

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN113018\
 Data File : VN052604.D
 Acq On : 30 Nov 2018 14:01
 Operator : MD\SY
 Sample : PB115186ZHE#02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB115186ZHE#02

Quant Time: Dec 01 02:04:58 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

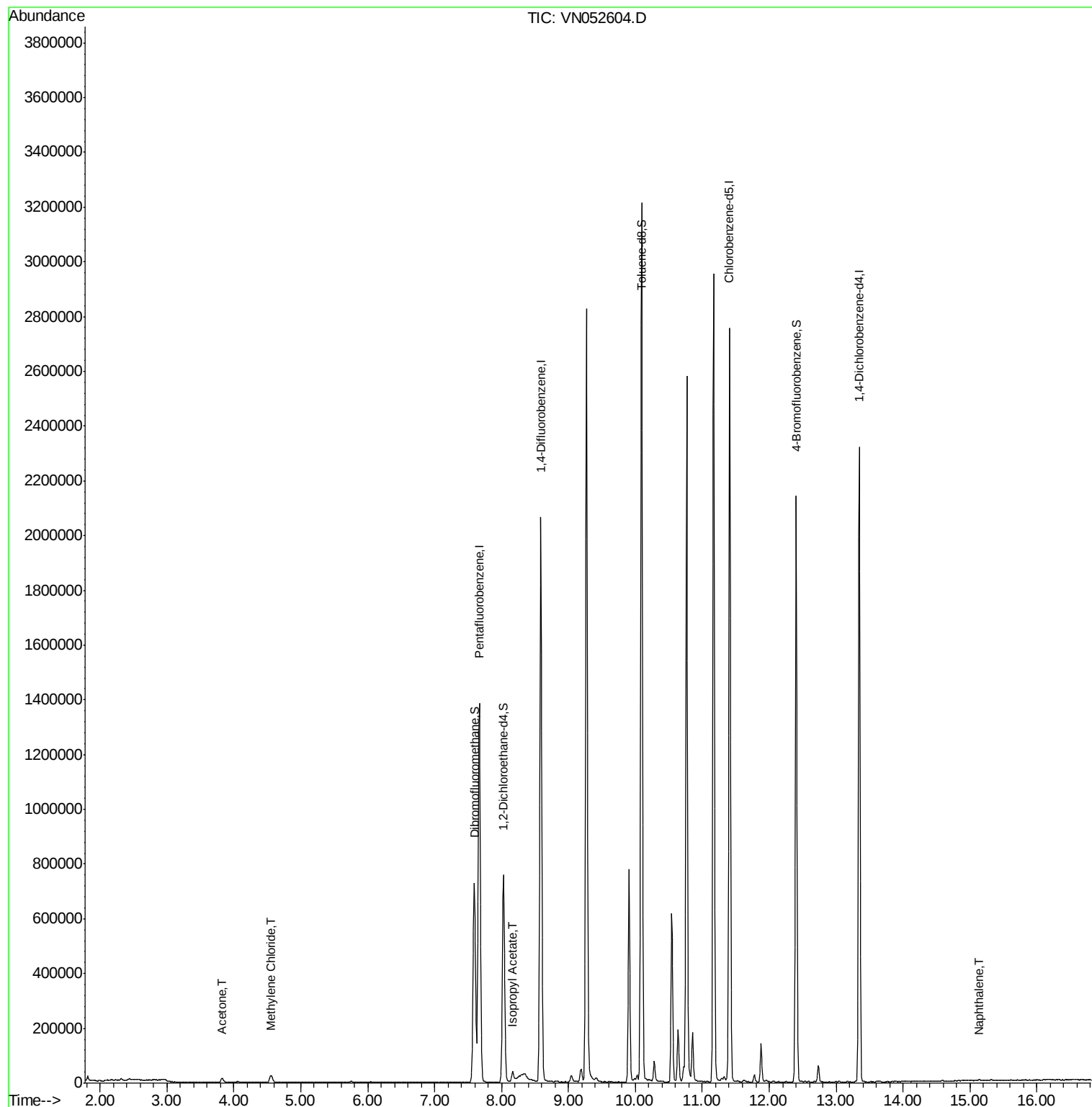
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1207192	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1860668	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1667101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	644881	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	636173	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.80%	
35) Dibromofluoromethane	7.59	113	568700	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
50) Toluene-d8	10.09	98	2281758	51.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.20%	
62) 4-Bromofluorobenzene	12.40	95	736474	49.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.16%	
Target Compounds						
16) Acetone	3.82	43	23924	6.901	ug/l	Qvalue 100
20) Methylene Chloride	4.56	84	19843	1.463	ug/l	98
43) Isopropyl Acetate	8.17	43	52609	2.899	ug/l #	84
95) Naphthalene	15.14	128	3555	3.565	ug/l #	93

