

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091418\
 Data File : VN051190.D
 Acq On : 14 Sep 2018 15:12
 Operator : MD\SY
 Sample : PB112829TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB112829TB

Quant Time: Sep 15 00:11:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

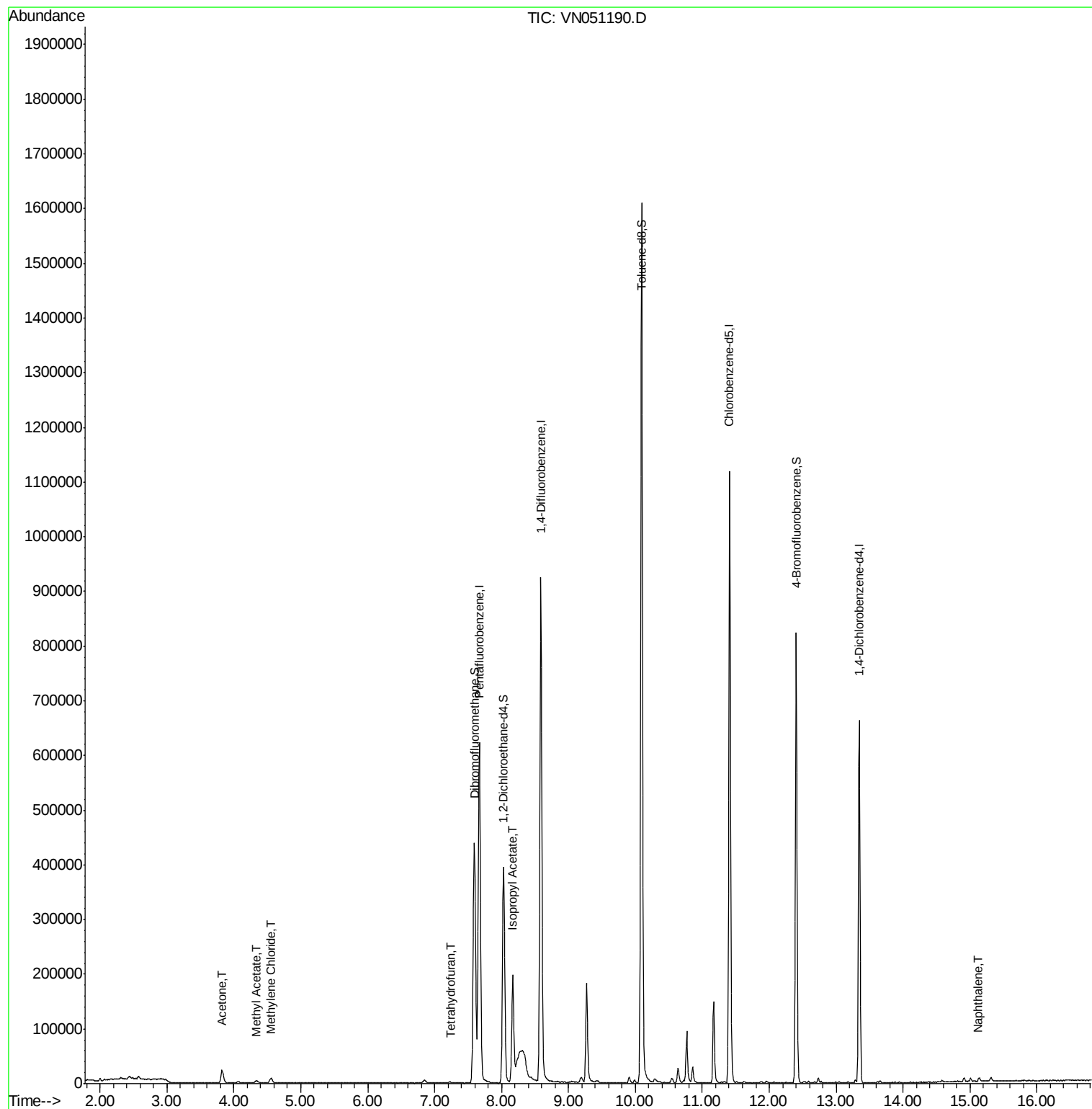
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	560212	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	889687	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	724582	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	193586	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	340882	54.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.36%	
35) Dibromofluoromethane	7.59	113	342301	51.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.40%	
50) Toluene-d8	10.09	98	1200720	47.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.66%	
62) 4-Bromofluorobenzene	12.40	95	285585	34.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.06%	
Target Compounds						
16) Acetone	3.82	43	40422	20.87	ug/l	96
18) Methyl Acetate	4.34	43	8511	1.70	ug/l #	73
20) Methylene Chloride	4.56	84	7303	1.06	ug/l	93
29) Tetrahydrofuran	7.23	42	1658	1.08	ug/l #	61
43) Isopropyl Acetate	8.17	43	226424	22.68	ug/l #	87
95) Naphthalene	15.14	128	7063	6.21	ug/l #	88

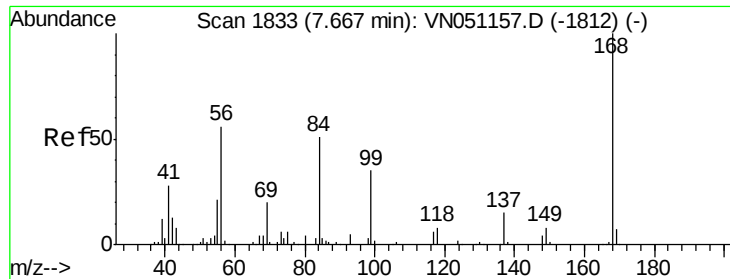
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091418\
Data File : VN051190.D
Acq On : 14 Sep 2018 15:12
Operator : MD\SY
Sample : PB112829TB
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
PB112829TB

