

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN113018\
 Data File : VN052603.D
 Acq On : 30 Nov 2018 13:34
 Operator : MD\SY
 Sample : PB115186ZHE#01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115186ZHE#01

Quant Time: Dec 01 01:31:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 28 01:11:38 2018
 Response via : Initial Calibration

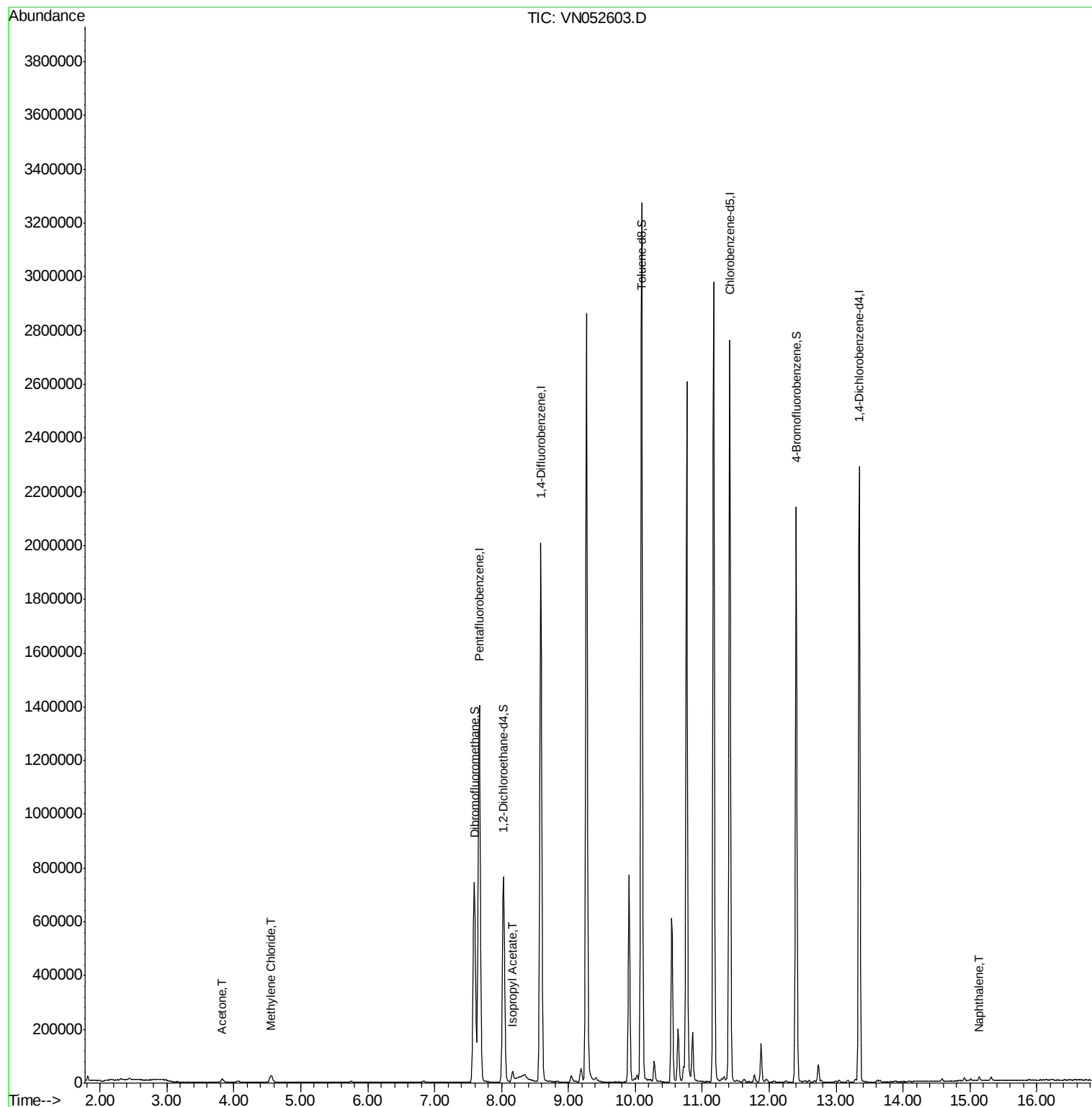
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1218516	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1872973	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1658683	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	642748	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	648589	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
35) Dibromofluoromethane	7.59	113	579517	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
50) Toluene-d8	10.09	98	2288964	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	
62) 4-Bromofluorobenzene	12.40	95	735591	48.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.40%	
Target Compounds						
16) Acetone	3.82	43	23675	6.765	ug/l	99
20) Methylene Chloride	4.55	84	20220	1.477	ug/l	94
43) Isopropyl Acetate	8.17	43	49517	2.711	ug/l #	87
95) Naphthalene	15.14	128	11494	3.871	ug/l	99