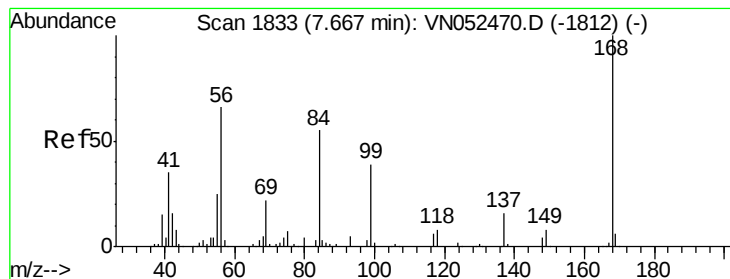
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN052604.D

Acq: 30 Nov 2018 14:01

Instrument :

MSVOA_N

ClientSampleId :

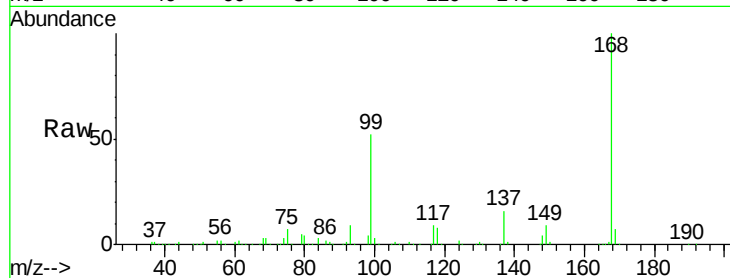
PB115186ZHE#02

Tgt Ion:168 Resp: 1207192

Ion Ratio Lower Upper

168 100

99 51.7 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): VN052604.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN052604.D (-1740) (-)

7.67

500000

400000

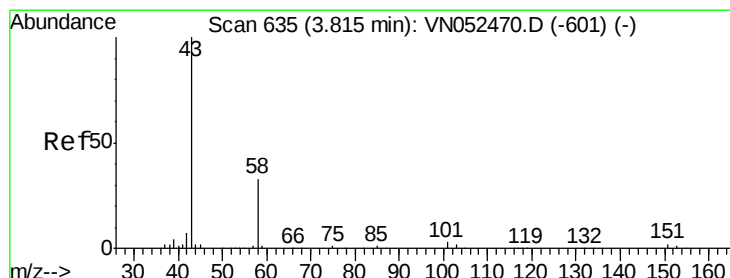
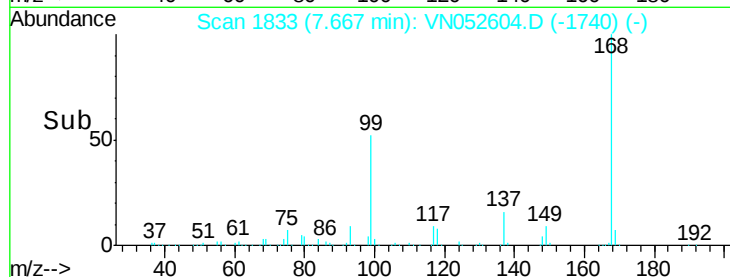
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 6.901 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN052604.D

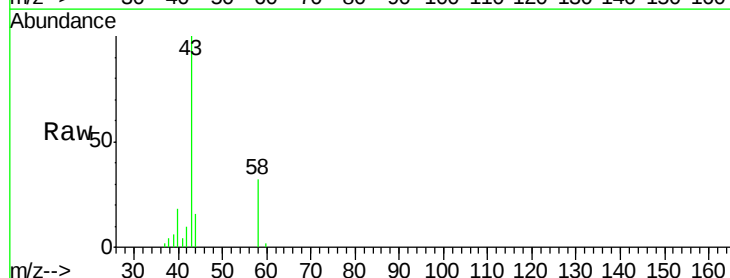
Acq: 30 Nov 2018 14:01

Tgt Ion: 43 Resp: 23924

Ion Ratio Lower Upper

43 100

58 32.5 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN052604.D (-542) (-)

Ion 58.00 (57.70 to 58.70): VN052604.D (-542) (-)

