

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110118\
 Data File : VN052111.D
 Acq On : 1 Nov 2018 18:56
 Operator : MD\SY
 Sample : J5741-18
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

Quant Time: Nov 02 07:35:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N103018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 02:45:22 2018
 Response via : Initial Calibration

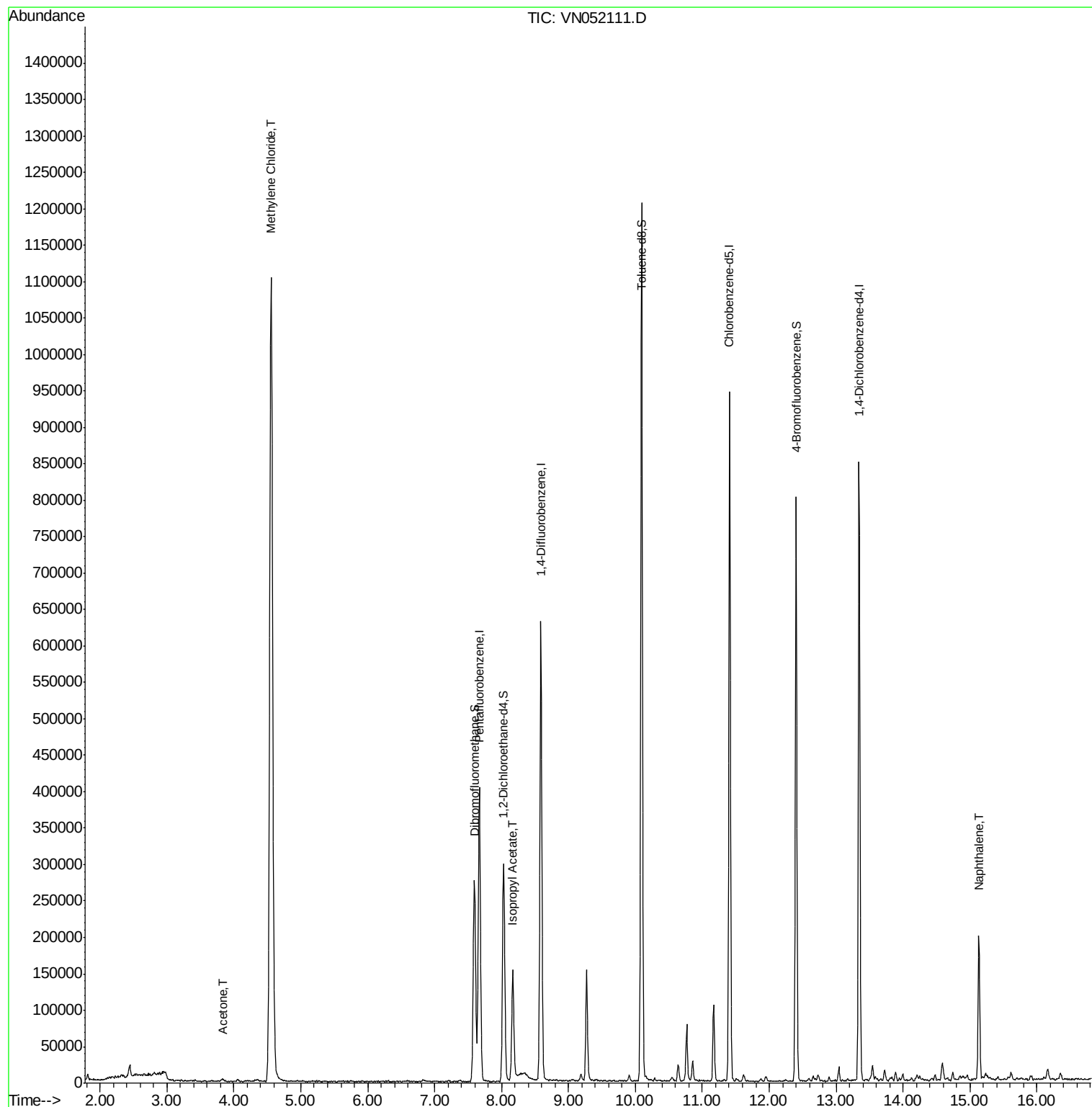
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	298280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	548620	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	516290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	207540	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	252912	52.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.68%	
35) Dibromofluoromethane	7.60	113	208509	60.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.50%	
50) Toluene-d8	10.09	98	822107	59.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.86%	
62) 4-Bromofluorobenzene	12.40	95	275118	54.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.26%	
Target Compounds						
16) Acetone	3.82	43	5170	5.060	ug/l	92
20) Methylene Chloride	4.55	84	818914	210.351	ug/l	95
43) Isopropyl Acetate	8.17	43	186258	28.047	ug/l	98
95) Naphthalene	15.13	128	160952	27.066	ug/l	99

