

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021119\
 Data File : VN053706.D
 Acq On : 11 Feb 2019 15:53
 Operator : JC/SP
 Sample : K1450-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SHORE-RD-BOX-CULVERT-TP

Quant Time: Feb 11 23:02:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

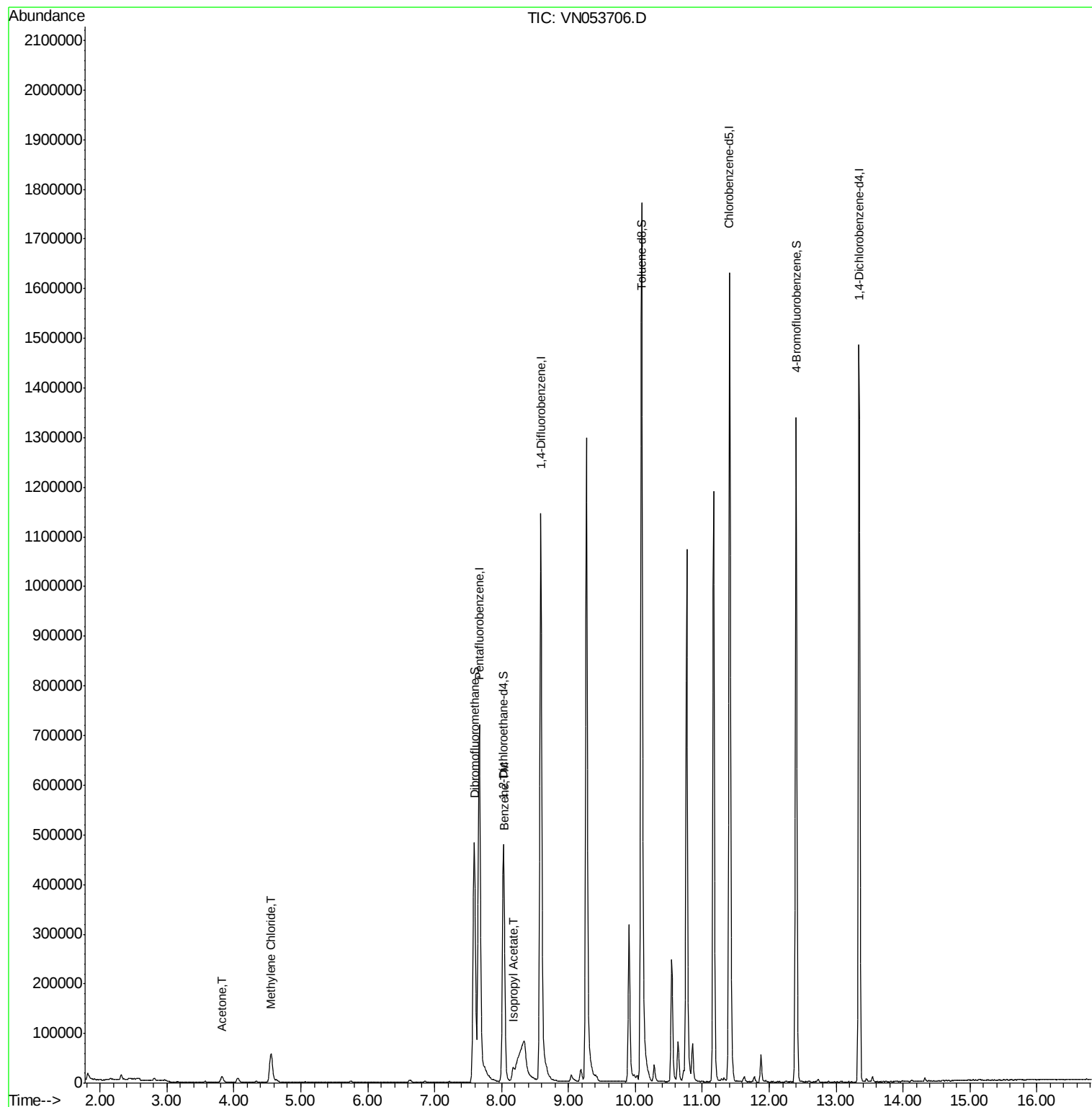
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	747340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1198779	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1091570	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	432501	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	387488	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.36%	
35) Dibromofluoromethane	7.59	113	379477	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
50) Toluene-d8	10.09	98	1458270	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.54%	
62) 4-Bromofluorobenzene	12.40	95	470360	49.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.18%	
Target Compounds						
16) Acetone	3.82	43	23101	12.013	ug/l	96
20) Methylene Chloride	4.55	84	45598	5.652	ug/l	98
40) Benzene	8.05	78	45305	1.360	ug/l	98
43) Isopropyl Acetate	8.17	43	34956	2.999	ug/l #	79