3.82

10000

8000

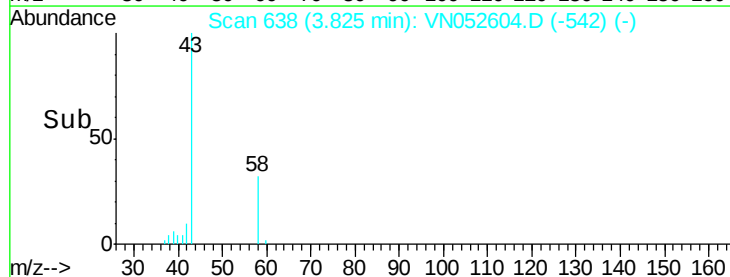
6000

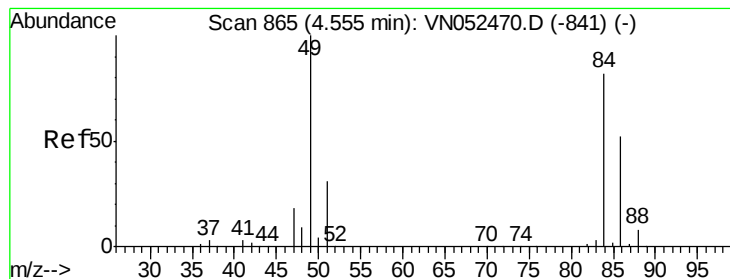
4000

2000

0

Time--> 3.75 3.80 3.85 3.90





#20

Methylene Chloride

Concen: 1.463 ug/l

RT: 4.56 min Scan# 867

Delta R.T. 0.01 min

Lab File: VN052604.D

Acq: 30 Nov 2018 14:01

Instrument :

MSVOA_N

ClientSampleId :

PB115186ZHE#02

Tgt Ion: 84 Resp: 19843

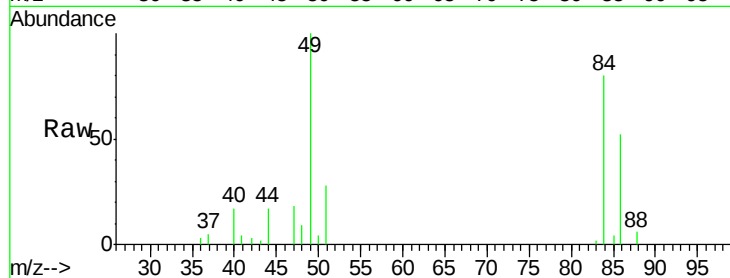
Ion Ratio Lower Upper

84 100

49 124.7 98.0 147.0

51 35.2 30.1 45.1

86 64.4 50.7 76.1

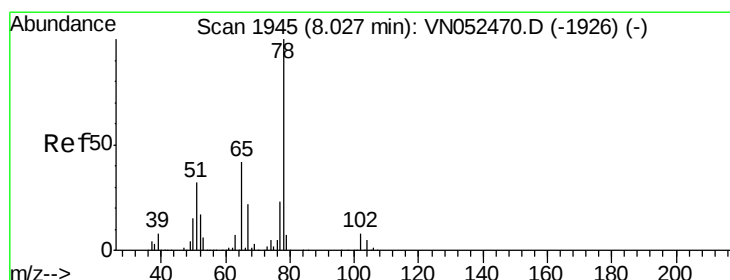
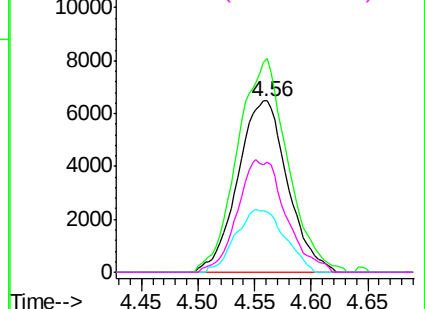
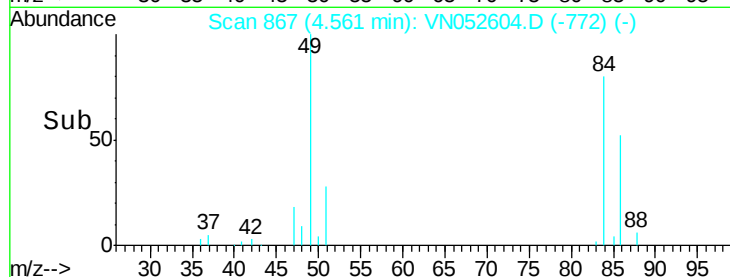


