

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011819\
 Data File : VN053488.D
 Acq On : 18 Jan 2019 22:25
 Operator : JC/SP
 Sample : K1173-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR-200050

Quant Time: Jan 19 01:29:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

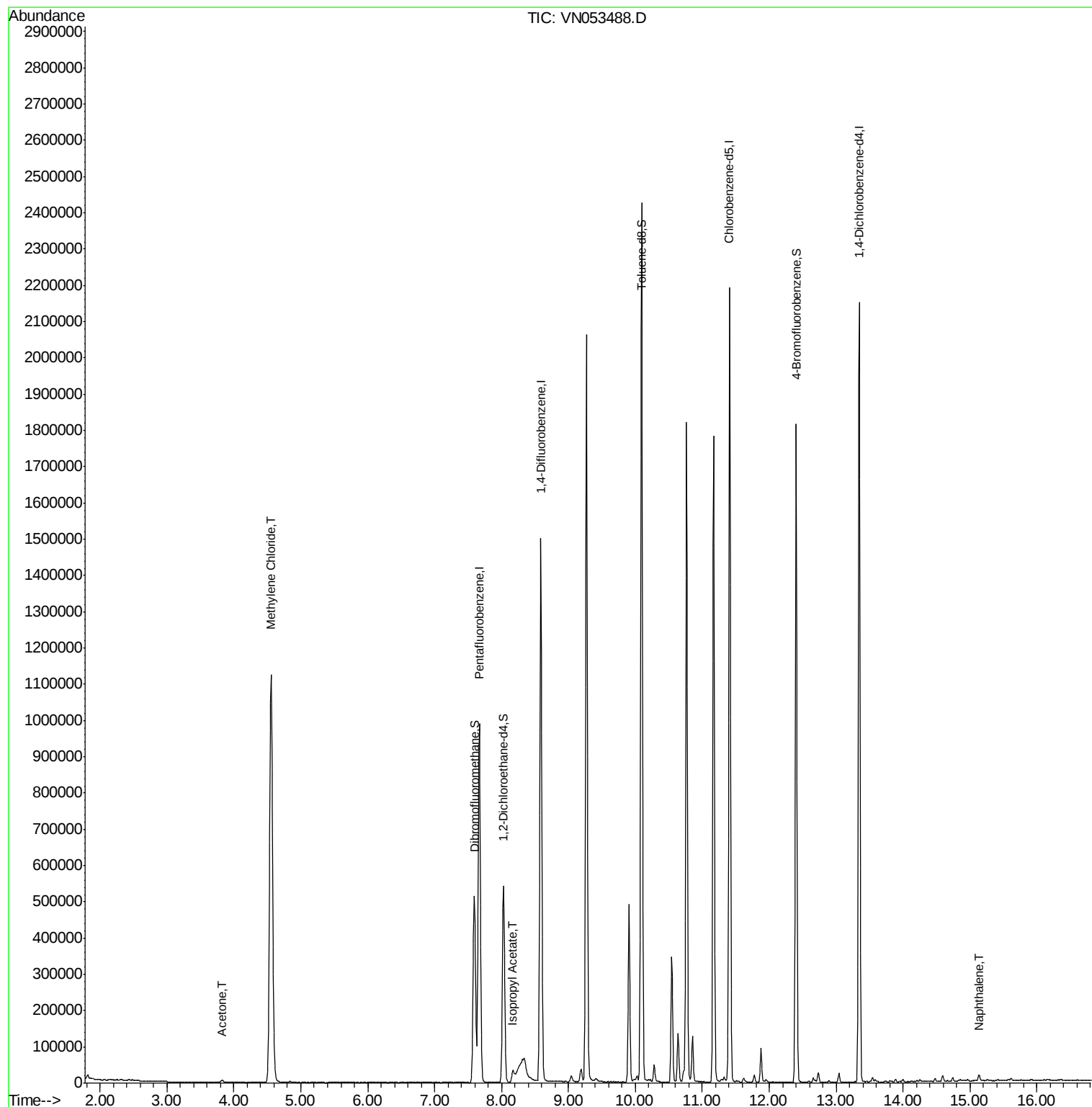
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	882865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1403266	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1352530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	613858	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	455525	52.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.40%	
35) Dibromofluoromethane	7.59	113	403315	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
50) Toluene-d8	10.09	98	1753879	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.56%	
62) 4-Bromofluorobenzene	12.40	95	625260	52.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.30%	
Target Compounds						
16) Acetone	3.82	43	10671	5.212	ug/l	99
20) Methylene Chloride	4.56	84	895572	95.812	ug/l	100
43) Isopropyl Acetate	8.17	43	46344	3.505	ug/l #	78
95) Naphthalene	15.13	128	15492	4.901	ug/l	98

