

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011019\
 Data File : VN053346.D
 Acq On : 10 Jan 2019 17:15
 Operator : MD\SY
 Sample : K1005-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-010918-A

Quant Time: Jan 11 06:35:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

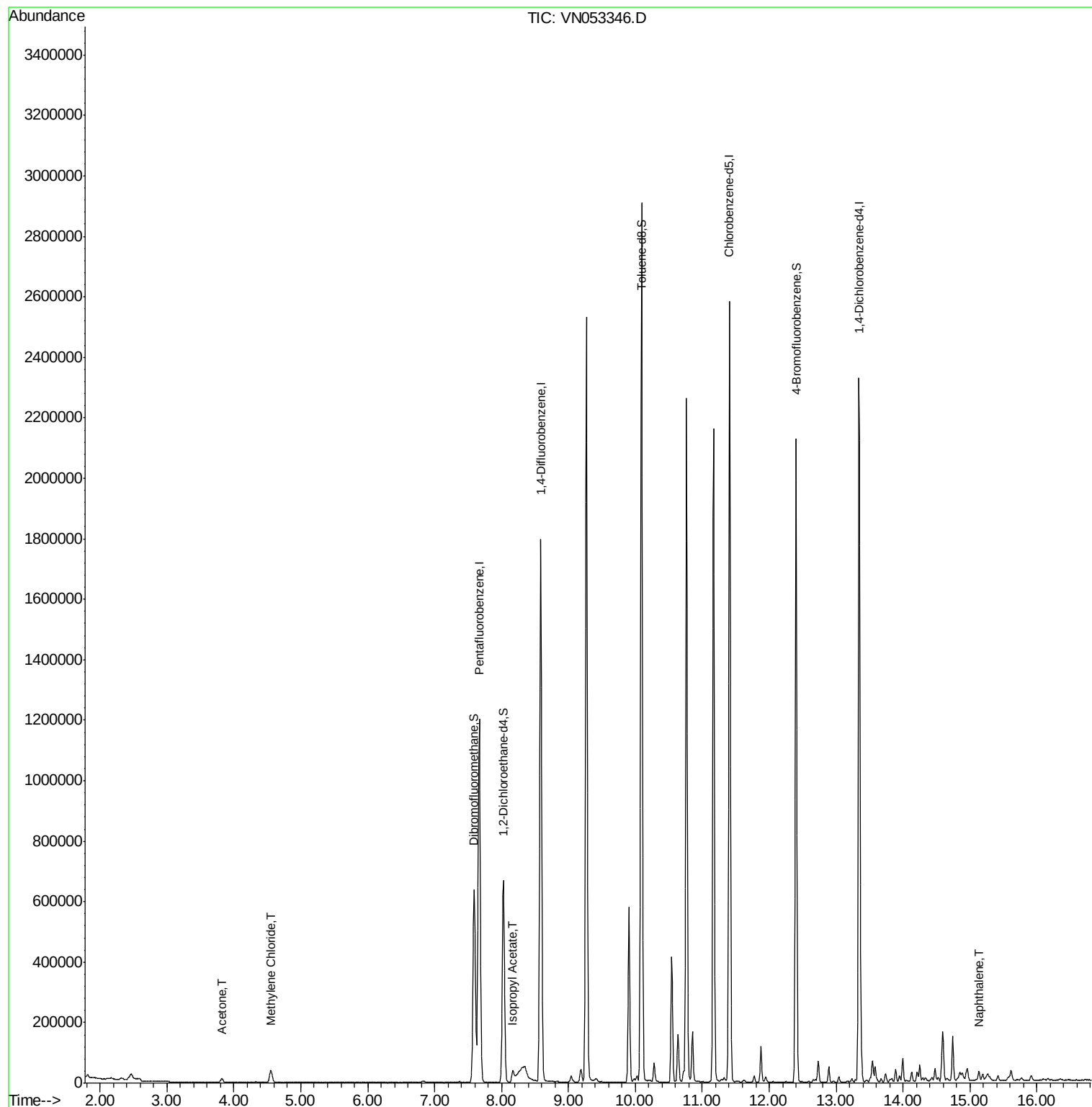
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1087175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1698322	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1593514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	666517	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	552361	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
35) Dibromofluoromethane	7.59	113	490665	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.50%	
50) Toluene-d8	10.09	98	2099152	50.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.66%	
62) 4-Bromofluorobenzene	12.40	95	729038	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
Target Compounds						
16) Acetone	3.82	43	22306	6.013	ug/l	100
20) Methylene Chloride	4.55	84	29326	2.414	ug/l	96
43) Isopropyl Acetate	8.17	43	49712	2.447	ug/l #	82
95) Naphthalene	15.13	128	25423	2.169	ug/l #	96

