

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121018\
 Data File : VN052771.D
 Acq On : 11 Dec 2018 00:30
 Operator : MD\SY
 Sample : J6309-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 35 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-20181207-WATER

Quant Time: Dec 11 03:28:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 Response via : Initial Calibration

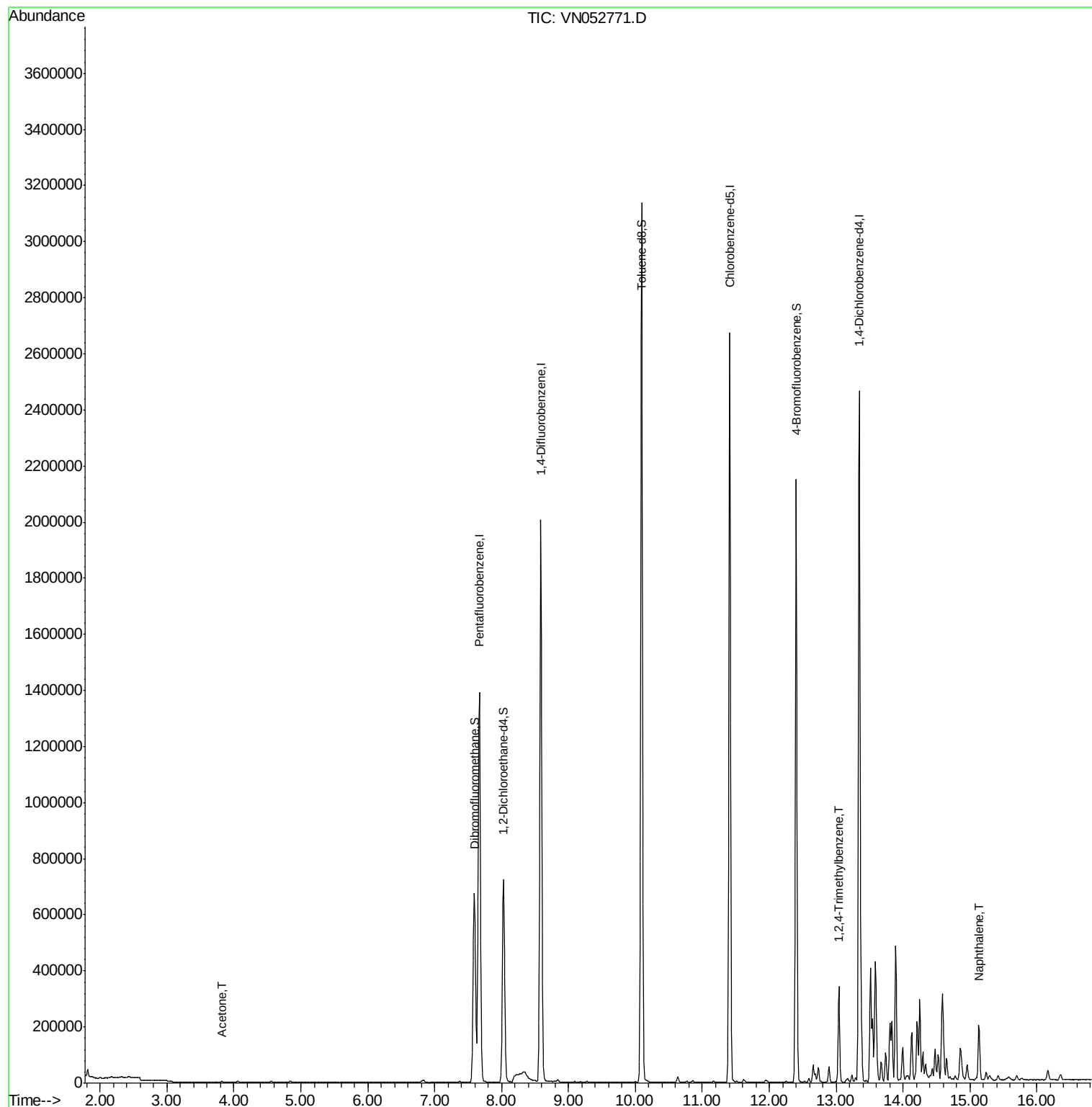
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1212517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1860175	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1632288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	698398	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	618436	46.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.68%	
35) Dibromofluoromethane	7.59	113	527851	46.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.06%	
50) Toluene-d8	10.09	98	2251622	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
62) 4-Bromofluorobenzene	12.40	95	734982	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
Target Compounds						
16) Acetone	3.82	43	6350	1.824	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	197814	4.517	ug/l	99
95) Naphthalene	15.13	128	172019	9.522	ug/l	100

