

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121018\
 Data File : VN052770.D
 Acq On : 11 Dec 2018 00:04
 Operator : MD\SY
 Sample : PB115472TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 34 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115472TB

Quant Time: Dec 11 03:26:41 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

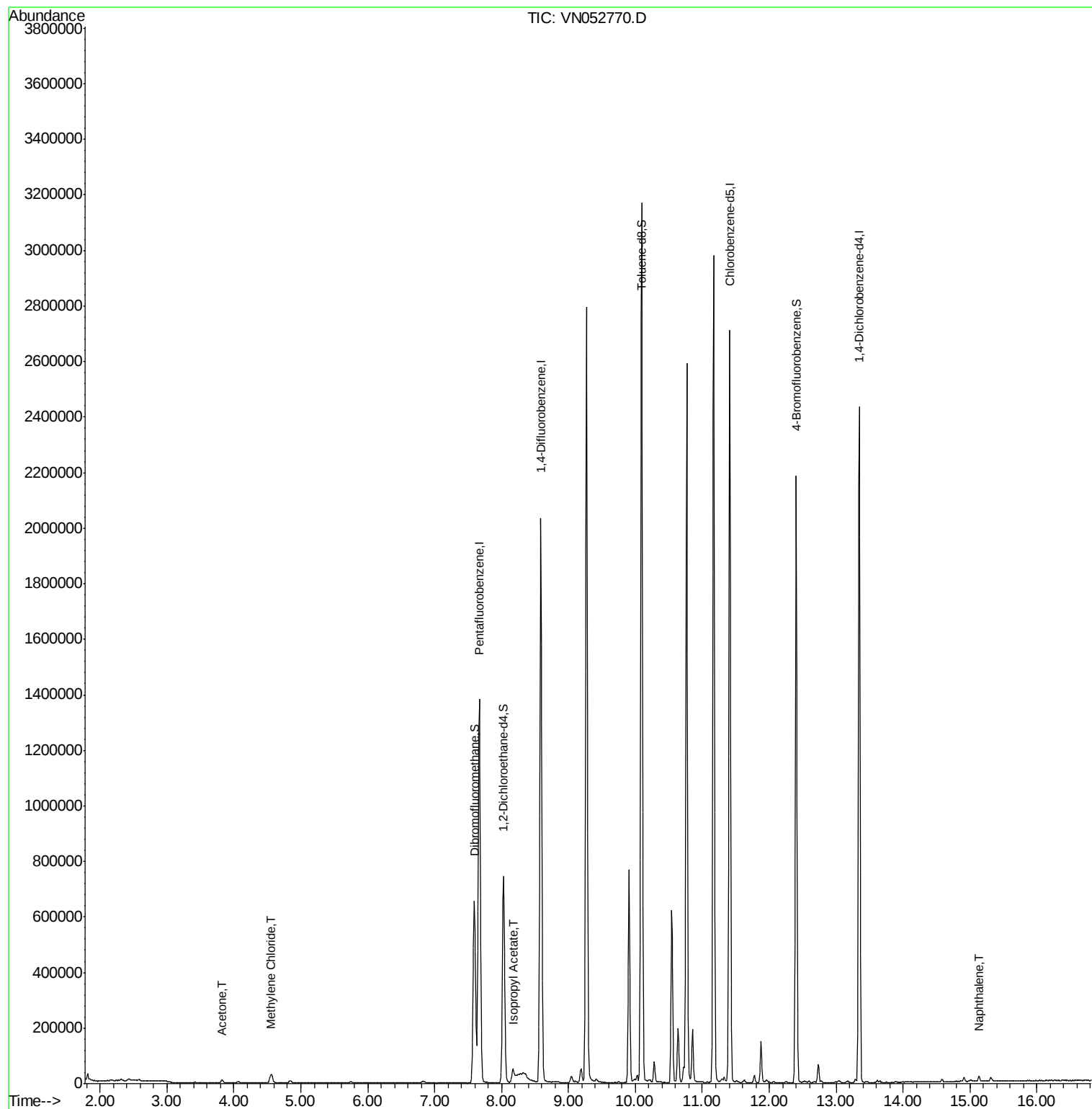
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1193993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1852136	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1654829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	692137	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	630261	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
35) Dibromofluoromethane	7.59	113	509185	44.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.18%	
50) Toluene-d8	10.09	98	2269275	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
62) 4-Bromofluorobenzene	12.40	95	743589	49.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.58%	
Target Compounds						
16) Acetone	3.82	43	18030	5.258	ug/l	95
20) Methylene Chloride	4.56	84	23987	1.788	ug/l	93
43) Isopropyl Acetate	8.17	43	70538	3.905	ug/l #	77
95) Naphthalene	15.13	128	15999	4.000	ug/l	98

