

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010319\
 Data File : VN053265.D
 Acq On : 3 Jan 2019 16:31
 Operator : MD\SY
 Sample : PB116111ZHE#10
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB116111ZHE#10

Quant Time: Jan 04 07:36:25 2019
 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

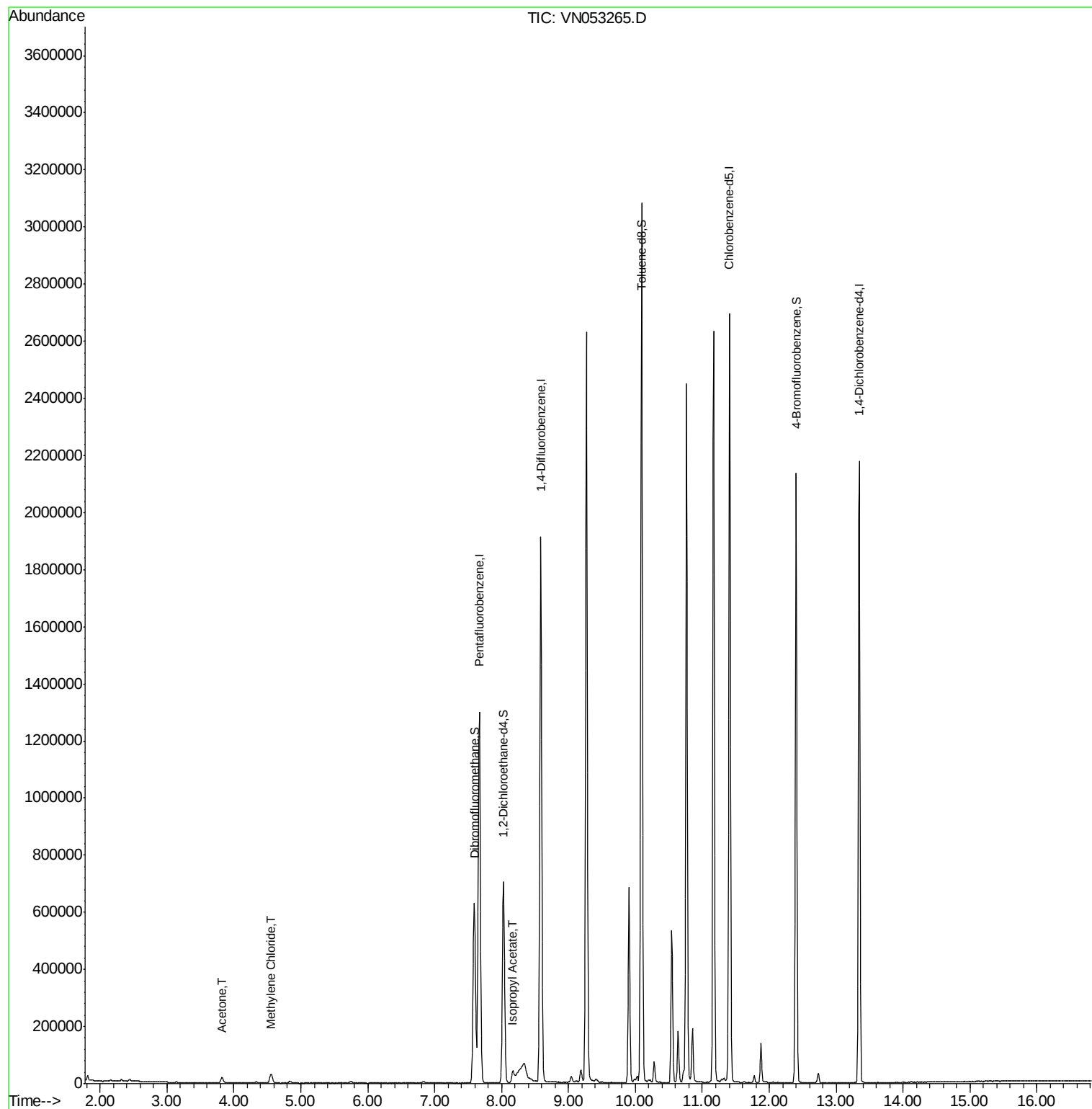
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1148963	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1785422	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1656717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	624929	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	576406	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
35) Dibromofluoromethane	7.59	113	490073	60.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.18%	
50) Toluene-d8	10.09	98	2214462	50.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.16%	
62) 4-Bromofluorobenzene	12.40	95	730752	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
Target Compounds						
16) Acetone	3.82	43	33817	14.792	ug/l	99
20) Methylene Chloride	4.55	84	24181	1.939	ug/l	94
43) Isopropyl Acetate	8.17	43	52590	1.834	ug/l #	86