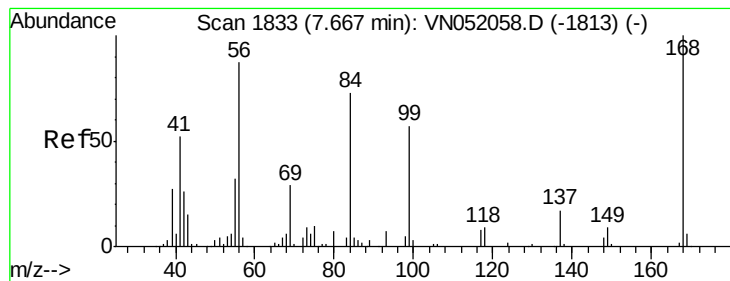
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN052111.D

Acq: 1 Nov 2018 18:56

Instrument :

MSVOA_N

ClientSampled :

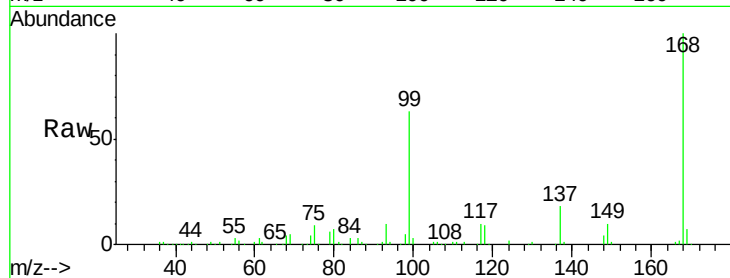
TP-4

Tgt Ion:168 Resp: 298280

Ion Ratio Lower Upper

168 100

99 62.7 56.6 85.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

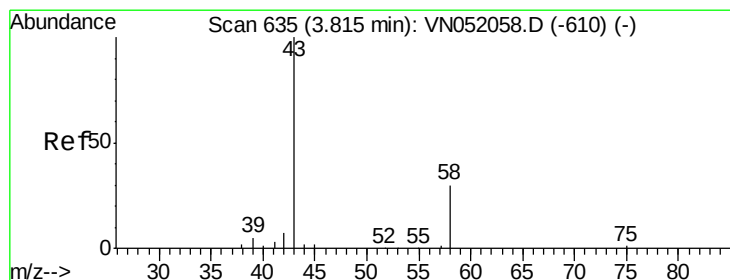
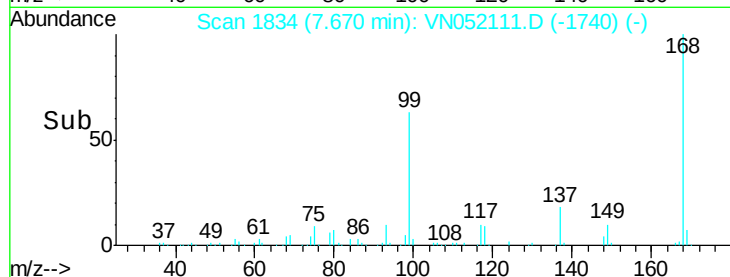
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 5.060 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN052111.D