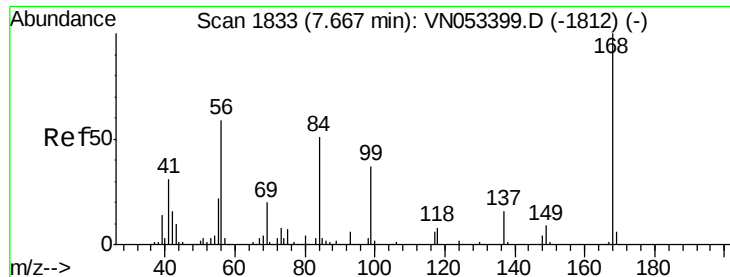
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN011819\
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Acq On : 18 Jan 2019 22:25
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Sample : K1173-04
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Quant Time: Jan 19 01:29:09 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:10:53 2019
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: VN053488.D

Acq: 18 Jan 2019 22:25

Instrument :

MSVOA_N

ClientSampled :

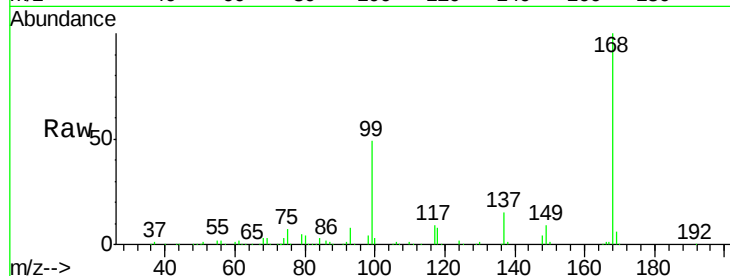
RBR-200050

Tot Ion:168 Resp: 882865

Ion Ratio Lower Upper

168 100

99 48.8 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053399.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN053399.D (-1812) (-)

7.67

400000

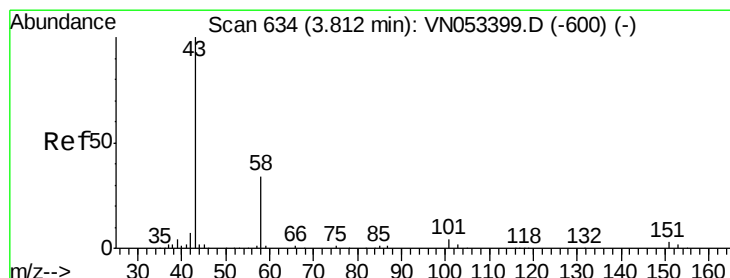
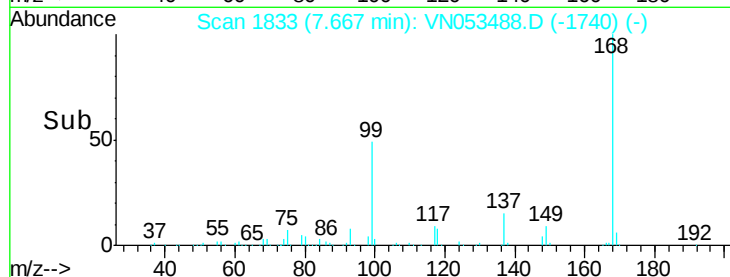
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 5.212 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053488.D

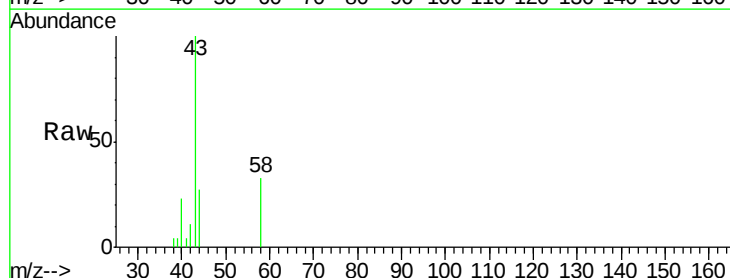
Acq: 18 Jan 2019 22:25

Tgt Ion: 43 Resp: 10671

Ion Ratio Lower Upper

43 100

58 33.4 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN053399.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN053399.D (-600) (-)