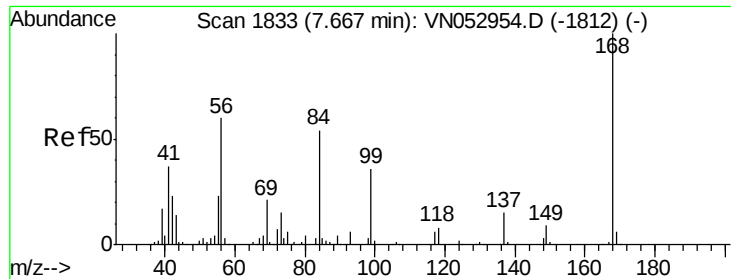
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 18 13:03:37 2018
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: VN053265.D

Acq: 3 Jan 2019 16:31

Instrument :

MSVOA_N

ClientSampleId :

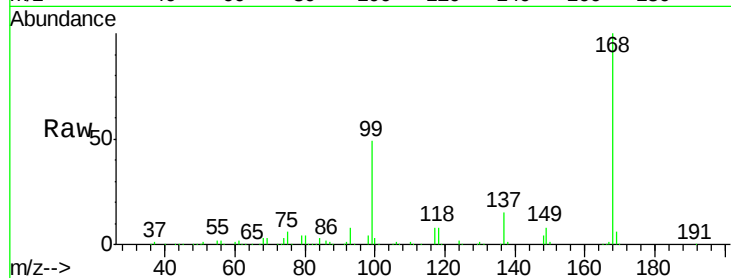
PB116111ZHE#10

Tot Ion:168 Resp: 1148963

Ion Ratio Lower Upper

168 100

99 49.2 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

500000

400000

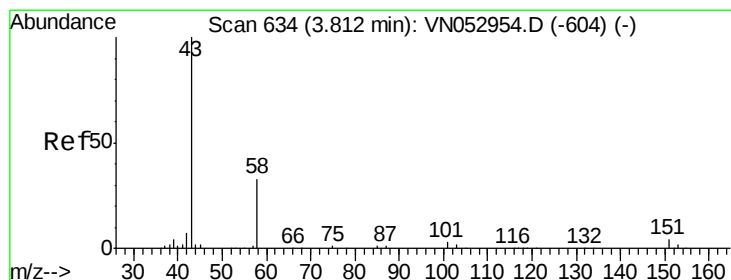
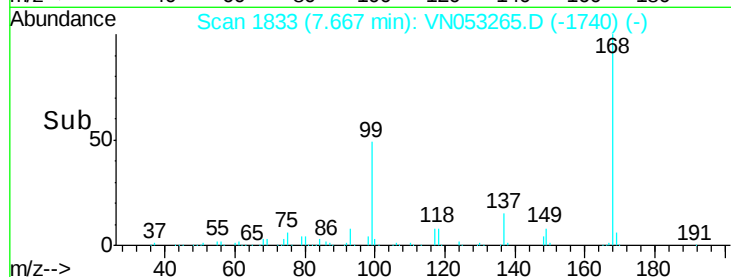
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 14.792 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053265.D