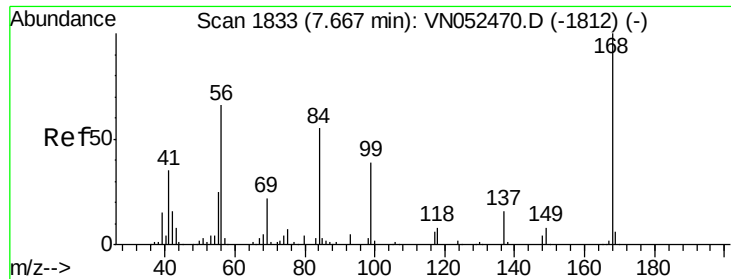
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN052771.D

Acq: 11 Dec 2018 00:30

Instrument :

MSVOA_N

ClientSampleId :

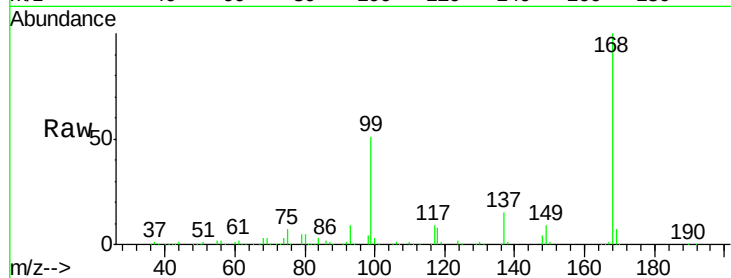
WC-20181207-WATER

Tot Ion:168 Resp: 1212517

Ion Ratio Lower Upper

168 100

99 50.8 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN052771.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052771.D (-1740) (-)

7.67

600000

500000

400000

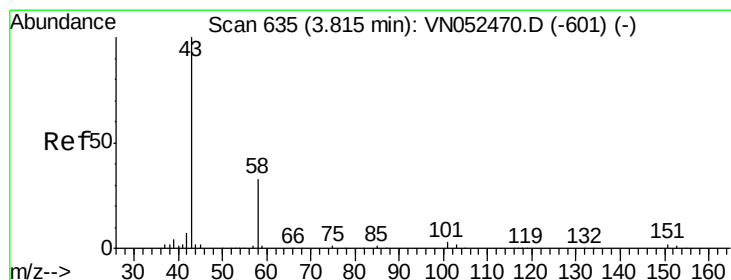
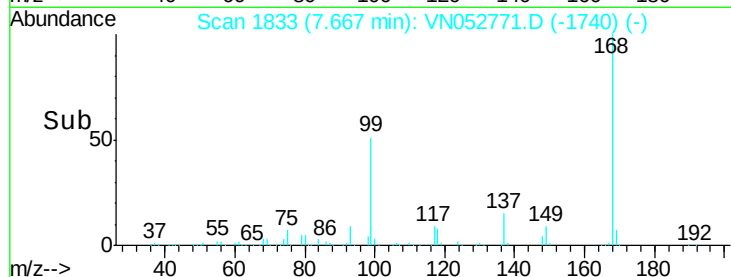
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 1.824 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052771.D

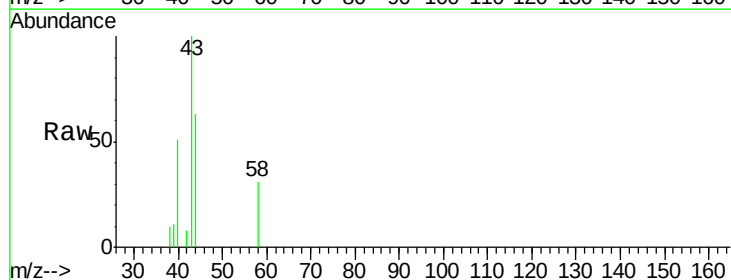
Acq: 11 Dec 2018 00:30

Tgt Ion: 43 Resp: 6350

Ion Ratio Lower Upper

43 100

58 31.3 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN052771.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN052771.D (-542) (-)