(#) = 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: VN053706.D

Acq: 11 Feb 2019 15:53

Instrument :

MSVOA_N

ClientSampleId :

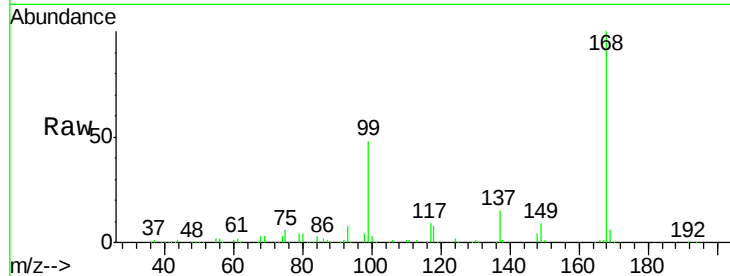
SHORE-RD-BOX-CULVERT-TP

Tot Ion:168 Resp: 747340

Ion Ratio Lower Upper

168 100

99 48.1 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

150000

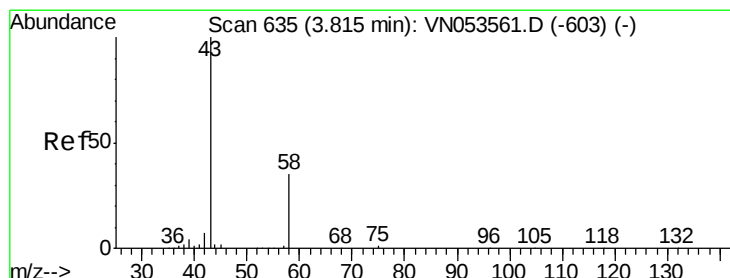
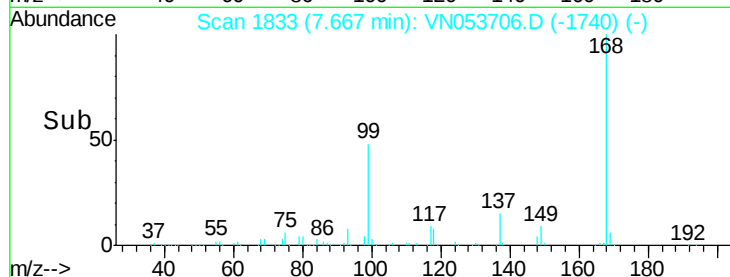
100000

