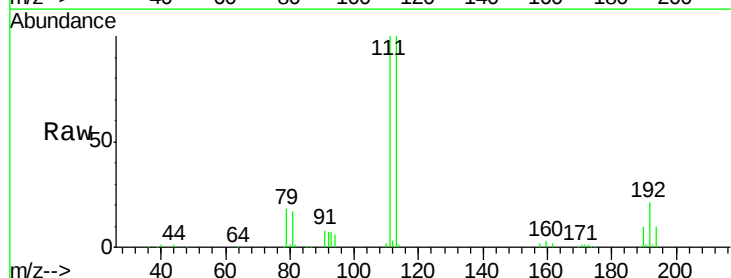
Tgt Ion:113 Resp: 278361

Ion Ratio Lower Upper

113 100

111 102.1 82.1 123.1

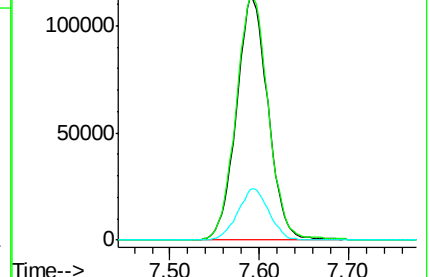
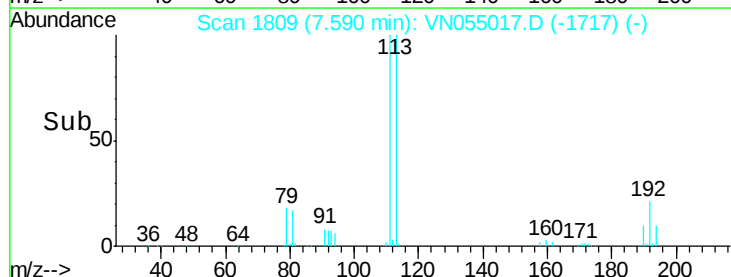
192 21.0 16.5 24.7

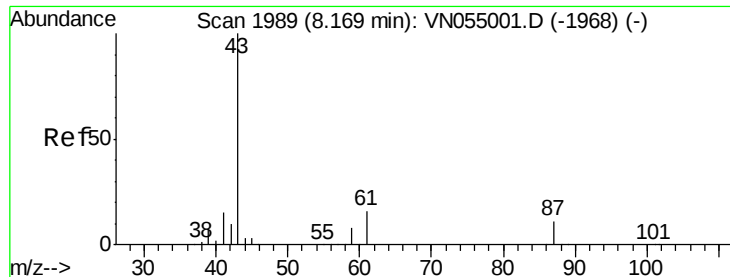


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.492 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.00 min

Lab File: VN055017.D

Acq: 12 Apr 2019 23:18

Instrument :

MSVOA_N

ClientSampleId :

TP-12-S

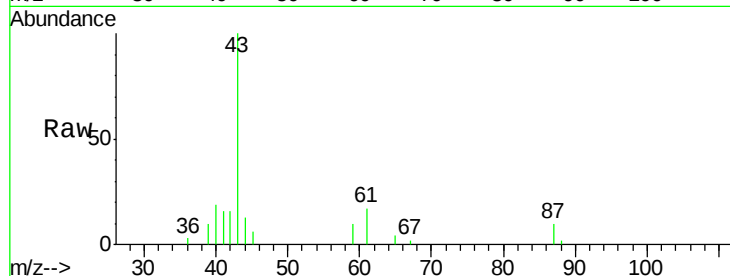
Tot Ion: 43 Resp: 15534

Ion Ratio Lower Upper

43 100

61 18.4 14.3 21.5

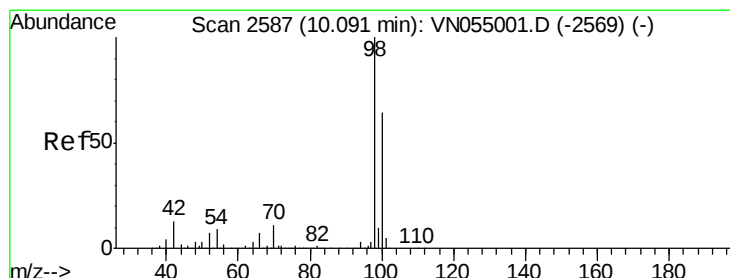
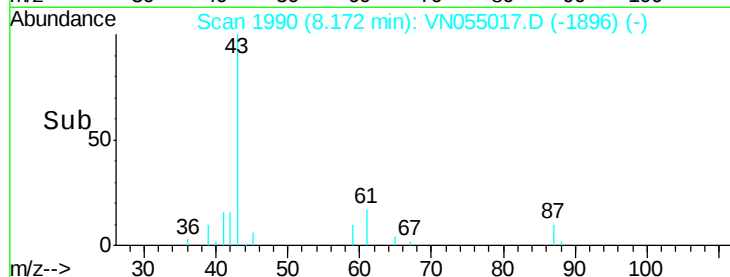
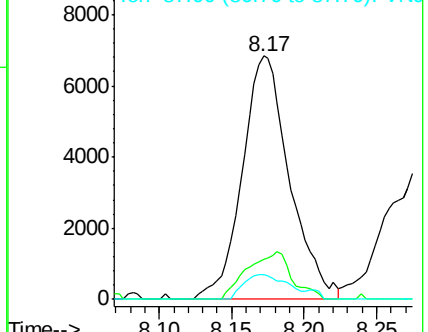
87 9.4 8.6 13.0