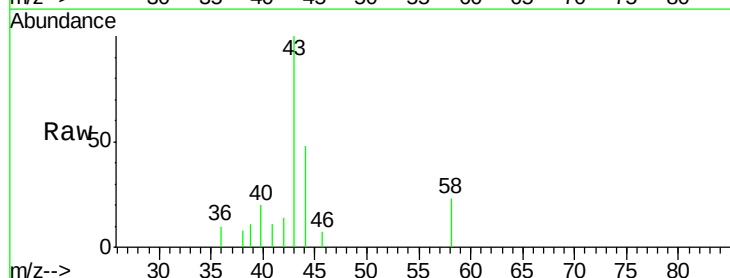
Acq: 1 Nov 2018 18:56

Tgt Ion: 43 Resp: 5170

Ion Ratio Lower Upper

43 100

58 25.6 24.2 36.2



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

2500

2000

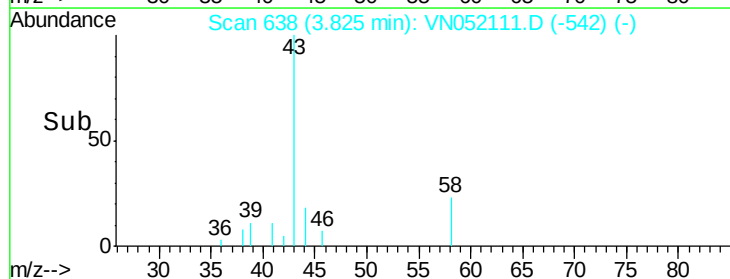
1500

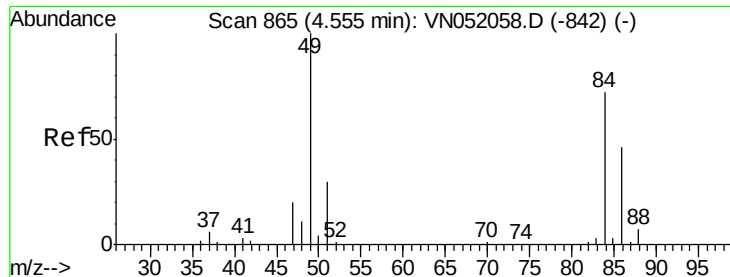
1000

500

0

Time-->

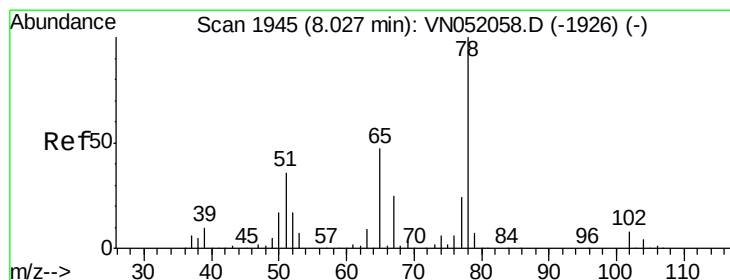
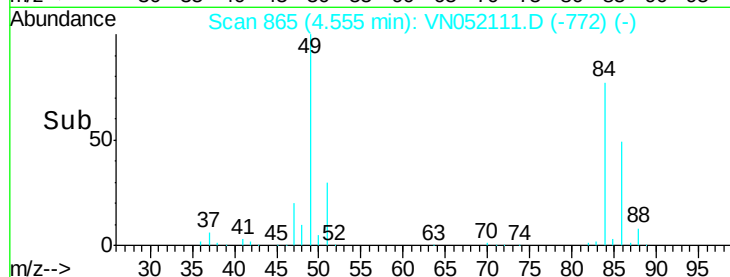
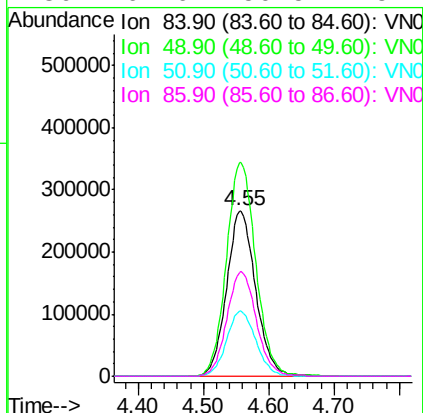
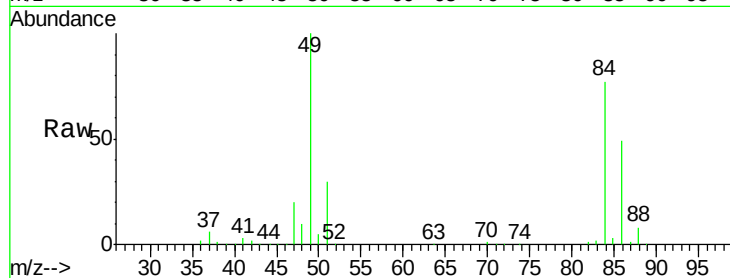




#20
Methylene Chloride
Concen: 210.351 ug/l
RT: 4.55 min Scan# 865
Delta R.T. -0.00 min
Lab File: VN052111.D
Acq: 1 Nov 2018 18:56

