

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121818\
 Data File : VN052991.D
 Acq On : 19 Dec 2018 5:32
 Operator : MD\SY
 Sample : J6464-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 44 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 290-RT4008-RBR251686

Quant Time: Dec 19 07:52:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

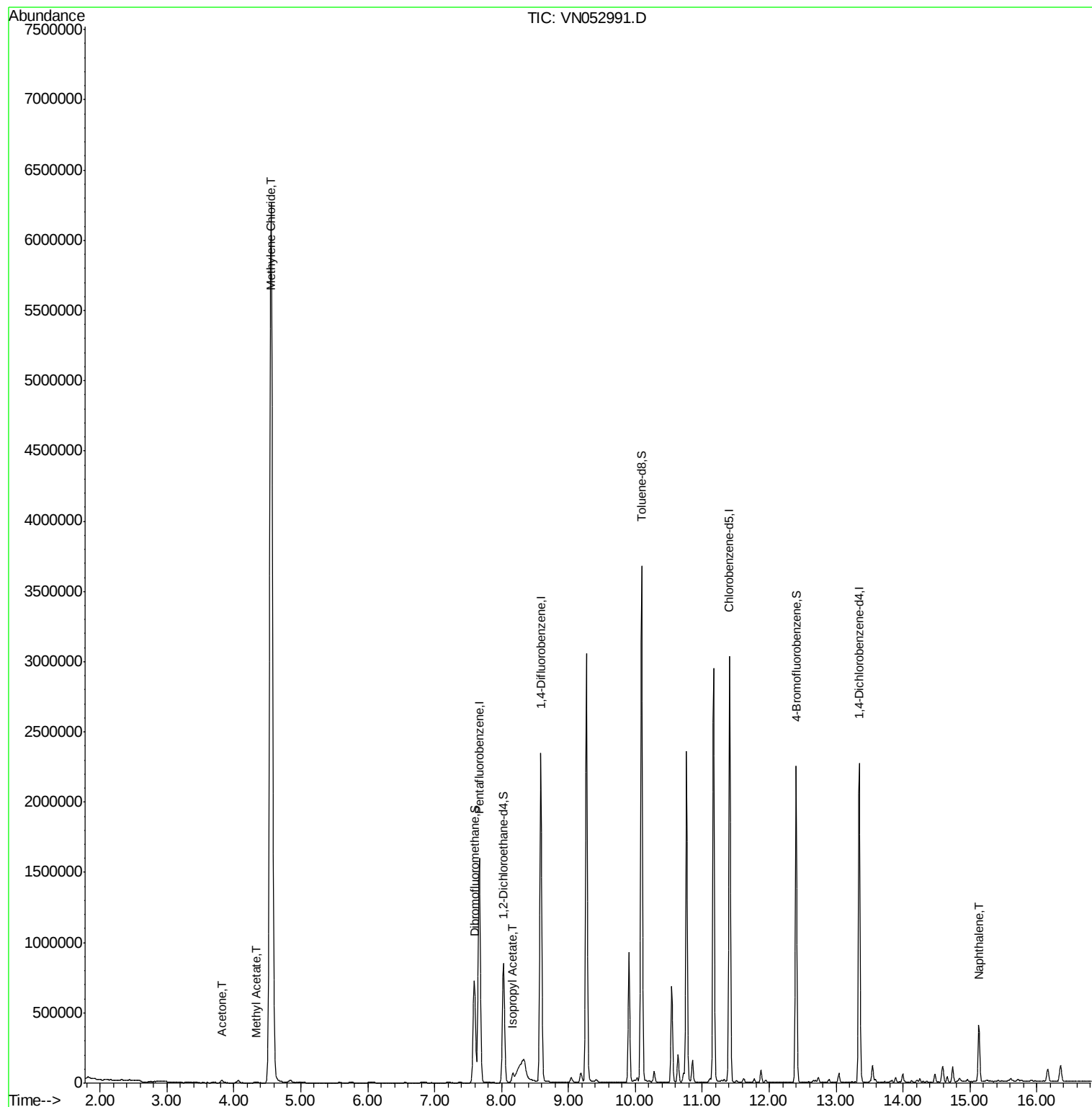
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1424814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2182030	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1855968	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	653651	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	704858	48.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.50%	
35) Dibromofluoromethane	7.59	113	580639	58.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.50%	
50) Toluene-d8	10.09	98	2640665	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.70%	
62) 4-Bromofluorobenzene	12.40	95	784819	41.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.56%	
Target Compounds						
16) Acetone	3.82	43	26678	9.410	ug/l	96
18) Methyl Acetate	4.33	43	8879	1.668	ug/l #	62
20) Methylene Chloride	4.55	84	4942797	319.622	ug/l	98
43) Isopropyl Acetate	8.17	43	81815	2.626	ug/l #	83
95) Naphthalene	15.13	128	363511	14.967	ug/l	99