Abundance Ion 83.90 (83.60 to 84.60): VN0

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: VN052604.D

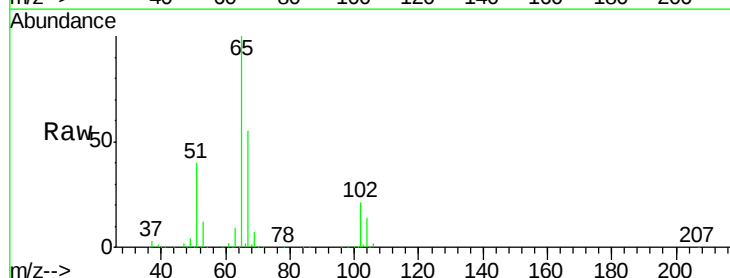
Acq: 30 Nov 2018 14:01

Tgt Ion: 65 Resp: 636173

Ion Ratio Lower Upper

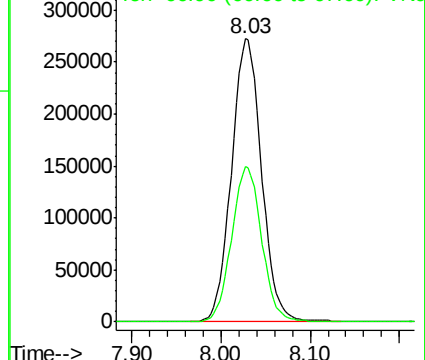
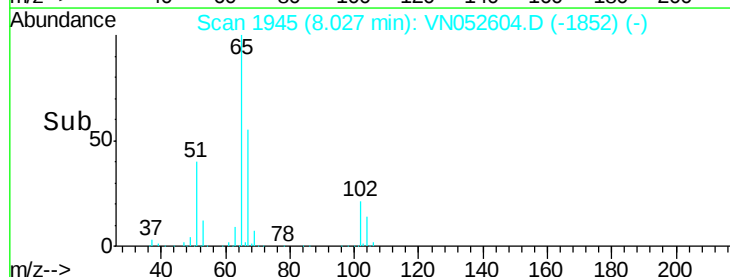
65 100

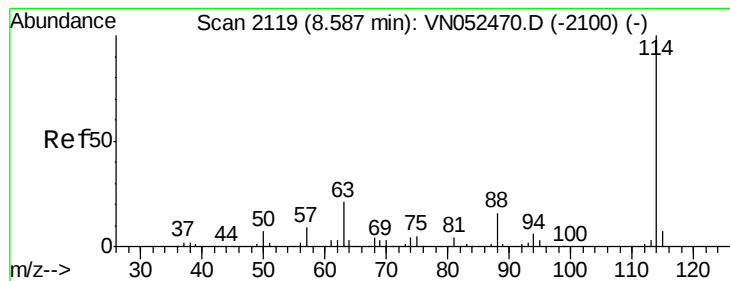
67 54.8 0.0 109.8



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: VN052604.D

Acq: 30 Nov 2018 14:01

Instrument :

MSVOA_N

ClientSampleId :

PB115186ZHE#02

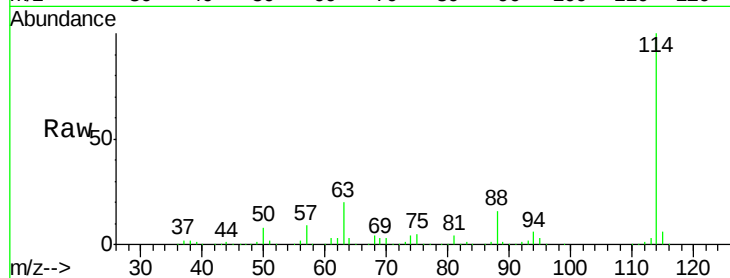
Tgt Ion:114 Resp: 1860668

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.8

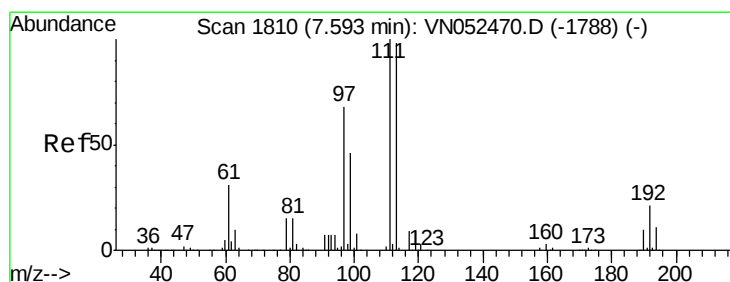
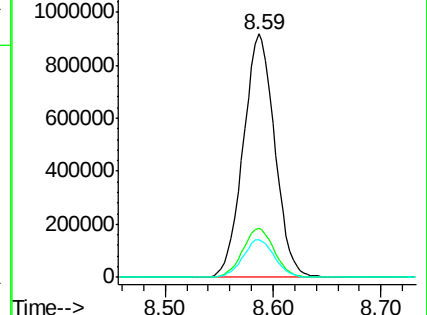
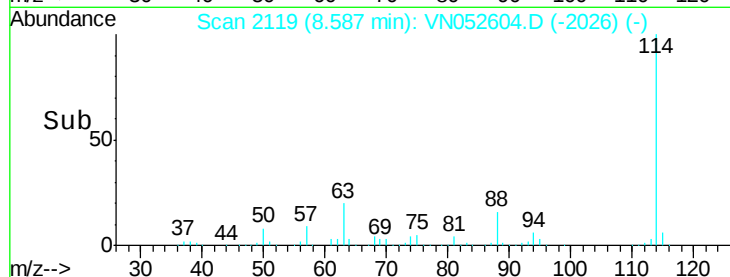
88 15.6 0.0 31.6