3.82

2500

2000

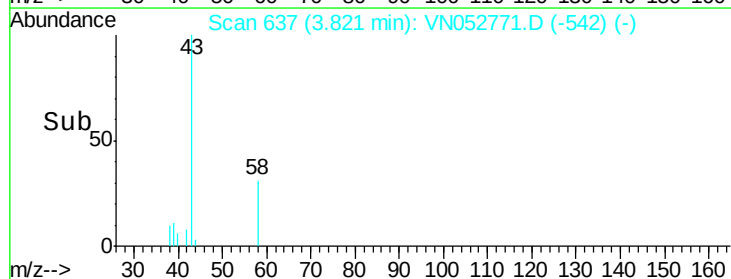
1500

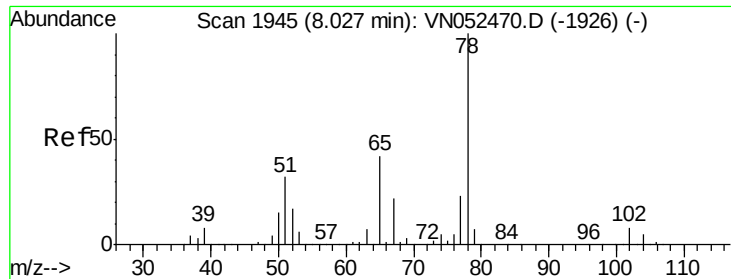
1000

500

0

Time-->

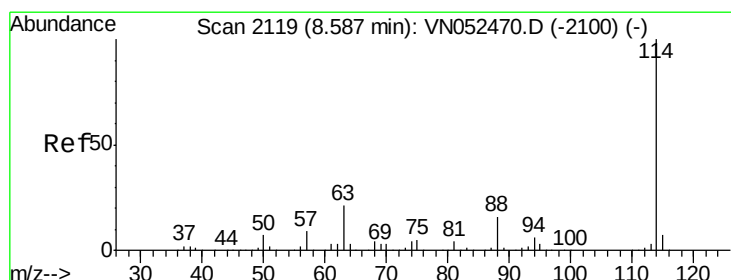
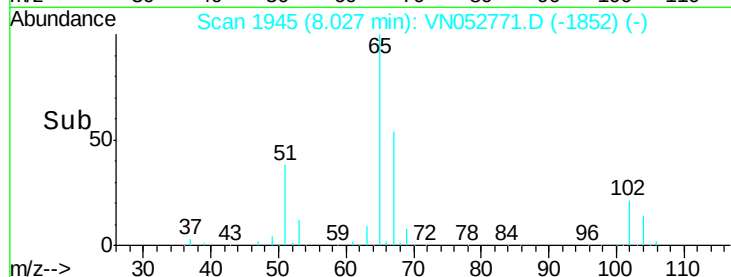
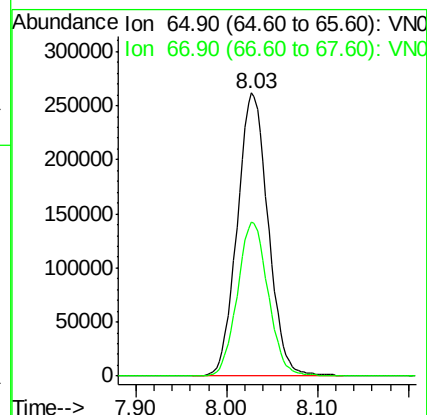
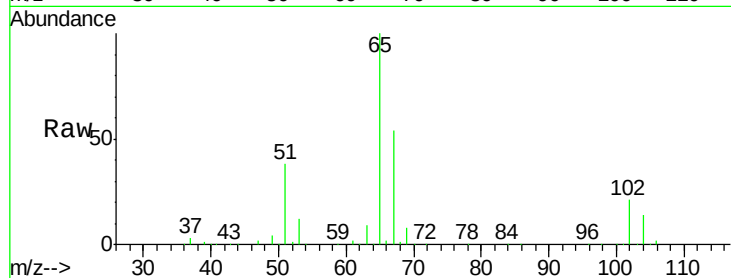




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN052771.D
 Acq: 11 Dec 2018 00:30