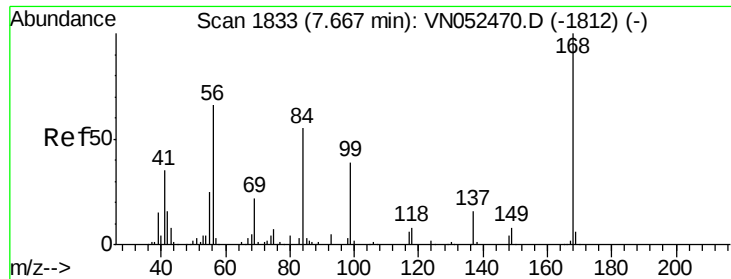
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN113018\
Data File : VN052603.D
Acq On : 30 Nov 2018 13:34
Operator : MD\SY
Sample : PB115186ZHE#01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
PB115186ZHE#01

Quant Time: Dec 01 01:31:07 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 28 01:11:38 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: VN052603.D

Acq: 30 Nov 2018 13:34

Instrument :

MSVOA_N

ClientSampleId :

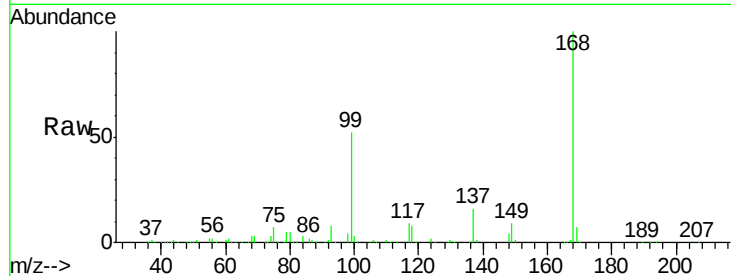
PB115186ZHE#01

Tgt Ion:168 Resp: 1218516

Ion Ratio Lower Upper

168 100

99 51.9 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

600000

500000

400000

300000

200000

100000

0

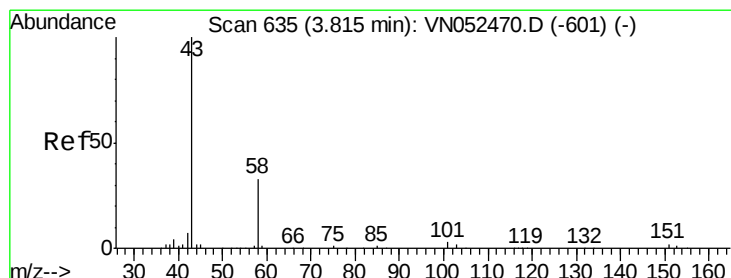
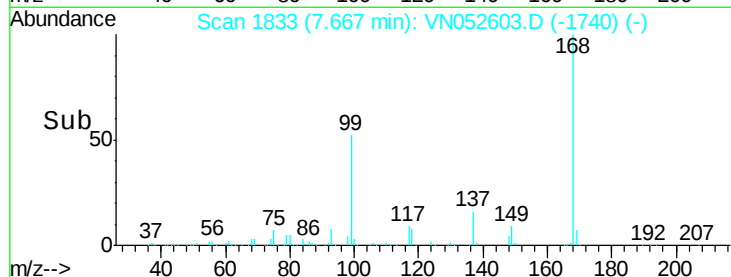
7.67