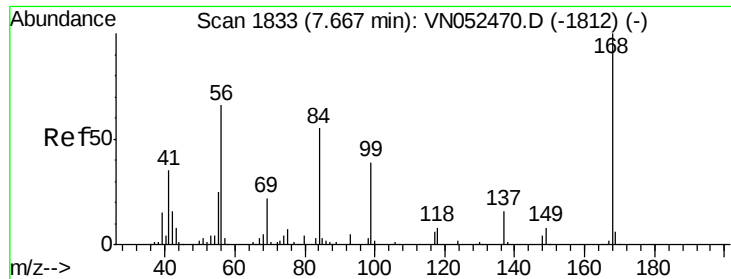
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN121018\
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Misc : 5.00mL/MSVOA N/WATER
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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: VN052770.D

Acq: 11 Dec 2018 00:04

Instrument :

MSVOA_N

ClientSampleId :

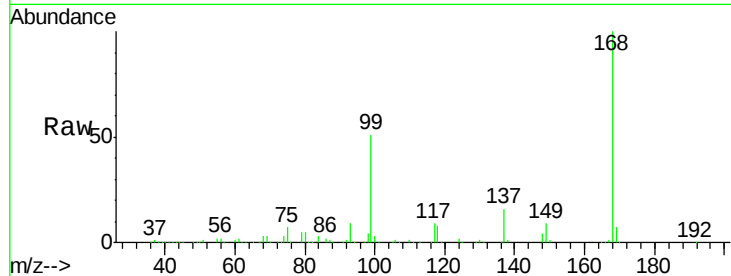
PB115472TB

Tot Ion:168 Resp: 1193993

Ion Ratio Lower Upper

168 100

99 51.2 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN052770.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052770.D (-1740) (-)

7.67

500000

400000

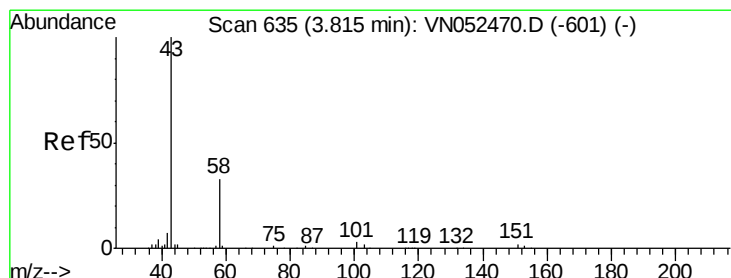
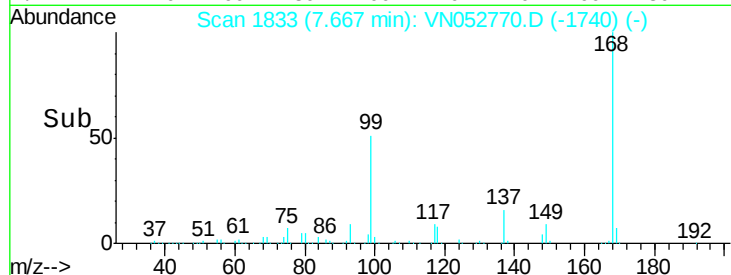
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 5.258 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN052770.D

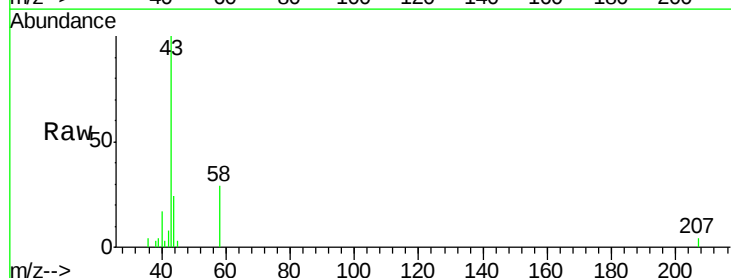
Acq: 11 Dec 2018 00:04

Tgt Ion: 43 Resp: 18030

Ion Ratio Lower Upper

43 100

58 29.9 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN052770.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN052770.D (-542) (-)