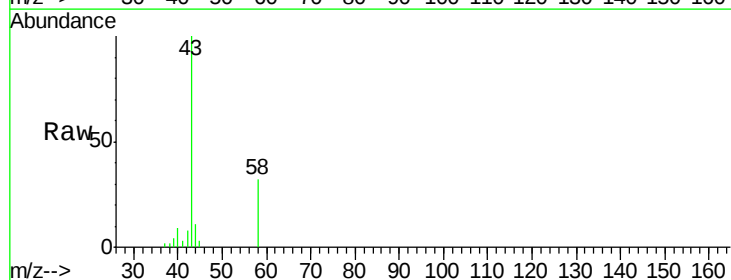
Acq: 3 Jan 2019 16:31

Tgt Ion: 43 Resp: 33817

Ion Ratio Lower Upper

43 100

58 32.3 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

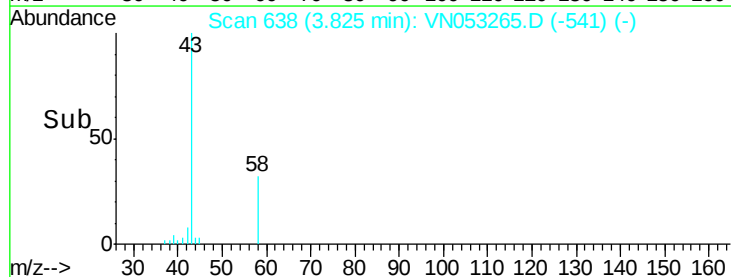
3.82

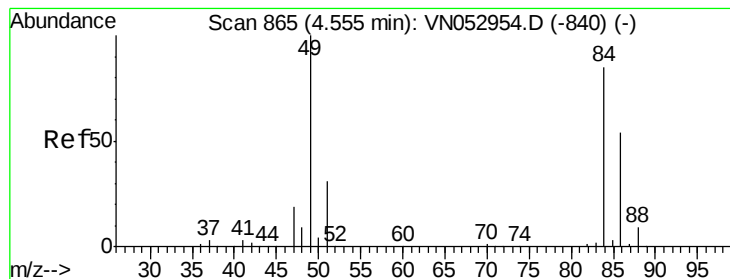
10000

5000

0

Time-->





#20

Methylene Chloride

Concen: 1.939 ug/l

RT: 4.55 min Scan# 865

Delta R.T. -0.00 min

Lab File: VN053265.D

Acq: 3 Jan 2019 16:31

Instrument :

MSVOA_N

ClientSampleId :

PB116111ZHE#10

Tot Ion: 84 Resp: 24181

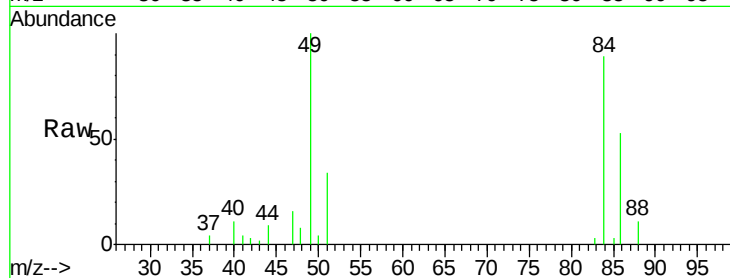
Ion Ratio Lower Upper

84 100

49 112.4 96.8 145.2

51 38.4 29.9 44.9

86 59.7 51.8 77.6



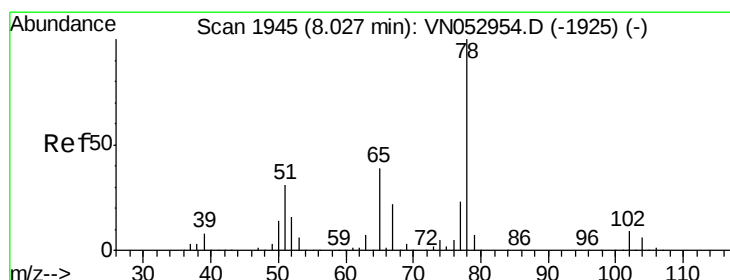
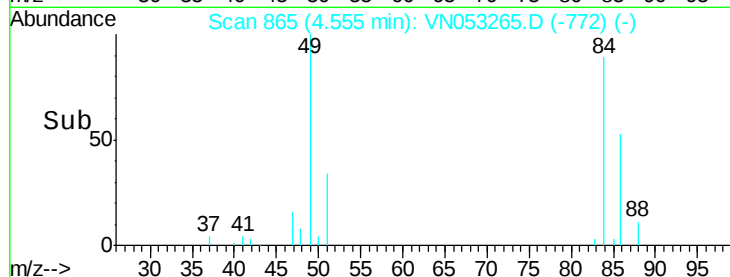
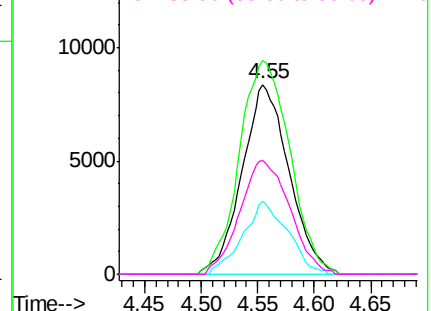
Abundance