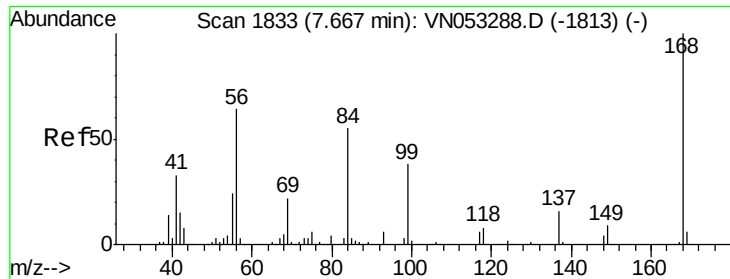
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN053346.D

Acq: 10 Jan 2019 17:15

Instrument :

MSVOA_N

ClientSampleId :

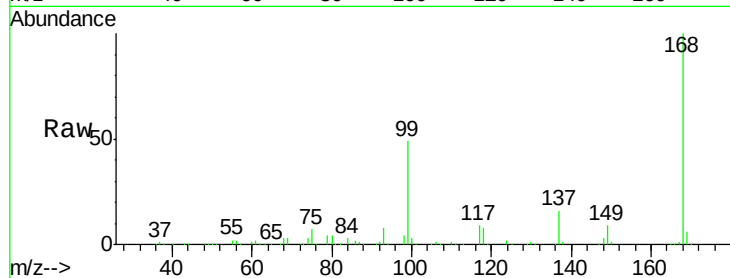
HR-06-010918-A

Tot Ion:168 Resp: 1087175

Ion Ratio Lower Upper

168 100

99 49.3 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

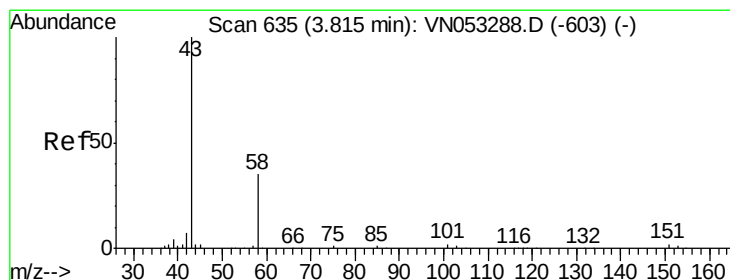
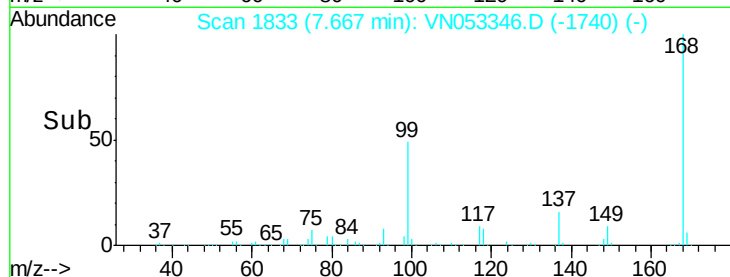
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 6.013 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053346.D