3.82

4000

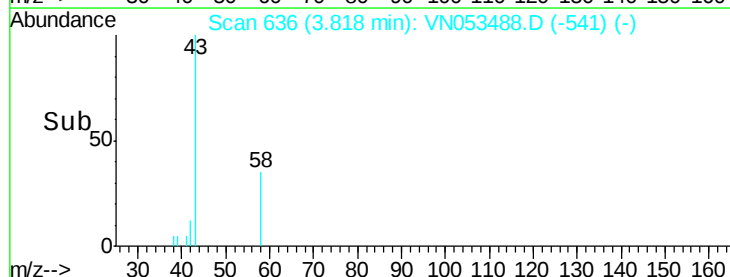
3000

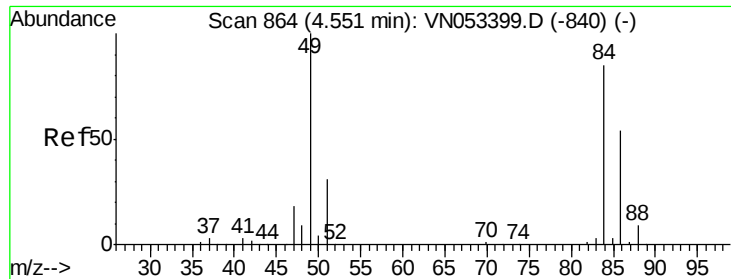
2000

1000

0

Time-->



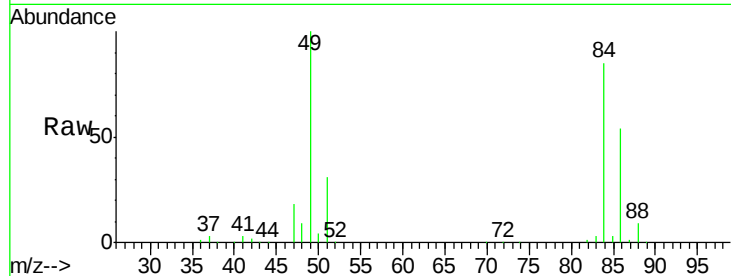


#20
Methvlene Chloride
Concen: 95.812 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053488.D
Acq: 18 Jan 2019 22:25

Instrument :
MSVOA_N
ClientSampled :
RBR-200050

Tot Ion: 84 Resp: 895572

Ion	Ratio	Lower	Upper
84	100		
49	118.1	94.3	141.5
51	36.2	29.4	44.2
86	64.1	51.4	77.0

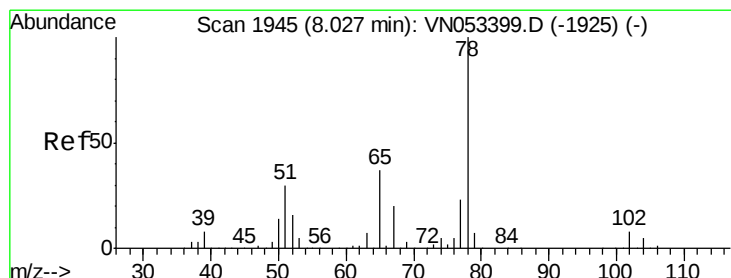
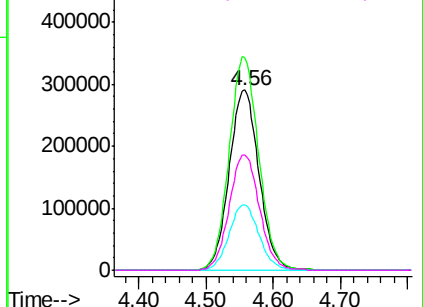
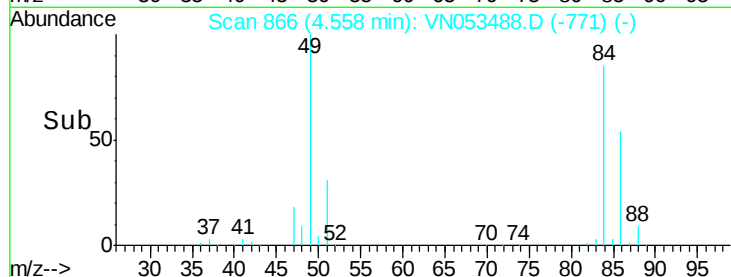


Abundance Ion 83.90 (83.60 to 84.60): VNC

Ion 48.90 (48.60 to 49.60): VNC

Ion 50.90 (50.60 to 51.60): VNC

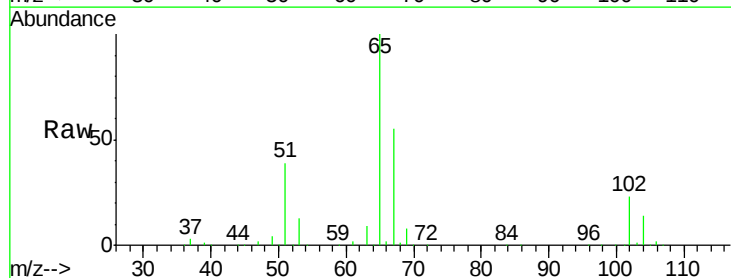
Ion 85.90 (85.60 to 86.60): VNC



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053488.D
Acq: 18 Jan 2019 22:25