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: 50.598 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055017.D

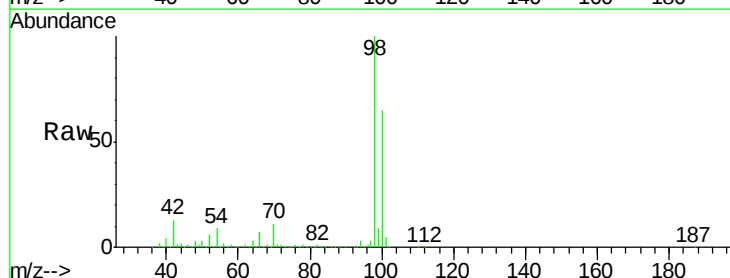
Acq: 12 Apr 2019 23:18

Tgt Ion: 98 Resp: 1039384

Ion Ratio Lower Upper

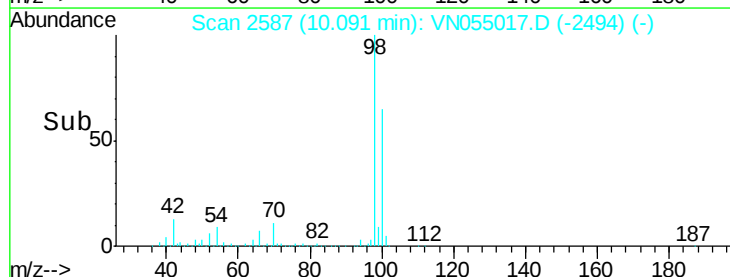
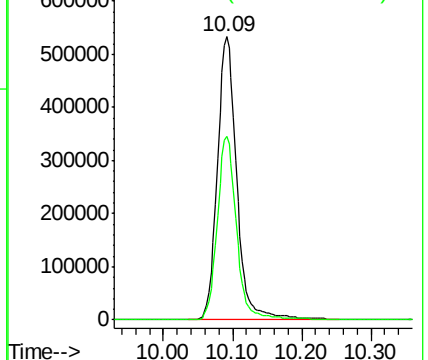
98 100

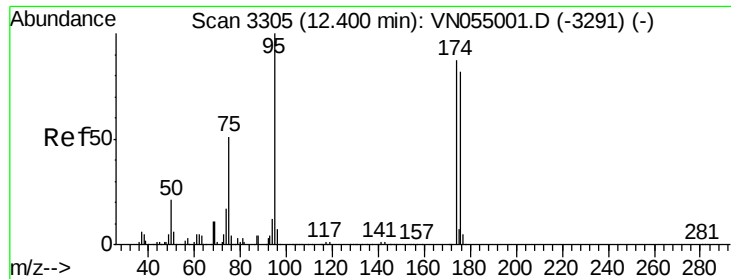
100 64.4 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 43.931 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055017.D

Acq: 12 Apr 2019 23:18

Instrument :

MSVOA_N

ClientSampleId :