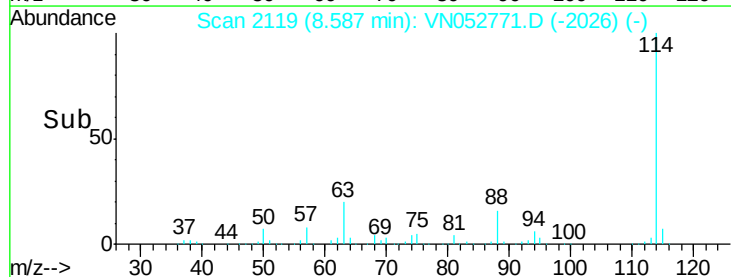
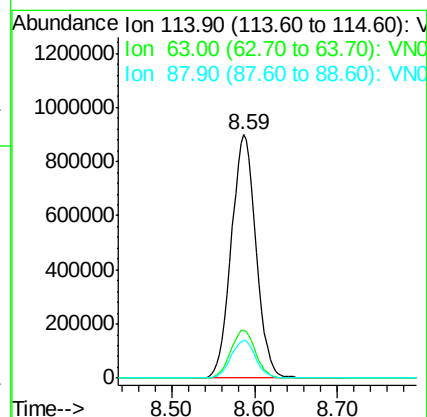
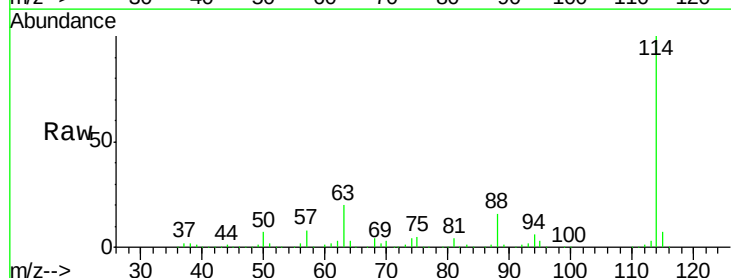
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-20181207-WATER

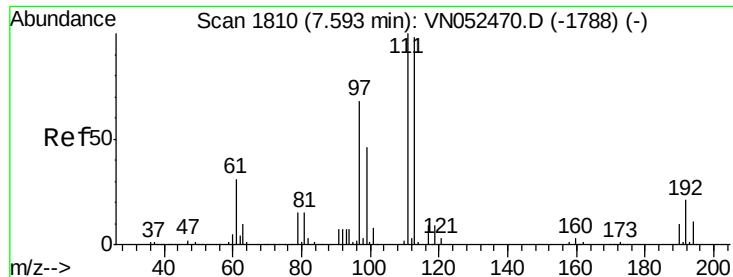
Tot Ion: 65 Resp: 618436
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 109.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052771.D
 Acq: 11 Dec 2018 00:30

Tgt Ion: 114 Resp: 1860175
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.8
 88 15.7 0.0 31.6

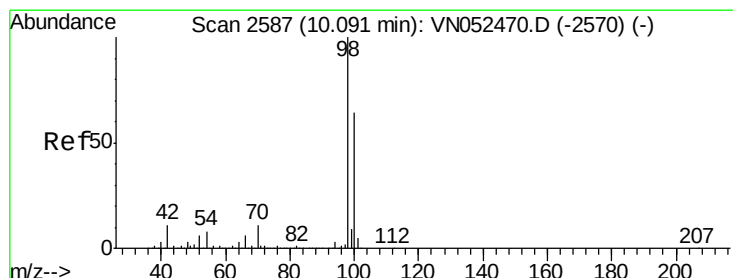
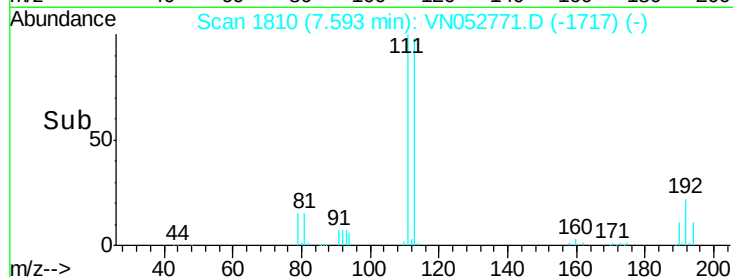
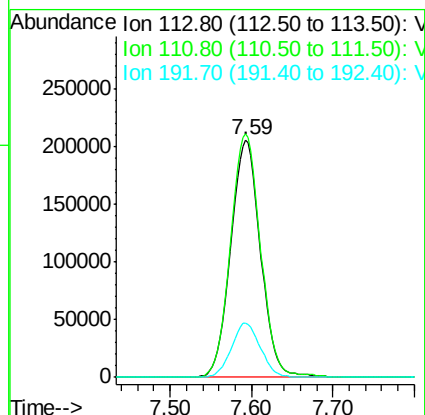
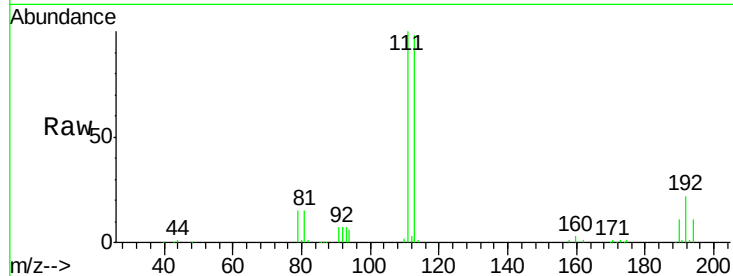