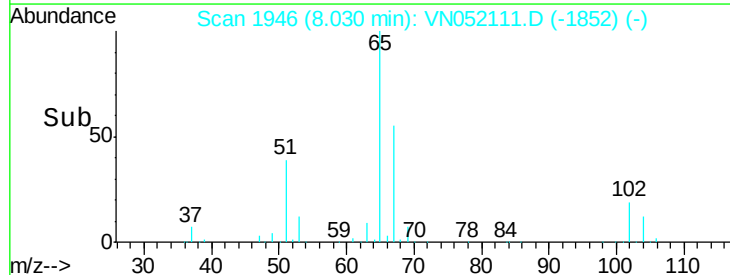
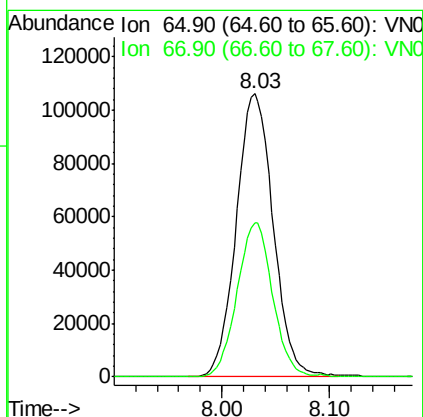
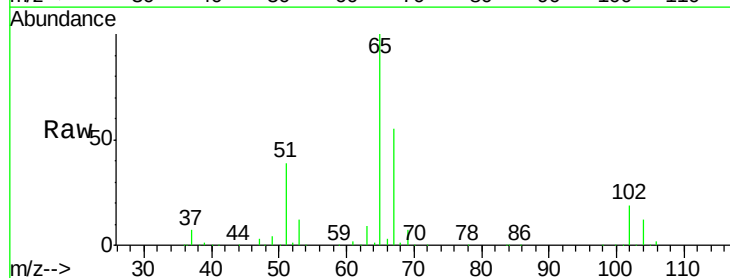
Instrument :
MSVOA_N
ClientSampled :
TP-4

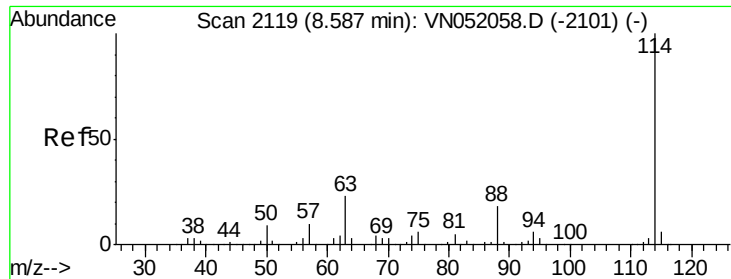
Tgt Ion: 84 Resp: 818914
Ion Ratio Lower Upper
84 100
49 129.0 110.6 165.8
51 39.3 33.7 50.5
86 62.6 50.5 75.7



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN052111.D
Acq: 1 Nov 2018 18:56

Tgt Ion: 65 Resp: 252912
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.2

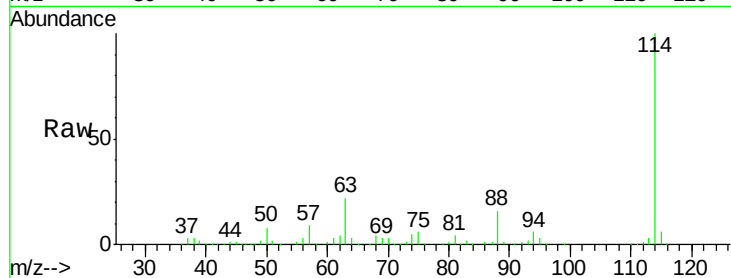




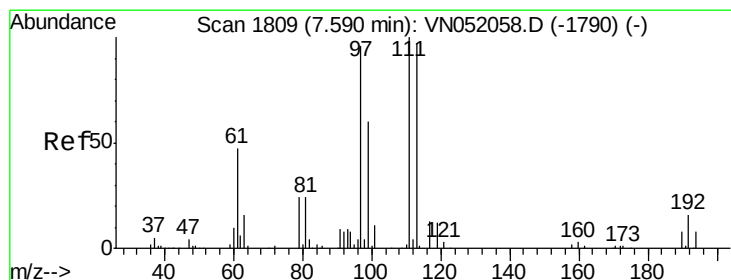
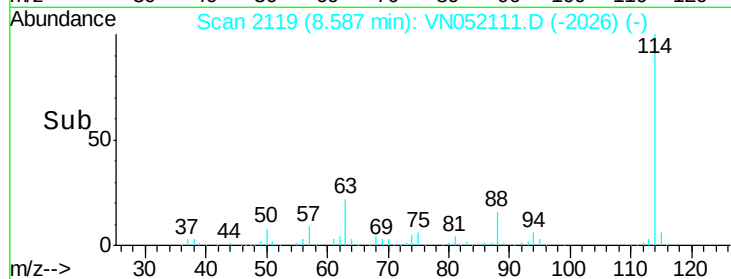
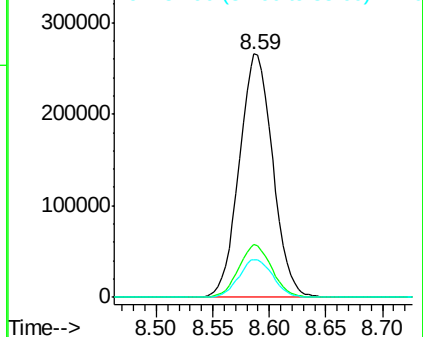
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052111.D
 Acq: 1 Nov 2018 18:56