3.82

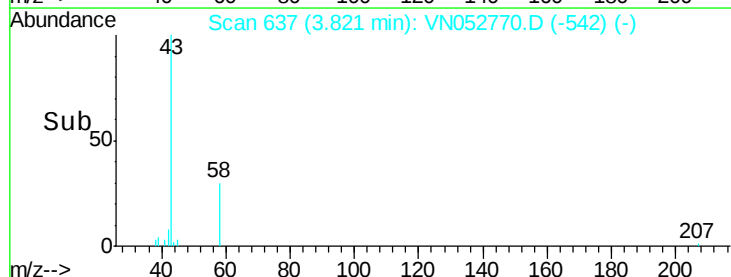
6000

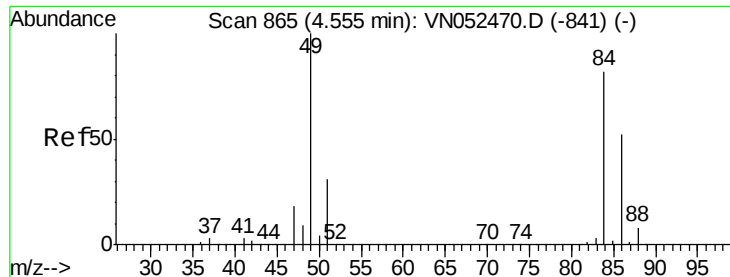
4000

2000

0

Time-->

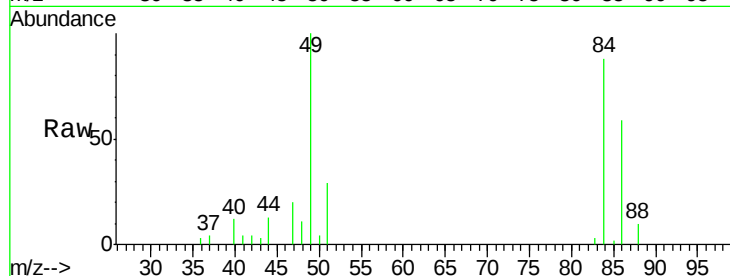




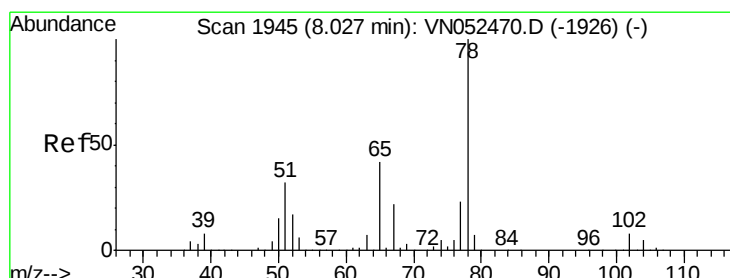
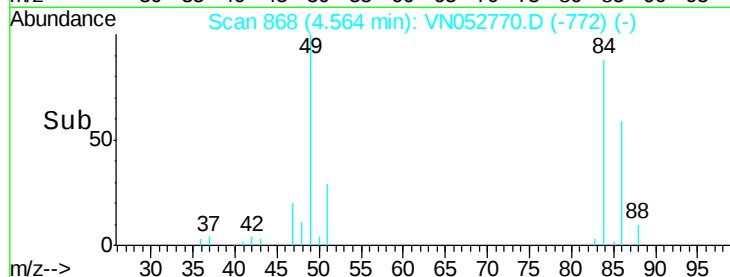
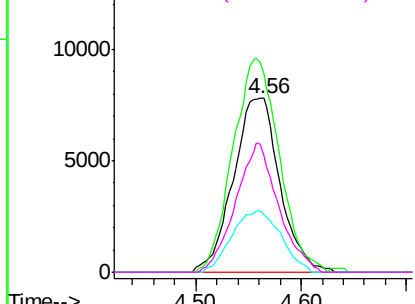
#20
Methvlene Chloride
Concen: 1.788 ug/l
RT: 4.56 min Scan# 868
Delta R.T. 0.01 min
Lab File: VN052770.D
Acq: 11 Dec 2018 00:04

Instrument :
MSVOA_N
ClientSampleId :
PB115472TB

Tot Ion: 84 Resp: 23987
Ion Ratio Lower Upper
84 100
49 113.9 98.0 147.0
51 33.4 30.1 45.1
86 67.2 50.7 76.1