7.60

7.70

7.80

Time-->



#16

Acetone

Concen: 6.765 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN052603.D

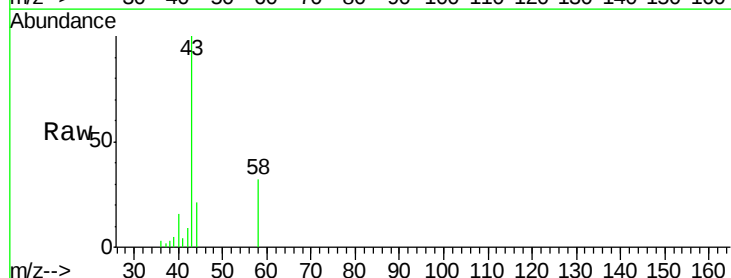
Acq: 30 Nov 2018 13:34

Tgt Ion: 43 Resp: 23675

Ion Ratio Lower Upper

43 100

58 32.0 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

8000

6000

4000

2000

0

3.82

3.70

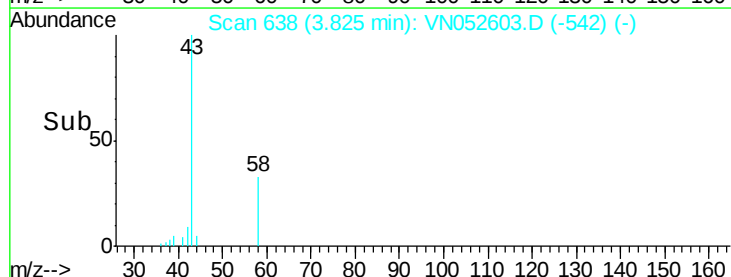
3.75

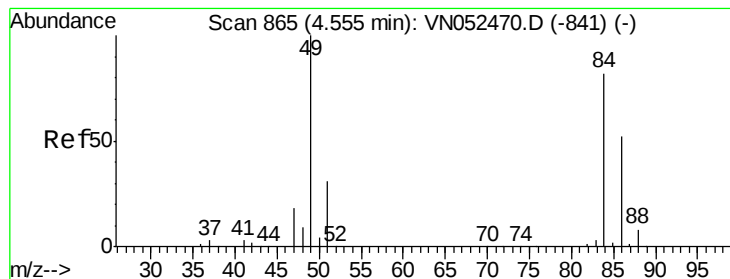
3.80

3.85

3.90

Time-->





#20

Methylene Chloride

Concen: 1.477 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN052603.D

Acq: 30 Nov 2018 13:34

Instrument :

MSVOA_N

ClientSampleId :

PB115186ZHE#01

Tgt Ion: 84 Resp: 20220

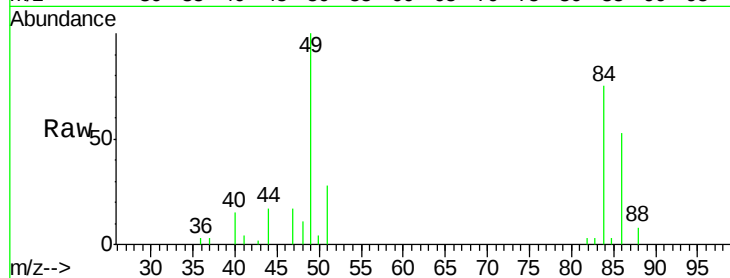
Ion Ratio Lower Upper

84 100

49 129.2 98.0 147.0

51 37.4 30.1 45.1

86 70.2 50.7 76.1

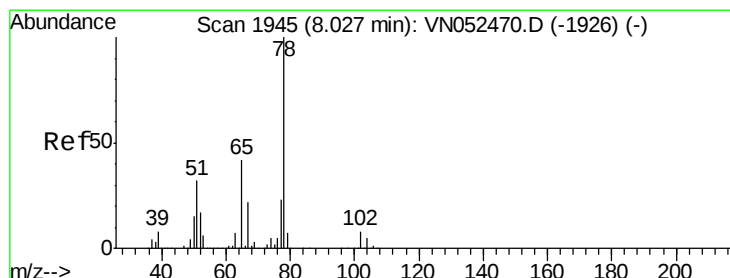
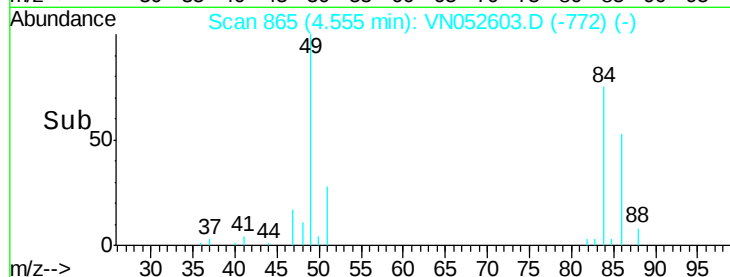
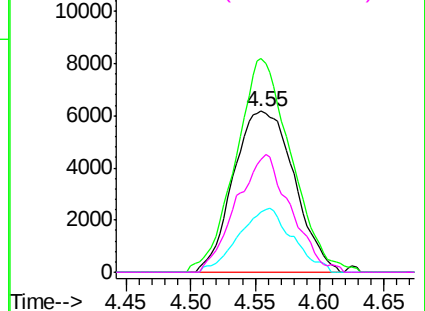