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-4

Tgt Ion:114 Resp: 548620
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 46.0
 88 15.6 0.0 35.4

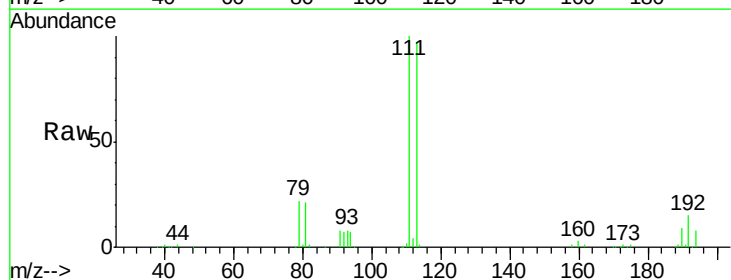


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

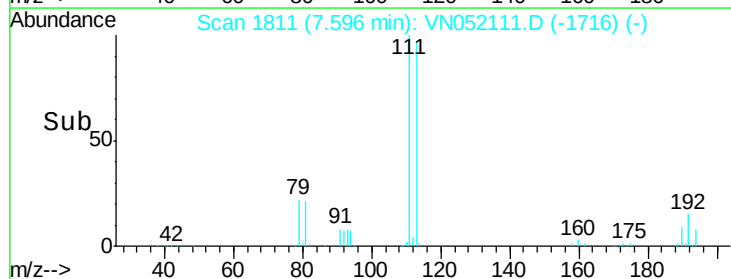
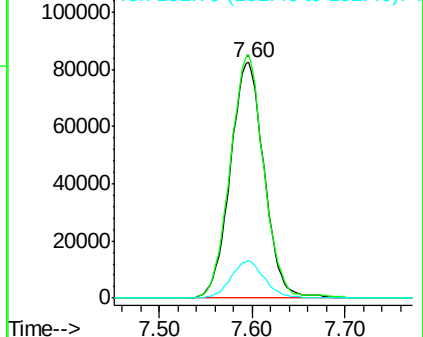


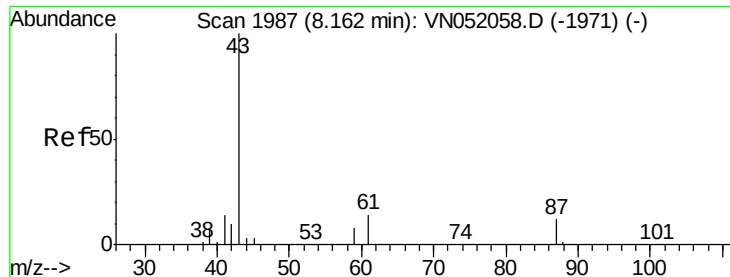
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.60 min Scan# 1811
 Delta R.T. 0.01 min
 Lab File: VN052111.D
 Acq: 1 Nov 2018 18:56

Tgt Ion:113 Resp: 208509
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.1 124.7
 192 15.8 12.7 19.1



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: 28.047 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052111.D

Acq: 1 Nov 2018 18:56

Instrument :

MSVOA_N

ClientSampled :