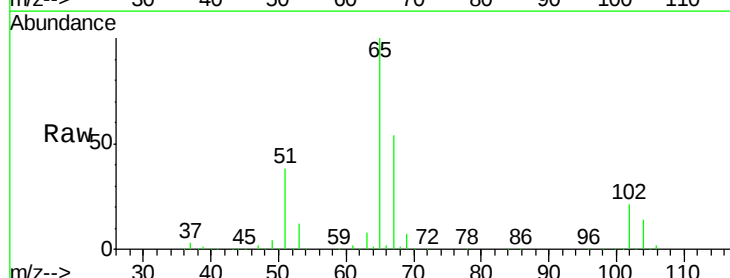


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

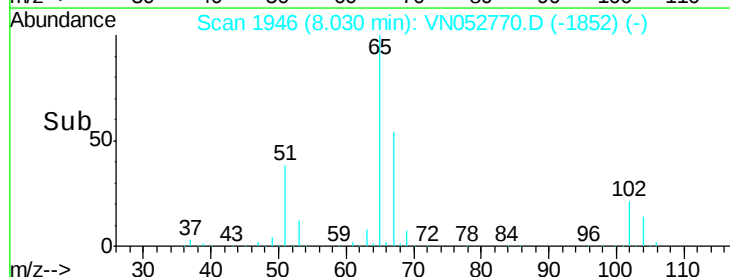
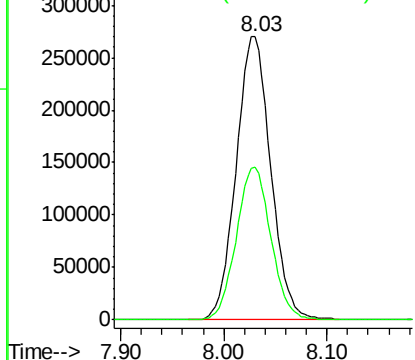


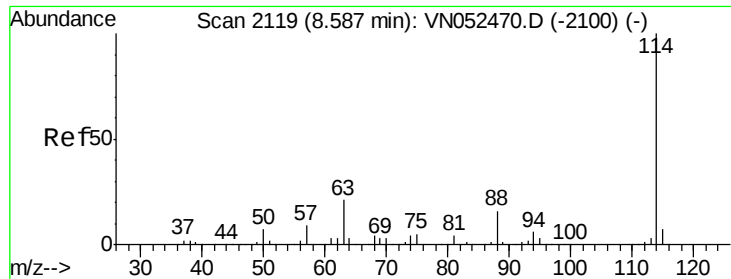
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN052770.D
Acq: 11 Dec 2018 00:04

Tgt Ion: 65 Resp: 630261
Ion Ratio Lower Upper
65 100
67 54.1 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC

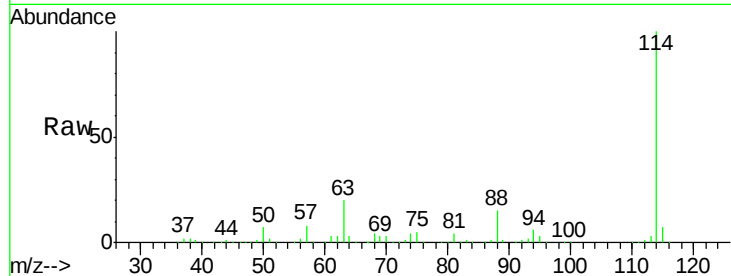




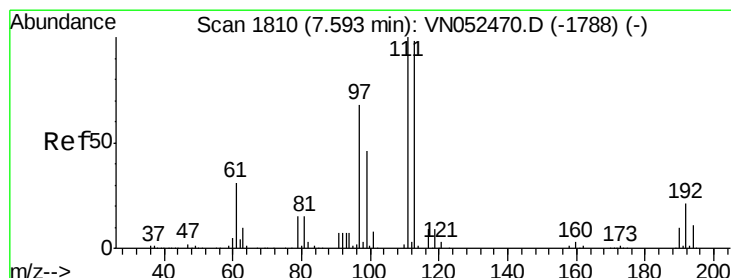
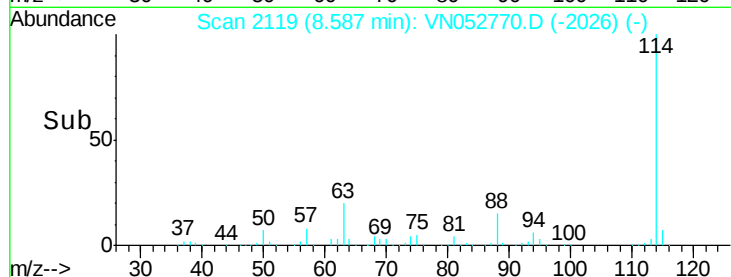
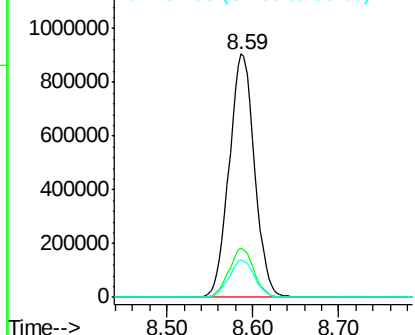
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN052770.D
 Acq: 11 Dec 2018 00:04