Quant Time: Sep 15 00:11:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051190.D

Acq: 14 Sep 2018 15:12

Instrument :

MSVOA_N

ClientSampled :

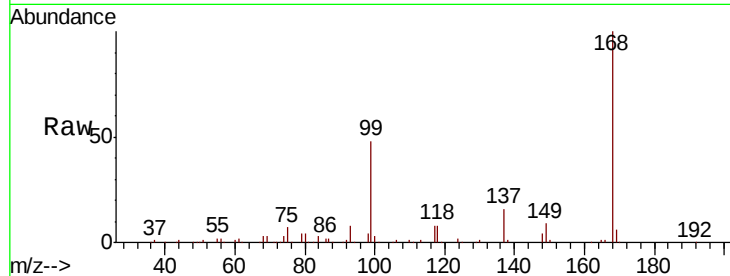
PB112829TB

Tot Ion:168 Resp: 560212

Ion Ratio Lower Upper

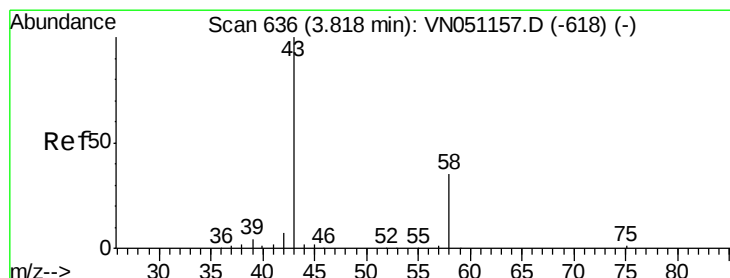
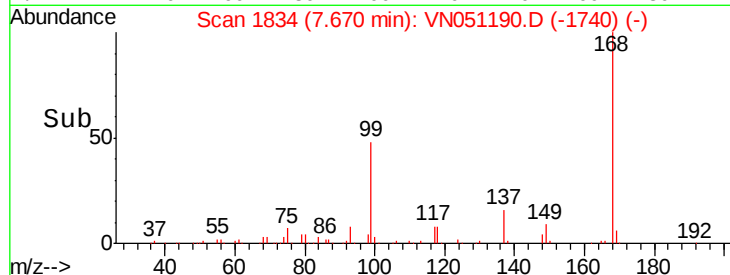
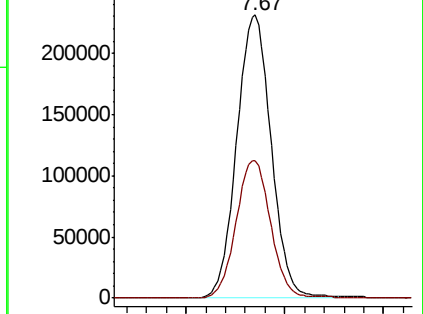
168 100

99 48.5 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 20.87 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN051190.D

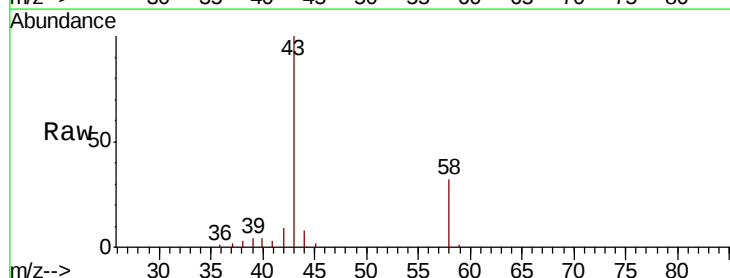
Acq: 14 Sep 2018 15:12

Tgt Ion: 43 Resp: 40422

Ion Ratio Lower Upper

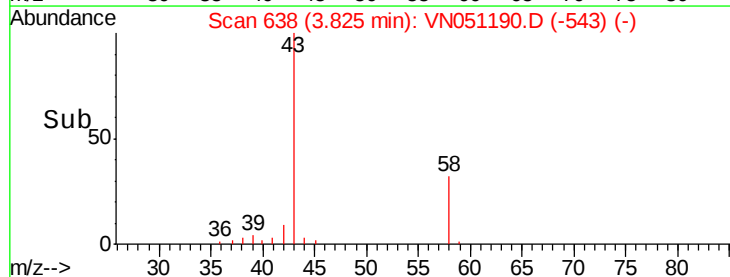
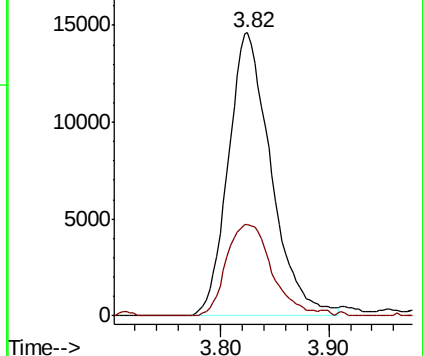
43 100

