

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041619\
 Data File : VN055086.D
 Acq On : 16 Apr 2019 18:38
 Operator : JC/SP
 Sample : K2411-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-14-D

Quant Time: Apr 17 03:18:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

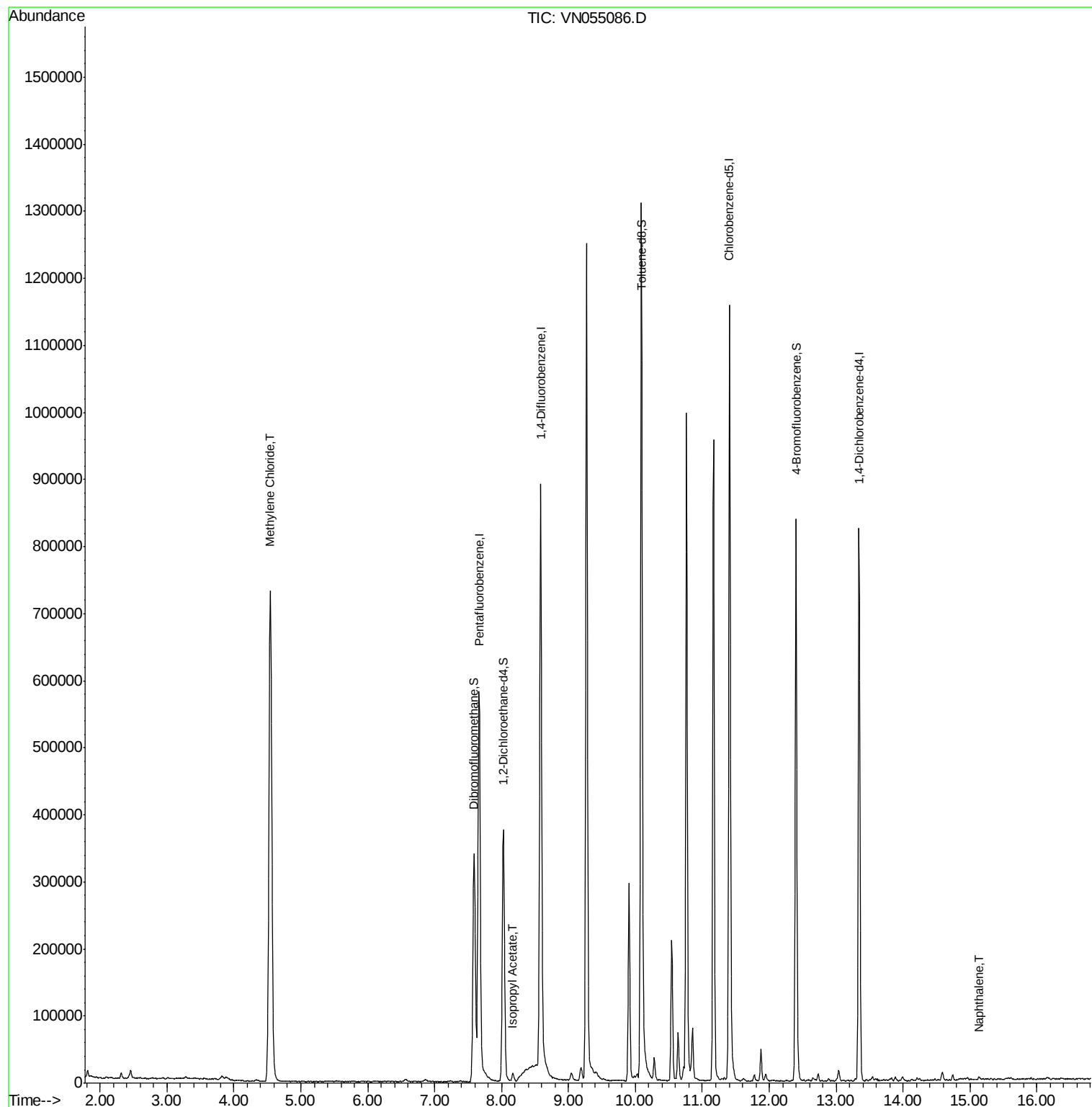
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	515613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	820891	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	691698	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	229827	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	322025	46.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.98%	
35) Dibromofluoromethane	7.59	113	261977	47.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.50%	
50) Toluene-d8	10.09	98	986440	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
62) 4-Bromofluorobenzene	12.40	95	290146	45.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.90%	
Target Compounds						
20) Methylene Chloride	4.54	84	511640	78.240	ug/l	97
43) Isopropyl Acetate	8.17	43	14638	1.508	ug/l #	85
95) Naphthalene	15.13	128	3965	3.531	ug/l	98