(#) = 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

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ClientSampleId :

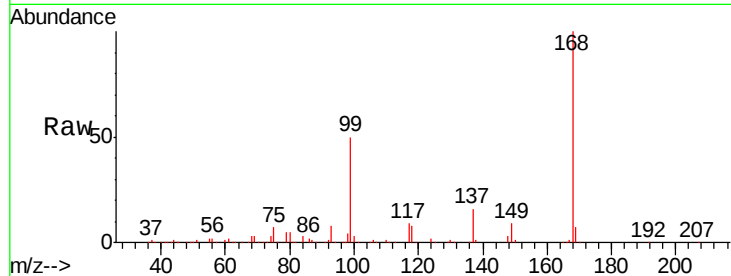
290-RT4008-RBR251686

Tgt Ion:168 Resp: 1424814

Ion Ratio Lower Upper

168 100

99 49.8 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

600000

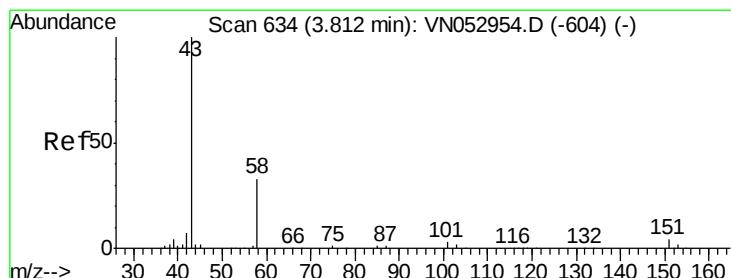
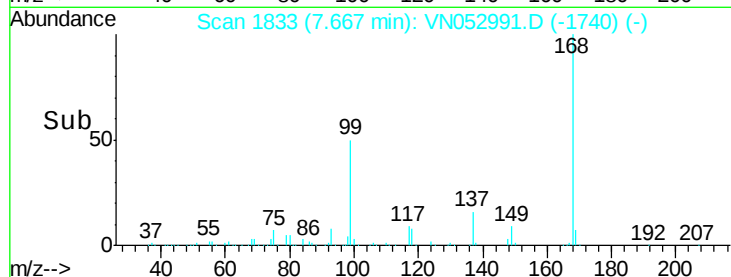
400000

200000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 9.410 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052991.D