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115472TB

Tot Ion:114 Resp: 1852136
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.8
 88 15.4 0.0 31.6

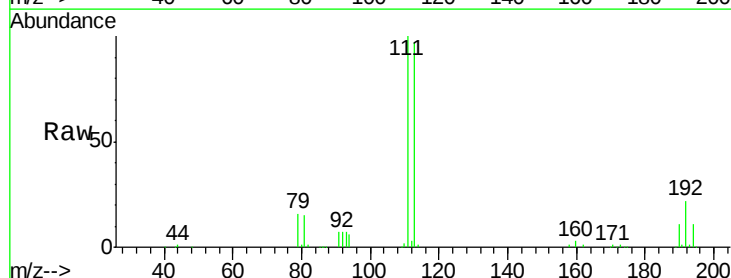


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

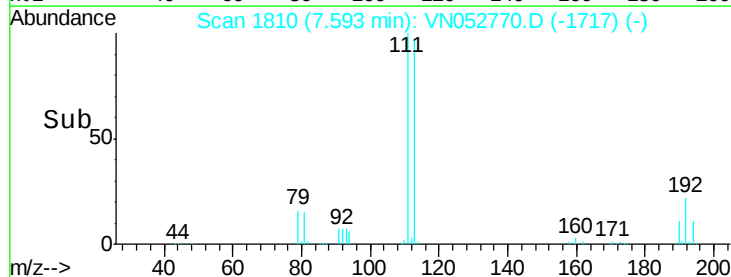
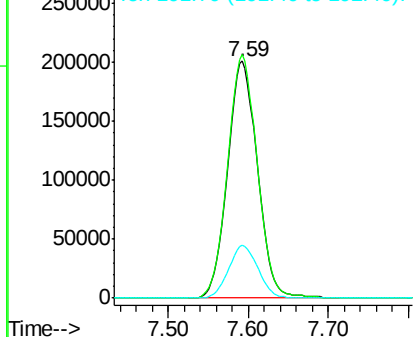


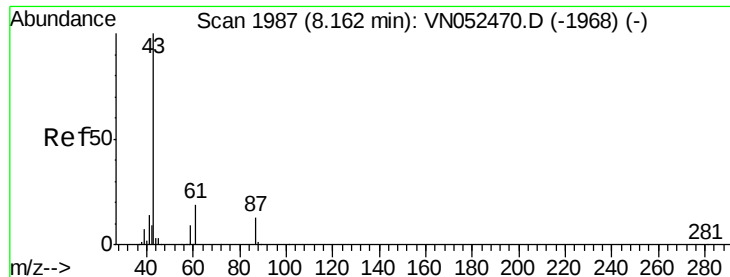
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN052770.D
 Acq: 11 Dec 2018 00:04

Tgt Ion:113 Resp: 509185
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.0 123.0
 192 22.0 17.0 25.6



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: 3.905 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN052770.D

Acq: 11 Dec 2018 00:04

Instrument :

MSVOA_N

ClientSampleId :