58 32.3 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

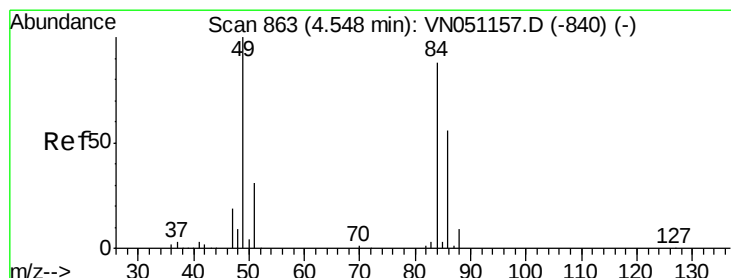
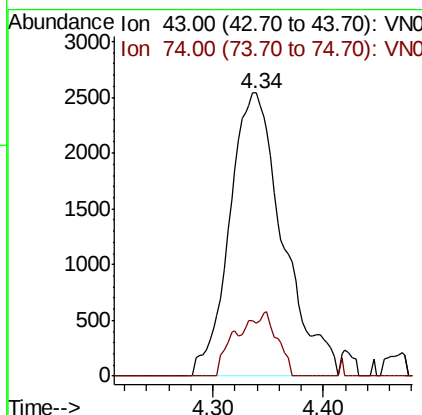
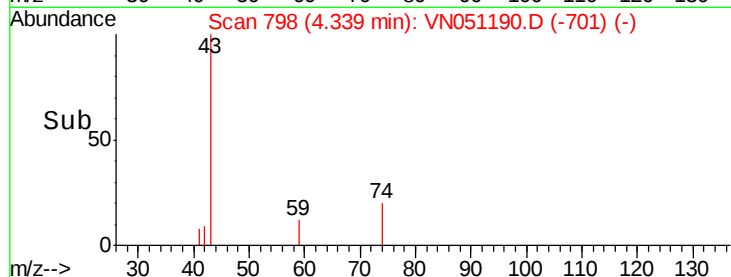
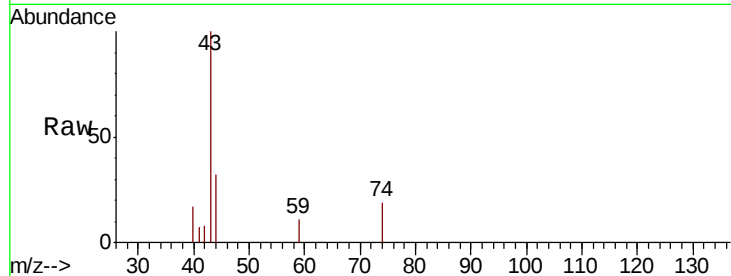




#18
Methyl Acetate
Concen: 1.70 ug/l
RT: 4.34 min Scan# 798
Delta R.T. 0.01 min
Lab File: VN051190.D
Acq: 14 Sep 2018 15:12

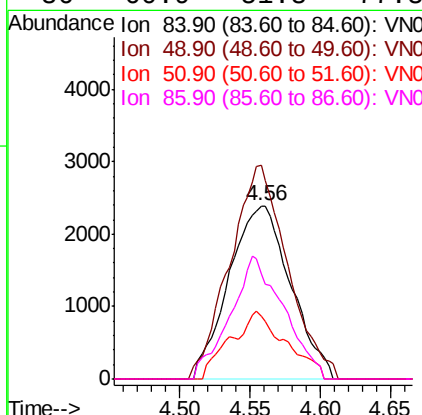
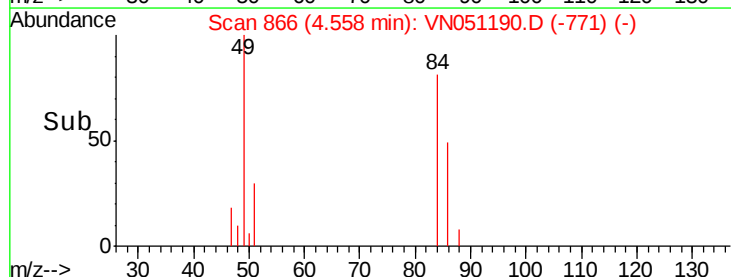
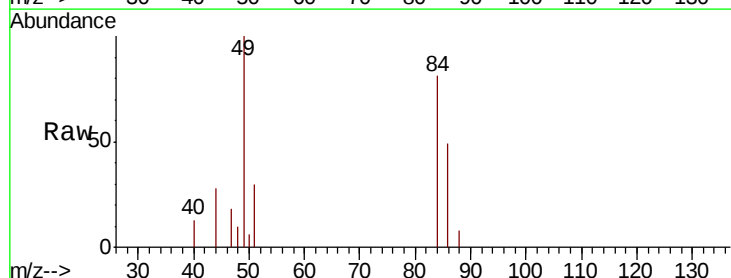
Instrument :
MSVOA_N
ClientSampled :
PB112829TB

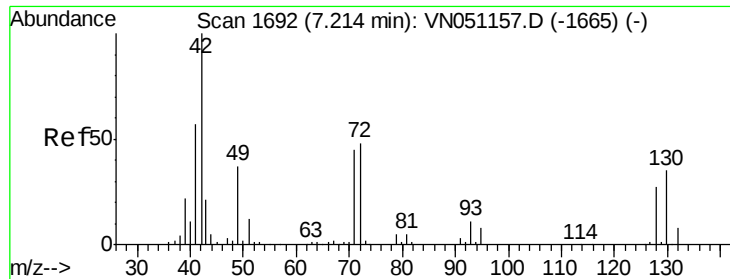
Tot Ion: 43 Resp: 8511
Ion Ratio Lower Upper
43 100
74 12.2 20.7 31.1#