50000

0

Time-->

7.60 7.80 8.00



#16

Acetone

Concen: 12.013 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053706.D

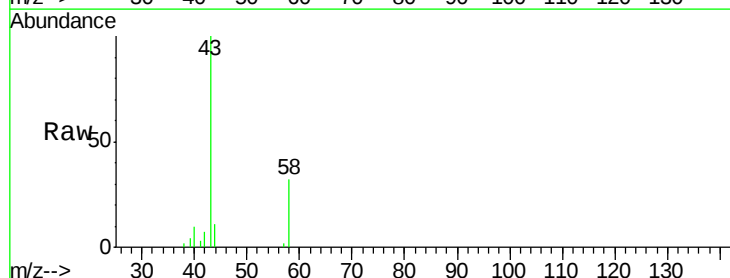
Acq: 11 Feb 2019 15:53

Tgt Ion: 43 Resp: 23101

Ion Ratio Lower Upper

43 100

58 31.6 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.82

8000

6000

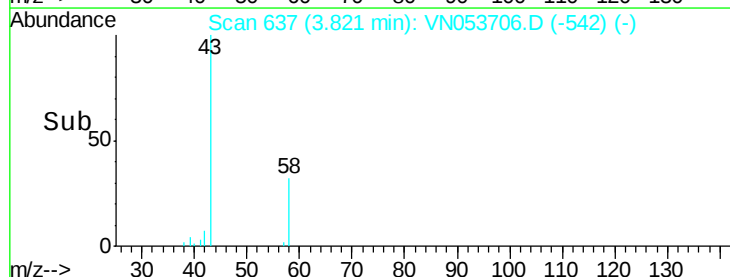
4000

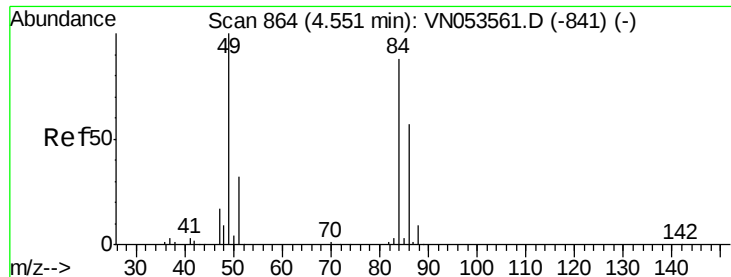
2000

0

Time-->

3.70 3.80 3.90





#20

Methylene Chloride

Concen: 5.652 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN053706.D

Acq: 11 Feb 2019 15:53

Instrument :

MSVOA_N

ClientSampleId :

SHORE-RD-BOX-CULVERT-TP

Tot Ion: 84 Resp: 45598

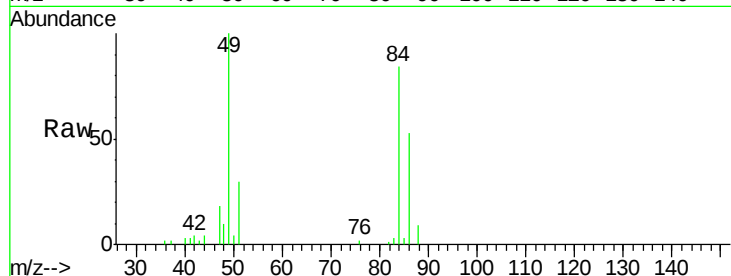
Ion Ratio Lower Upper

84 100

49 119.7 94.3 141.5

51 35.9 29.4 44.2

86 63.1 51.4 77.0

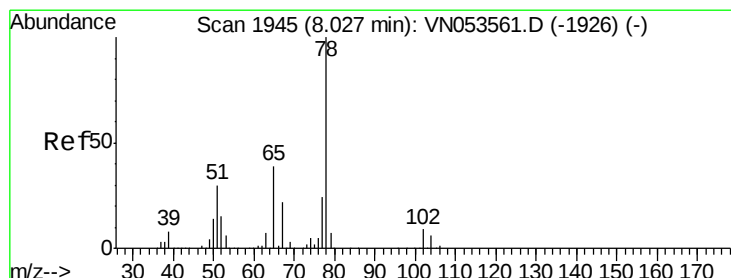
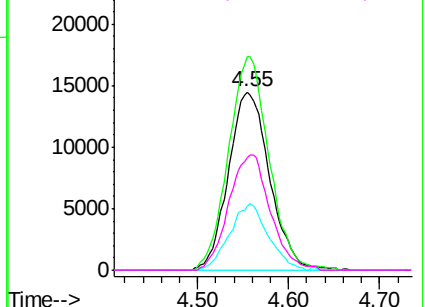
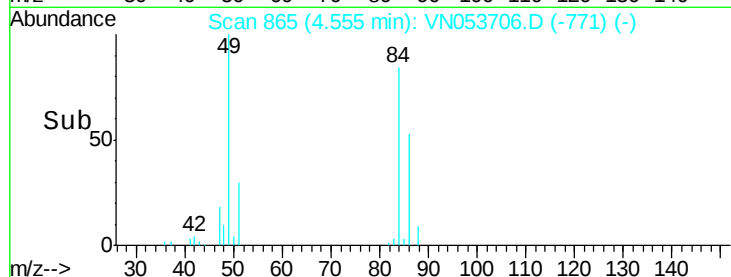


Abundance Ion 83.90 (83.60 to 84.60): VNC

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: 51.684 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053706.D