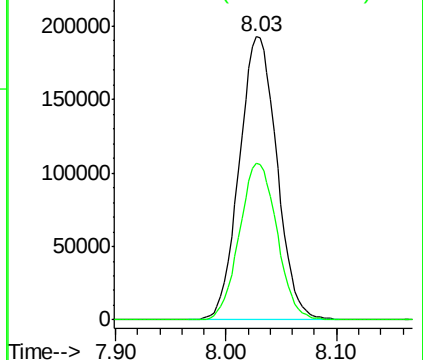
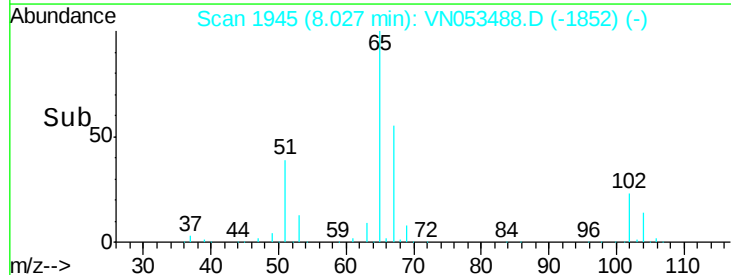
Tgt Ion: 65 Resp: 455525

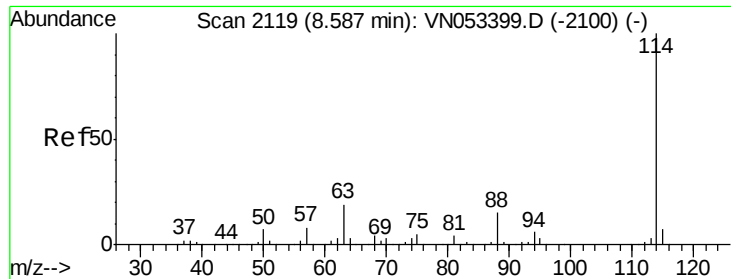
Ion	Ratio	Lower	Upper
65	100		
67	55.6	0.0	111.2



Abundance Ion 64.90 (64.60 to 65.60): VNC

Ion 66.90 (66.60 to 67.60): VNC

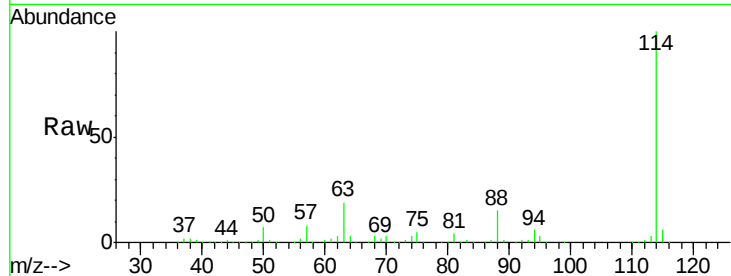




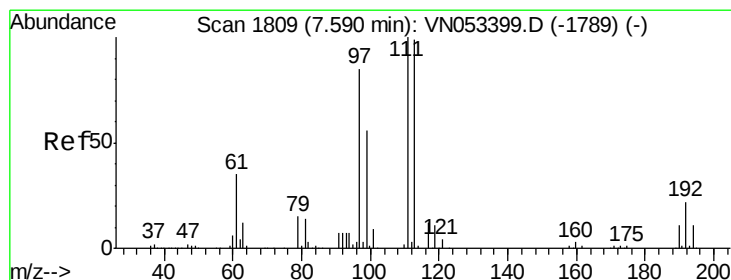
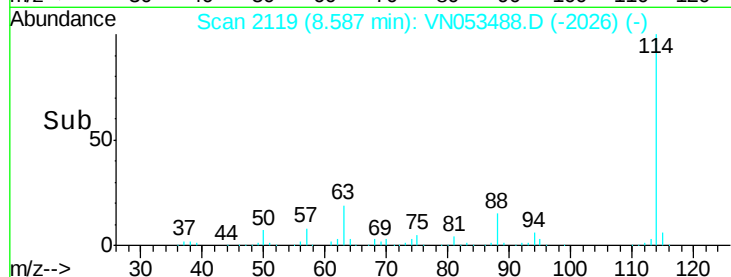
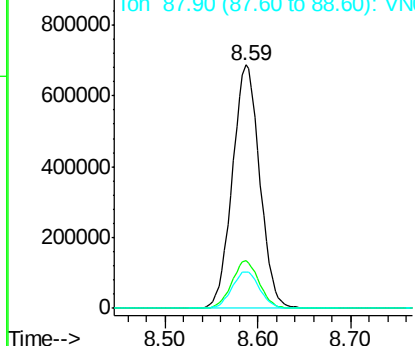
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053488.D
Acq: 18 Jan 2019 22:25