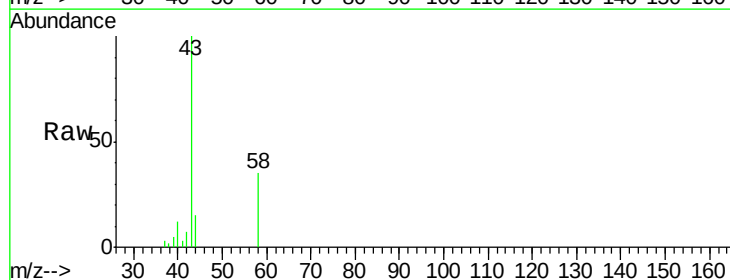
Acq: 10 Jan 2019 17:15

Tgt Ion: 43 Resp: 22306

Ion Ratio Lower Upper

43 100

58 34.7 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

8000

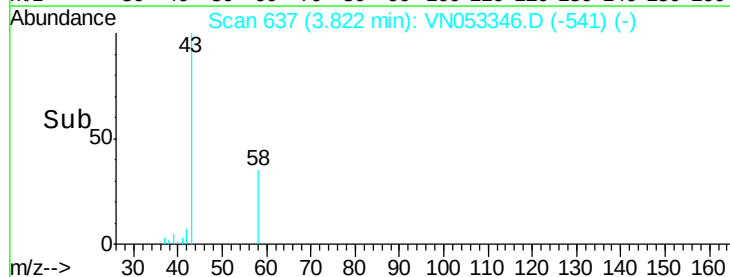
6000

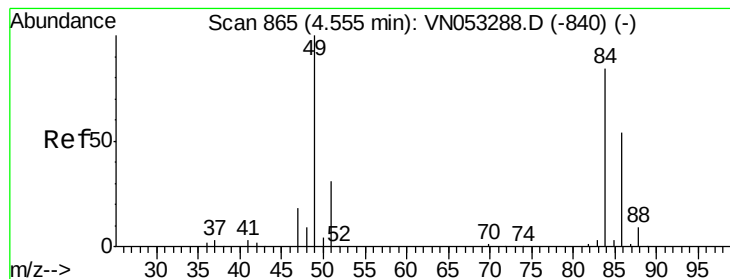
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 2.414 ug/l

RT: 4.55 min Scan# 864

Delta R.T. -0.00 min

Lab File: VN053346.D

Acq: 10 Jan 2019 17:15

Instrument :

MSVOA_N

ClientSampleId :

HR-06-010918-A

Tot Ion: 84 Resp: 29326

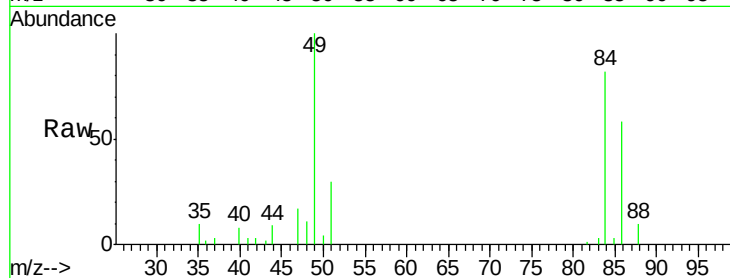
Ion Ratio Lower Upper

84 100

49 121.9 95.3 142.9

51 37.0 29.0 43.6

86 70.9 51.7 77.5

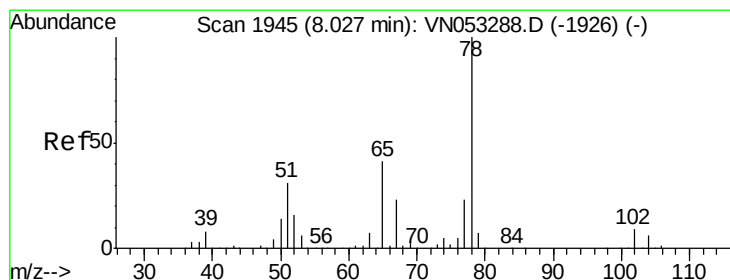
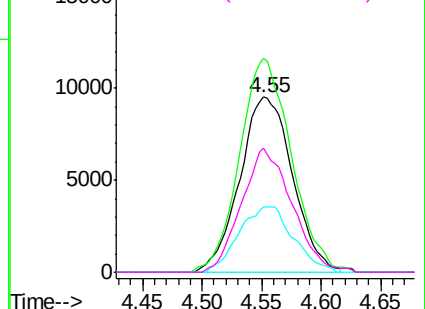
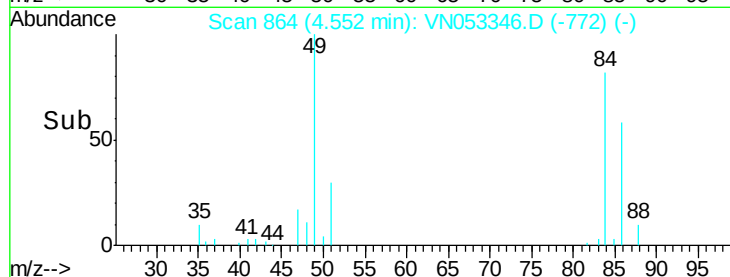