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: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN053265.D

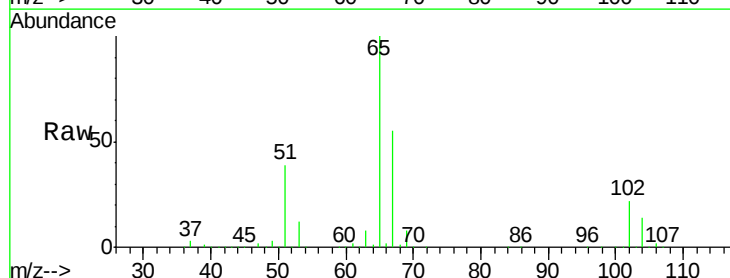
Acq: 3 Jan 2019 16:31

Tgt Ion: 65 Resp: 576406

Ion Ratio Lower Upper

65 100

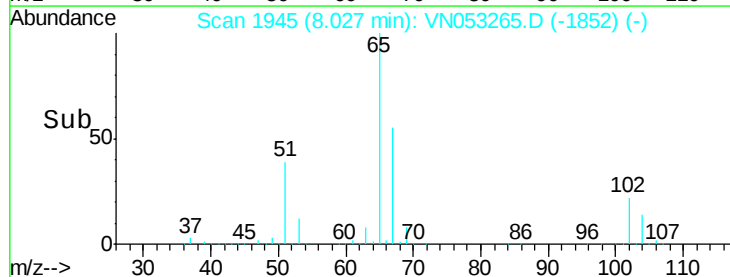
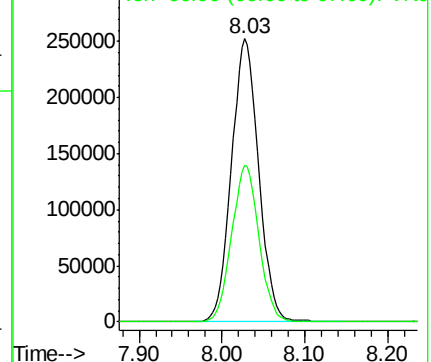
67 55.3 0.0 110.4

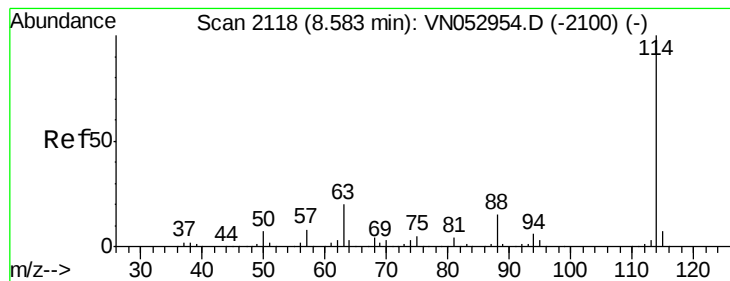


Abundance

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: VN053265.D

Acq: 3 Jan 2019 16:31

Instrument :

MSVOA_N

ClientSampleId :