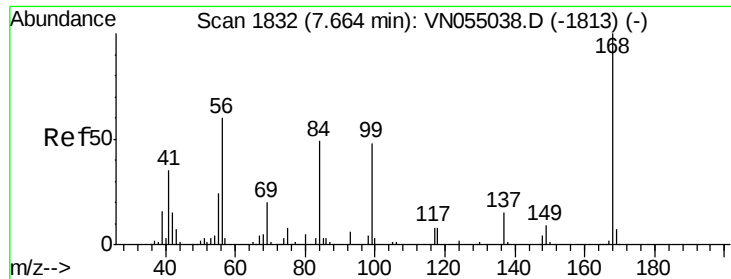
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041619\
Data File : VN055086.D
Acq On : 16 Apr 2019 18:38
Operator : JC/SP
Sample : K2411-12
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-14-D

Quant Time: Apr 17 03:18:16 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
Quant Title : SW846 8260
QLast Update : Mon Apr 15 12:28:28 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN055086.D

Acq: 16 Apr 2019 18:38

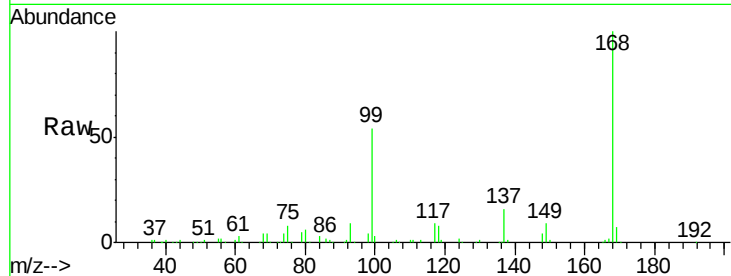
Instrument :
MSVOA_N
ClientSampleId :
TP-14-D

Tot Ion:168 Resp: 515613

Ion Ratio Lower Upper

168 100

99 54.3 41.9 62.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

200000

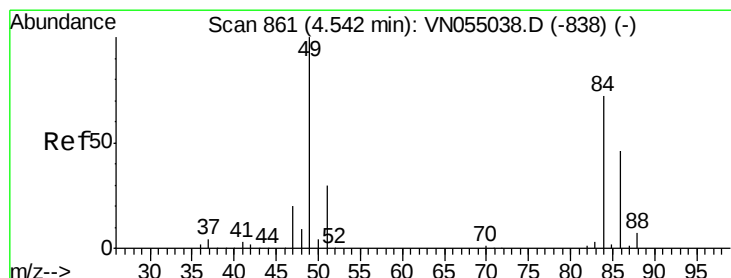
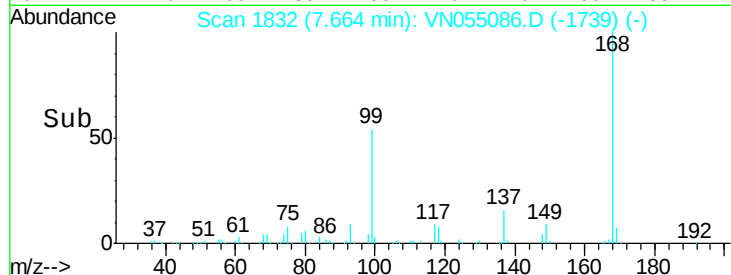
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 78.240 ug/l