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052771.D
 Acq: 11 Dec 2018 00:30

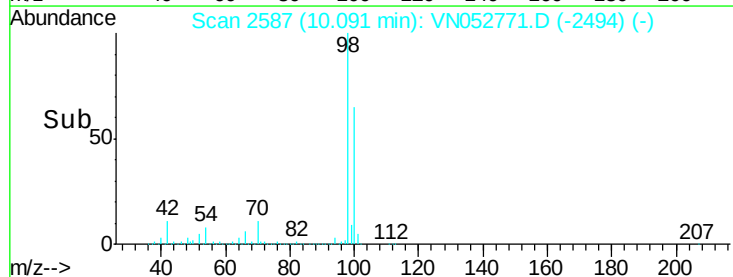
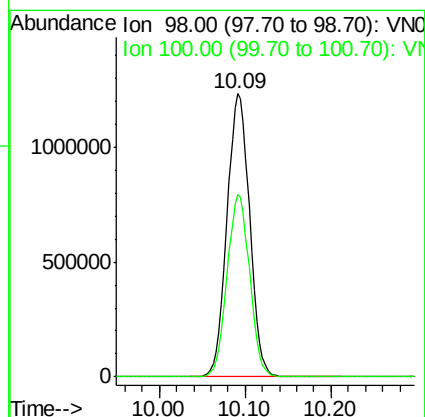
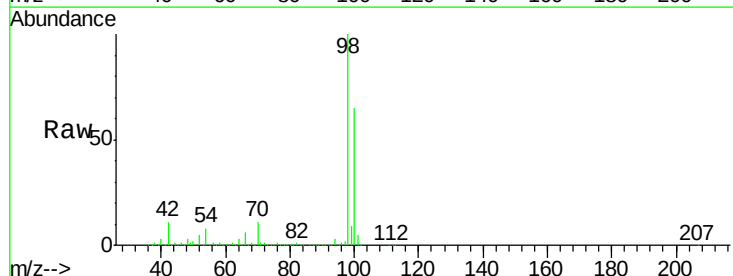
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-20181207-WATER

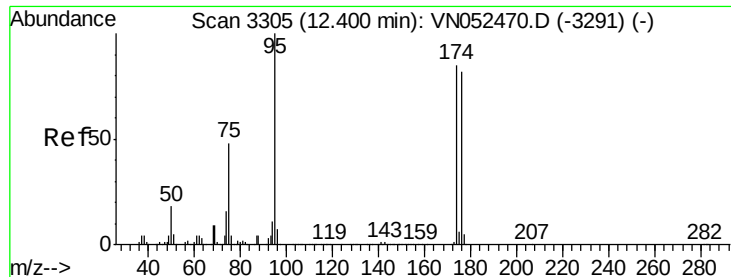
Tot Ion:113 Resp: 527851
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.0 123.0
 192 22.2 17.0 25.6



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN052771.D
 Acq: 11 Dec 2018 00:30

Tgt Ion: 98 Resp: 2251622
 Ion Ratio Lower Upper
 98 100
 100 64.2 51.3 76.9





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052771.D

Acq: 11 Dec 2018 00:30

Instrument :

MSVOA_N

ClientSampleId :