PB116111ZHE#10

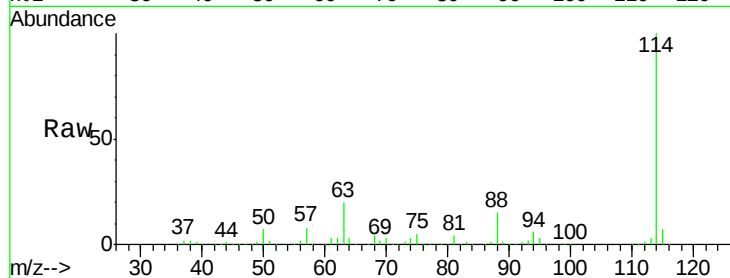
Tot Ion:114 Resp: 1785422

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.8

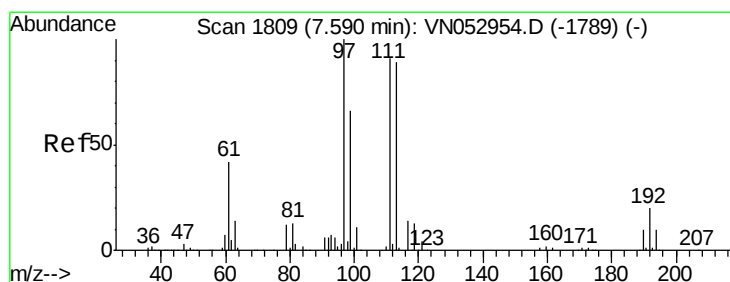
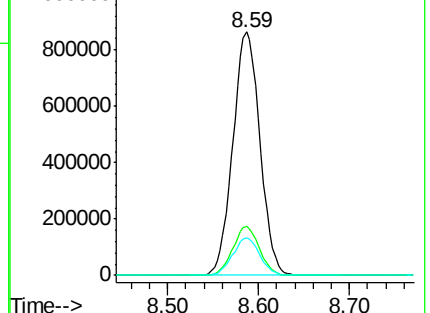
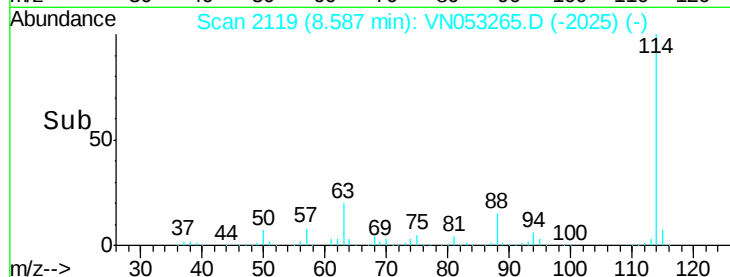
88 15.5 0.0 31.0



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# 1809

Delta R.T. -0.00 min

Lab File: VN053265.D

Acq: 3 Jan 2019 16:31

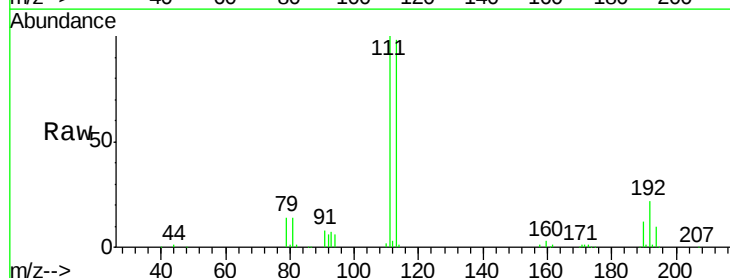
Tgt Ion:113 Resp: 490073

Ion Ratio Lower Upper

113 100

111 102.2 83.0 124.4

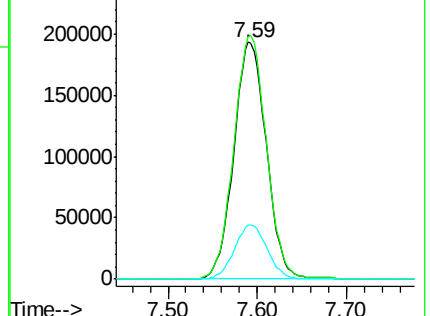
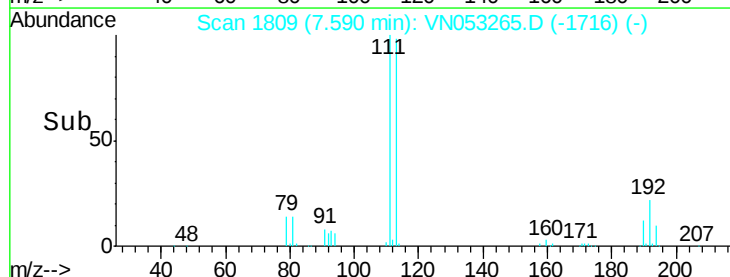
192 23.0 17.5 26.3

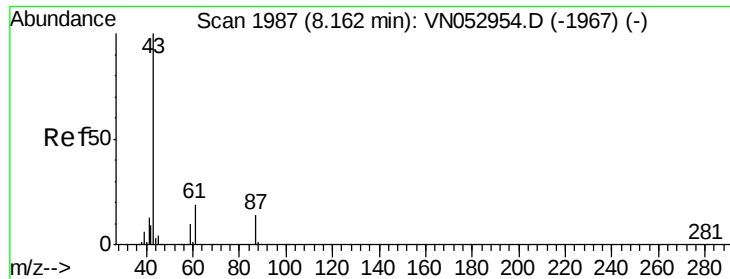


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.834 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053265.D

Acq: 3 Jan 2019 16:31

Instrument :