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052603.D

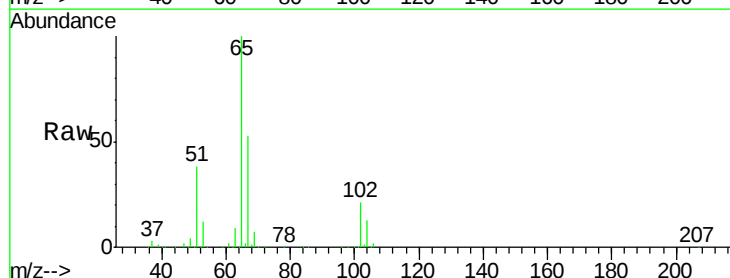
Acq: 30 Nov 2018 13:34

Tgt Ion: 65 Resp: 648589

Ion Ratio Lower Upper

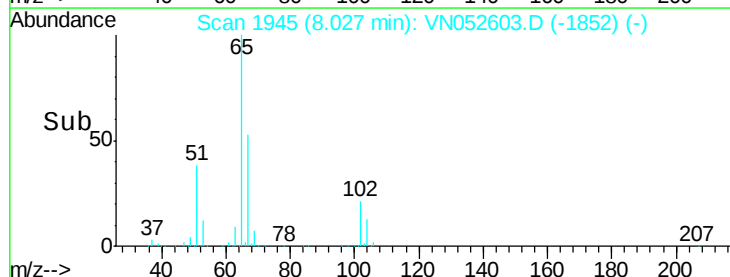
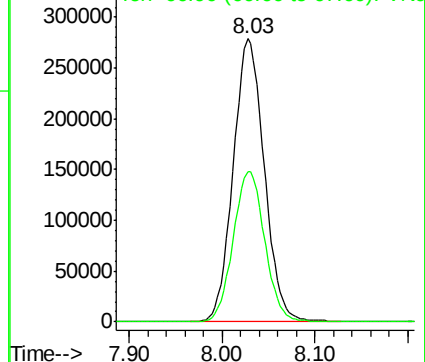
65 100

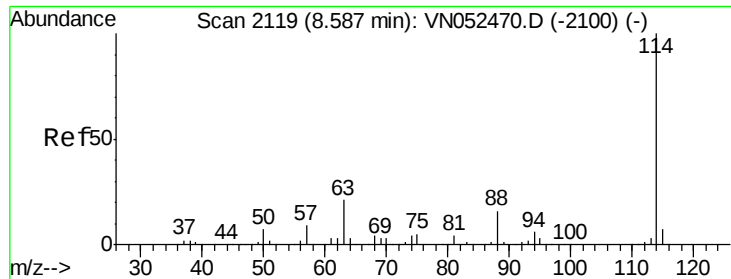
67 54.0 0.0 109.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

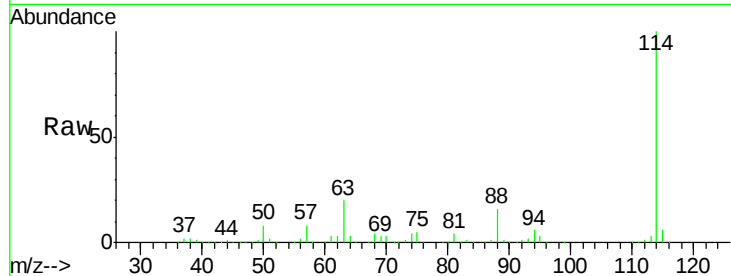




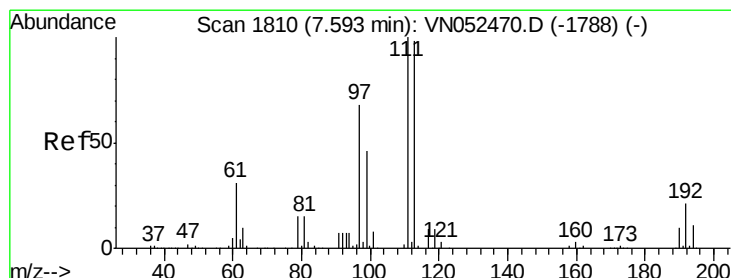
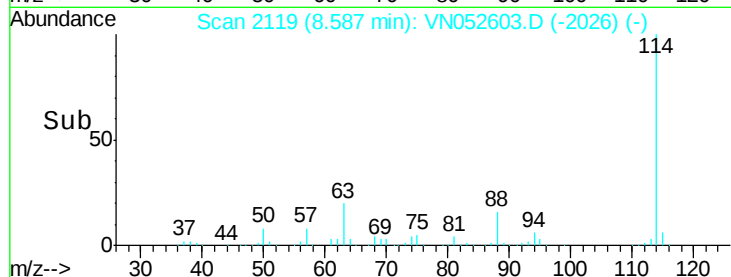
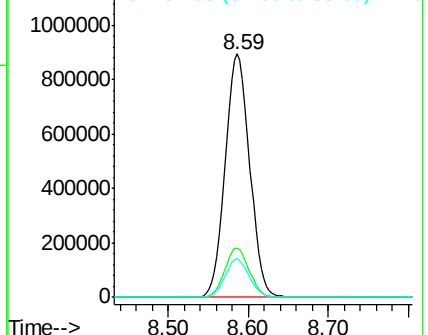
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN052603.D
Acq: 30 Nov 2018 13:34

