

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101818\
 Data File : VN051930.D
 Acq On : 18 Oct 2018 21:22
 Operator : MD\SY
 Sample : PB113908ZHE#11
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113908ZHE#11

Quant Time: Oct 19 07:49:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101718W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 19 05:11:28 2018
 Response via : Initial Calibration

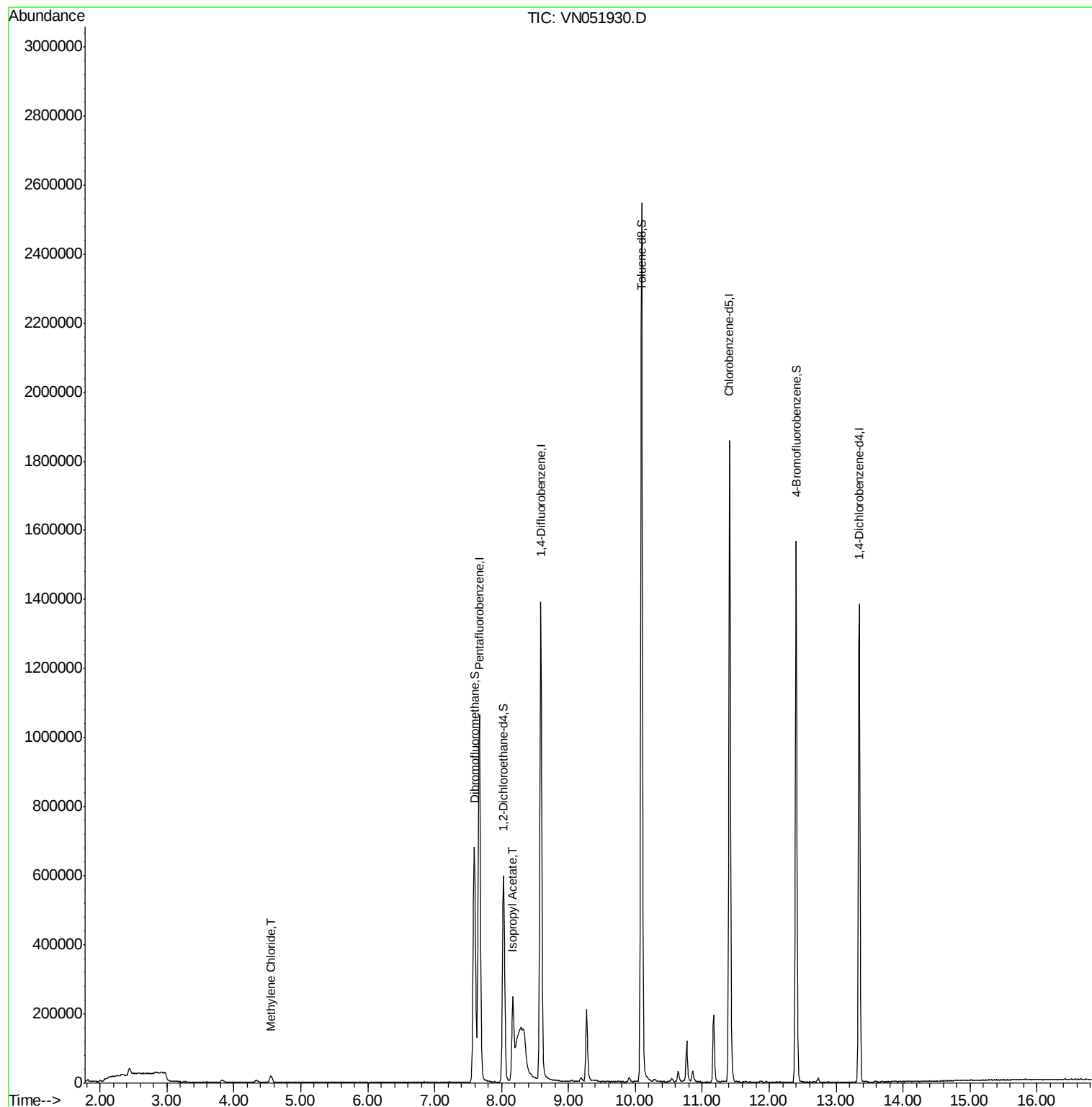
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	939315	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1377110	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1200246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	399099	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	515381	59.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.36%	
35) Dibromofluoromethane	7.59	113	513186	58.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.26%	
50) Toluene-d8	10.09	98	1872566	58.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.54%	
62) 4-Bromofluorobenzene	12.40	95	516927	48.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.22%	
Target Compounds						
20) Methylene Chloride	4.55	84	14220	1.81	ug/l	92
43) Isopropyl Acetate	8.17	43	289785	29.29	ug/l #	84

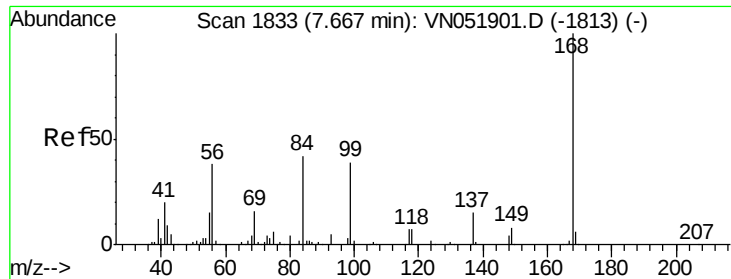
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN051930.D

Acq: 18 Oct 2018 21:22

Instrument :

MSVOA_N

ClientSampleId :