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053346.D

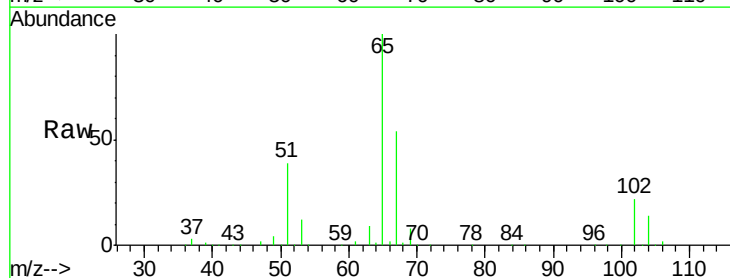
Acq: 10 Jan 2019 17:15

Tgt Ion: 65 Resp: 552361

Ion Ratio Lower Upper

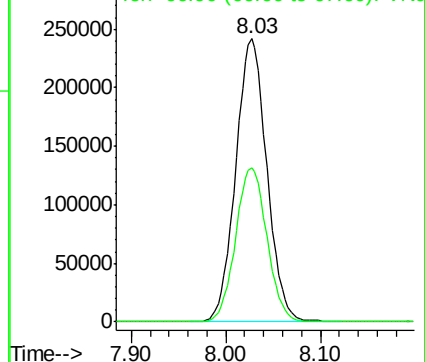
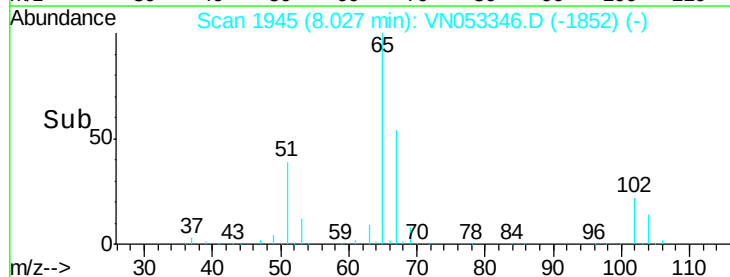
65 100

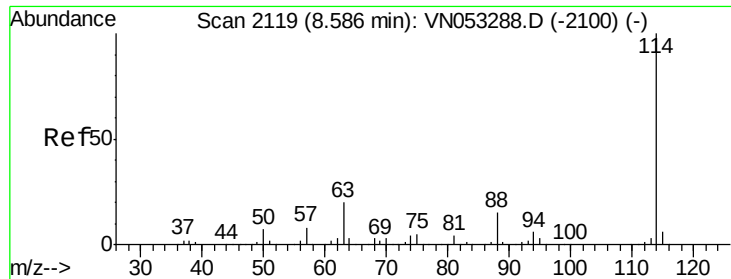
67 54.8 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

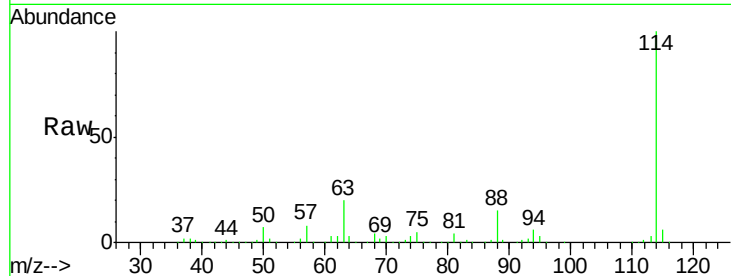




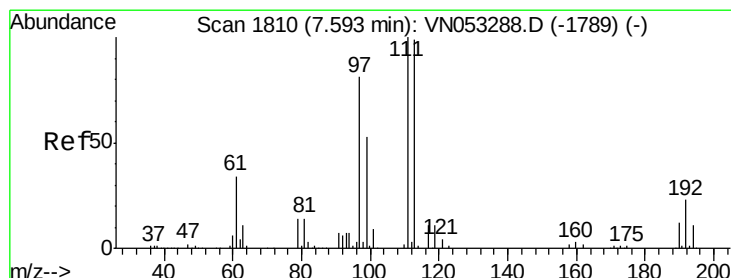
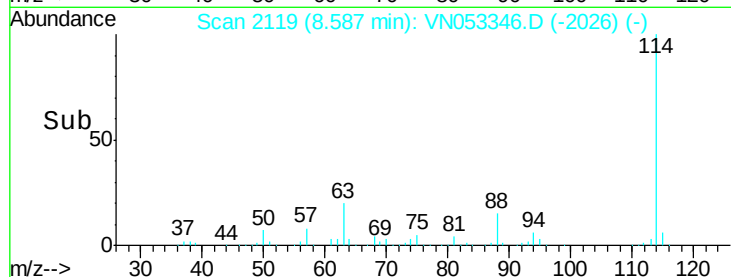
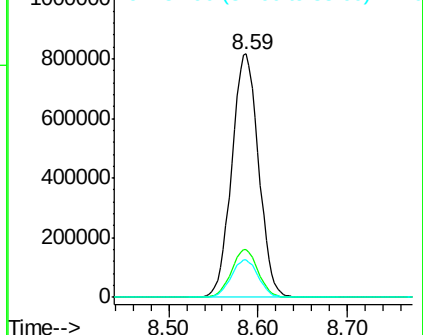
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053346.D
 Acq: 10 Jan 2019 17:15