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: VN052604.D

Acq: 30 Nov 2018 14:01

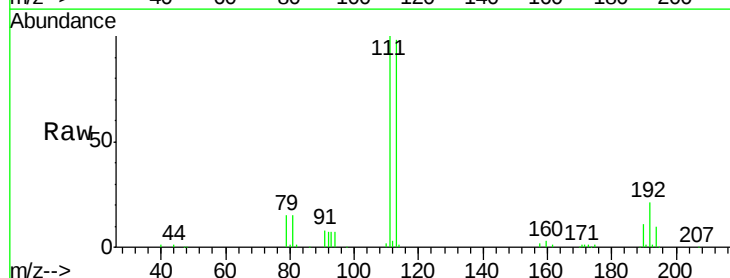
Tgt Ion:113 Resp: 568700

Ion Ratio Lower Upper

113 100

111 102.5 82.0 123.0

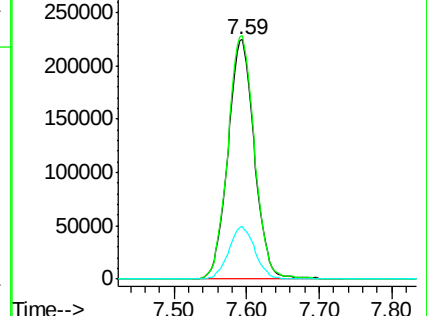
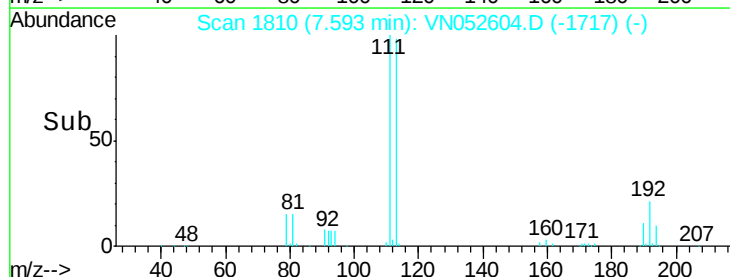
192 21.7 17.0 25.6

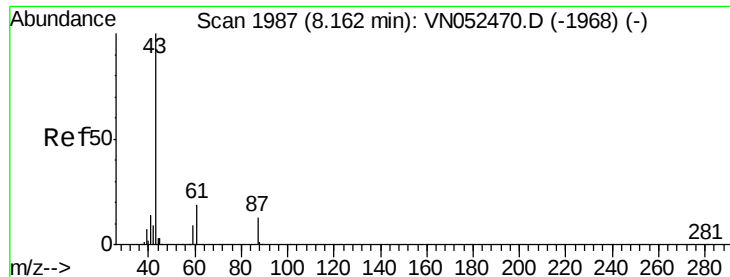


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.899 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN052604.D

Acq: 30 Nov 2018 14:01

Instrument :

MSVOA_N

ClientSampleId :