TP-12-S

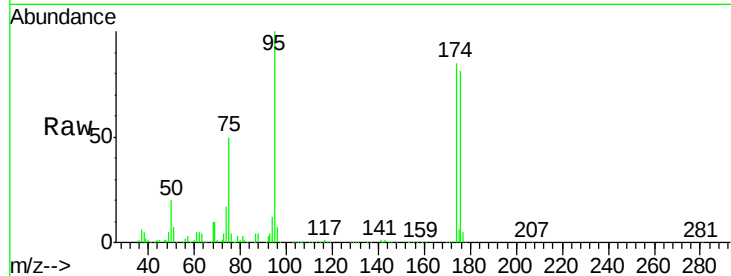
Tot Ion: 95 Resp: 303979

Ion Ratio Lower Upper

95 100

174 85.0 0.0 174.4

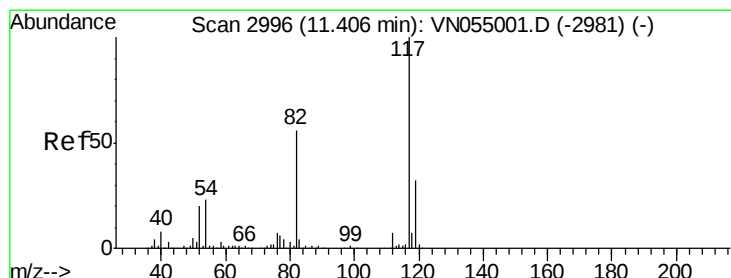
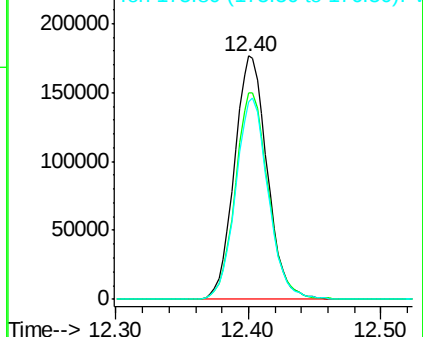
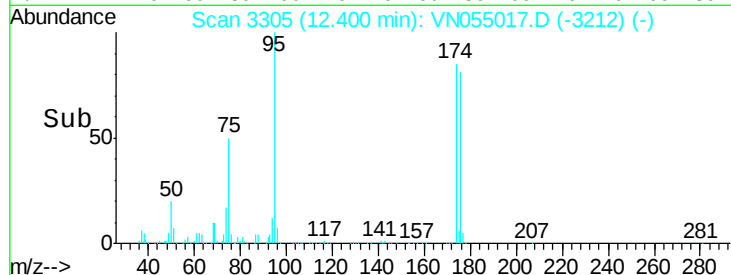
176 81.9 0.0 166.8



Abundance Ion 94.90 (94.60 to 95.60): VN055017.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN055017.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN055017.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN055017.D

Acq: 12 Apr 2019 23:18

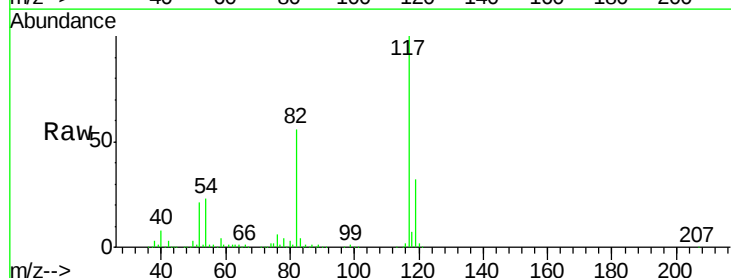
Tgt Ion: 117 Resp: 730247

Ion Ratio Lower Upper

117 100

82 56.3 44.6 66.8

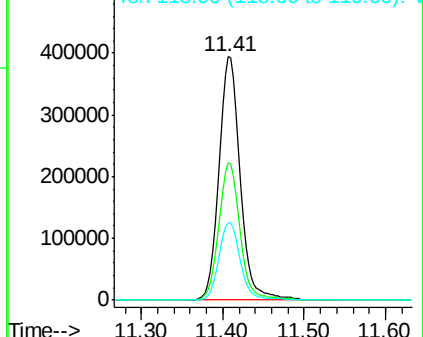
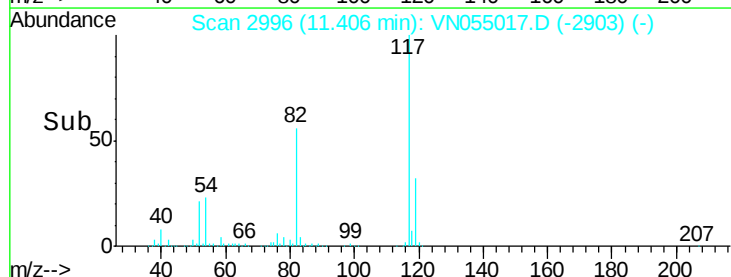
119 31.8 25.5 38.3

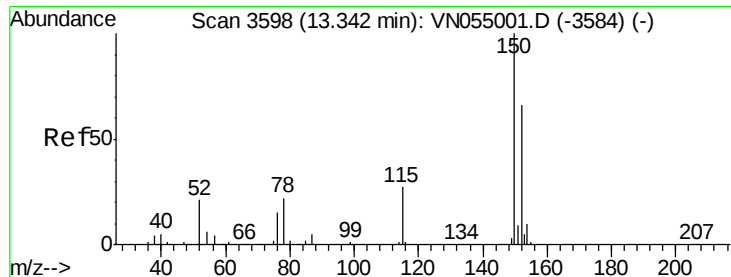


Abundance Ion 116.90 (116.60 to 117.60): VN055017.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055017.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055017.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: VN055017.D

Acq: 12 Apr 2019 23:18

Instrument :

MSVOA_N

ClientSampleId :

TP-12-S

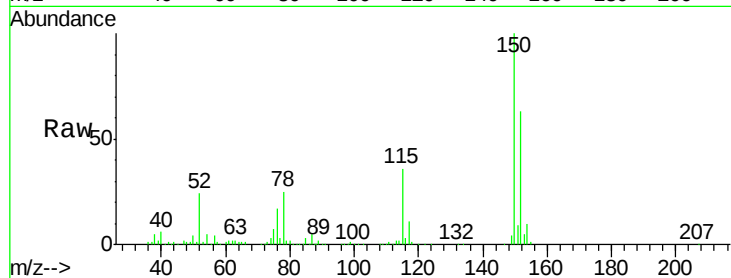
Tot Ion:152 Resp: 239239

Ion Ratio Lower Upper

152 100

115 57.8 28.5 85.6

150 157.9 0.0 347.2



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