Instrument :
MSVOA_N
ClientSampleId :
RBR-200050

Tot Ion:114 Resp: 1403266
Ion Ratio Lower Upper
114 100
63 19.4 0.0 38.6
88 15.1 0.0 30.4

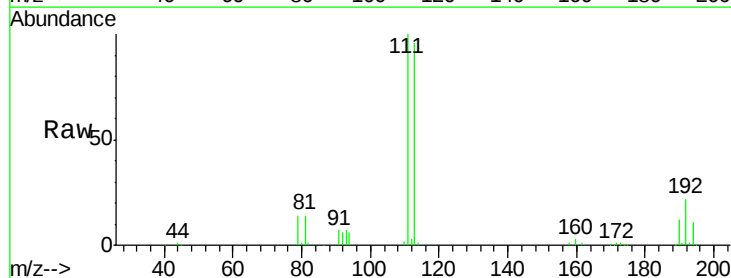


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

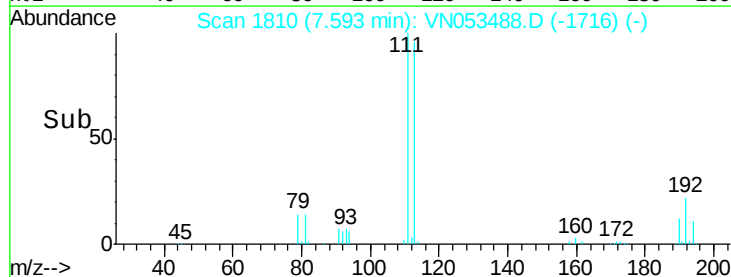
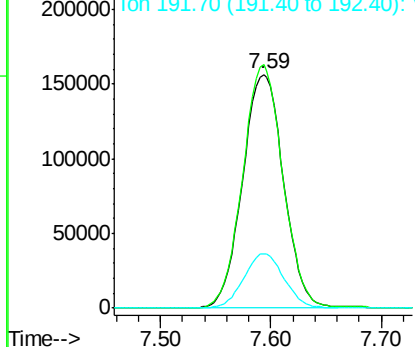


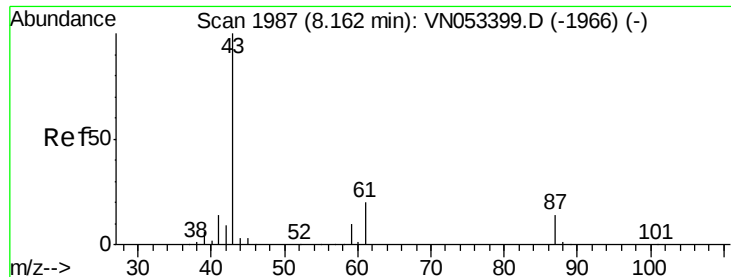
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053488.D
Acq: 18 Jan 2019 22:25

Tgt Ion:113 Resp: 403315
Ion Ratio Lower Upper
113 100
111 102.7 81.1 121.7
192 23.0 18.2 27.2



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: 3.505 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053488.D

Acq: 18 Jan 2019 22:25

Instrument :

MSVOA_N

ClientSampleId :