PB115186ZHE#02

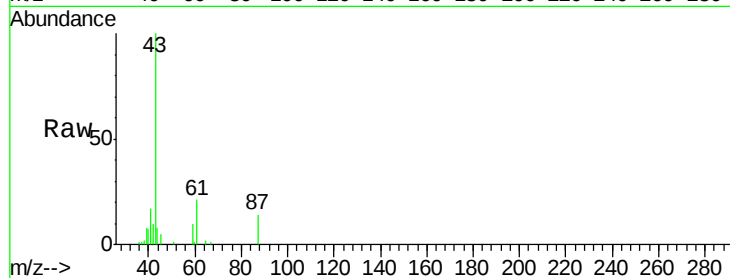
Tgt Ion: 43 Resp: 52609

Ion Ratio Lower Upper

43 100

61 18.4 24.1 36.1#

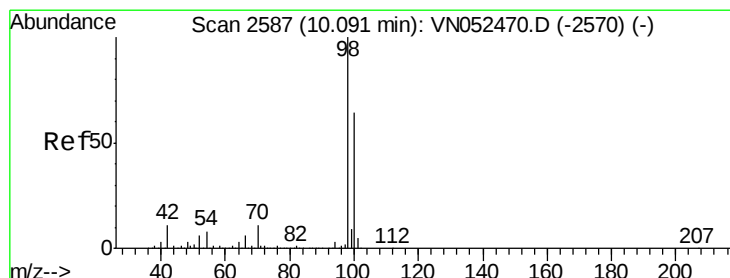
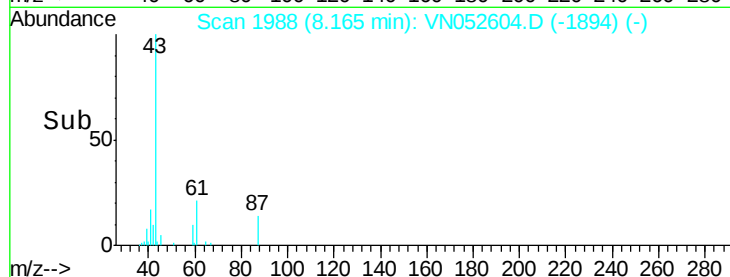
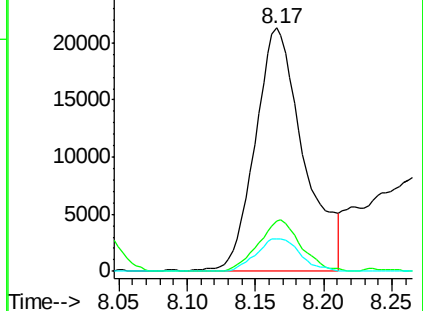
87 12.1 10.6 15.8



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: VN052604.D

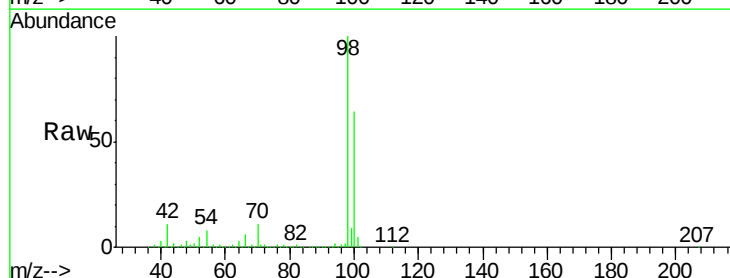
Acq: 30 Nov 2018 14:01

Tgt Ion: 98 Resp: 2281758

Ion Ratio Lower Upper

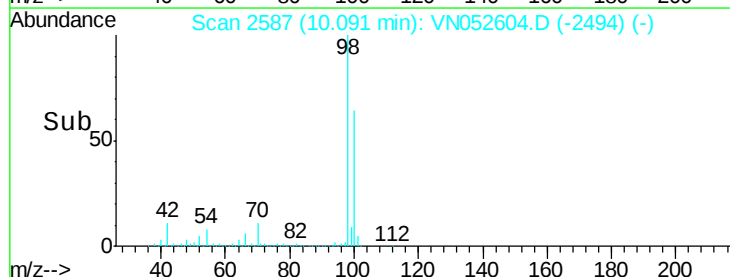
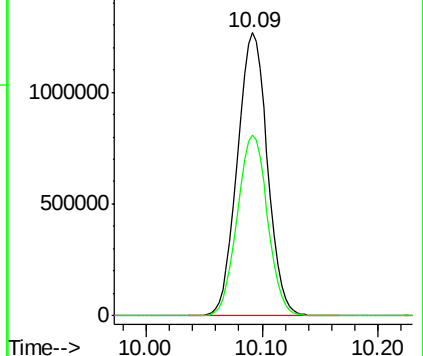
98 100