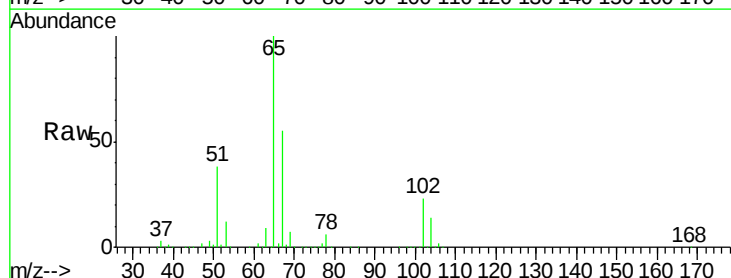
Acq: 11 Feb 2019 15:53

Tgt Ion: 65 Resp: 387488

Ion Ratio Lower Upper

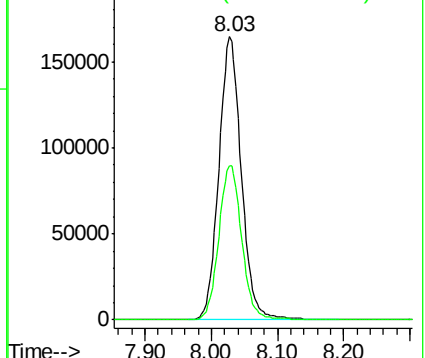
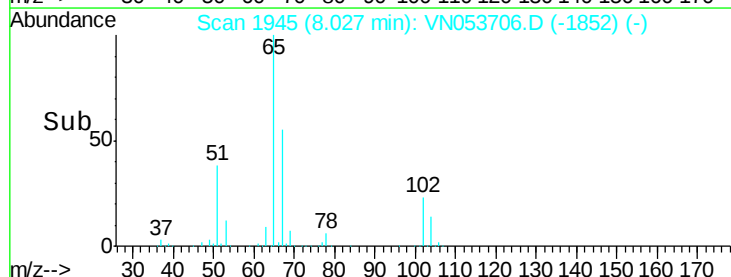
65 100

67 55.3 0.0 111.2



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: VN053706.D

Acq: 11 Feb 2019 15:53

Instrument :

MSVOA_N

ClientSampleId :

SHORE-RD-BOX-CULVERT-TP

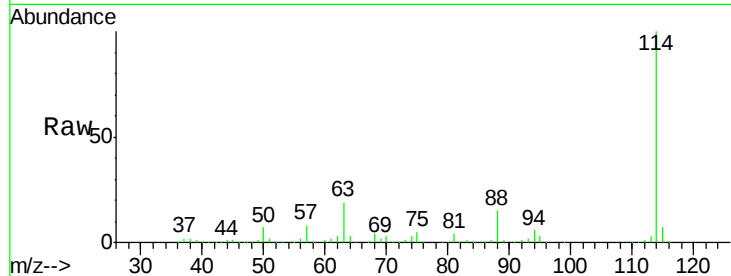
Tot Ion:114 Resp: 1198779

Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.6

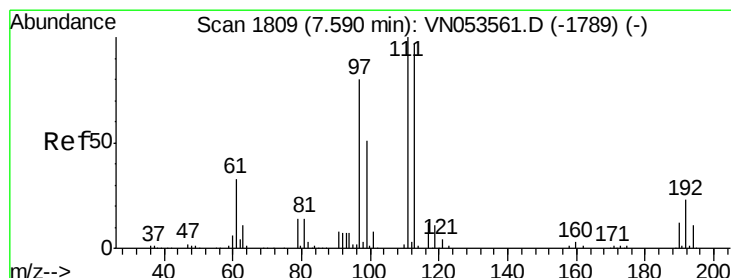
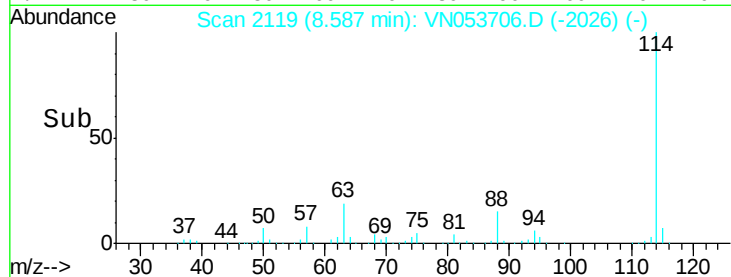
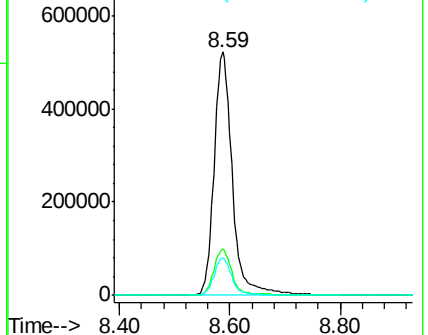
88 15.4 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.098 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053706.D