#20
Methylene Chloride
Concen: 1.06 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN051190.D
Acq: 14 Sep 2018 15:12

Tgt Ion: 84 Resp: 7303
Ion Ratio Lower Upper
84 100
49 123.5 90.2 135.2
51 36.6 28.4 42.6
86 60.9 51.8 77.8





#29

Tetrahydrofuran

Concen: 1.08 ug/l

RT: 7.23 min Scan# 1698

Delta R.T. 0.02 min

Lab File: VN051190.D

Acq: 14 Sep 2018 15:12

Instrument :

MSVOA_N

ClientSampled :

PB112829TB

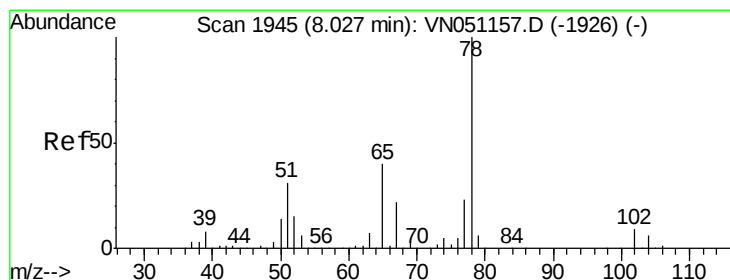
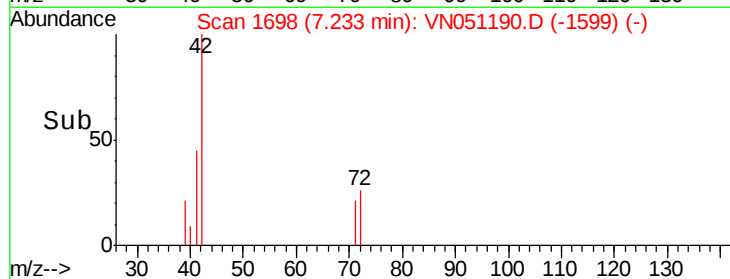
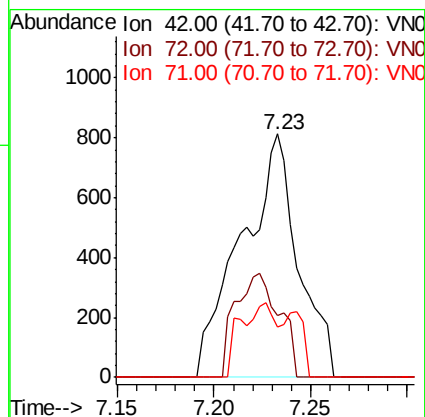
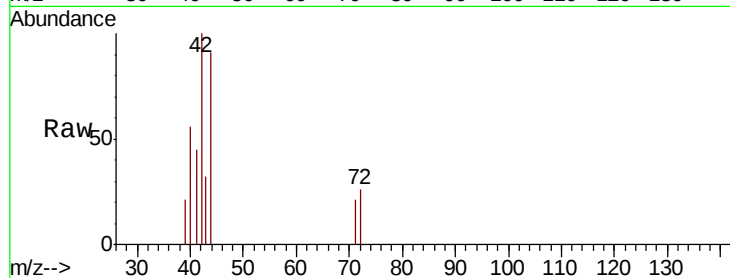
Tot Ion: 42 Resp: 1658

Ion Ratio Lower Upper

42 100

72 32.8 37.4 56.0#

71 5.3 34.7 52.1#



#33

1,2-Dichloroethane-d4

Concen: 54.68 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051190.D

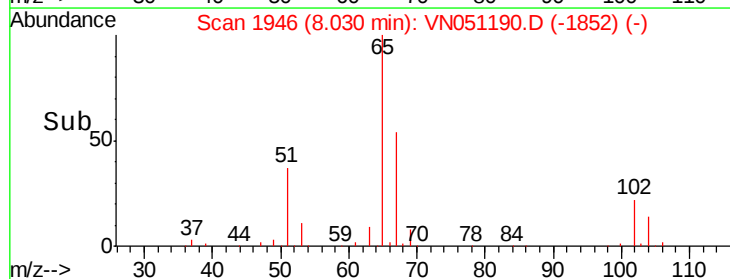
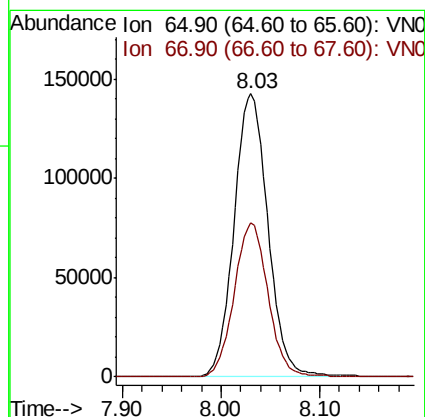
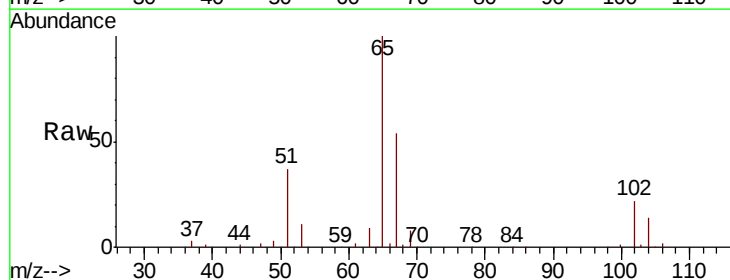
Acq: 14 Sep 2018 15:12