WC-20181207-WATER

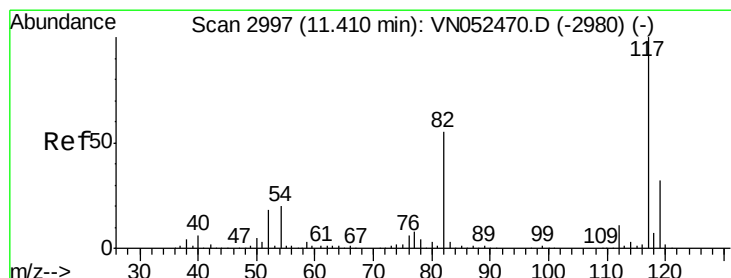
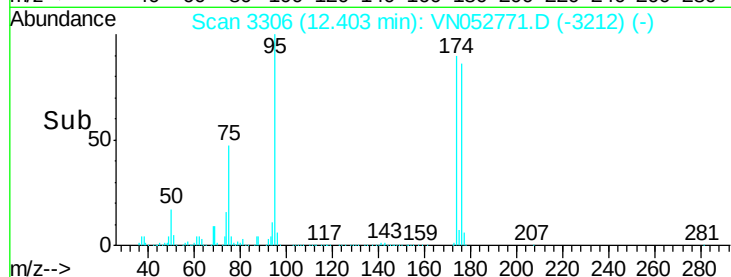
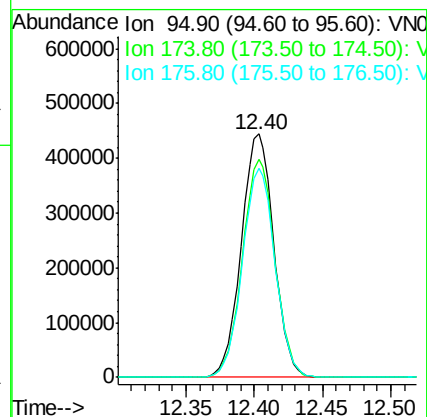
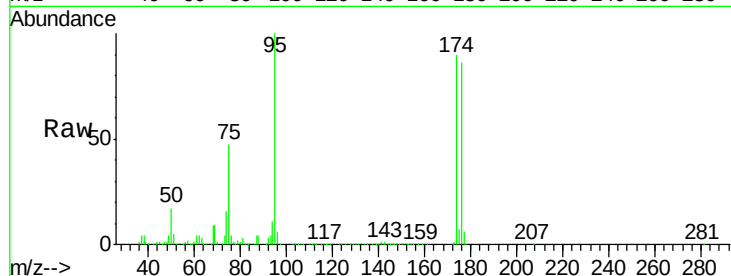
Tot Ion: 95 Resp: 734982

Ion Ratio Lower Upper

95 100

174 89.3 0.0 173.0

176 86.1 0.0 166.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. -0.00 min

Lab File: VN052771.D

Acq: 11 Dec 2018 00:30

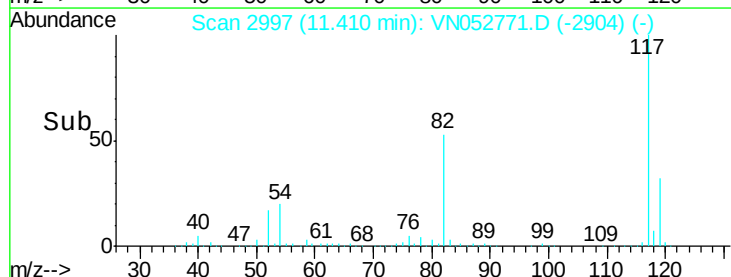
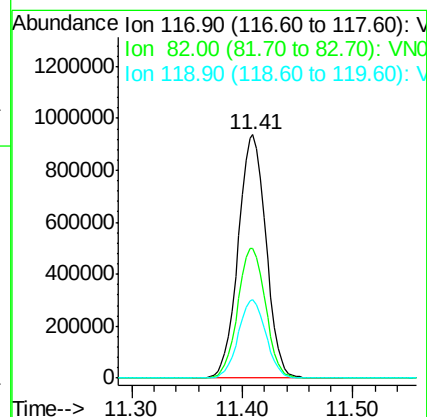
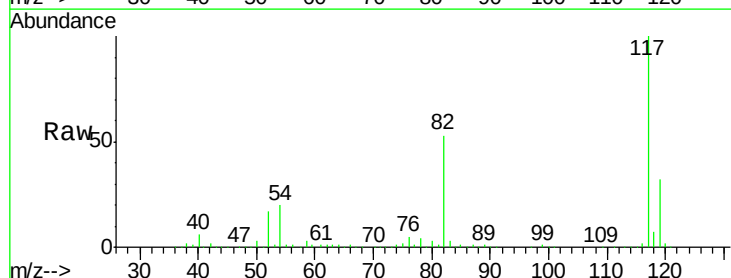
Tgt Ion: 117 Resp: 1632288