MSVOA_N

ClientSampleId :

PB116111ZHE#10

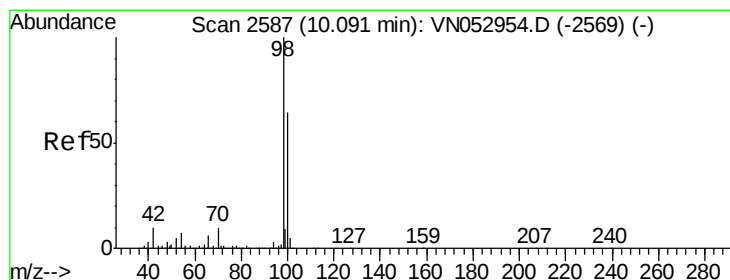
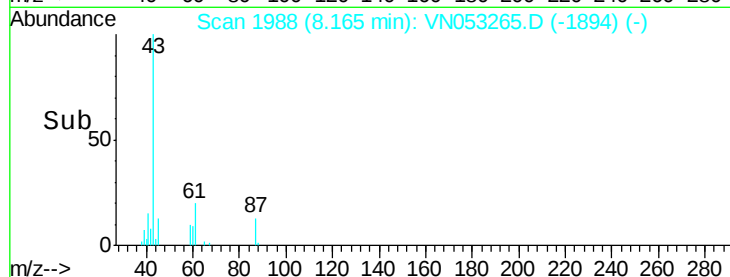
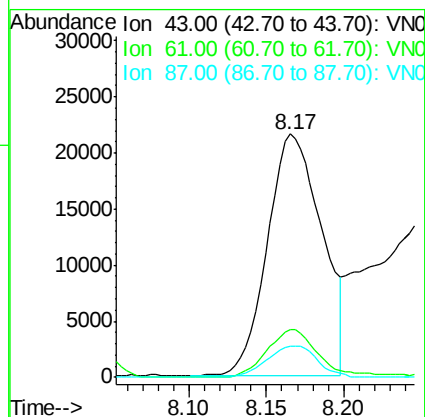
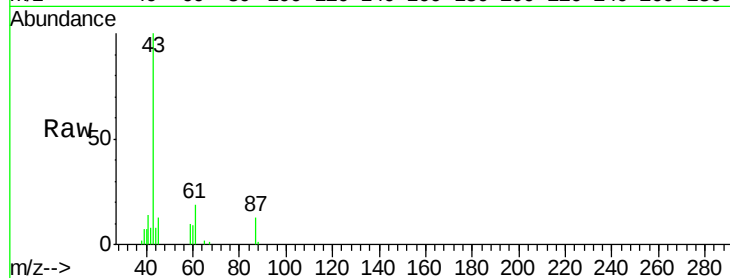
Tot Ion: 43 Resp: 52590

Ion Ratio Lower Upper

43 100

61 18.2 22.9 34.3#

87 12.1 10.6 15.8



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053265.D

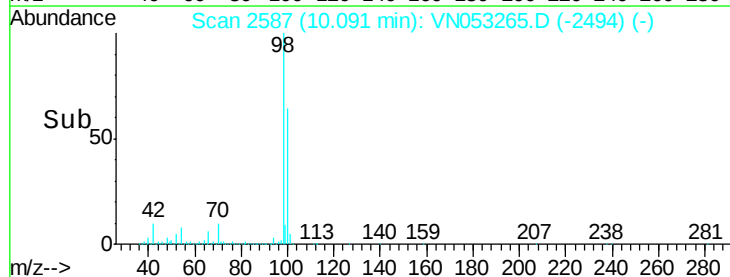
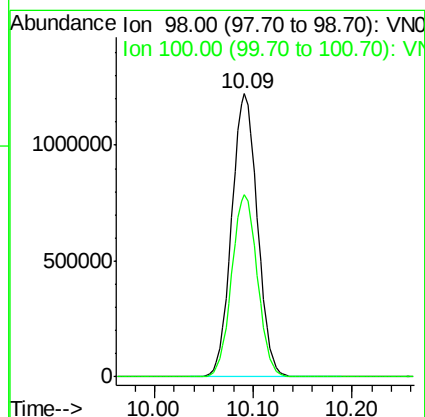
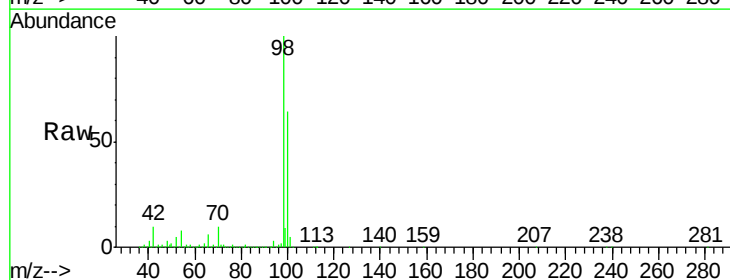
Acq: 3 Jan 2019 16:31