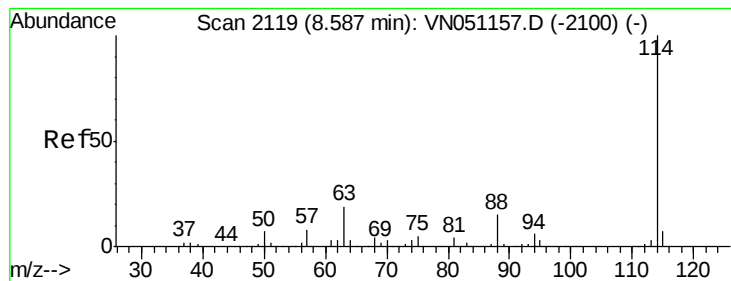
Tgt Ion: 65 Resp: 340882

Ion Ratio Lower Upper

65 100

67 54.3 0.0 112.0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN051190.D

Acq: 14 Sep 2018 15:12

Instrument :

MSVOA_N

ClientSampled :

PB112829TB

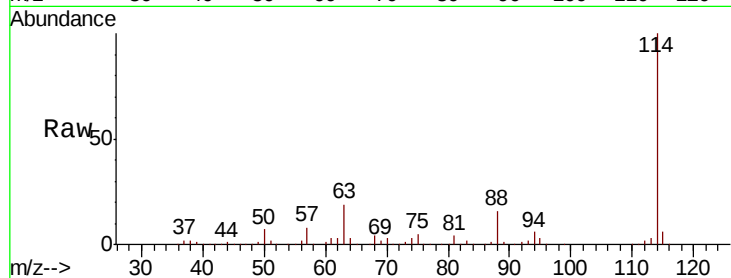
Tot Ion:114 Resp: 889687

Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.8

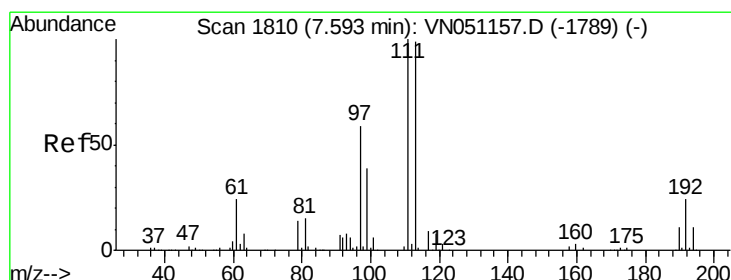
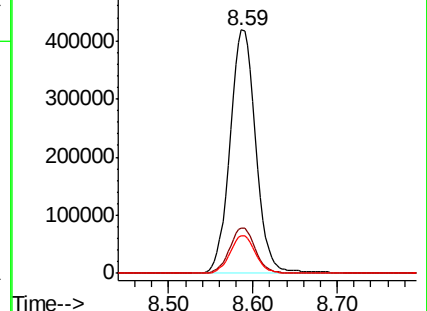
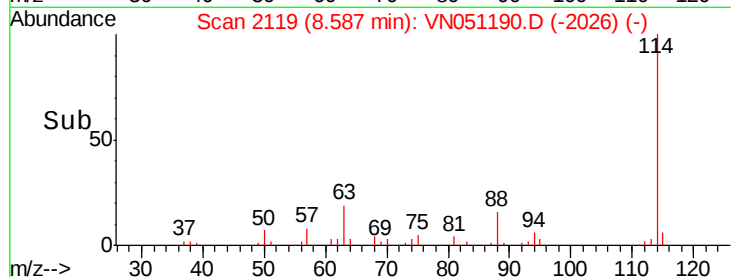
88 15.6 0.0 30.8



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: 51.20 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051190.D

Acq: 14 Sep 2018 15:12

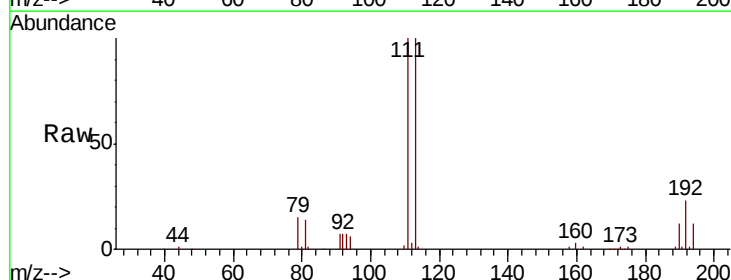
Tgt Ion:113 Resp: 342301

Ion Ratio Lower Upper

113 100

111 101.5 83.0 124.6

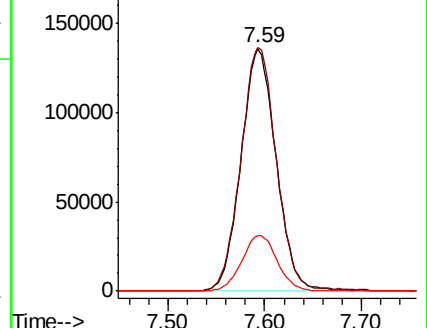
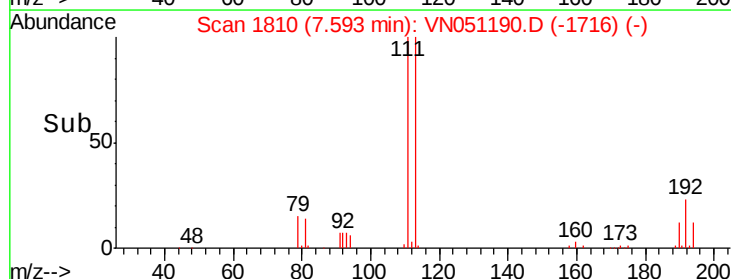
192 23.4 18.7 28.1