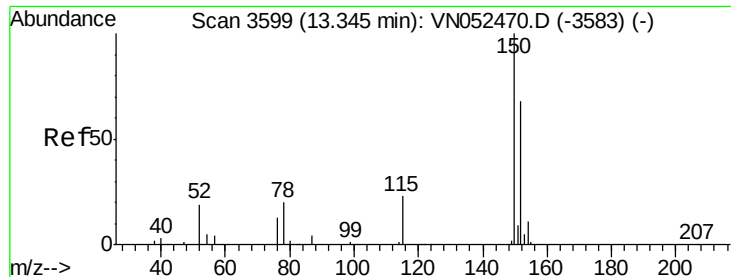
Ion Ratio Lower Upper

117 100

82 53.2 43.6 65.4

119 32.3 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN052771.D

Acq: 11 Dec 2018 00:30

Instrument :

MSVOA_N

ClientSampleId :

WC-20181207-WATER

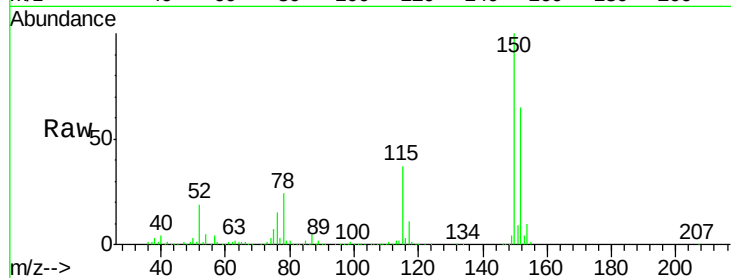
Tot Ion:152 Resp: 698398

Ion Ratio Lower Upper

152 100

115 57.0 28.4 85.2

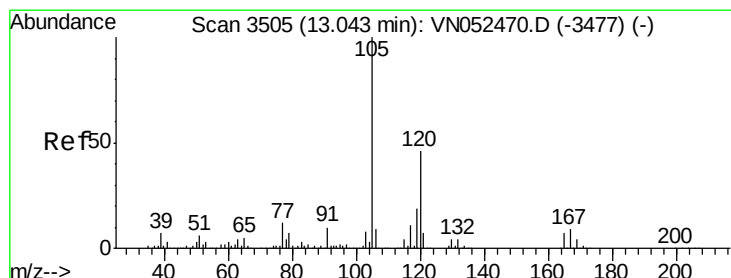
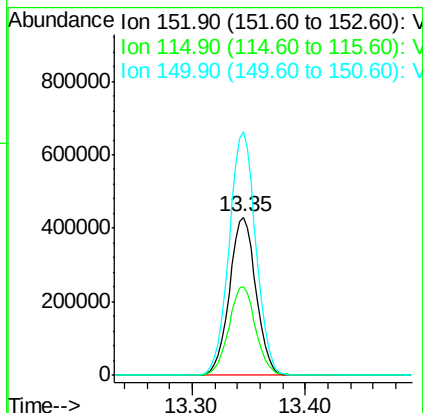
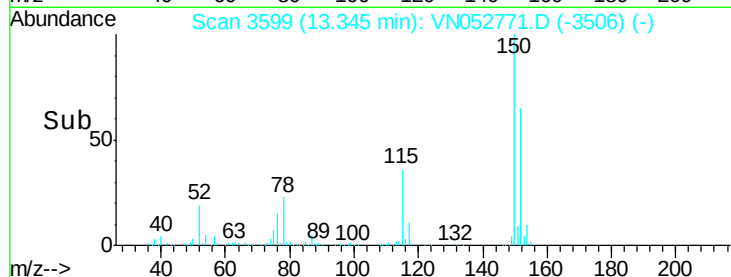
150 155.3 0.0 346.0