Instrument :
MSVOA_N
ClientSampleId :
PB115186ZHE#01

Tgt Ion:114 Resp: 1872973
Ion Ratio Lower Upper
114 100
63 20.4 0.0 41.8
88 15.7 0.0 31.6

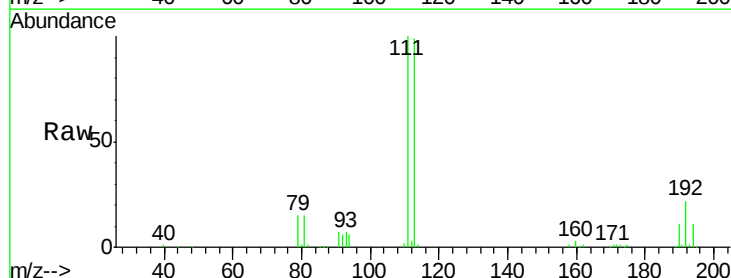


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

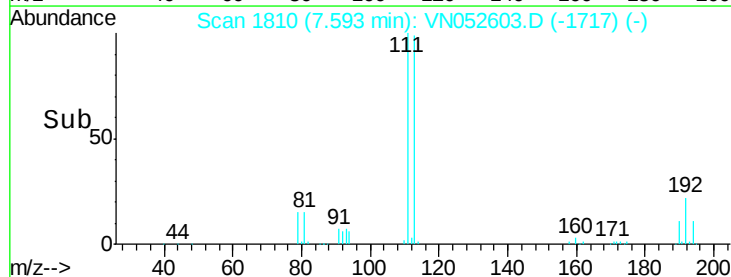
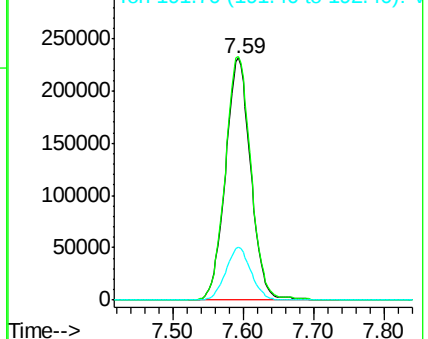


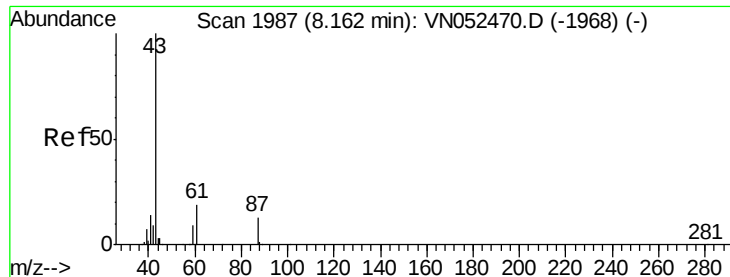
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN052603.D
Acq: 30 Nov 2018 13:34

Tgt Ion:113 Resp: 579517
Ion Ratio Lower Upper
113 100
111 102.5 82.0 123.0
192 21.9 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: 2.711 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052603.D

Acq: 30 Nov 2018 13:34

Instrument :

MSVOA_N

ClientSampleId :