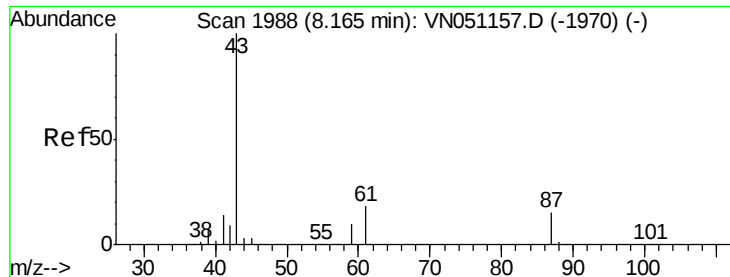


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 22.68 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN051190.D

Acq: 14 Sep 2018 15:12

Instrument :

MSVOA_N

ClientSampled :

PB112829TB

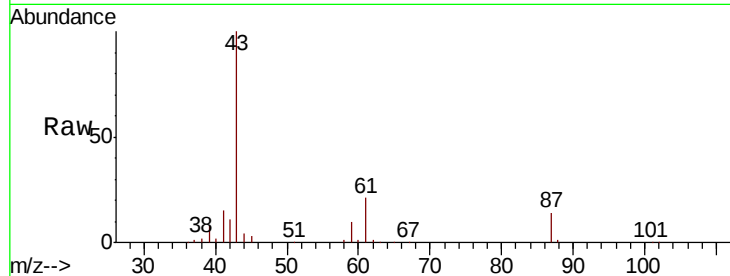
Tot Ion: 43 Resp: 226424

Ion Ratio Lower Upper

43 100

61 21.3 25.0 37.6#

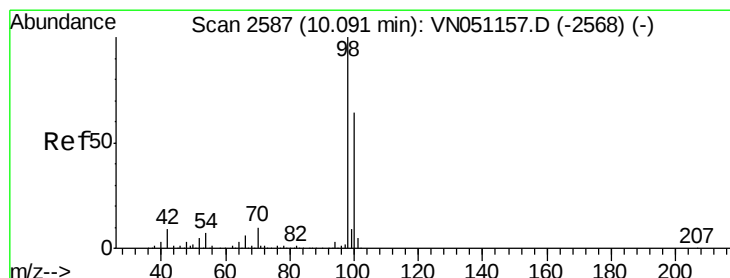
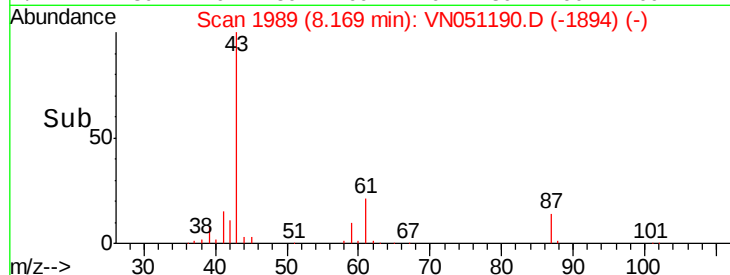
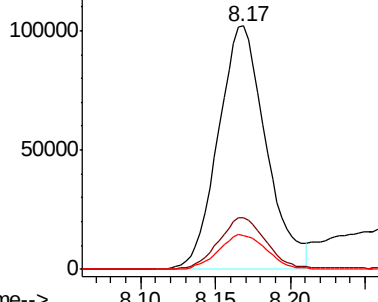
87 14.3 11.8 17.8



Abundance Ion 43.00 (42.70 to 43.70): VN051157.D (-1970) (-)

Ion 61.00 (60.70 to 61.70): VN051157.D (-1970) (-)

Ion 87.00 (86.70 to 87.70): VN051157.D (-1970) (-)



#50

Toluene-d8

Concen: 47.33 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051190.D

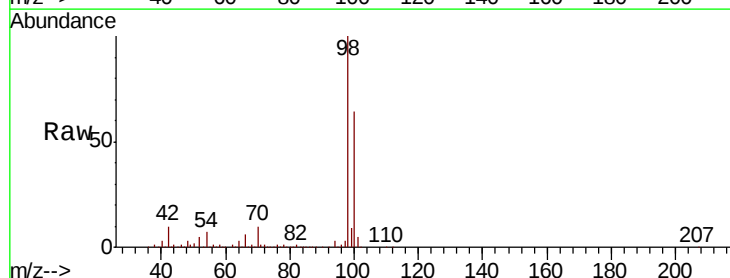
Acq: 14 Sep 2018 15:12

Tgt Ion: 98 Resp: 1200720

Ion Ratio Lower Upper

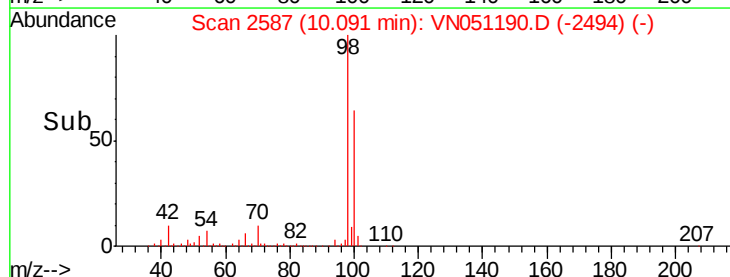
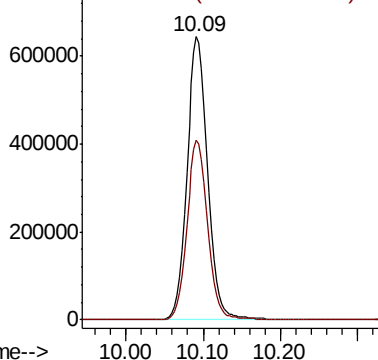
98 100