Acq: 11 Feb 2019 15:53

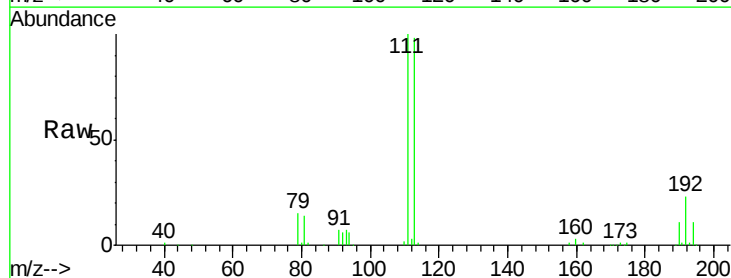
Tgt Ion:113 Resp: 379477

Ion Ratio Lower Upper

113 100

111 102.4 81.1 121.7

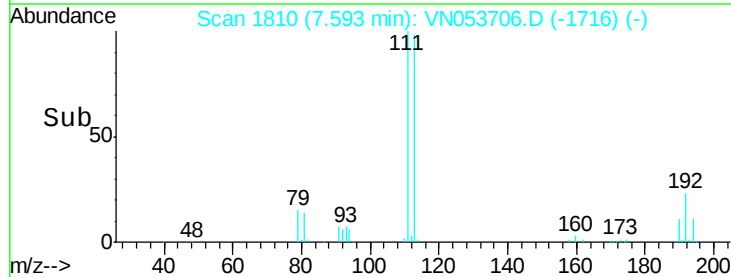
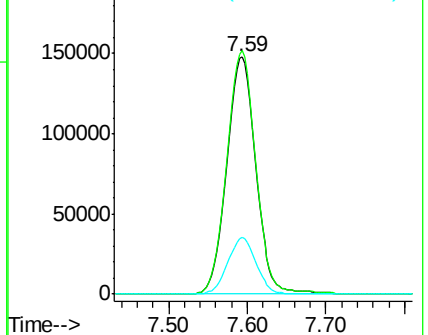
192 23.3 18.2 27.2

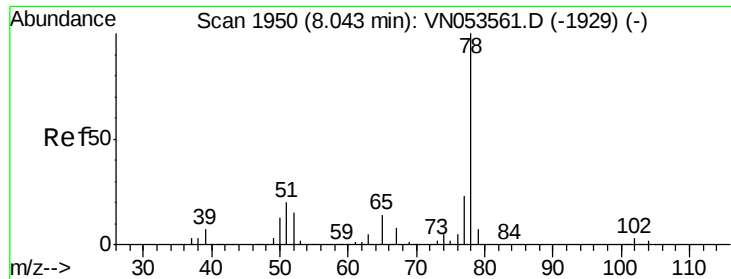


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#40

Benzene

Concen: 1.360 ug/l

RT: 8.05 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VN053706.D

Acq: 11 Feb 2019 15:53

Instrument :

MSVOA_N

ClientSampleId :

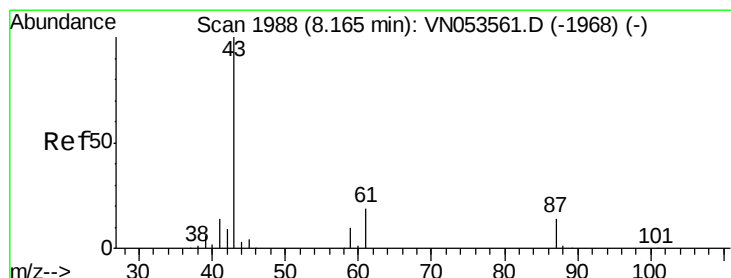
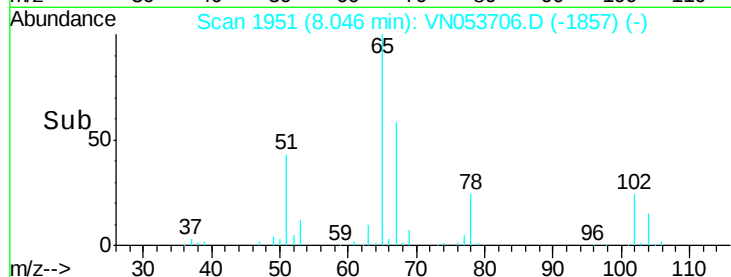
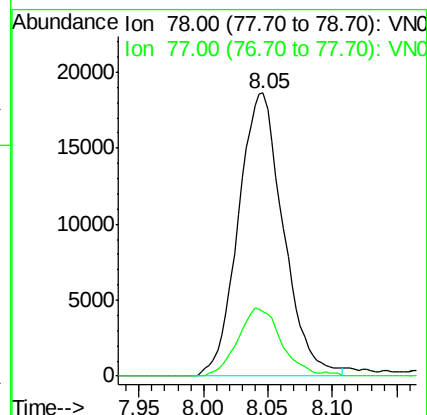
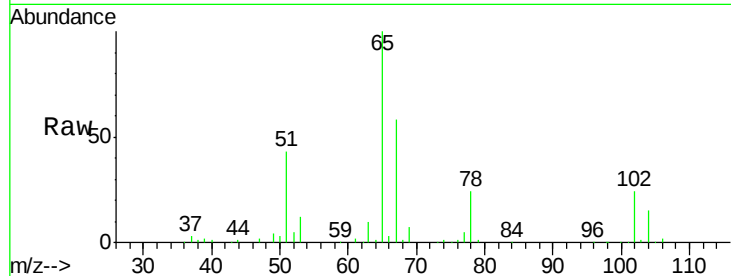
SHORE-RD-BOX-CULVERT-TP