PB115186ZHE#01

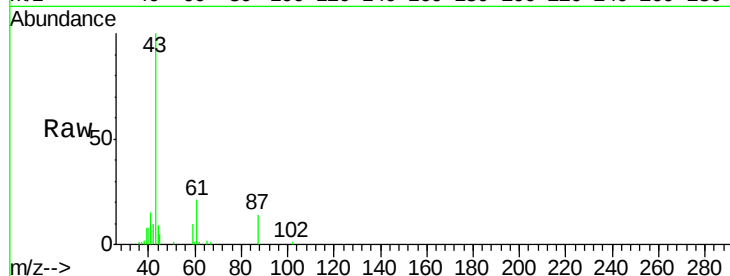
Tgt Ion: 43 Resp: 49517

Ion Ratio Lower Upper

43 100

61 20.1 24.1 36.1#

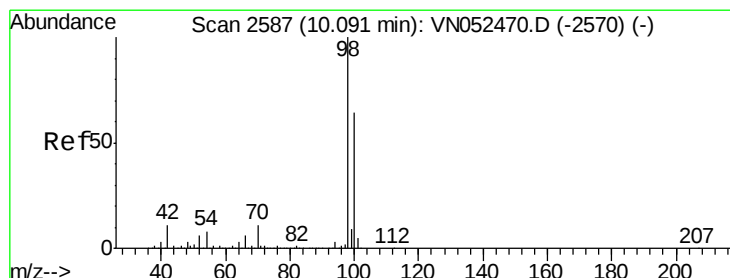
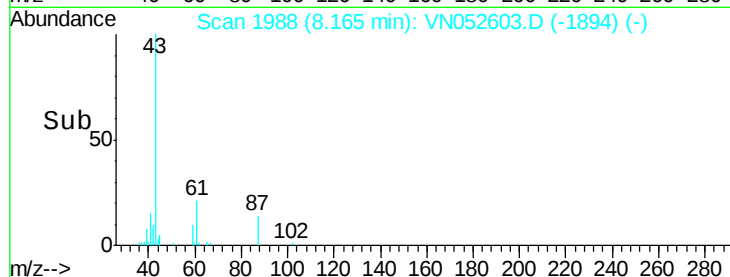
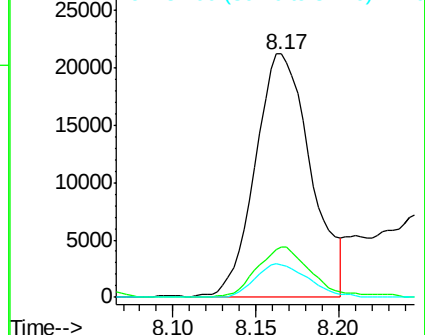
87 13.0 10.6 15.8



Abundance Ion 43.00 (42.70 to 43.70): VN052470.D (-1968) (-)

Ion 61.00 (60.70 to 61.70): VN052470.D (-1968) (-)

Ion 87.00 (86.70 to 87.70): VN052470.D (-1968) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN052603.D

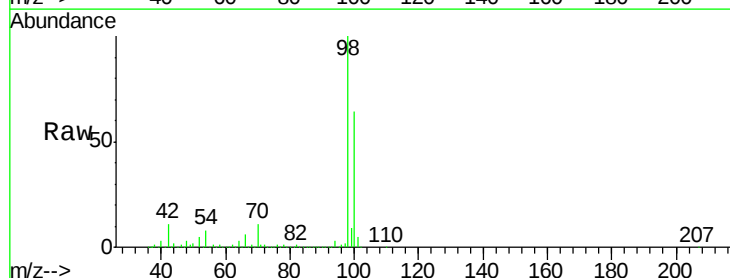
Acq: 30 Nov 2018 13:34

Tgt Ion: 98 Resp: 2288964

Ion Ratio Lower Upper

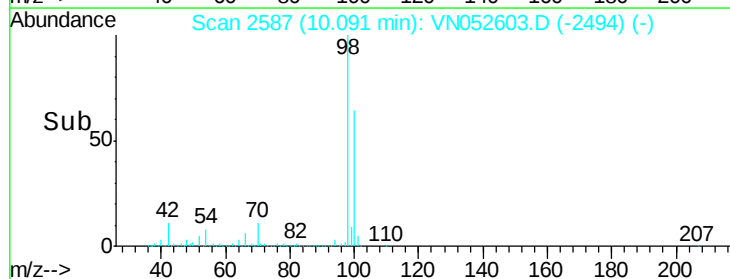
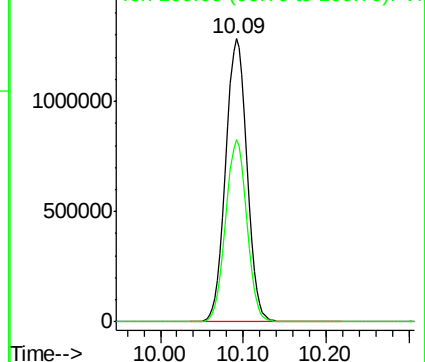
98 100

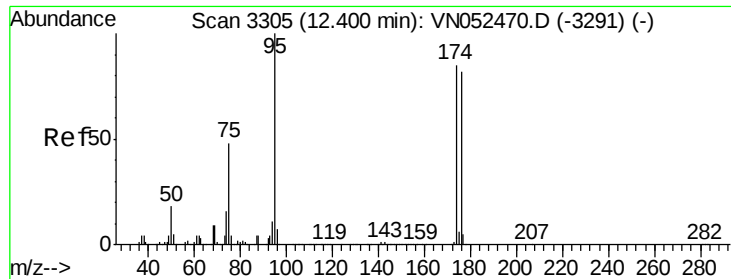
100 63.9 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN052470.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN052470.D (-2570) (-)





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052603.D

Acq: 30 Nov 2018 13:34

Instrument :

MSVOA_N

ClientSampleId :