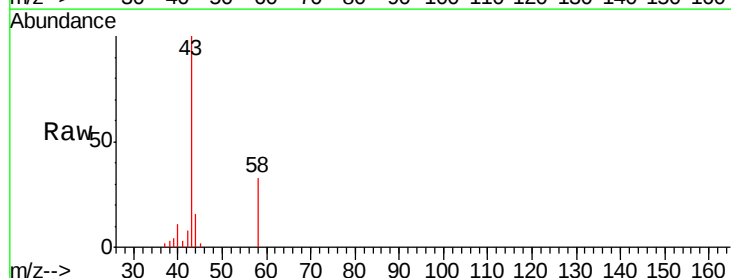
Acq: 19 Dec 2018 5:32

Tgt Ion: 43 Resp: 26678

Ion Ratio Lower Upper

43 100

58 33.9 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

10000

8000

6000

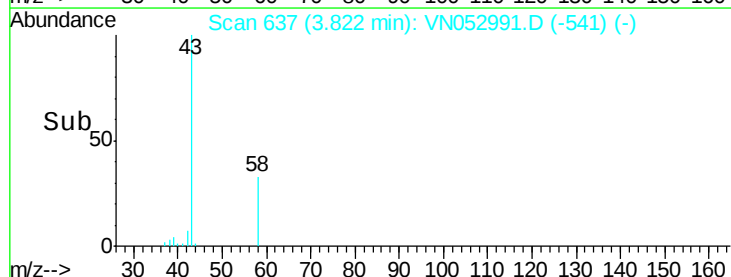
4000

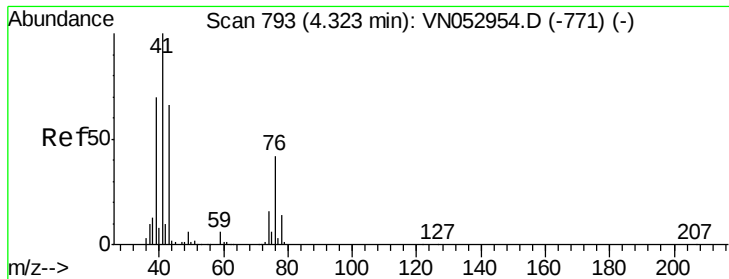
2000

0

3.70 3.75 3.80 3.85 3.90

Time-->

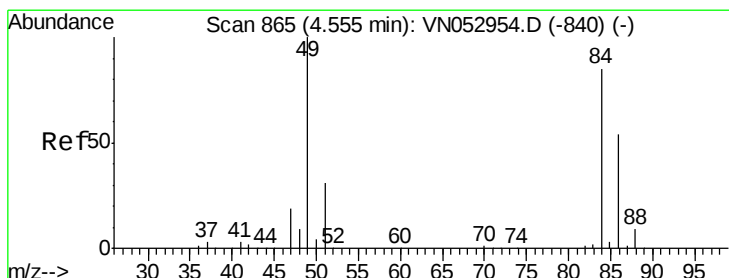
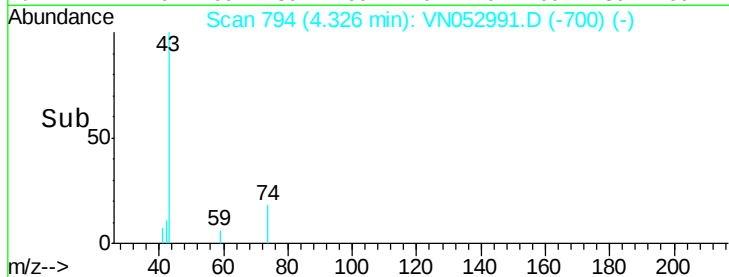
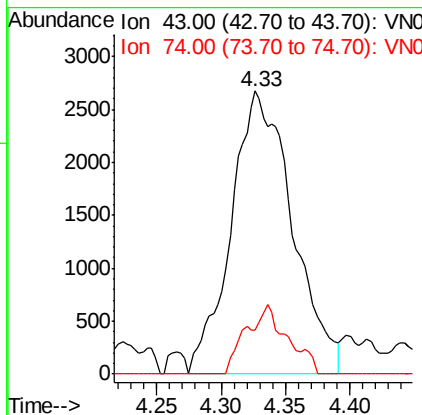
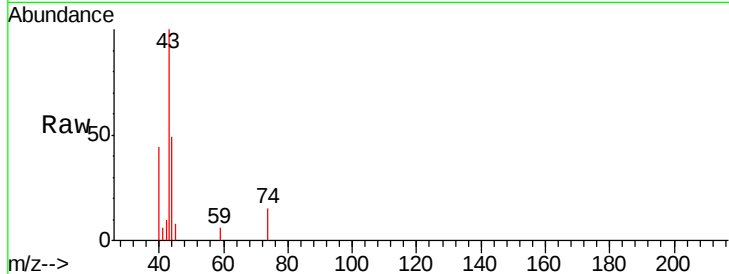




#18
Methyl Acetate
Concen: 1.668 ug/l
RT: 4.33 min Scan# 794
Delta R.T. 0.00 min
Lab File: VN052991.D
Acq: 19 Dec 2018 5:32

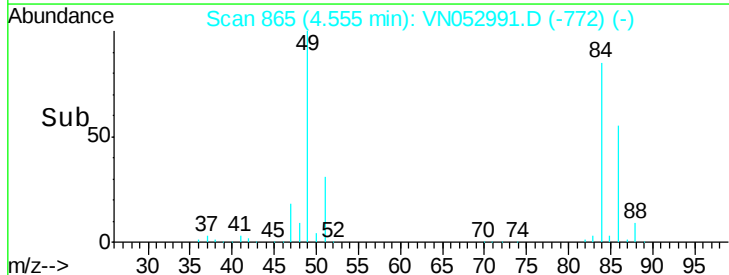
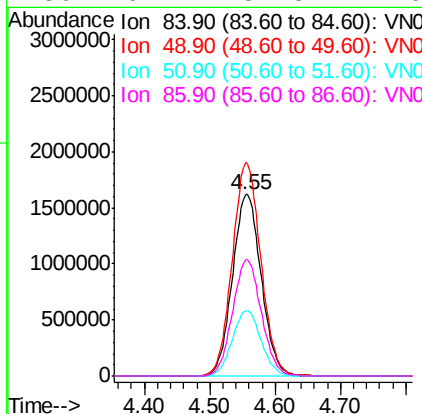
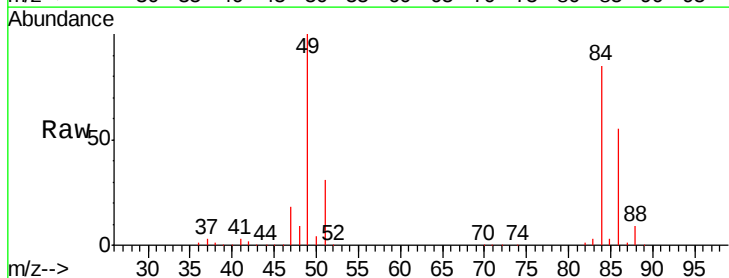
Instrument :
MSVOA_N
ClientSampleId :
290-RT4008-RBR251686