RT: 4.54 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN055086.D

Acq: 16 Apr 2019 18:38

Tgt Ion: 84 Resp: 511640

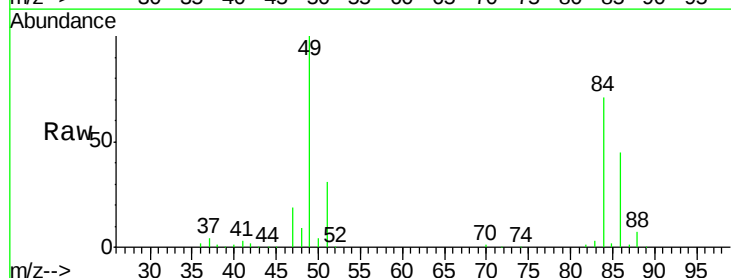
Ion Ratio Lower Upper

84 100

49 140.4 109.4 164.2

51 43.1 32.2 48.4

86 63.3 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

4.54

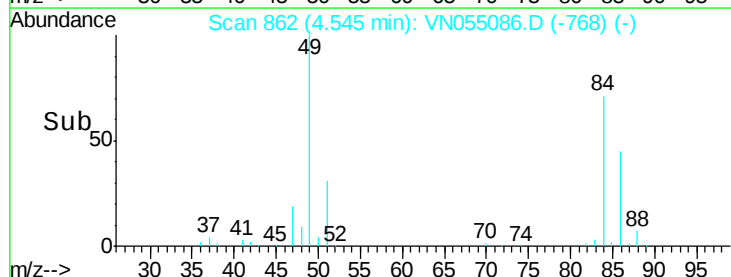
300000

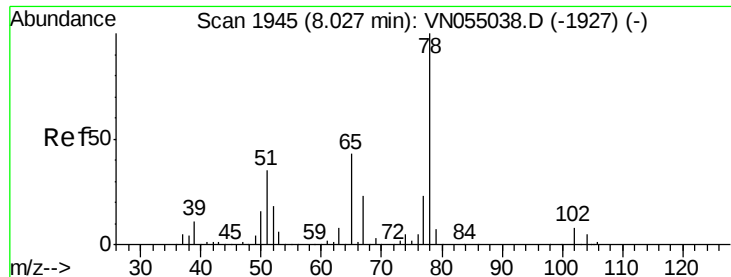
200000

100000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 46.985 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN055086.D

Acq: 16 Apr 2019 18:38

Instrument :

MSVOA_N

ClientSampleId :

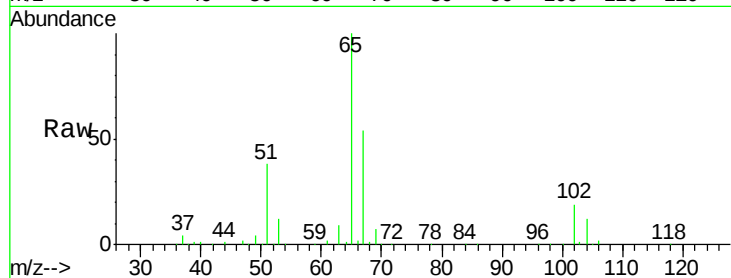
TP-14-D

Tot Ion: 65 Resp: 322025

Ion Ratio Lower Upper

65 100

67 53.3 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VN055086.D (-1852) (-)

Ion 66.90 (66.60 to 67.60): VN055086.D (-1852) (-)

8.03

150000

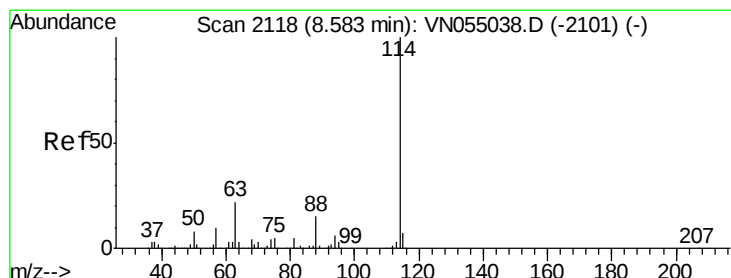
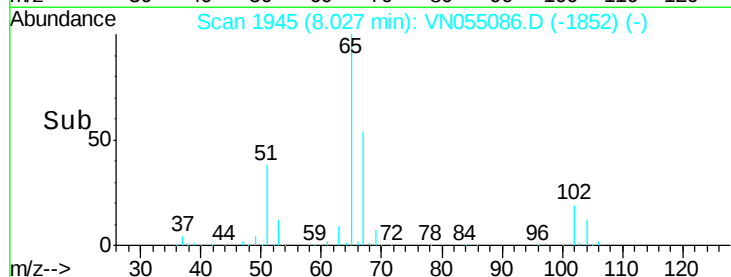
100000