RBR-200050

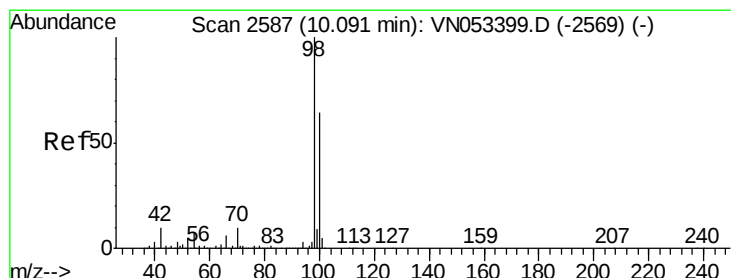
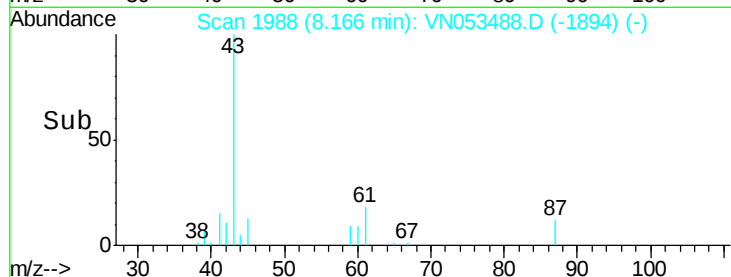
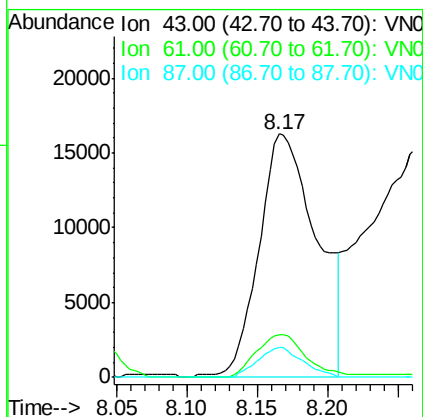
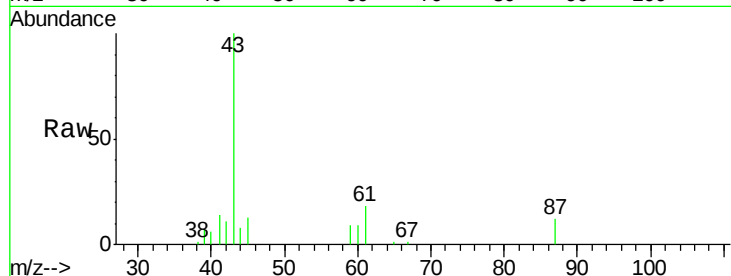
Tot Ion: 43 Resp: 46344

Ion Ratio Lower Upper

43 100

61 15.3 23.9 35.9#

87 9.5 11.0 16.6#



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053488.D

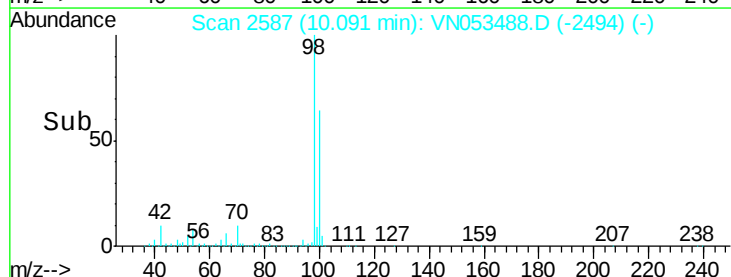
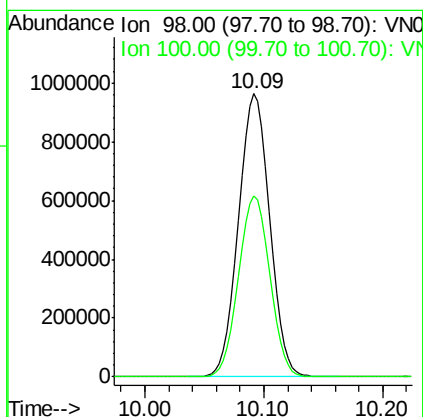
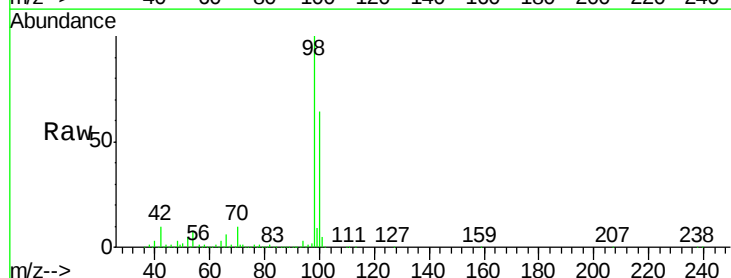
Acq: 18 Jan 2019 22:25

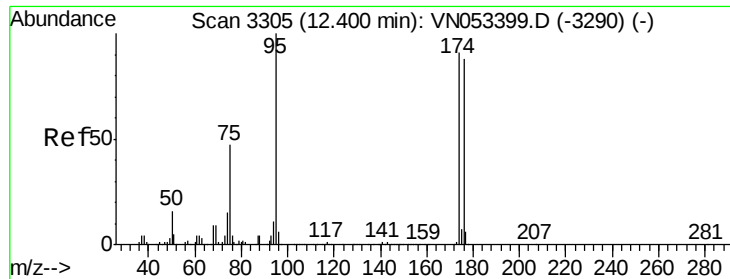
Tgt Ion: 98 Resp: 1753879

Ion Ratio Lower Upper

98 100

100 64.3 51.4 77.0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053488.D

Acq: 18 Jan 2019 22:25

Instrument :

MSVOA_N

ClientSampleId :