Tot Ion: 78 Resp: 45305

Ion Ratio Lower Upper

78 100

77 22.6 18.8 28.2



#43

Isopropyl Acetate

Concen: 2.999 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN053706.D

Acq: 11 Feb 2019 15:53

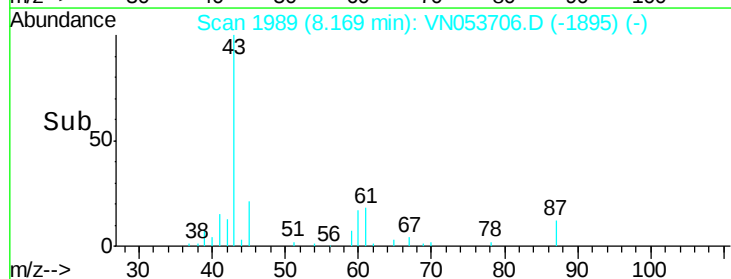
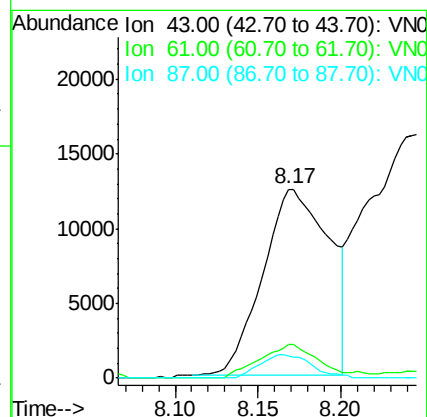
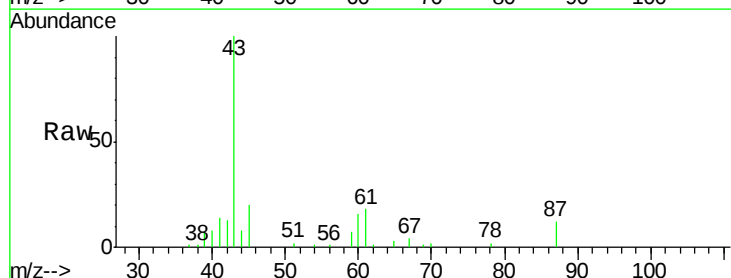
Tgt Ion: 43 Resp: 34956

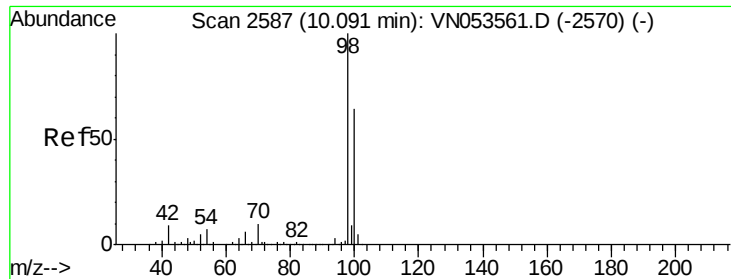
Ion Ratio Lower Upper

43 100

61 15.4 23.9 35.9#

87 9.7 11.0 16.6#





#50

Toluene-d8

Concen: 51.272 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053706.D

Acq: 11 Feb 2019 15:53

Instrument :

MSVOA_N

ClientSampleId :