50000

0

7.90 8.00 8.10 8.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN055086.D

Acq: 16 Apr 2019 18:38

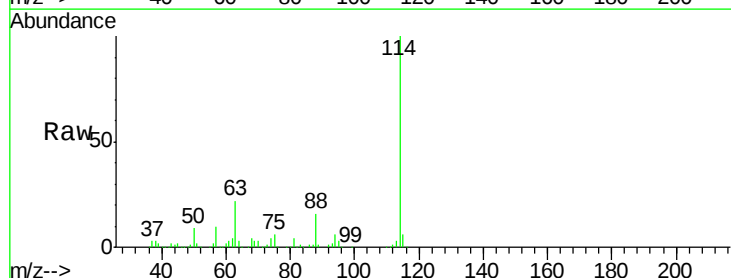
Tgt Ion: 114 Resp: 820891

Ion Ratio Lower Upper

114 100

63 21.9 0.0 45.2

88 16.1 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): VN055086.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN055086.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN055086.D (-2025) (-)

8.58

500000

400000

300000

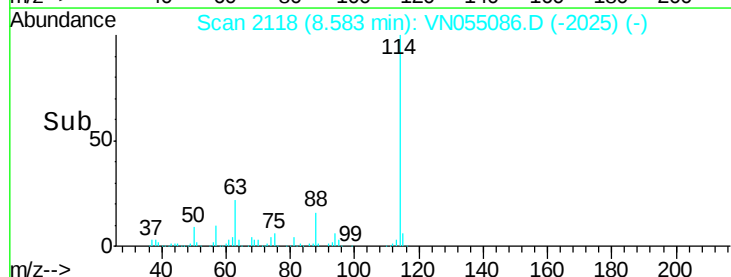
200000

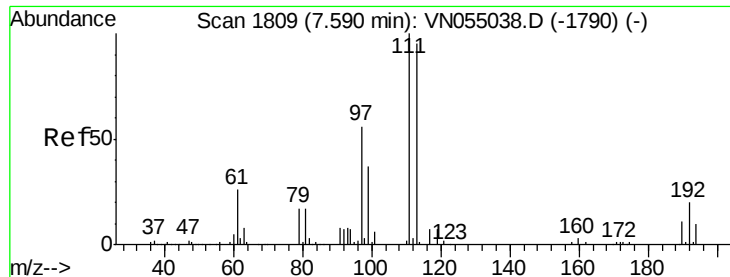
100000

0

8.40 8.50 8.60 8.70 8.80

Time-->





#35

Dibromofluoromethane

Concen: 47.753 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055086.D

Acq: 16 Apr 2019 18:38

Instrument :

MSVOA_N

ClientSampled :