RBR-200050

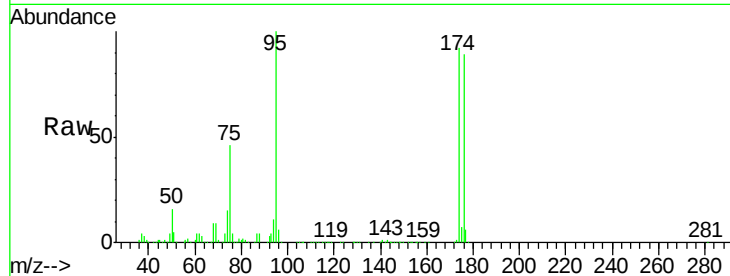
Tot Ion: 95 Resp: 625260

Ion Ratio Lower Upper

95 100

174 92.0 0.0 183.2

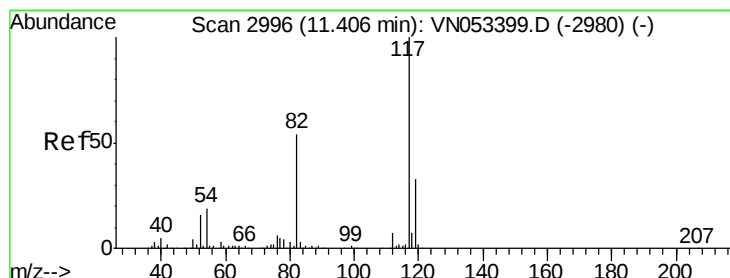
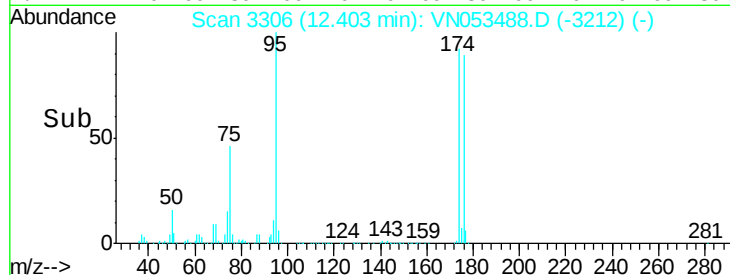
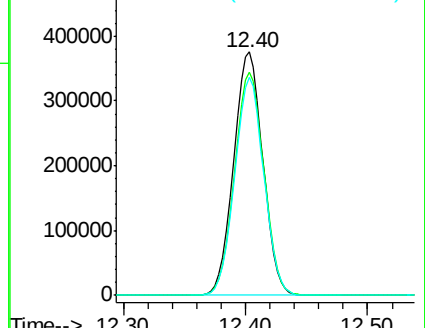
176 88.7 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053399.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN053399.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN053399.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053488.D

Acq: 18 Jan 2019 22:25

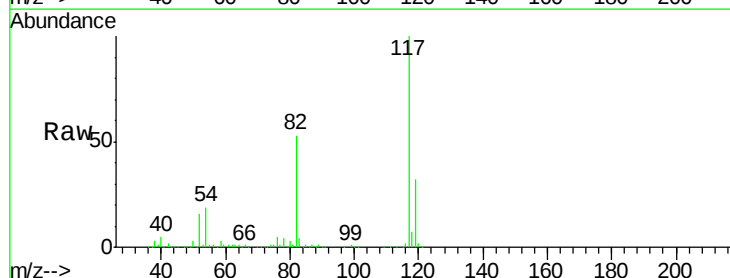
Tgt Ion: 117 Resp: 1352530

Ion Ratio Lower Upper

117 100

82 52.9 42.9 64.3

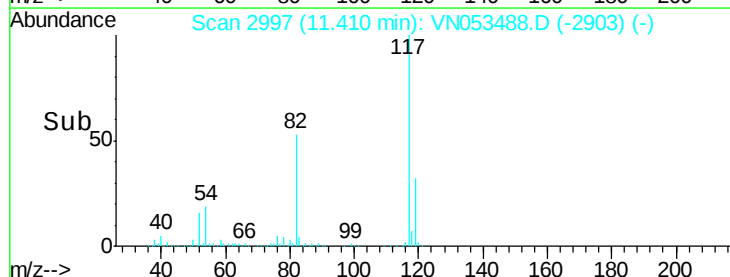
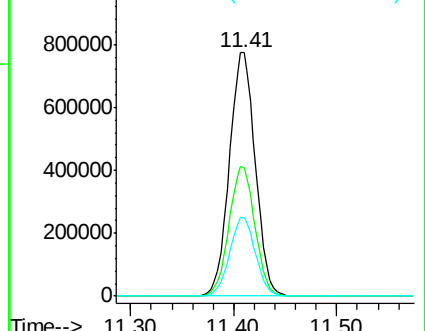
119 32.3 26.0 39.0