TP-4

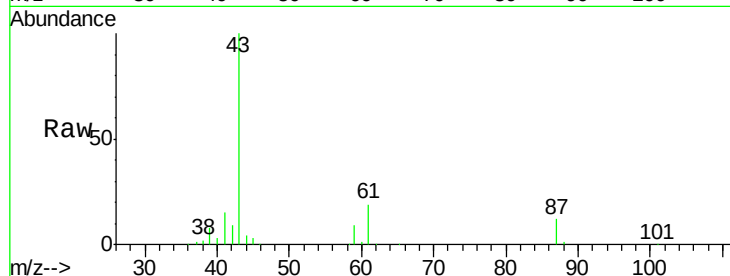
Tgt Ion: 43 Resp: 186258

Ion Ratio Lower Upper

43 100

61 18.2 15.4 23.0

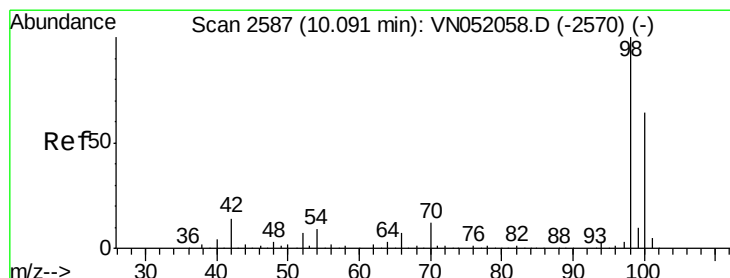
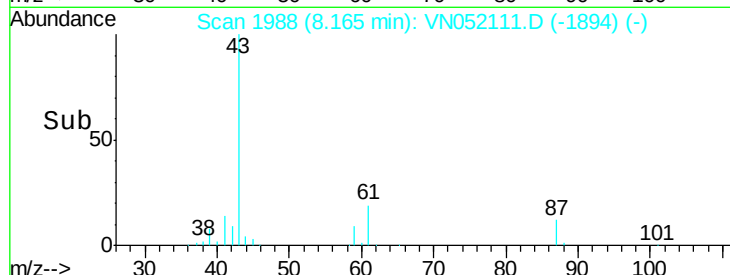
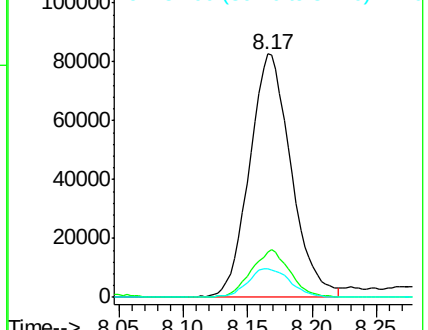
87 11.9 9.8 14.8



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: VN052111.D

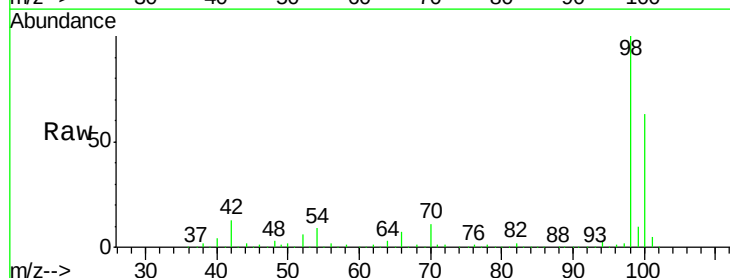
Acq: 1 Nov 2018 18:56

Tgt Ion: 98 Resp: 822107

Ion Ratio Lower Upper

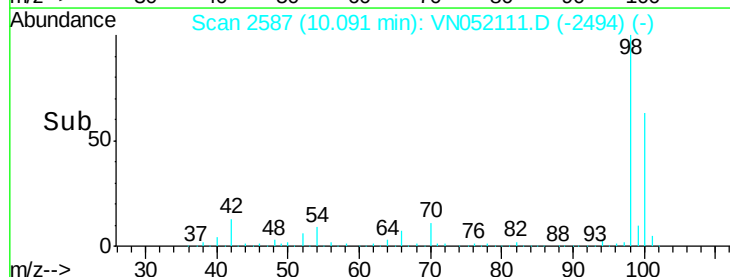
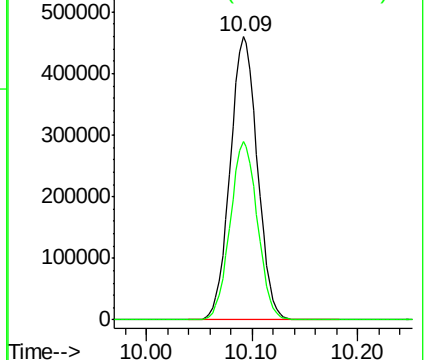
98 100

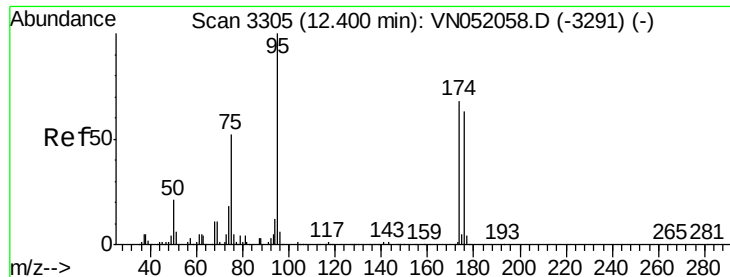
100 62.9 51.4 77.2



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# 3306

Delta R.T. 0.00 min

Lab File: VN052111.D

Acq: 1 Nov 2018 18:56

Instrument :