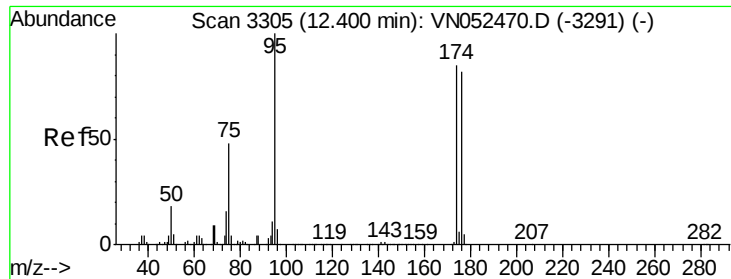
100 64.3 51.3 76.9



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

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

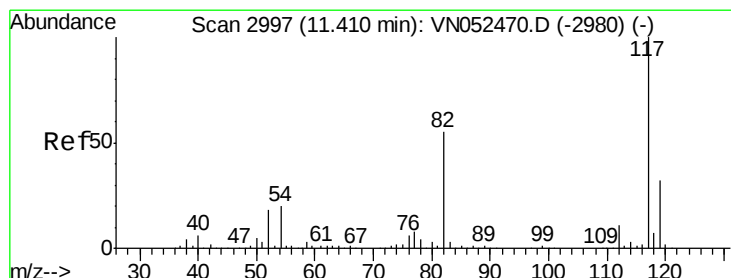
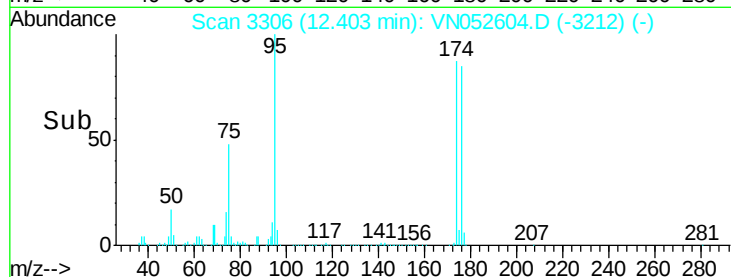
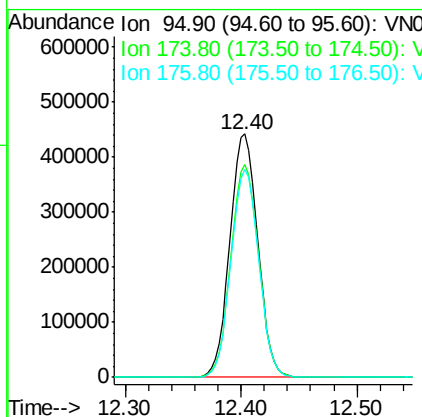
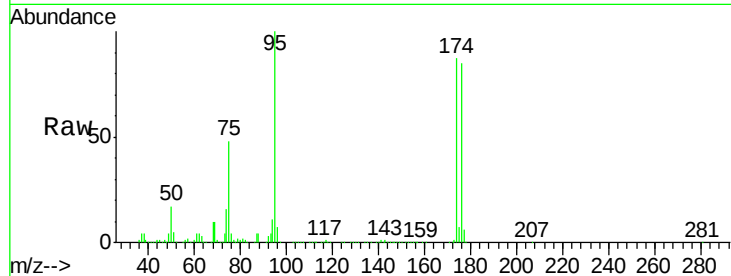




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN052604.D
Acq: 30 Nov 2018 14:01

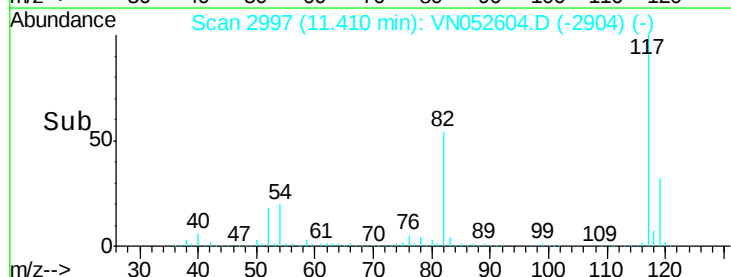
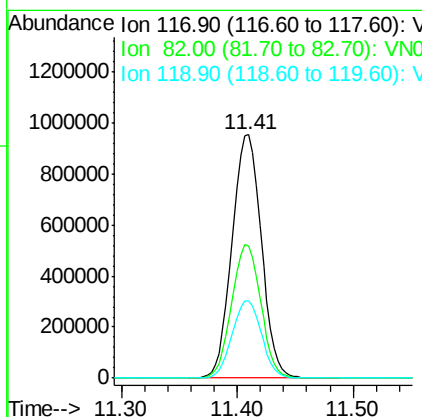
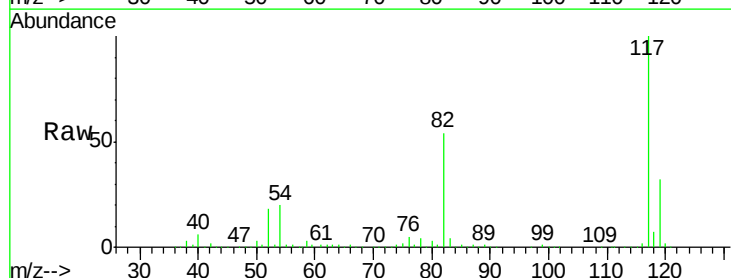
Instrument :
MSVOA_N
ClientSampleId :
PB115186ZHE#02