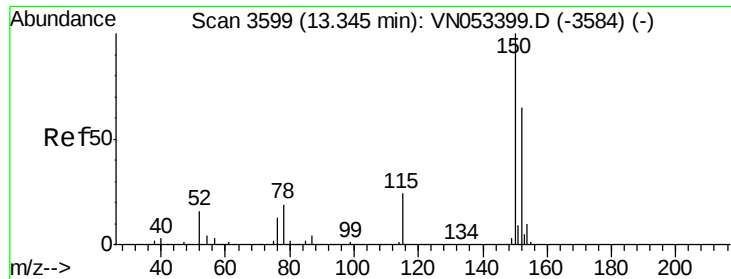


Abundance Ion 116.90 (116.60 to 117.60): VN053399.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053399.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053399.D (-2980) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053488.D

Acq: 18 Jan 2019 22:25

Instrument :

MSVOA_N

ClientSampleId :

RBR-200050

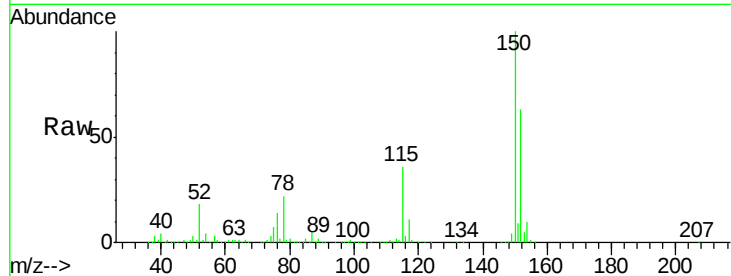
Tot Ion:152 Resp: 613858

Ion Ratio Lower Upper

152 100

115 56.1 27.8 83.4

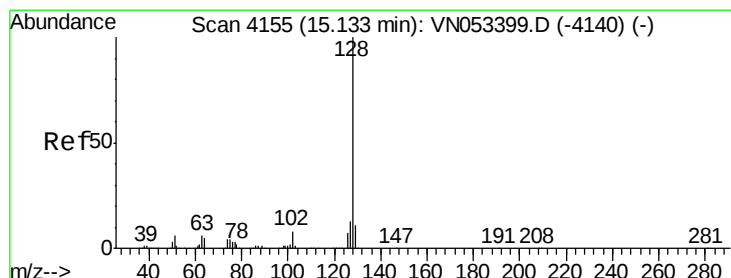
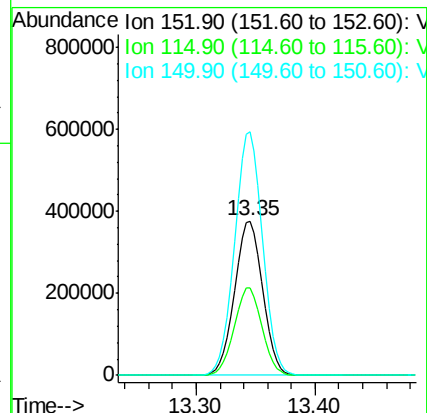
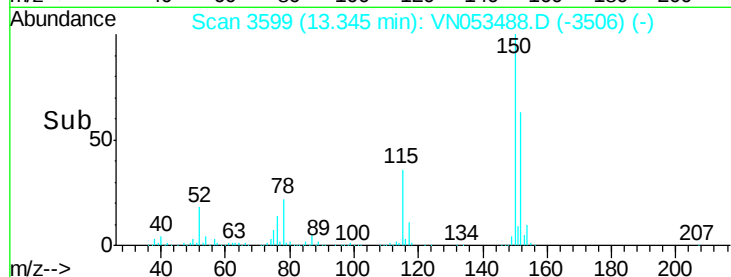
150 157.0 0.0 349.0



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: 4.901 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053488.D

Acq: 18 Jan 2019 22:25

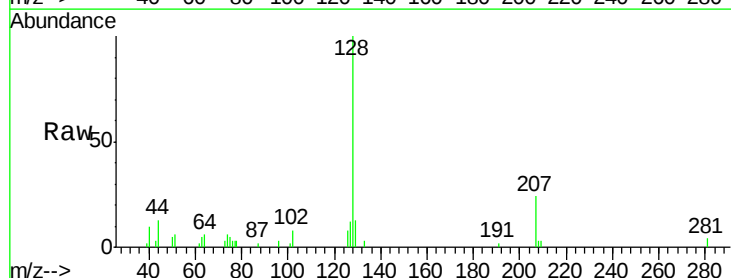
Tgt Ion:128 Resp: 15492

Ion Ratio Lower Upper

128 100

127 11.8 10.3 15.5

129 11.1 8.6 13.0



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