PB115472TB

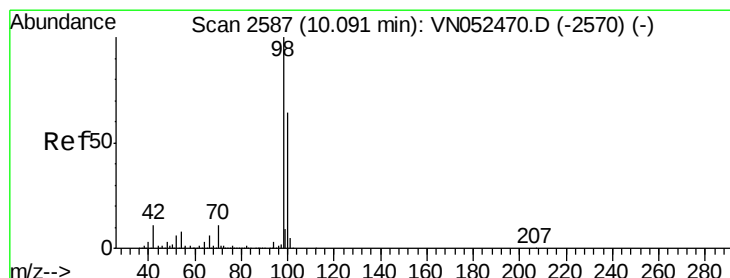
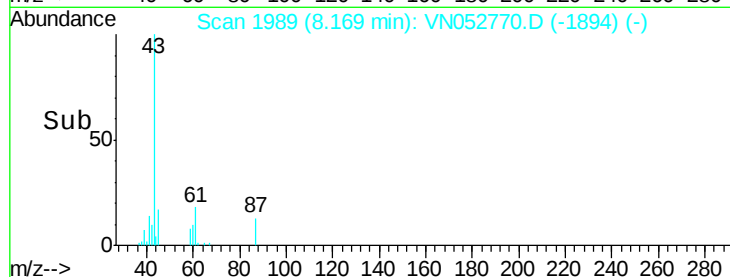
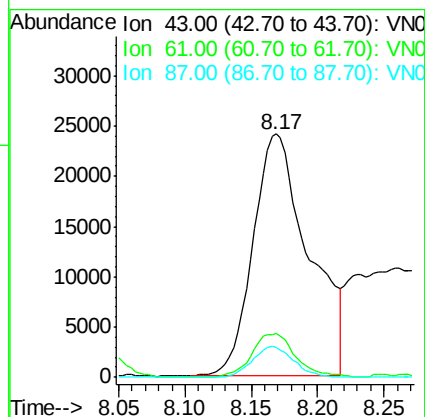
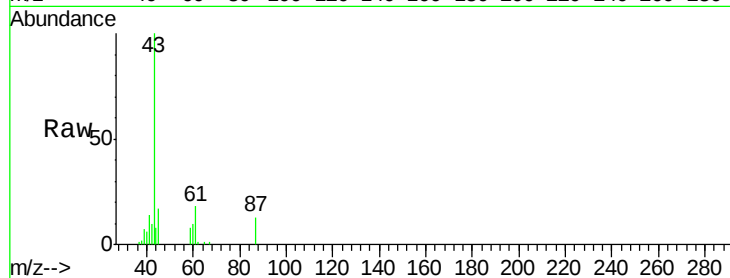
Tot Ion: 43 Resp: 70538

Ion Ratio Lower Upper

43 100

61 14.3 24.1 36.1#

87 9.3 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: VN052770.D

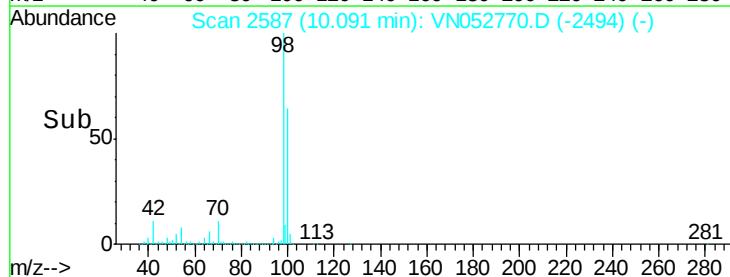
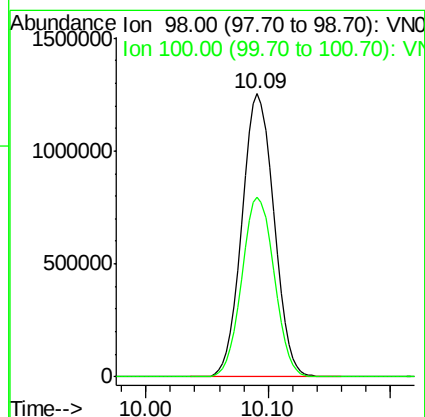
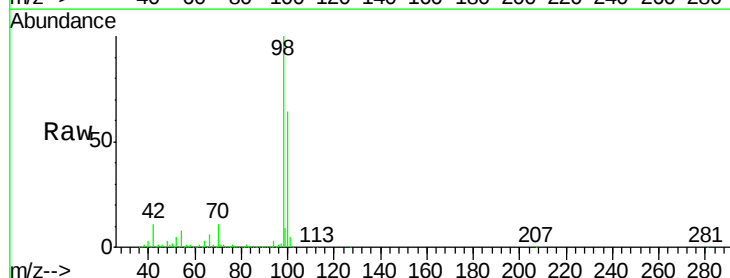
Acq: 11 Dec 2018 00:04

Tgt Ion: 98 Resp: 2269275

Ion Ratio Lower Upper

98 100

100 64.2 51.3 76.9





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052770.D

Acq: 11 Dec 2018 00:04

Instrument :

MSVOA_N

ClientSampleId :