Instrument :
 MSVOA_N
 ClientSampleId :
 HR-06-010918-A

Tot Ion:114 Resp: 1698322
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.0
 88 15.3 0.0 30.8

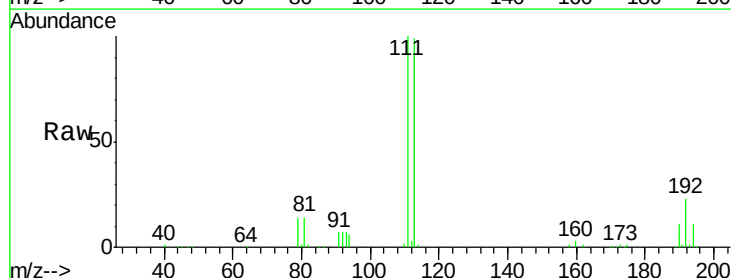


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

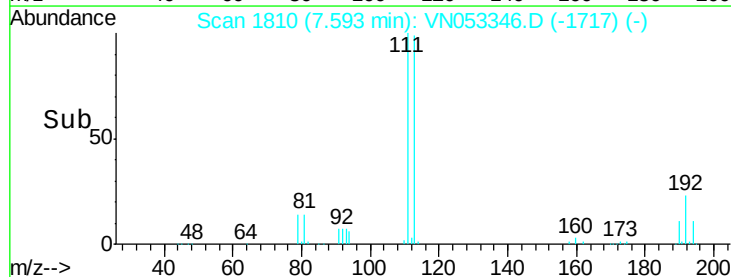
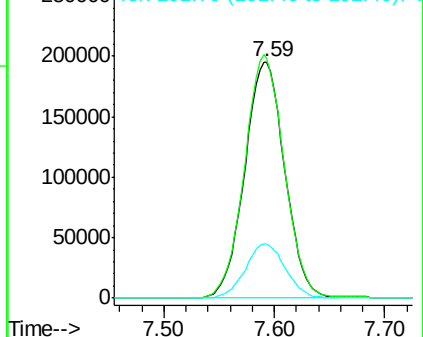


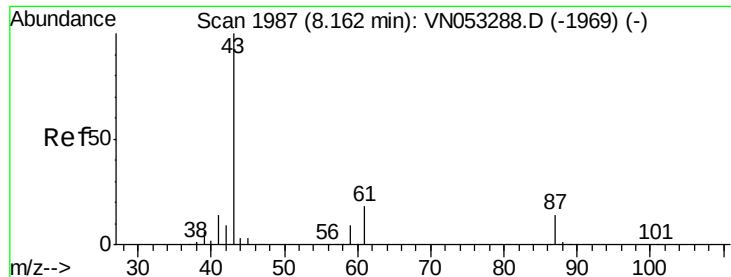
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053346.D
 Acq: 10 Jan 2019 17:15

Tgt Ion:113 Resp: 490665
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.4 122.2
 192 23.0 17.9 26.9



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: 2.447 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053346.D

Acq: 10 Jan 2019 17:15

Instrument :

MSVOA_N

ClientSampleId :