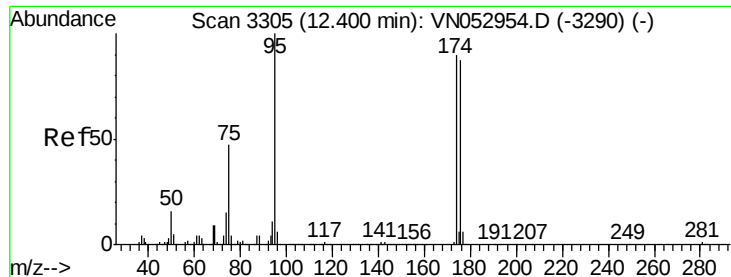
Tgt Ion: 98 Resp: 2214462

Ion Ratio Lower Upper

98 100

100 64.2 51.6 77.4





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053265.D

Acq: 3 Jan 2019 16:31

Instrument :

MSVOA_N

ClientSampleId :

PB116111ZHE#10

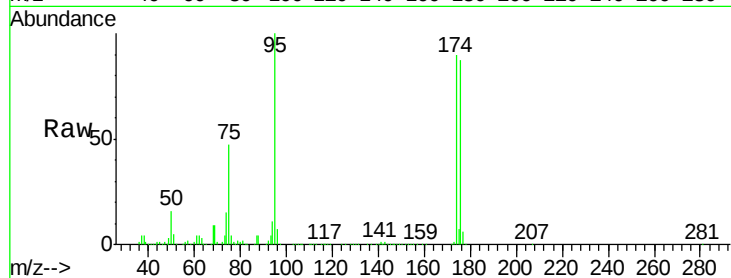
Tot Ion: 95 Resp: 730752

Ion Ratio Lower Upper

95 100

174 89.8 0.0 178.8

176 87.0 0.0 173.8

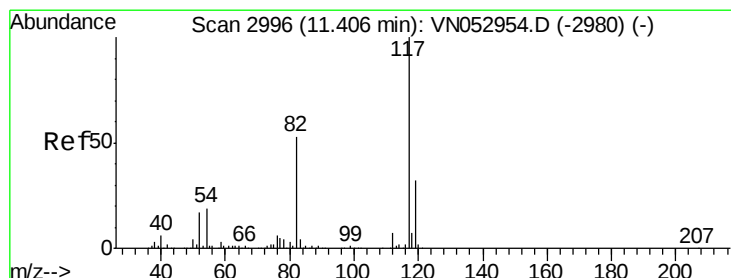
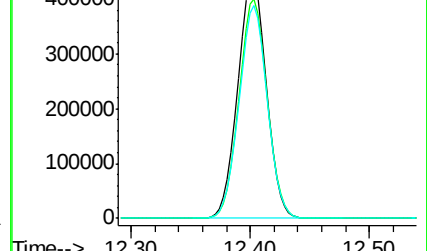
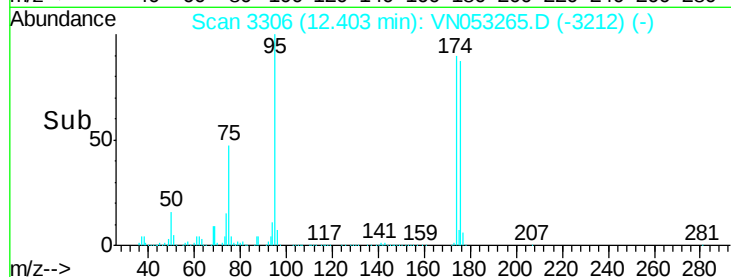


Abundance Ion 94.90 (94.60 to 95.60): VN052954.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN052954.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN052954.D (-3290) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN053265.D