PB115472TB

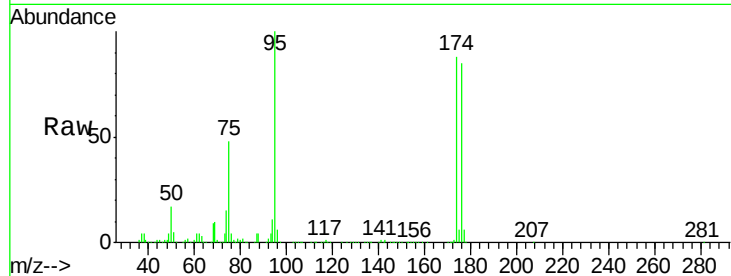
Tot Ion: 95 Resp: 743589

Ion Ratio Lower Upper

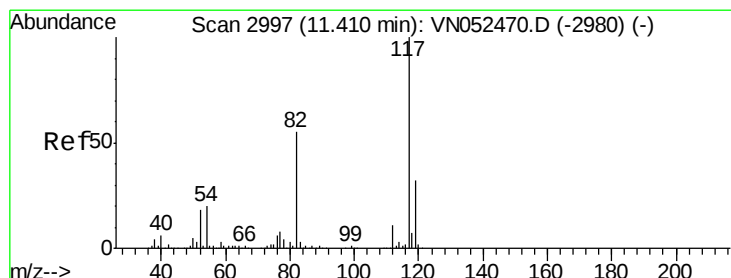
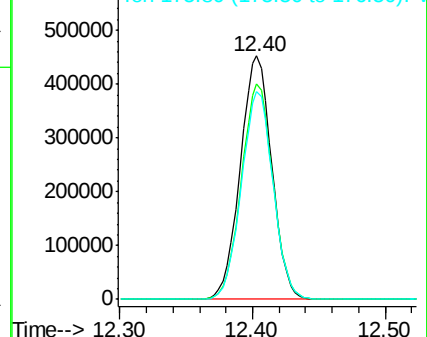
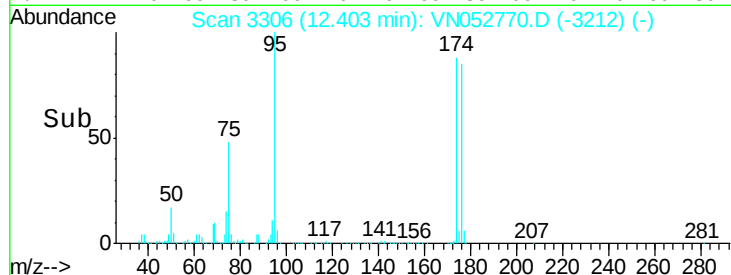
95 100

174 88.5 0.0 173.0

176 85.9 0.0 166.2



Abundance Ion 94.90 (94.60 to 95.60): VN052770.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. -0.00 min

Lab File: VN052770.D

Acq: 11 Dec 2018 00:04

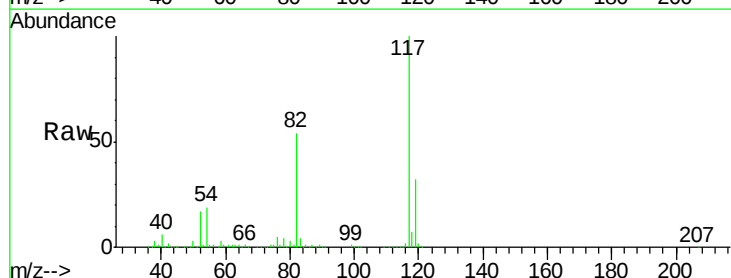
Tgt Ion: 117 Resp: 1654829

Ion Ratio Lower Upper

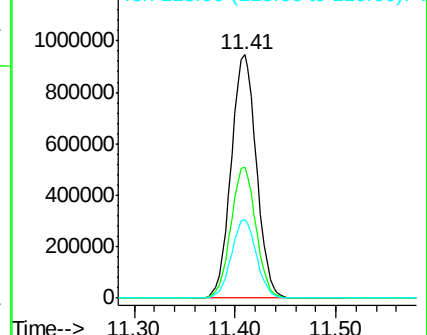
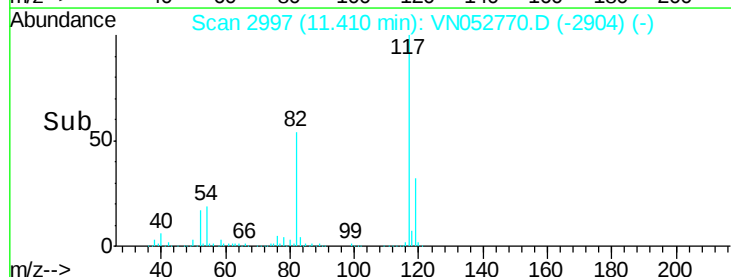
117 100