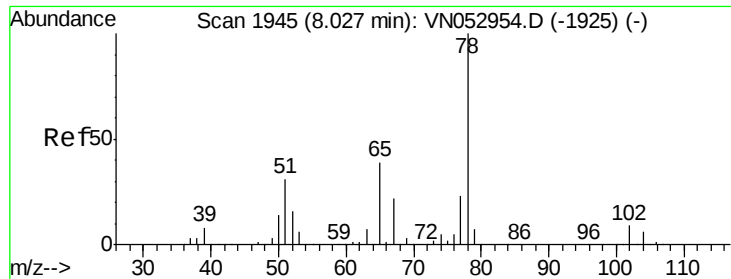
Tgt Ion: 43 Resp: 8879
Ion Ratio Lower Upper
43 100
74 5.2 19.2 28.8#



#20
Methylene Chloride
Concen: 319.622 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN052991.D
Acq: 19 Dec 2018 5:32

Tgt Ion: 84 Resp: 4942797
Ion Ratio Lower Upper
84 100
49 117.6 96.8 145.2
51 36.0 29.9 44.9
86 64.2 51.8 77.6





#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN052991.D

Acq: 19 Dec 2018 5:32

Instrument :

MSVOA_N

ClientSampleId :

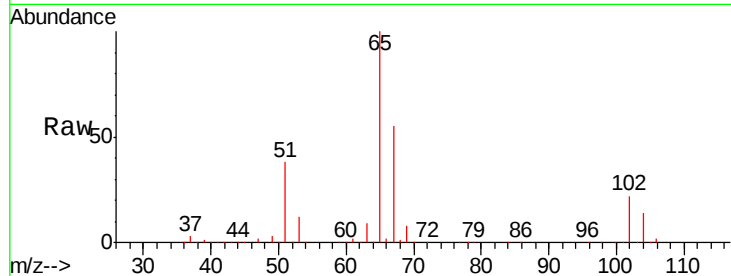
290-RT4008-RBR251686

Tgt Ion: 65 Resp: 704858

Ion Ratio Lower Upper

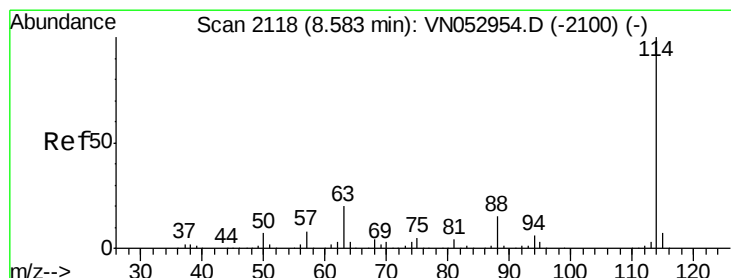
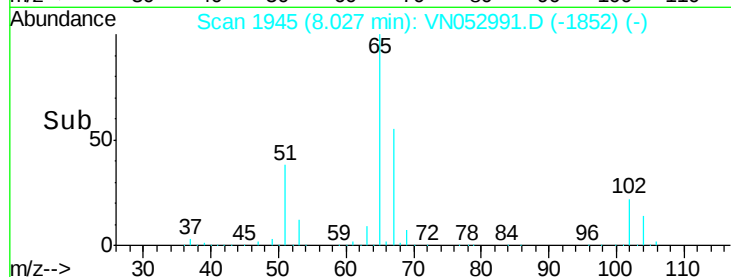
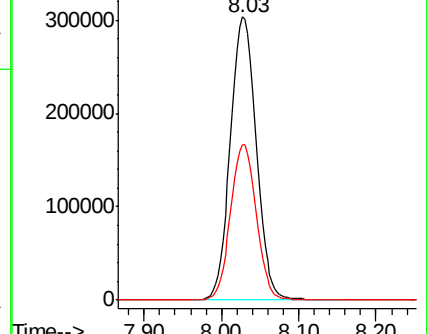
65 100

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: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN052991.D