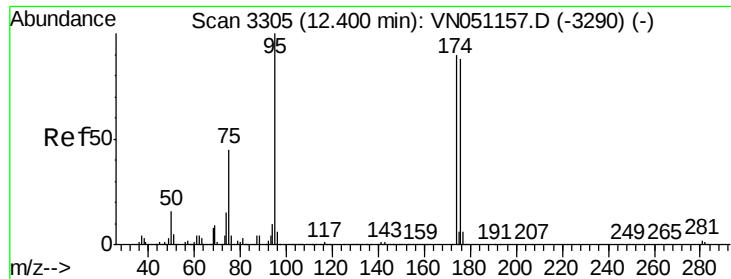
100 63.8 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VN051157.D (-2568) (-)

Ion 100.00 (99.70 to 100.70): VN051157.D (-2568) (-)





#62

4-Bromofluorobenzene

Concen: 34.03 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051190.D

Acq: 14 Sep 2018 15:12

Instrument :

MSVOA_N

ClientSampleId :

PB112829TB

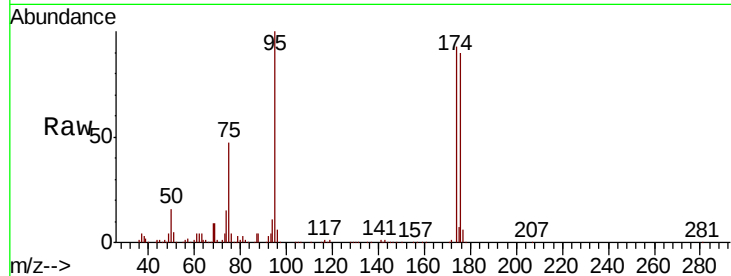
Tot Ion: 95 Resp: 285585

Ion Ratio Lower Upper

95 100

174 93.9 0.0 184.8

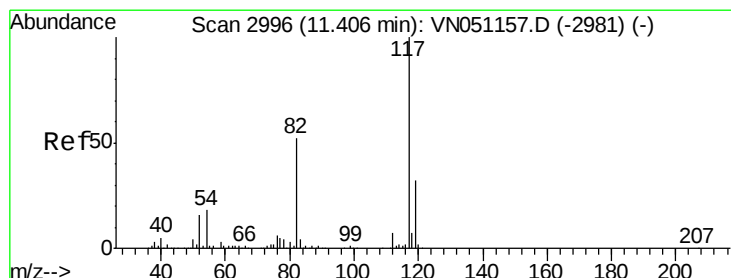
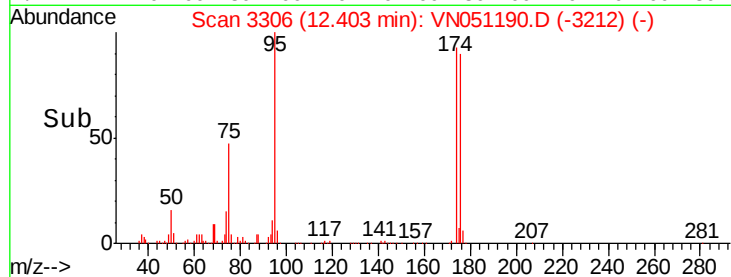
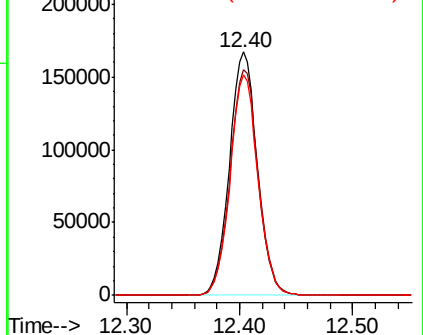
176 90.5 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN051190.D