HR-06-010918-A

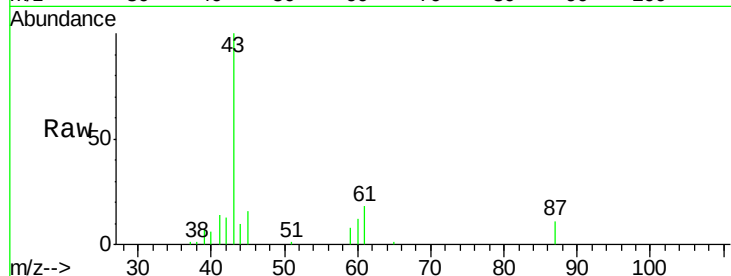
Tot Ion: 43 Resp: 49712

Ion Ratio Lower Upper

43 100

61 17.0 23.3 34.9#

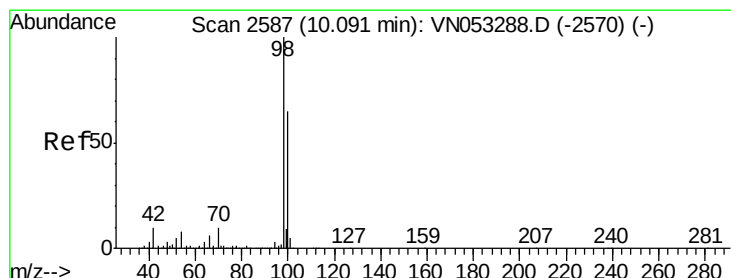
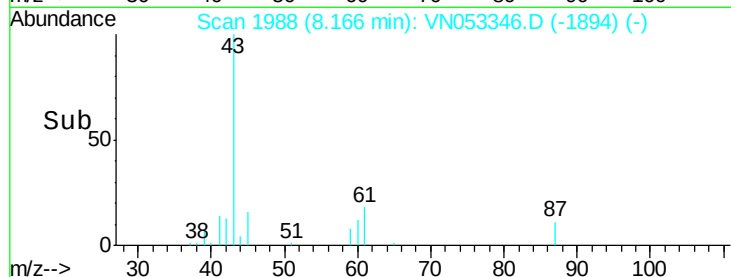
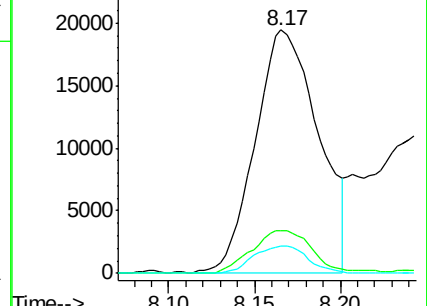
87 9.7 10.8 16.2#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053346.D

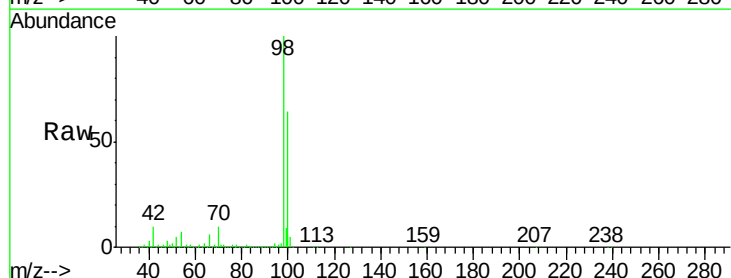
Acq: 10 Jan 2019 17:15

Tgt Ion: 98 Resp: 2099152

Ion Ratio Lower Upper

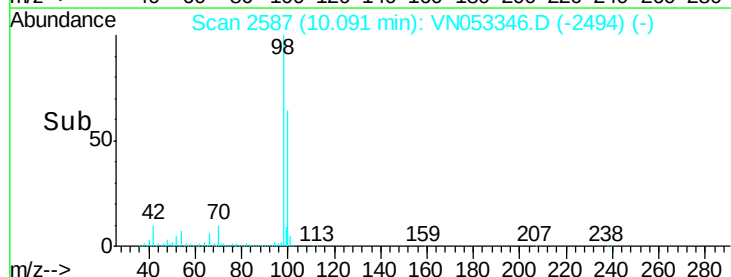
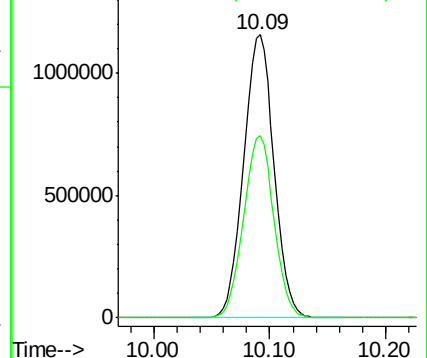
98 100

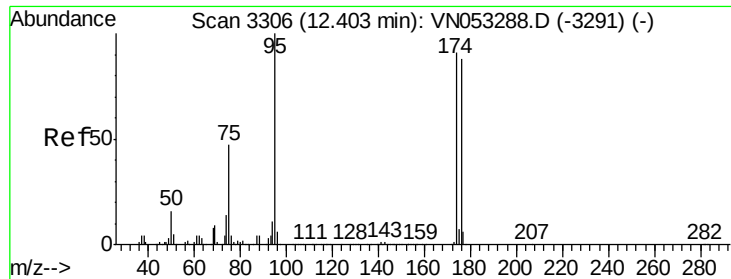
100 64.4 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053346.D

Acq: 10 Jan 2019 17:15

Instrument :

MSVOA_N

ClientSampleId :