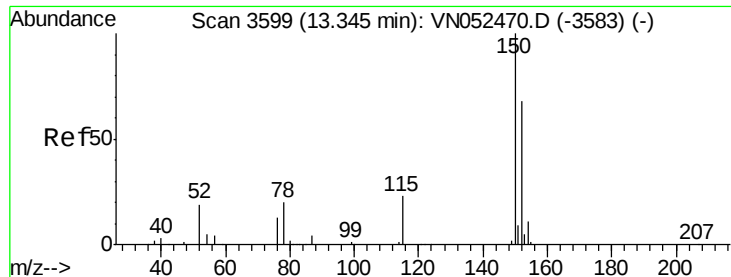
Tgt Ion: 95 Resp: 736474
Ion Ratio Lower Upper
95 100
174 87.1 0.0 173.0
176 85.0 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. -0.00 min
Lab File: VN052604.D
Acq: 30 Nov 2018 14:01

Tgt Ion: 117 Resp: 1667101
Ion Ratio Lower Upper
117 100
82 54.3 43.6 65.4
119 31.8 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: VN052604.D

Acq: 30 Nov 2018 14:01

Instrument :

MSVOA_N

ClientSampleId :

PB115186ZHE#02

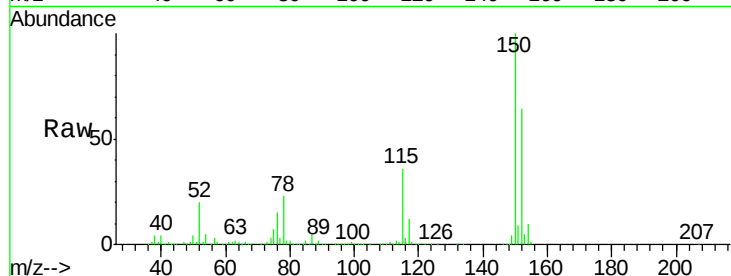
Tgt Ion:152 Resp: 644881

Ion Ratio Lower Upper

152 100

115 56.2 28.4 85.2

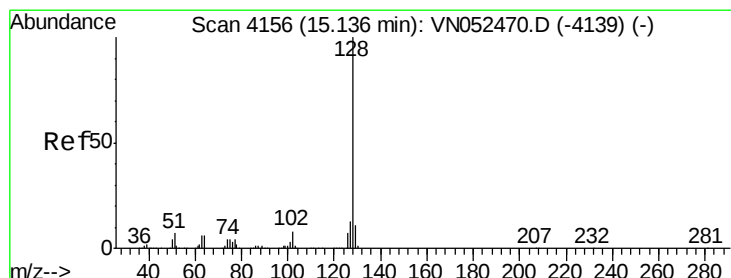
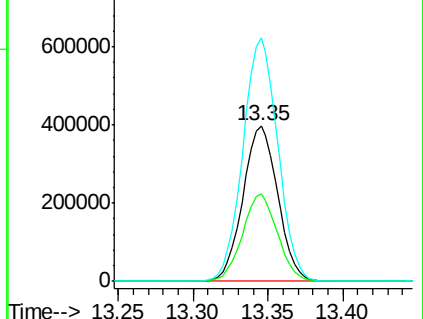
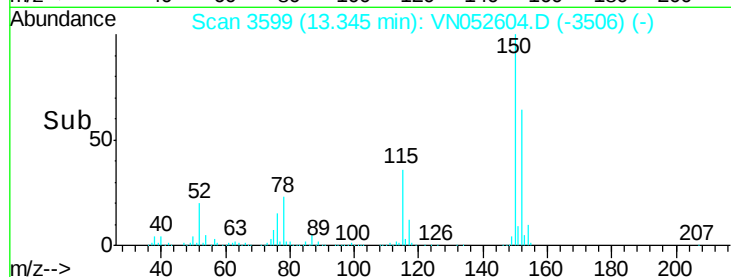
150 156.8 0.0 346.0



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: 3.565 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN052604.D

Acq: 30 Nov 2018 14:01

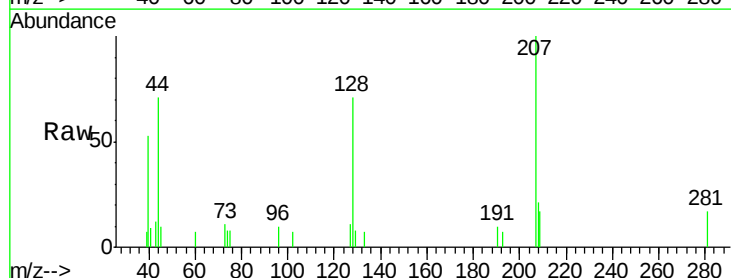
Tgt Ion:128 Resp: 3555

Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.2

129 6.5 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