TP-14-D

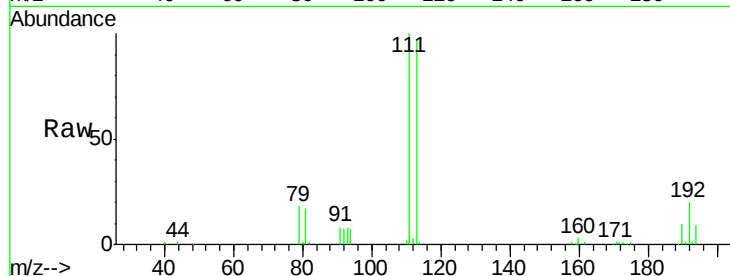
Tot Ion:113 Resp: 261977

Ion Ratio Lower Upper

113 100

111 103.2 82.1 123.1

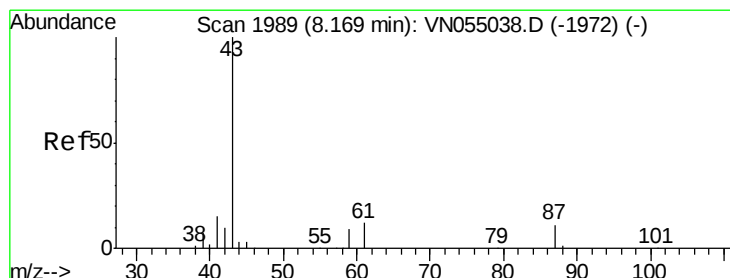
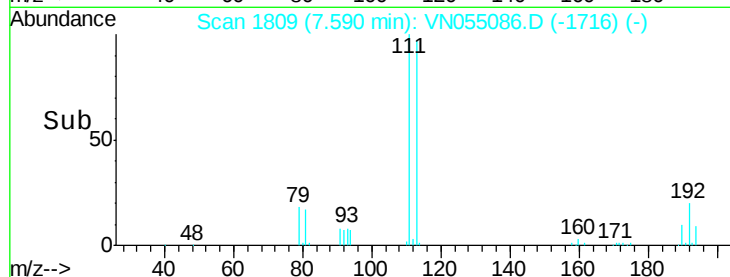
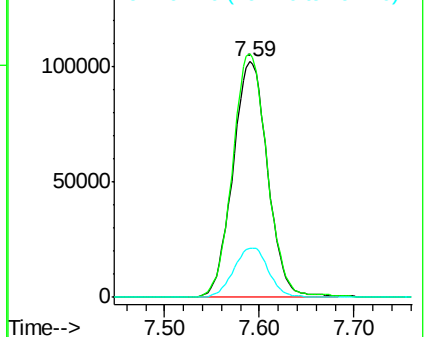
192 21.0 16.5 24.7



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: 1.508 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN055086.D

Acq: 16 Apr 2019 18:38

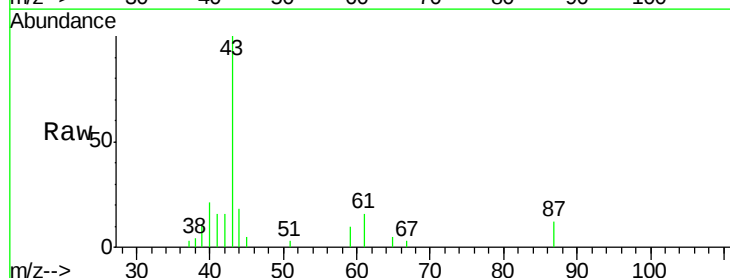
Tgt Ion: 43 Resp: 14638

Ion Ratio Lower Upper

43 100

61 7.8 14.3 21.5#

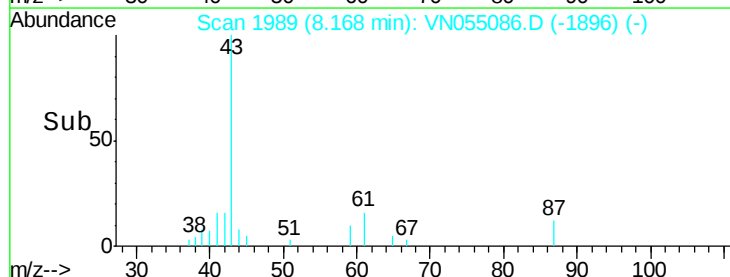
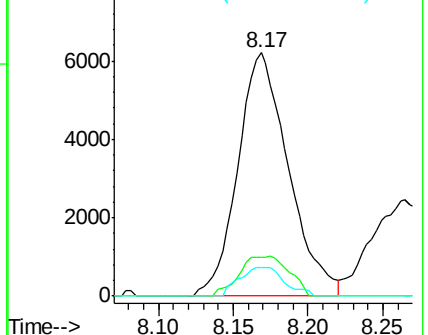
87 10.5 8.6 13.0

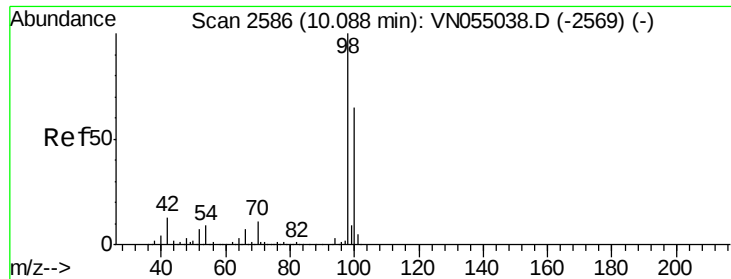


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 50.239 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055086.D