Acq: 19 Dec 2018 5:32

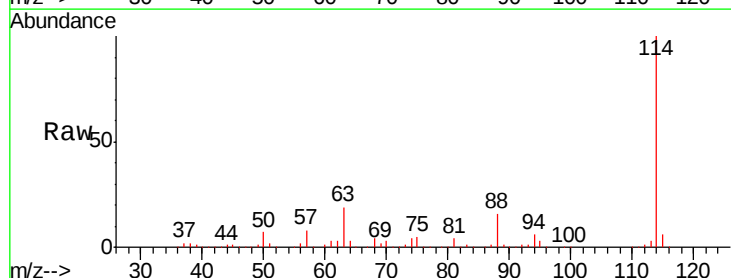
Tgt Ion: 114 Resp: 2182030

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.8

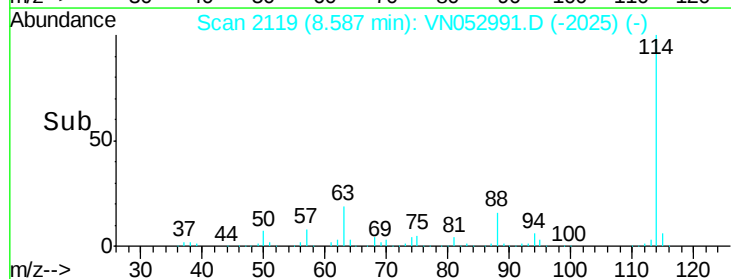
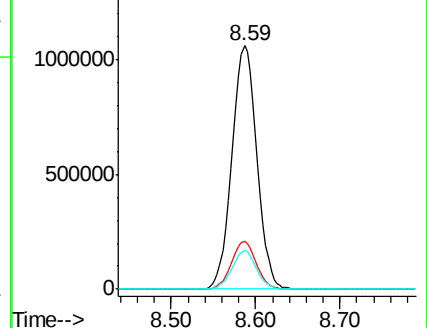
88 15.8 0.0 31.0

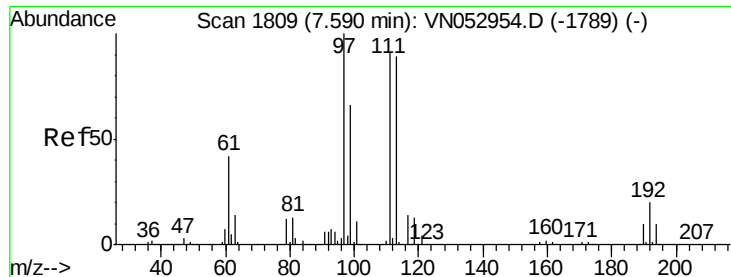


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN052991.D

Acq: 19 Dec 2018 5:32

Instrument :

MSVOA_N

ClientSampleId :

290-RT4008-RBR251686

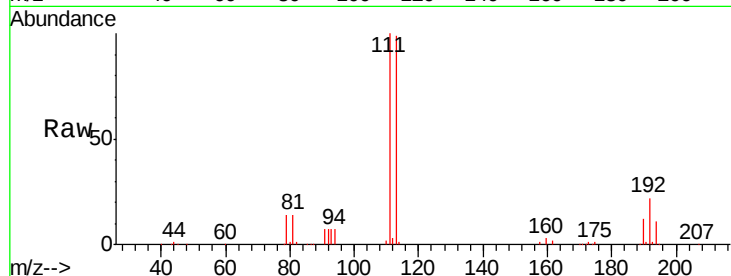
Tgt Ion:113 Resp: 580639

Ion Ratio Lower Upper

113 100

111 101.5 83.0 124.4

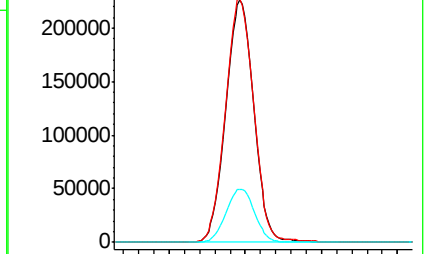
192 22.3 17.5 26.3



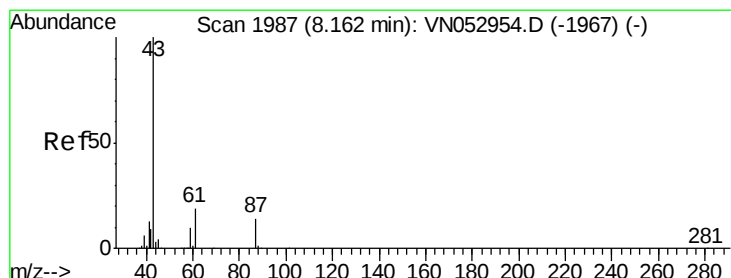
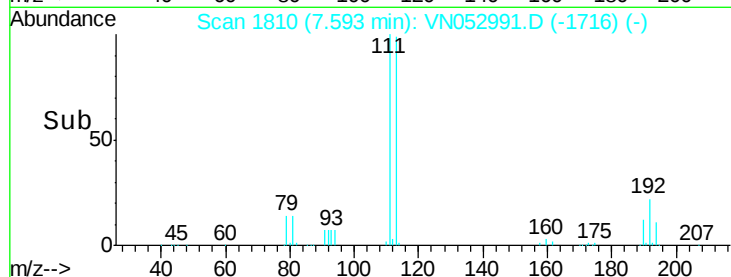
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time-->