HR-06-010918-A

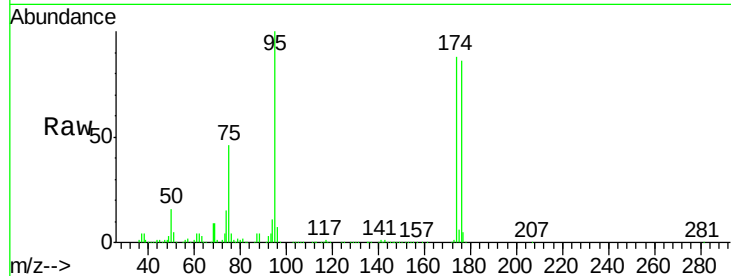
Tot Ion: 95 Resp: 729038

Ion Ratio Lower Upper

95 100

174 89.7 0.0 180.4

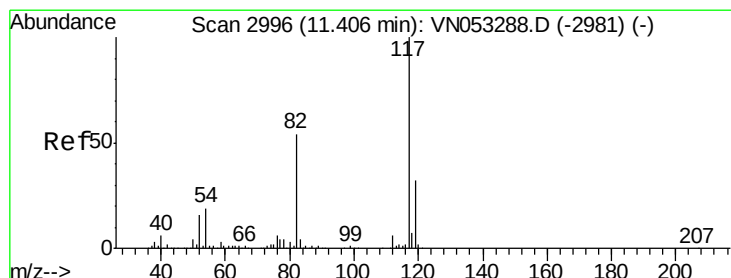
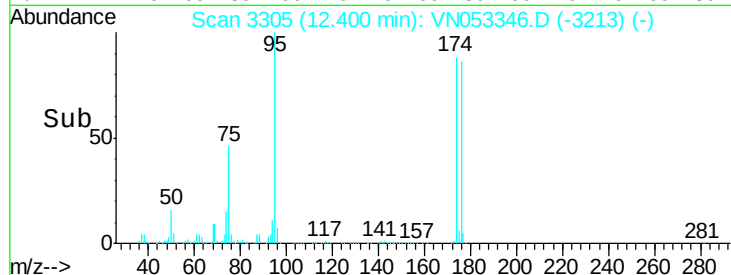
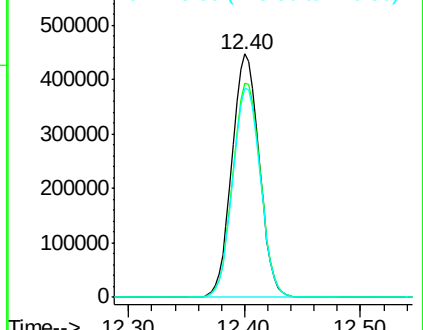
176 87.1 0.0 175.6



Abundance Ion 94.90 (94.60 to 95.60): VN053288.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053288.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053288.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053346.D

Acq: 10 Jan 2019 17:15

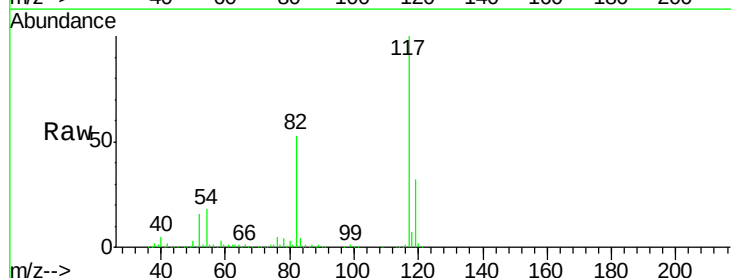
Tgt Ion: 117 Resp: 1593514

Ion Ratio Lower Upper

117 100

82 52.8 42.9 64.3

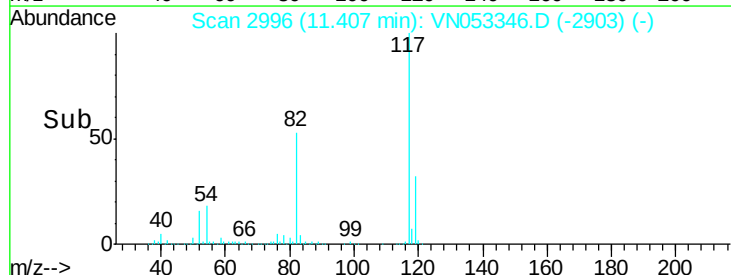
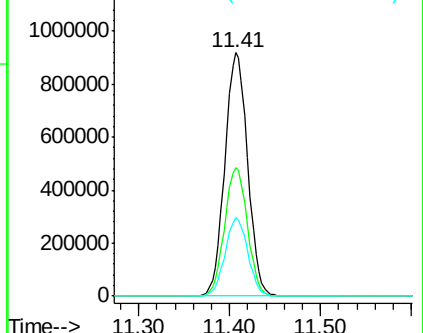
119 32.0 25.6 38.4