Acq: 16 Apr 2019 18:38

Instrument :

MSVOA_N

ClientSampled :

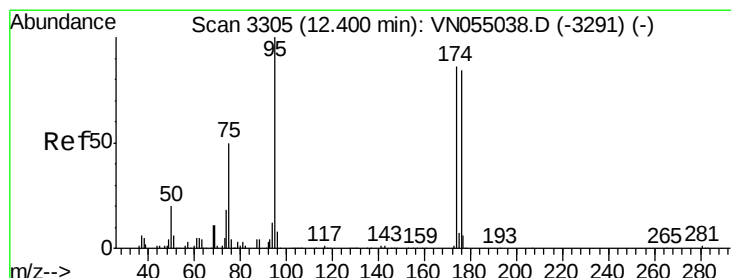
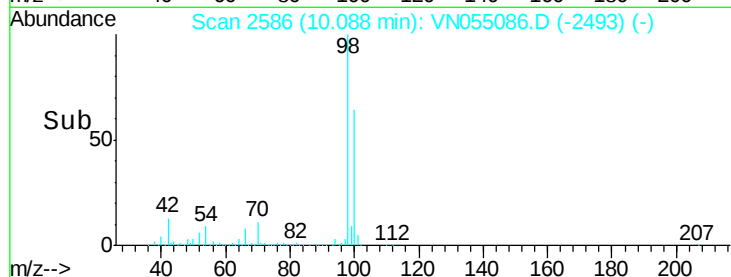
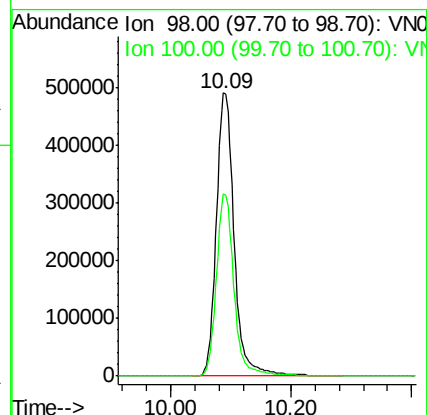
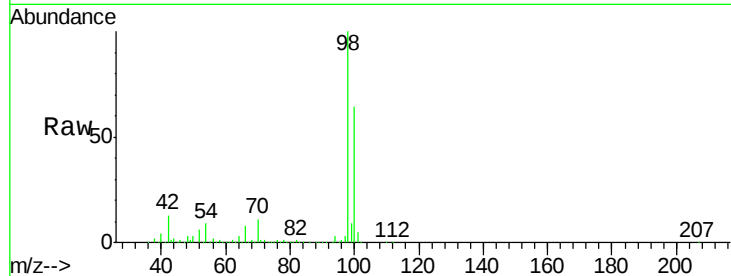
TP-14-D

Tot Ion: 98 Resp: 986440

Ion Ratio Lower Upper

98 100

100 63.7 51.1 76.7



#62

4-Bromofluorobenzene

Concen: 45.454 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055086.D

Acq: 16 Apr 2019 18:38

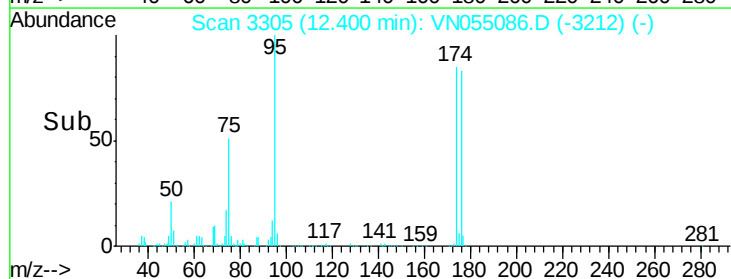
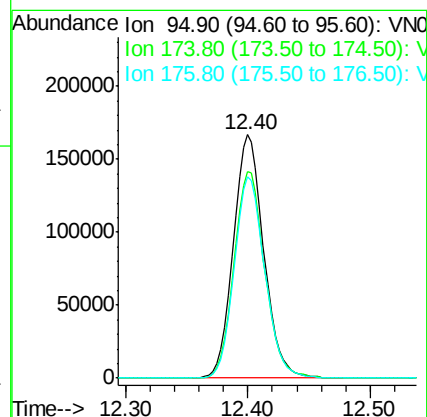
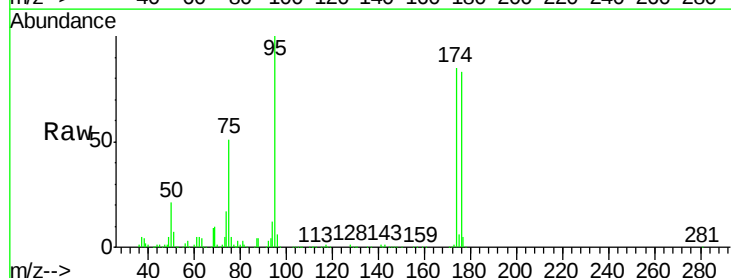
Tgt Ion: 95 Resp: 290146