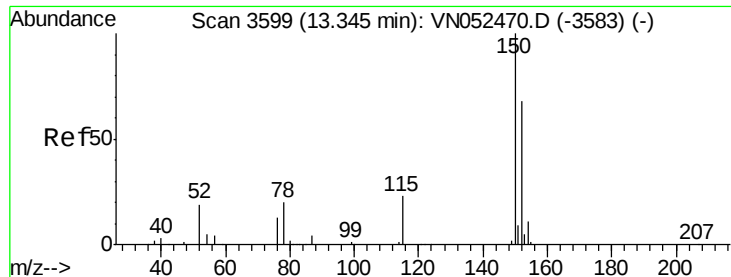
82 53.7 43.6 65.4

119 32.3 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): VN052770.D (-2904) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. -0.00 min

Lab File: VN052770.D

Acq: 11 Dec 2018 00:04

Instrument :

MSVOA_N

ClientSampleId :

PB115472TB

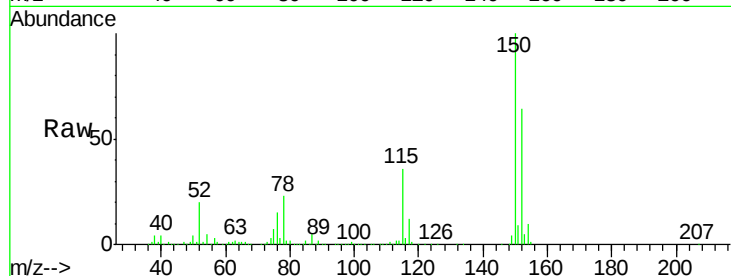
Tot Ion:152 Resp: 692137

Ion Ratio Lower Upper

152 100

115 56.1 28.4 85.2

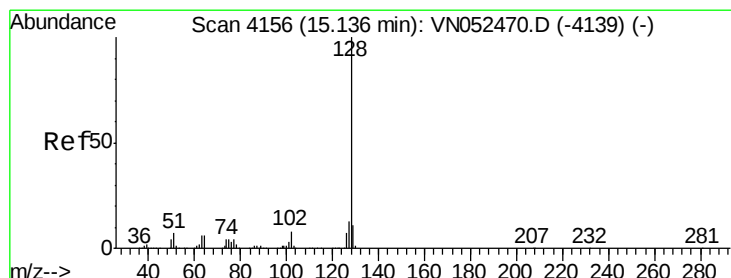
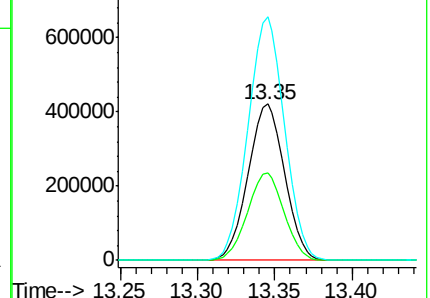
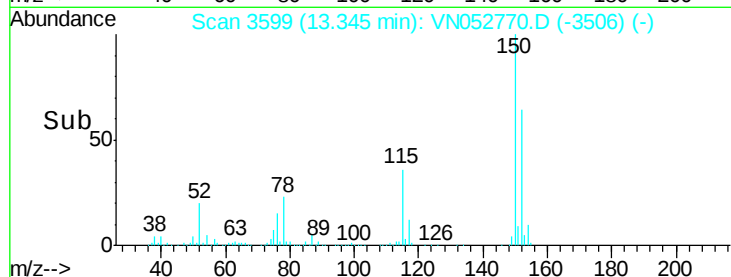
150 155.8 0.0 346.0



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



#95

Naphthalene

Concen: 4.000 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. -0.00 min

Lab File: VN052770.D

Acq: 11 Dec 2018 00:04

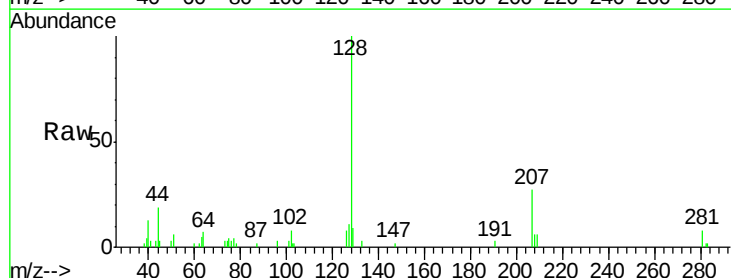
Tgt Ion:128 Resp: 15999

Ion Ratio Lower Upper

128 100

127 12.4 10.2 15.2

129 9.9 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