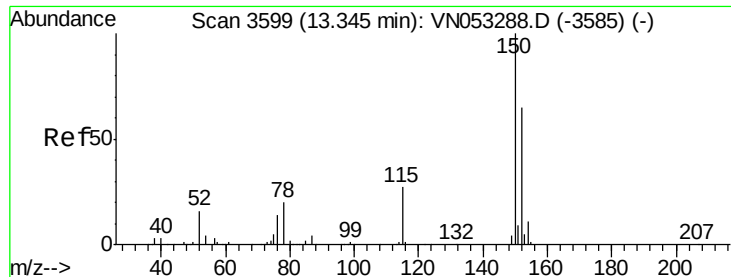


Abundance Ion 116.90 (116.60 to 117.60): VN053288.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN053288.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN053288.D (-2981) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053346.D

Acq: 10 Jan 2019 17:15

Instrument :

MSVOA_N

ClientSampleId :

HR-06-010918-A

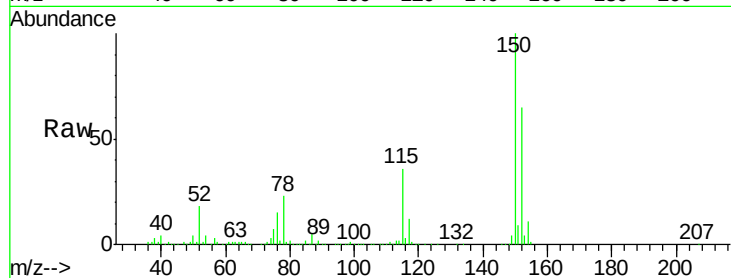
Tot Ion:152 Resp: 666517

Ion Ratio Lower Upper

152 100

115 55.9 28.0 84.0

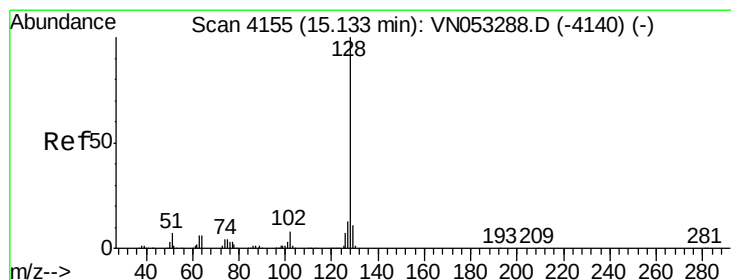
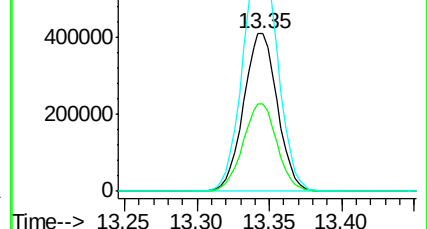
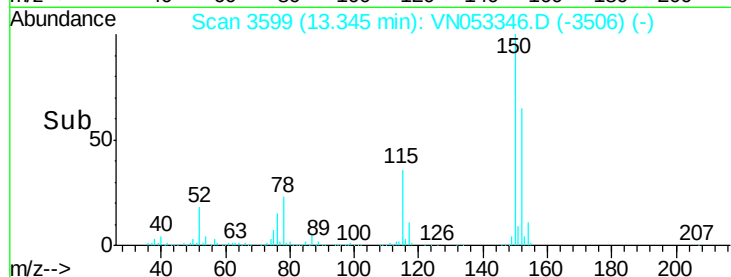
150 155.8 0.0 346.6



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: 2.169 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053346.D

Acq: 10 Jan 2019 17:15

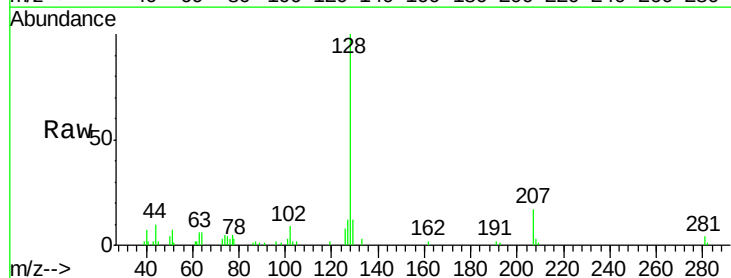
Tgt Ion:128 Resp: 25423

Ion Ratio Lower Upper

128 100

127 12.3 10.4 15.6

129 13.5 8.7 13.1#



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