Acq: 14 Sep 2018 15:12

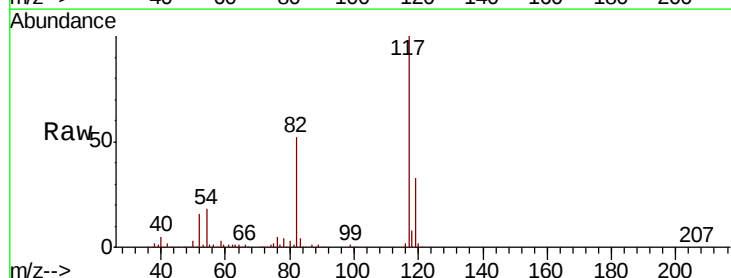
Tgt Ion: 117 Resp: 724582

Ion Ratio Lower Upper

117 100

82 52.0 41.8 62.6

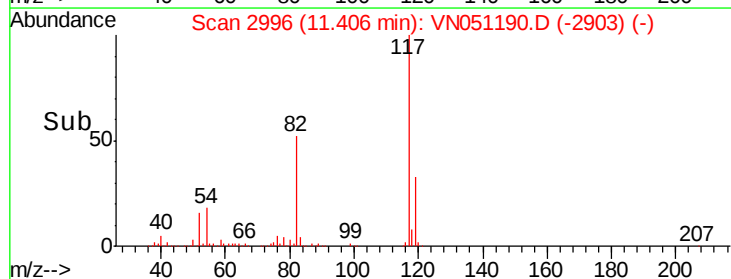
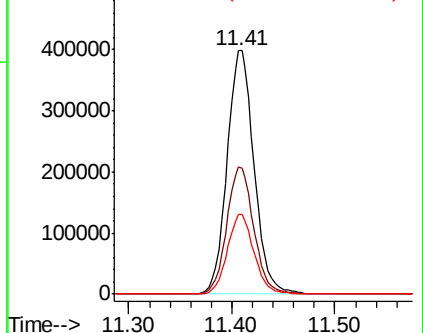
119 32.7 26.2 39.2

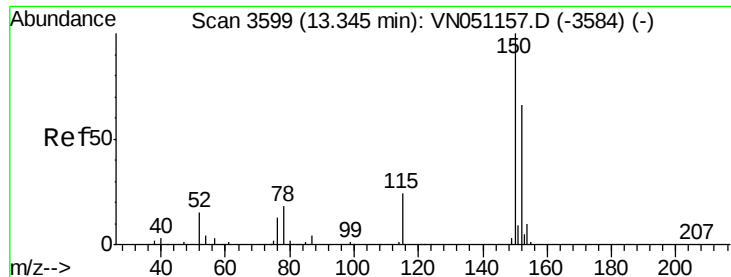


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051190.D

Acq: 14 Sep 2018 15:12

Instrument :

MSVOA_N

ClientSampleId :

PB112829TB

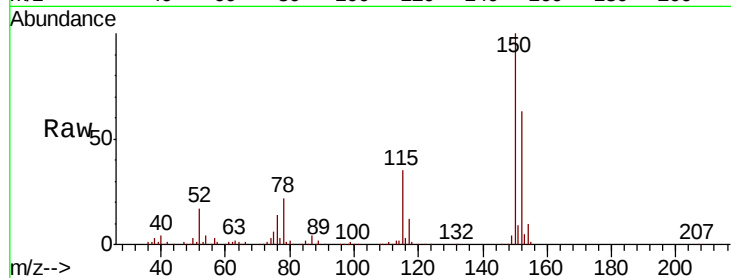
Tot Ion:152 Resp: 193586

Ion Ratio Lower Upper

152 100

115 55.9 28.2 84.7

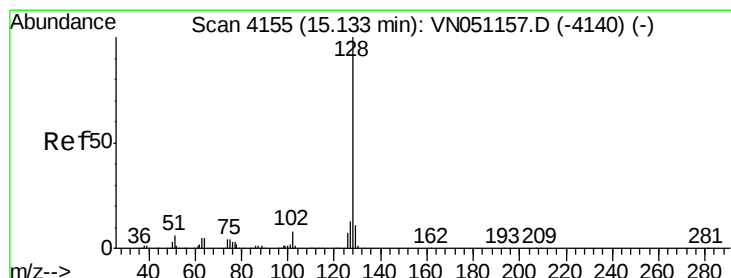
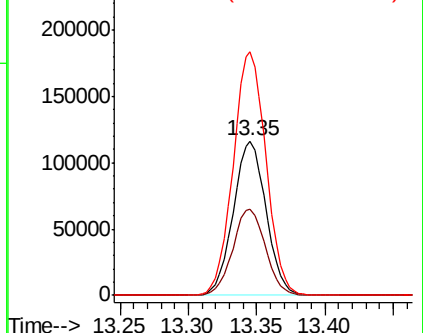
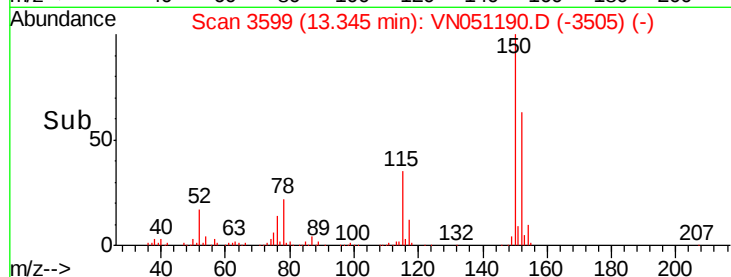
150 158.2 0.0 349.0



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: 6.21 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN051190.D

Acq: 14 Sep 2018 15:12

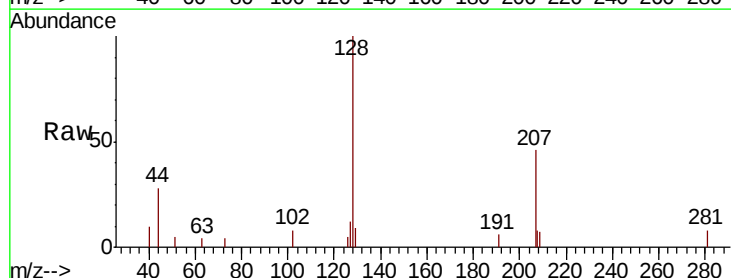
Tgt Ion:128 Resp: 7063

Ion Ratio Lower Upper

128 100

127 10.8 10.6 15.8

129 3.3 8.6 12.8#



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