PB115186ZHE#01

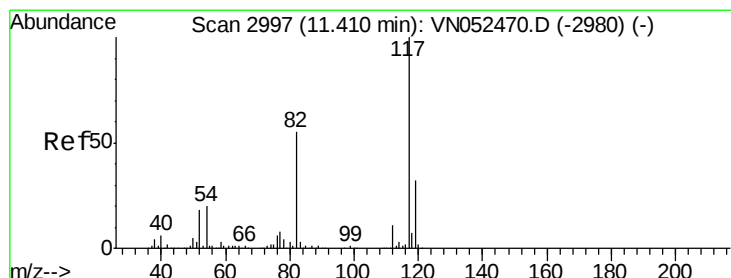
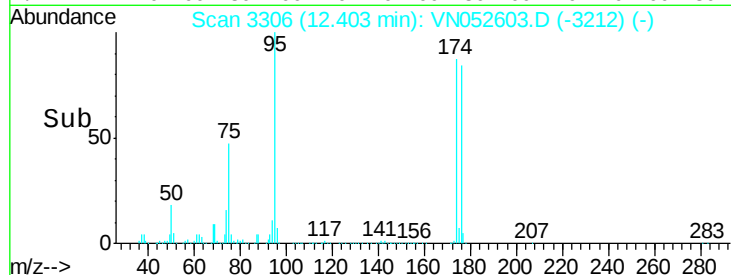
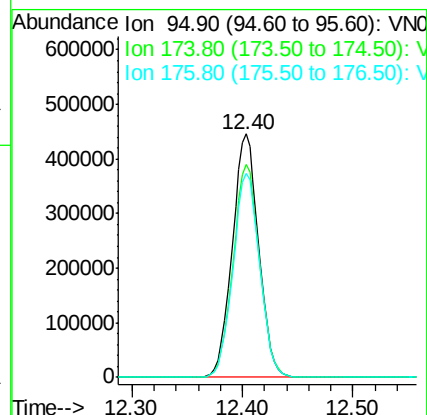
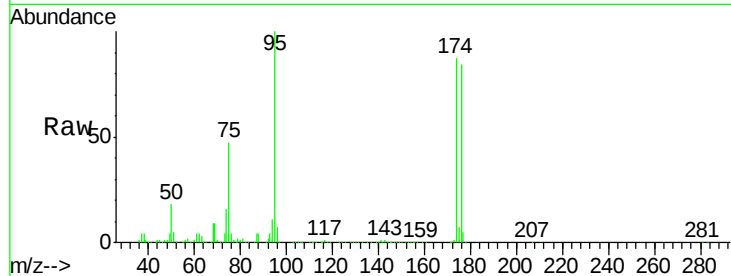
Tgt Ion: 95 Resp: 735591

Ion Ratio Lower Upper

95 100

174 88.0 0.0 173.0

176 85.2 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: VN052603.D

Acq: 30 Nov 2018 13:34

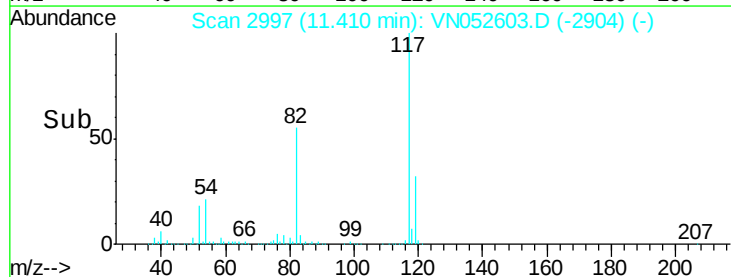
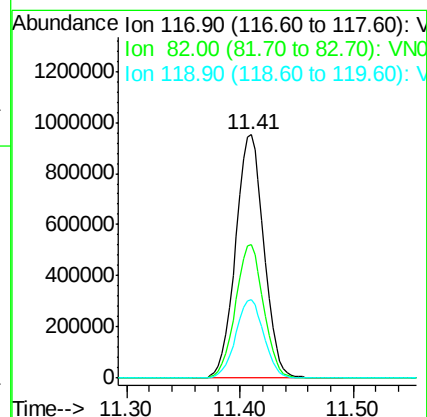
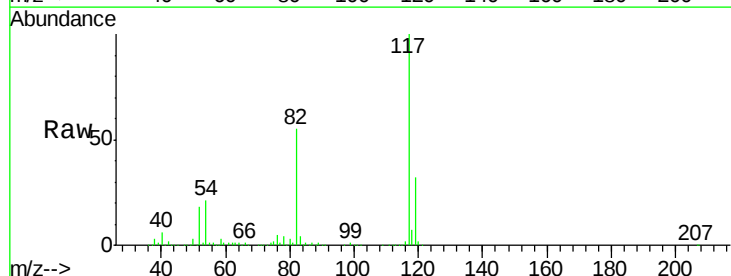
Tgt Ion: 117 Resp: 1658683