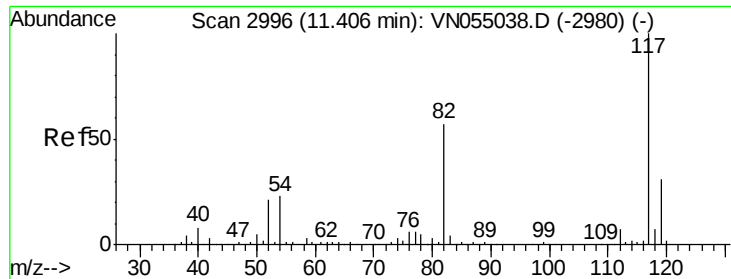
Ion Ratio Lower Upper

95 100

174 85.9 0.0 174.4

176 83.0 0.0 166.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN055086.D

Acq: 16 Apr 2019 18:38

Instrument :

MSVOA_N

ClientSampleId :

TP-14-D

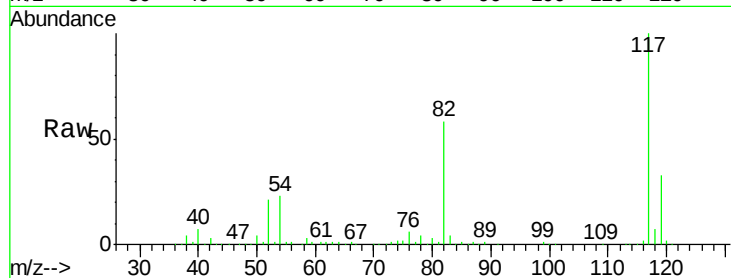
Tot Ion:117 Resp: 691698

Ion Ratio Lower Upper

117 100

82 57.7 44.6 66.8

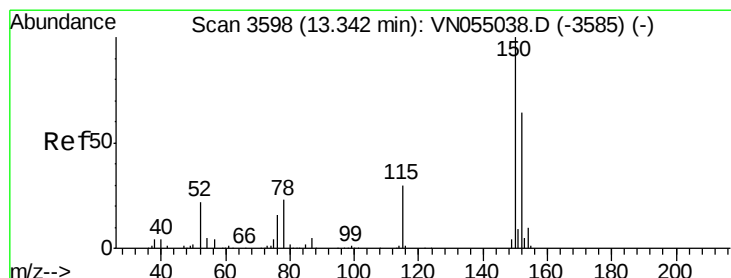
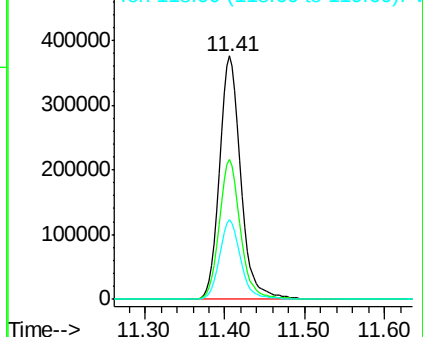
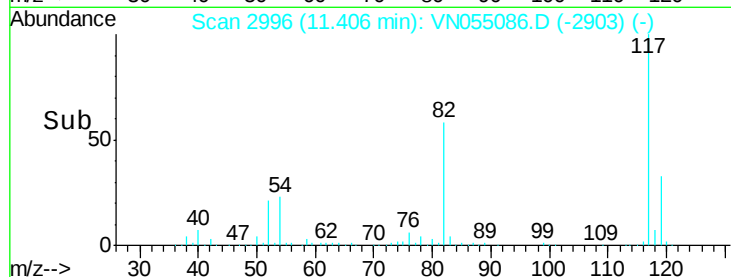
119 32.5 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN055086.D