#43

Isopropyl Acetate

Concen: 2.626 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052991.D

Acq: 19 Dec 2018 5:32

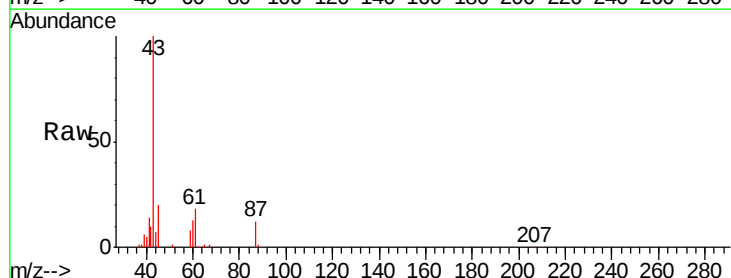
Tgt Ion: 43 Resp: 81815

Ion Ratio Lower Upper

43 100

61 16.9 22.9 34.3#

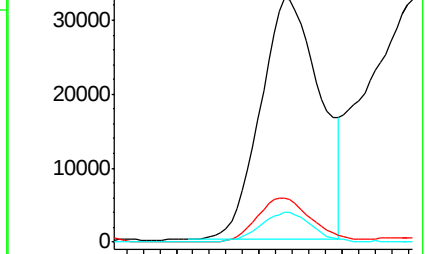
87 10.6 10.6 15.8



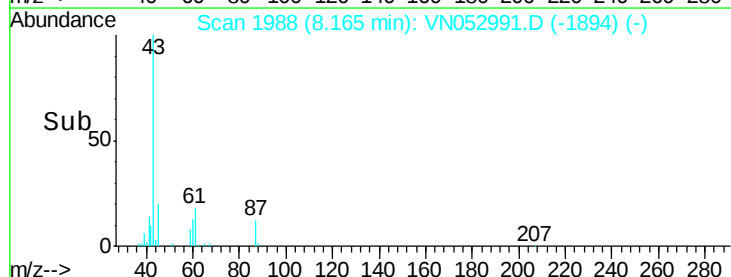
Abundance Ion 43.00 (42.70 to 43.70): V

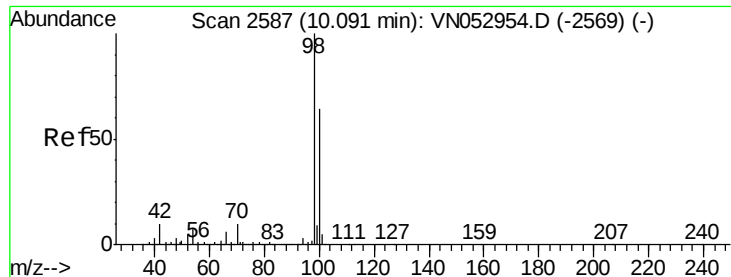
Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V



Time-->





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052991.D

Acq: 19 Dec 2018 5:32

Instrument :

MSVOA_N

ClientSampleId :

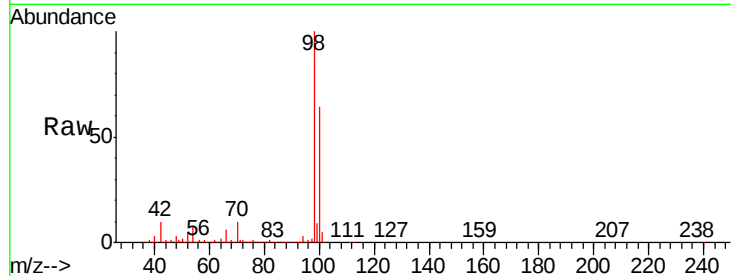
290-RT4008-RBR251686

Tgt Ion: 98 Resp: 2640665

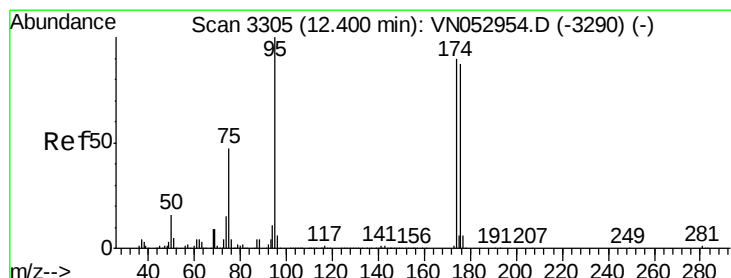
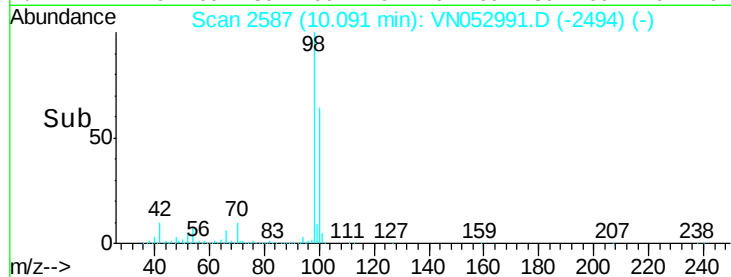
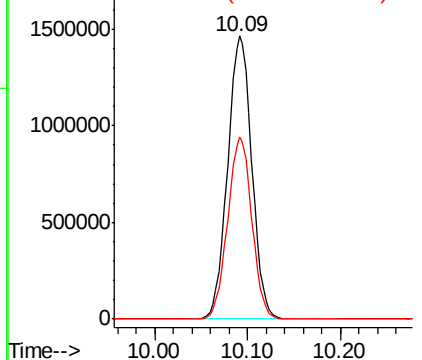
Ion Ratio Lower Upper