Acq: 3 Jan 2019 16:31

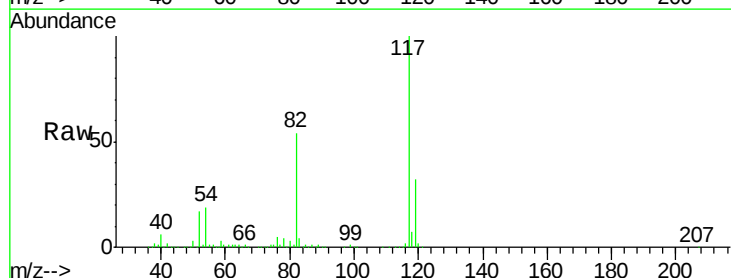
Tgt Ion: 117 Resp: 1656717

Ion Ratio Lower Upper

117 100

82 53.7 42.8 64.2

119 31.8 25.5 38.3

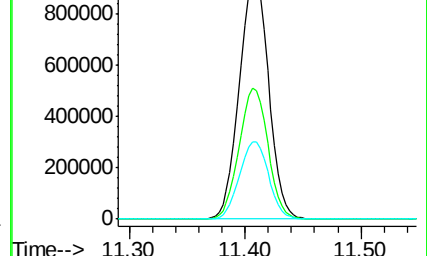
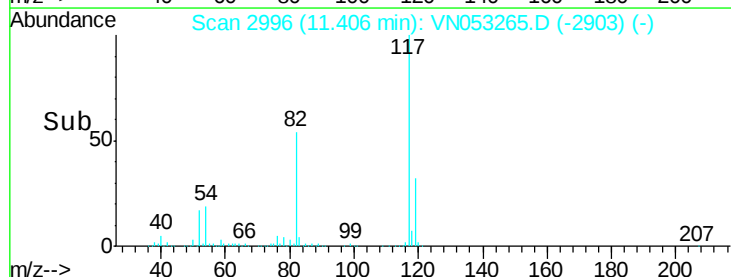


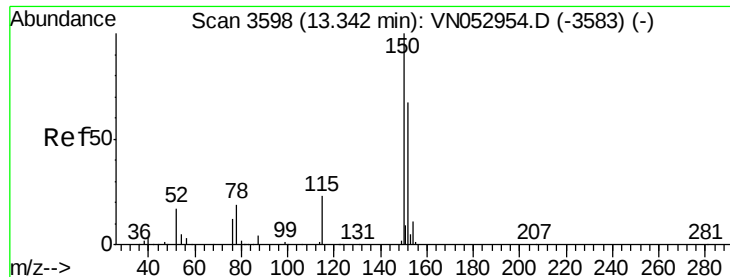
Abundance Ion 116.90 (116.60 to 117.60): VN052954.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN052954.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN052954.D (-2980) (-)

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053265.D

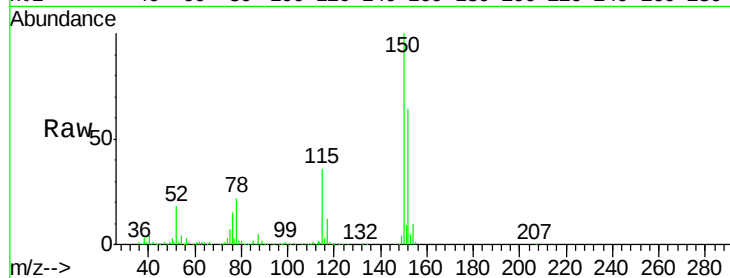
Acq: 3 Jan 2019 16:31

Instrument :

MSVOA_N

ClientSampleId :

PB116111ZHE#10



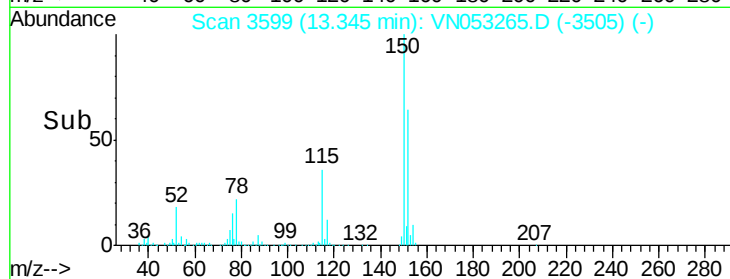
Tot Ion:152 Resp: 624929

Ion Ratio Lower Upper

152 100

115 55.7 28.3 85.0

150 156.7 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