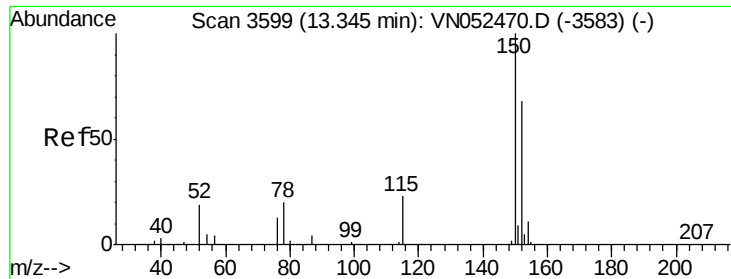
Ion Ratio Lower Upper

117 100

82 54.6 43.6 65.4

119 32.0 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: VN052603.D

Acq: 30 Nov 2018 13:34

Instrument :

MSVOA_N

ClientSampleId :

PB115186ZHE#01

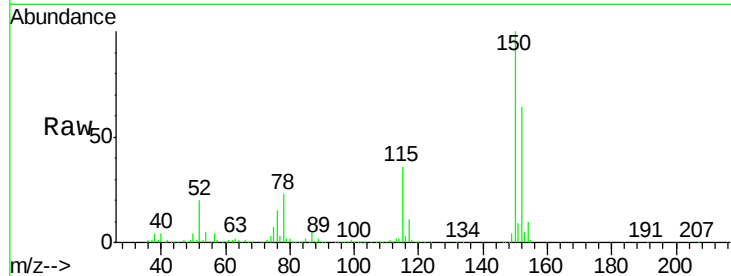
Tgt Ion:152 Resp: 642748

Ion Ratio Lower Upper

152 100

115 57.0 28.4 85.2

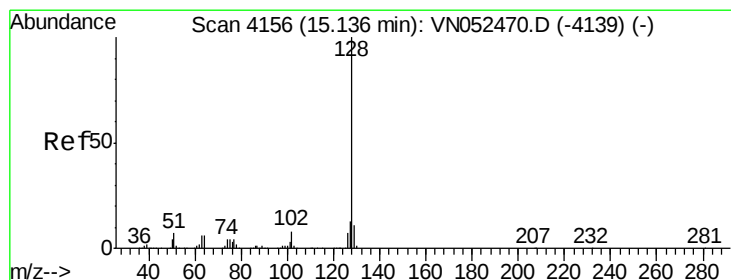
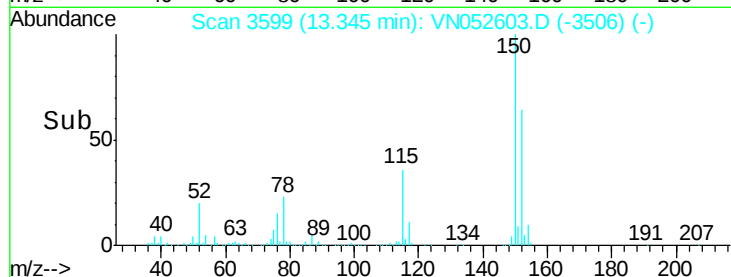
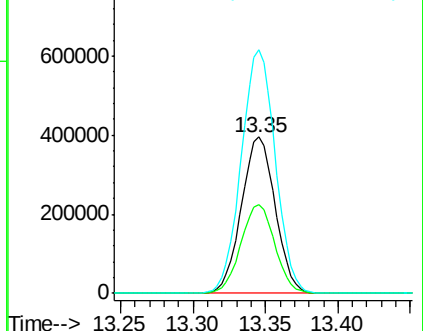
150 157.1 0.0 346.0



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: 3.871 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN052603.D

Acq: 30 Nov 2018 13:34

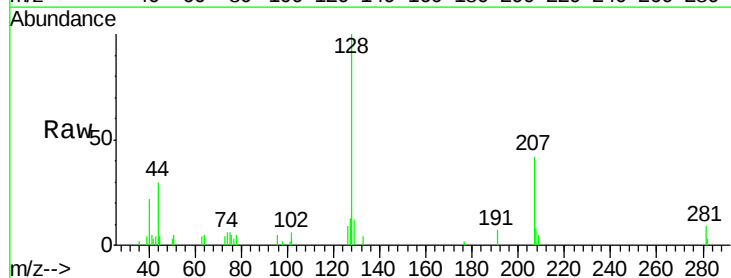
Tgt Ion:128 Resp: 11494

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 11.2 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