MSVOA_N

ClientSampled :

TP-4

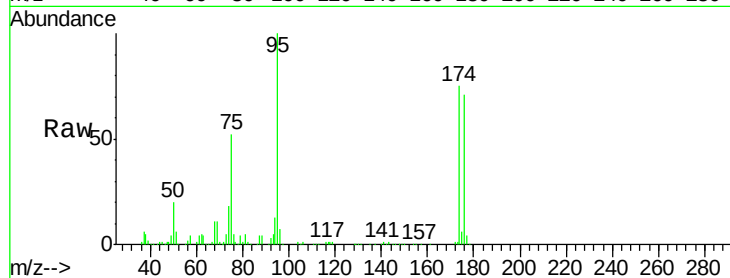
Tgt Ion: 95 Resp: 275118

Ion Ratio Lower Upper

95 100

174 72.8 0.0 131.8

176 69.3 0.0 126.0



Abundance Ion 94.90 (94.60 to 95.60): VN052058.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN052058.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN052058.D (-3291) (-)

12.40

150000

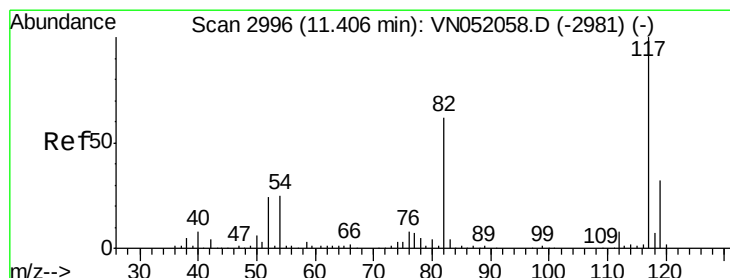
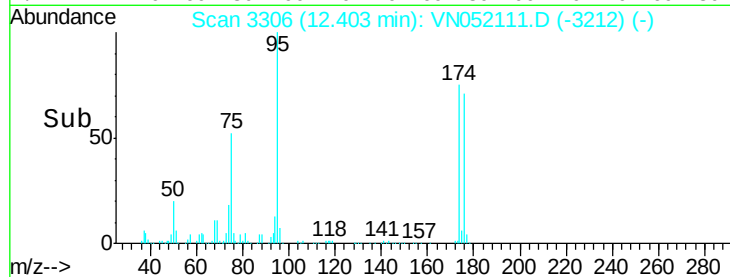
100000

50000

0

12.35 12.40 12.45

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN052111.D

Acq: 1 Nov 2018 18:56

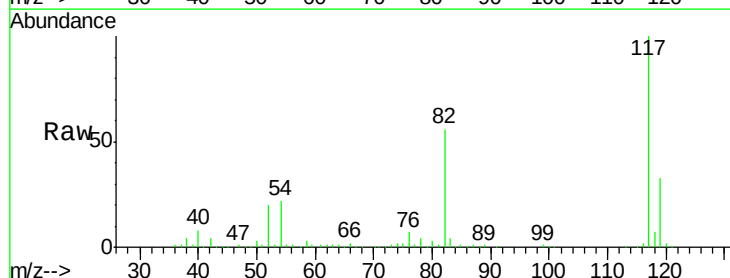
Tgt Ion: 117 Resp: 516290

Ion Ratio Lower Upper

117 100

82 55.7 49.9 74.9

119 32.6 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): VN052058.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN052058.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN052058.D (-2981) (-)