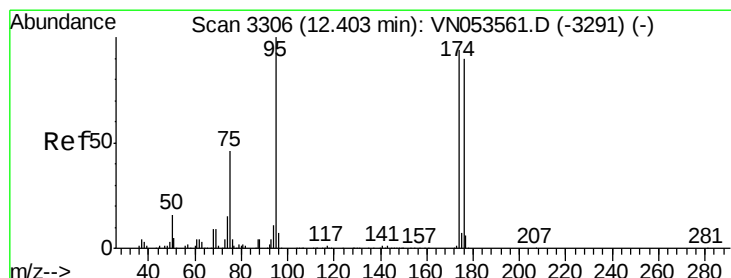
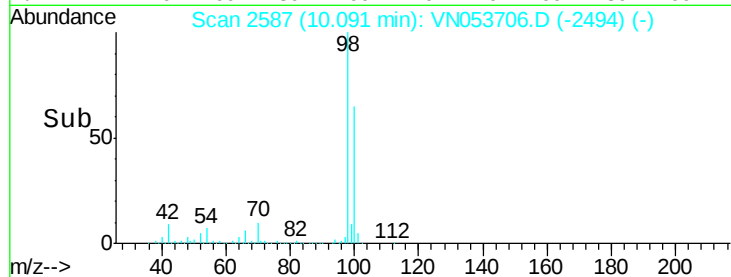
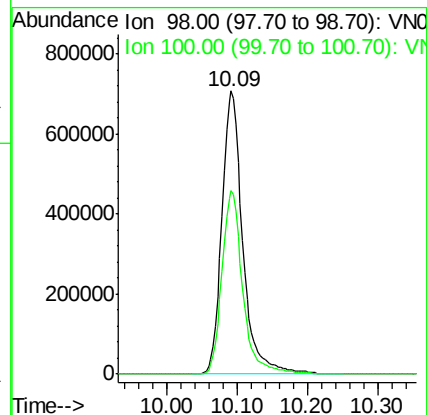
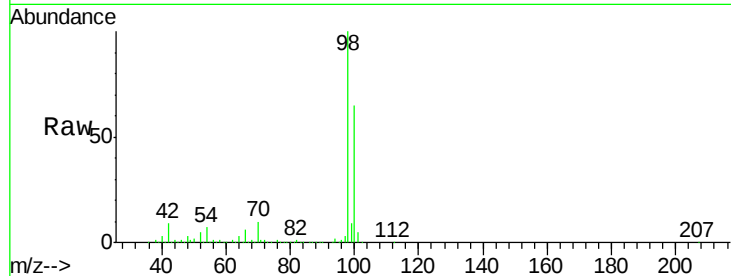
SHORE-RD-BOX-CULVERT-TP

Tot Ion: 98 Resp: 1458270

Ion Ratio Lower Upper

98 100

100 64.8 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 49.586 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053706.D

Acq: 11 Feb 2019 15:53

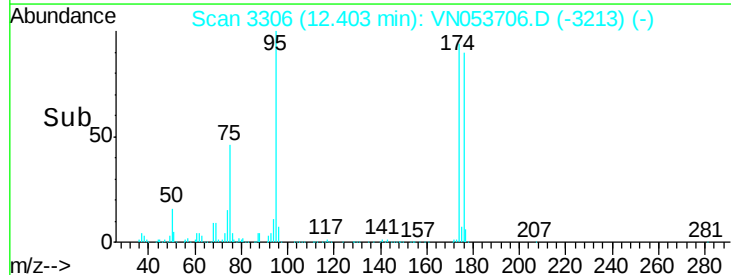
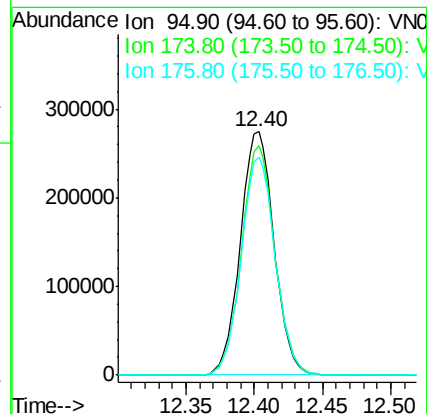
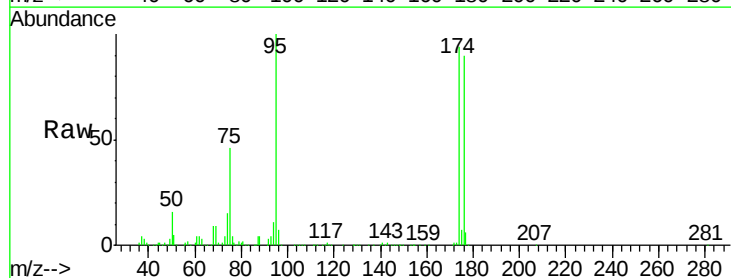
Tgt Ion: 95 Resp: 470360