98 100

100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN052991.D (-2494) (-)



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052991.D

Acq: 19 Dec 2018 5:32

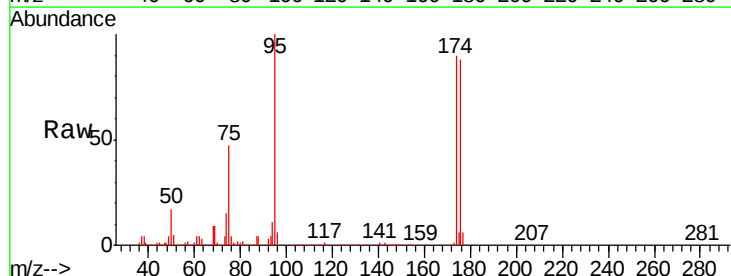
Tgt Ion: 95 Resp: 784819

Ion Ratio Lower Upper

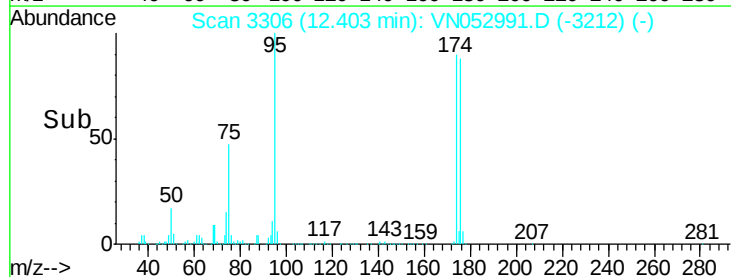
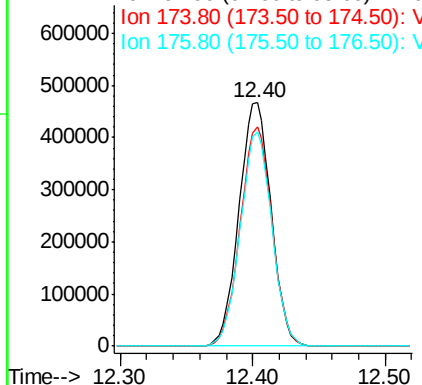
95 100

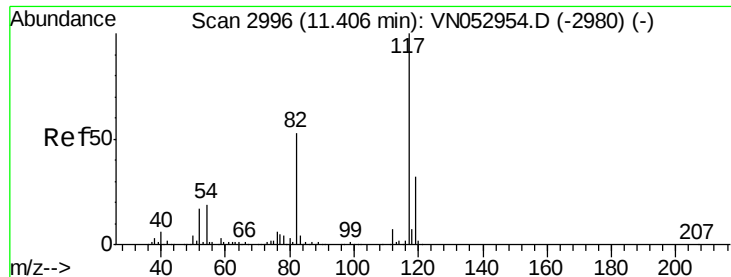
174 89.1 0.0 178.8

176 86.7 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN052991.D (-3212) (-)





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN052991.D

Acq: 19 Dec 2018 5:32

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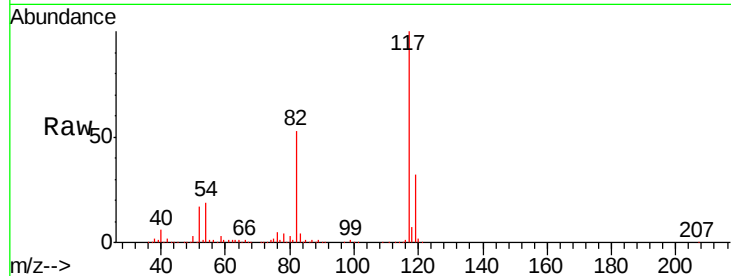
Tgt Ion:117 Resp: 1855968