11.41

400000

300000

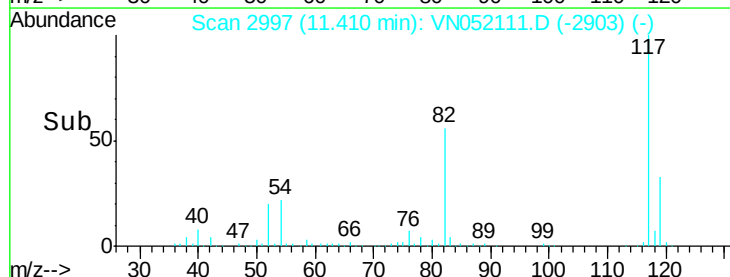
200000

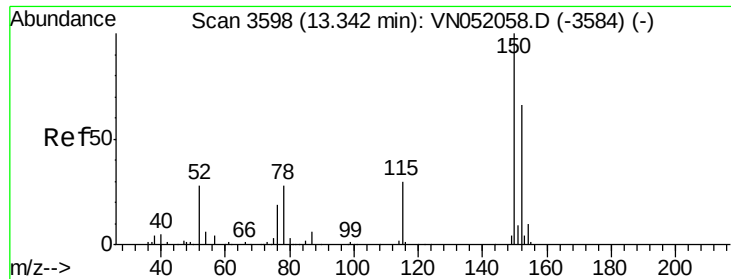
100000

0

11.35 11.40 11.45

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN052111.D

Acq: 1 Nov 2018 18:56

Instrument :

MSVOA_N

ClientSampled :

TP-4

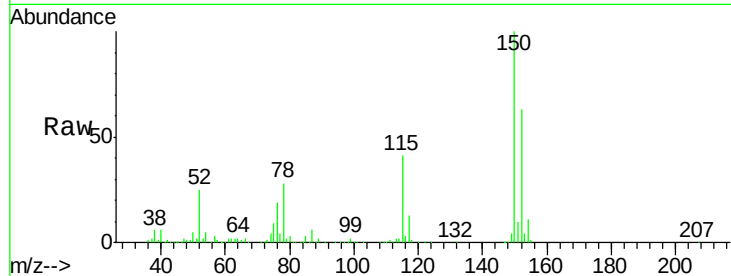
Tgt Ion:152 Resp: 207540

Ion Ratio Lower Upper

152 100

115 62.8 31.6 95.0

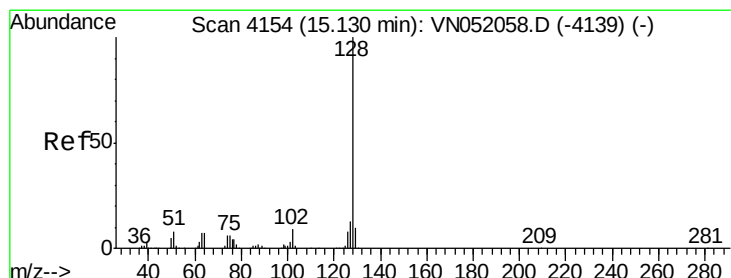
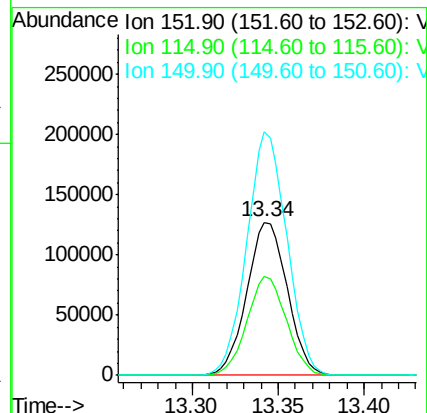
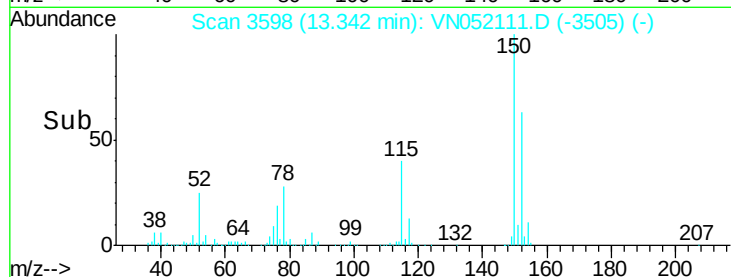
150 157.4 0.0 345.0



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: 27.066 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN052111.D

Acq: 1 Nov 2018 18:56

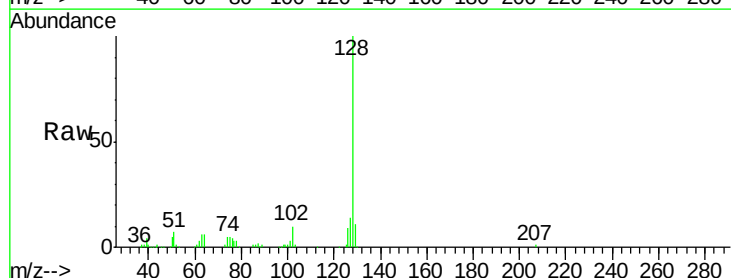
Tgt Ion:128 Resp: 160952

Ion Ratio Lower Upper

128 100

127 13.6 10.5 15.7

129 10.9 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