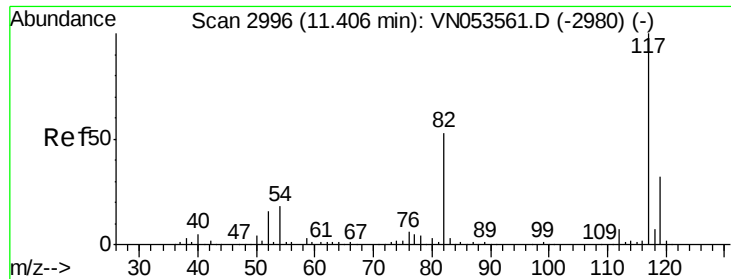
Ion Ratio Lower Upper

95 100

174 93.1 0.0 183.2

176 90.1 0.0 177.4

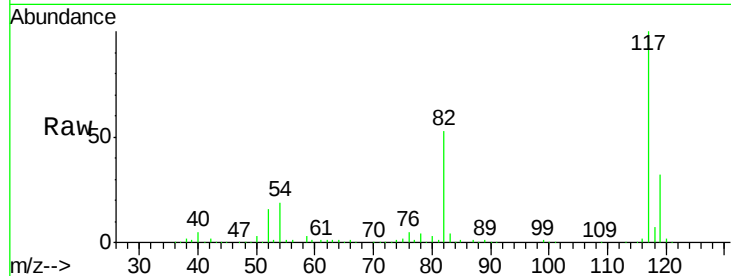




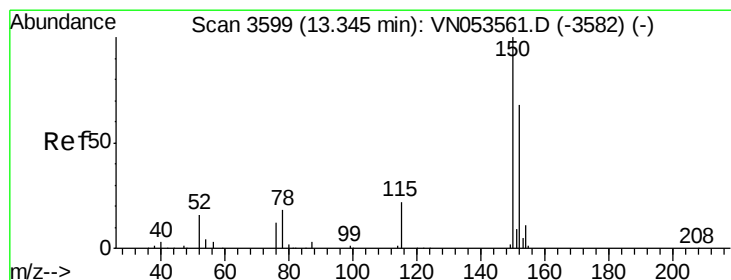
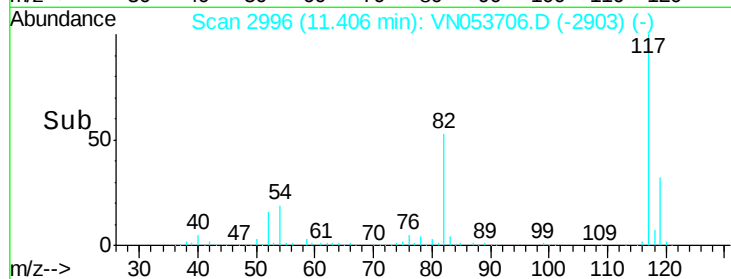
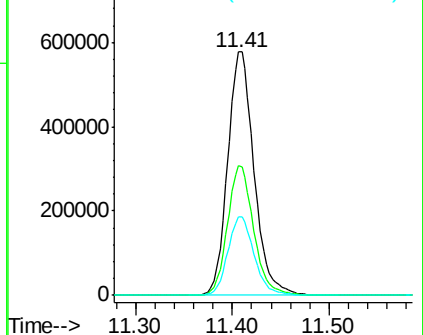
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053706.D
Acq: 11 Feb 2019 15:53

Instrument :
MSVOA_N
ClientSampleId :
SHORE-RD-BOX-CULVERT-TP

Tot Ion:117 Resp: 1091570
Ion Ratio Lower Upper
117 100
82 53.4 42.9 64.3
119 32.0 26.0 39.0

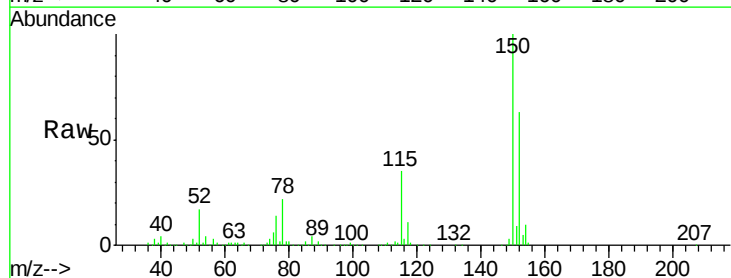


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053706.D
Acq: 11 Feb 2019 15:53

Tgt Ion:152 Resp: 432501
Ion Ratio Lower Upper
152 100
115 54.9 27.8 83.4
150 158.5 0.0 349.0



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