Ion Ratio Lower Upper

117 100

82 53.3 42.8 64.2

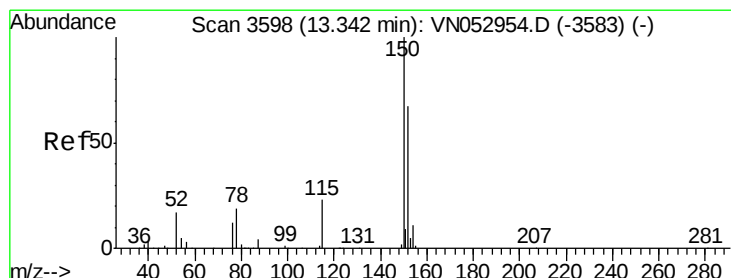
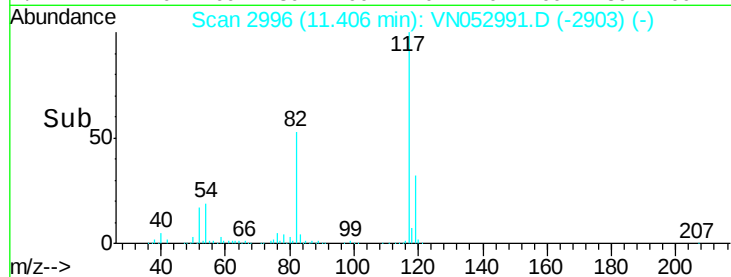
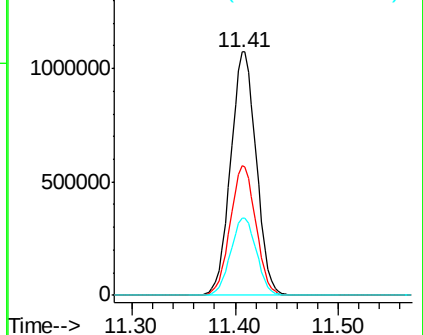
119 31.9 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN052991.D

Acq: 19 Dec 2018 5:32

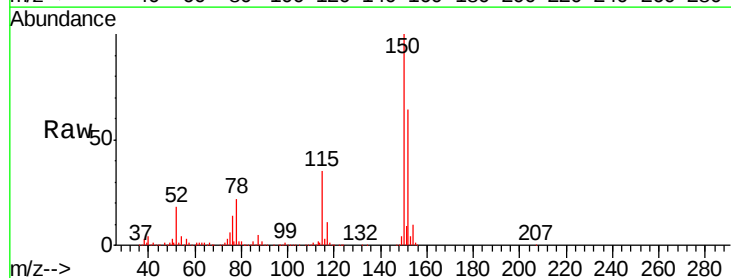
Tgt Ion:152 Resp: 653651

Ion Ratio Lower Upper

152 100

115 55.6 28.3 85.0

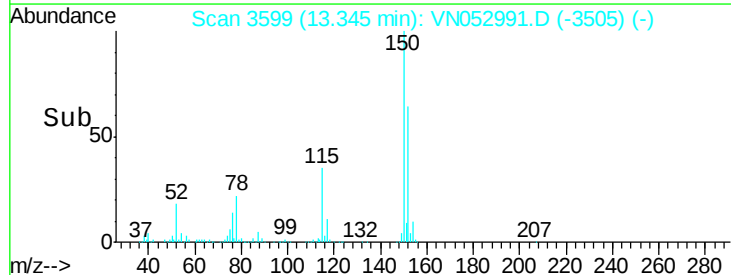
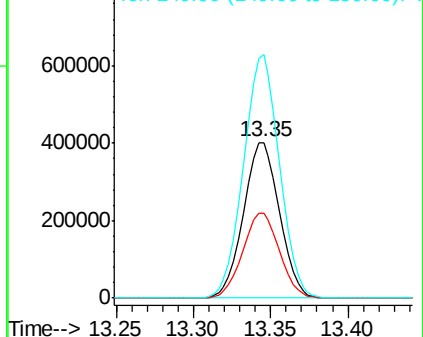
150 155.7 0.0 347.8

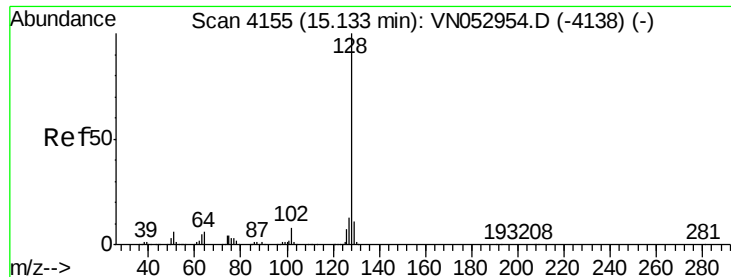


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#95

Naphthalene

Concen: 14.967 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052991.D

Acq: 19 Dec 2018 5:32

Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion:128 Resp: 363511

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 11.1 8.6 13.0