Acq: 16 Apr 2019 18:38

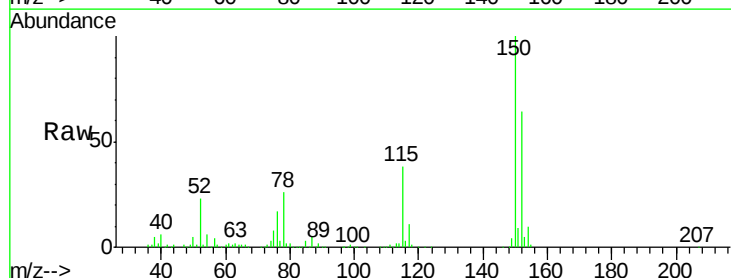
Tgt Ion:152 Resp: 229827

Ion Ratio Lower Upper

152 100

115 58.2 28.5 85.6

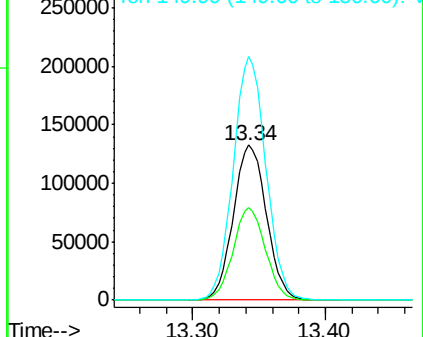
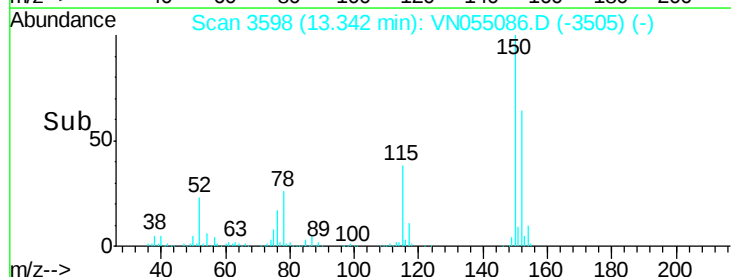
150 155.5 0.0 347.2

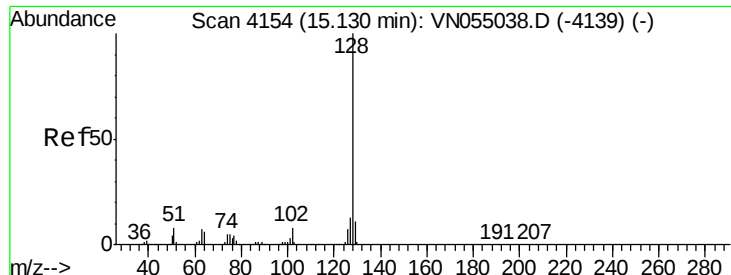


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 3.531 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055086.D

Acq: 16 Apr 2019 18:38

Instrument :

MSVOA_N

ClientSampleId :

TP-14-D

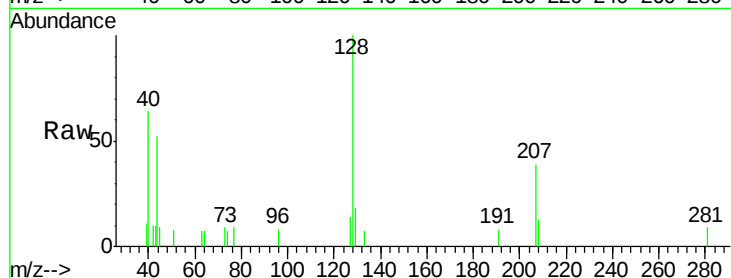
Tot Ion:128 Resp: 3965

Ion Ratio Lower Upper

128 100

127 11.2 10.1 15.1

129 10.9 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