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



#84

1,2,4-Trimethylbenzene

Concen: 4.517 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN052771.D

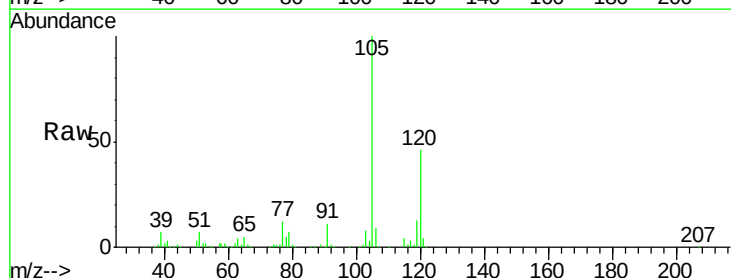
Acq: 11 Dec 2018 00:30

Tgt Ion:105 Resp: 197814

Ion Ratio Lower Upper

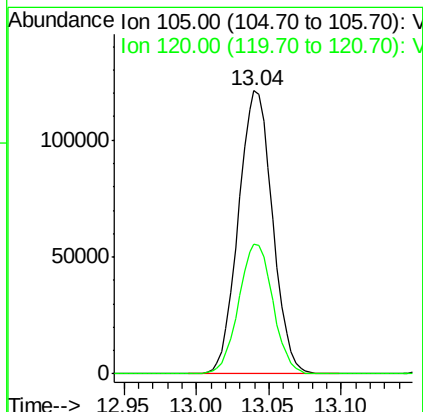
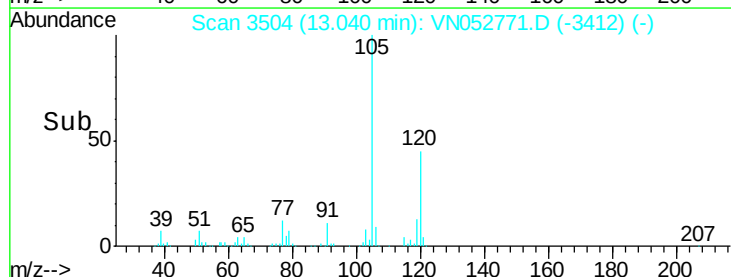
105 100

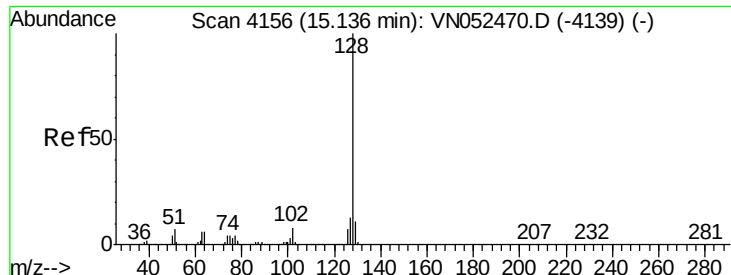
120 46.1 22.8 68.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 9.522 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052771.D

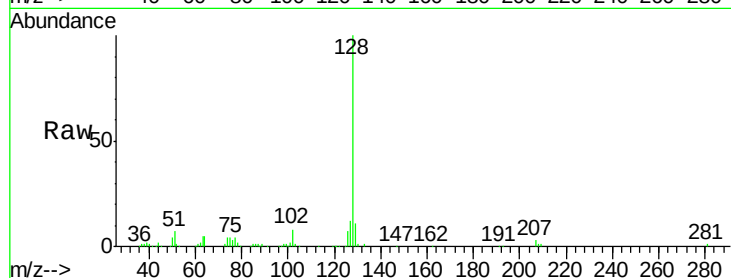
Acq: 11 Dec 2018 00:30

Instrument :

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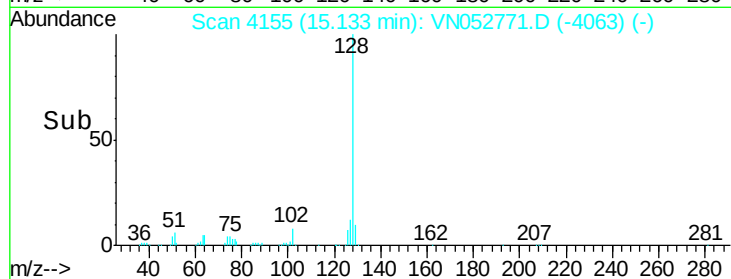
Tot Ion:128 Resp: 172019

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.2

129 10.9 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