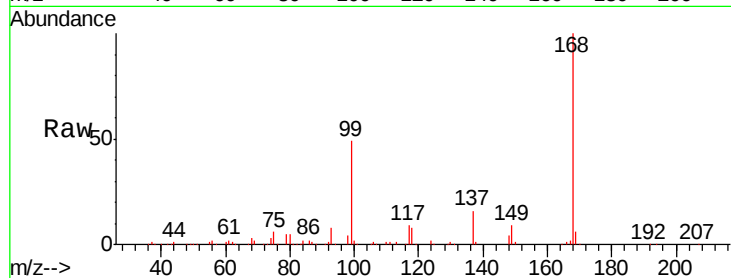
PB113908ZHE#11

Tgt Ion:168 Resp: 939315

Ion Ratio Lower Upper

168 100

99 48.5 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

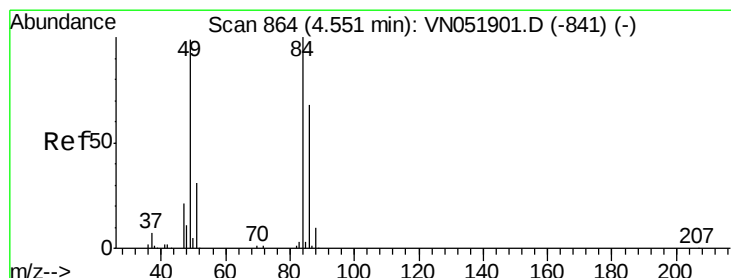
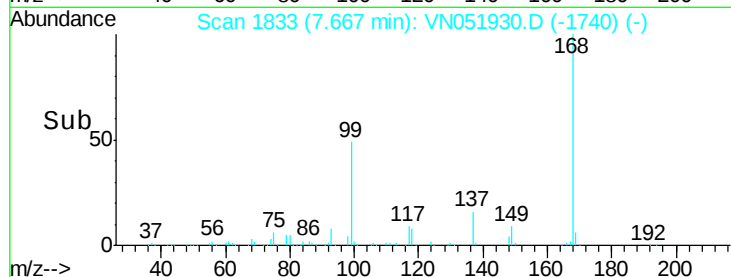
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 1.81 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN051930.D

Acq: 18 Oct 2018 21:22

Tgt Ion: 84 Resp: 14220

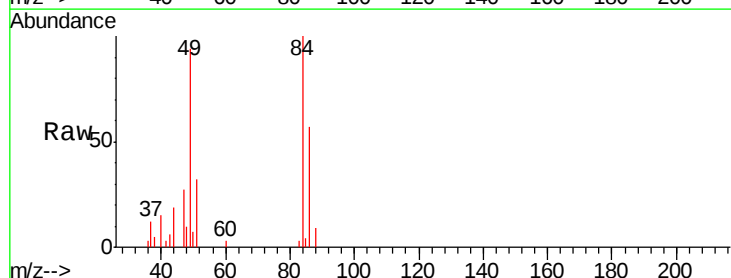
Ion Ratio Lower Upper

84 100

49 94.0 79.0 118.4

51 32.0 24.9 37.3

86 56.5 54.6 82.0



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

4.55

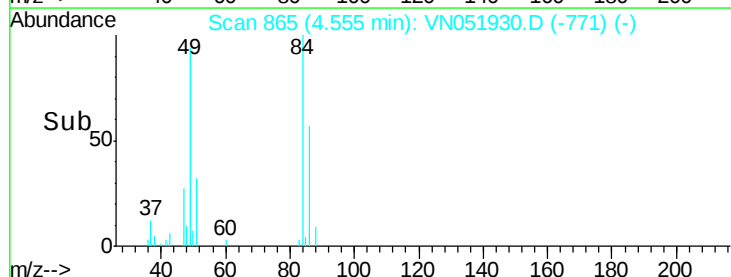
6000

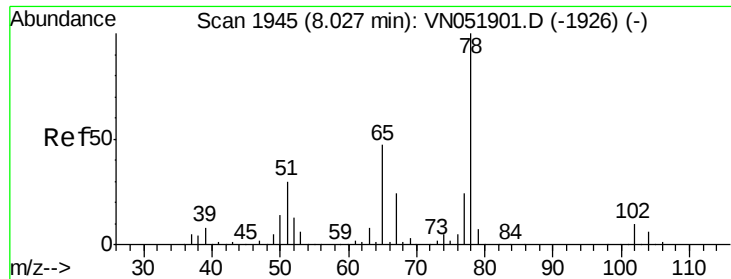
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051930.D

Acq: 18 Oct 2018 21:22

Instrument :

MSVOA_N

ClientSampleId :

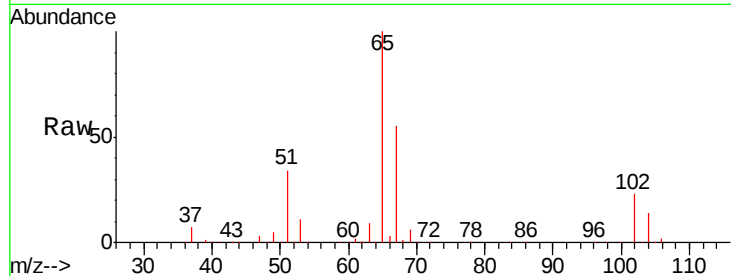
PB113908ZHE#11

Tgt Ion: 65 Resp: 515381

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN051901.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN051901.D (-1926) (-)

8.03

250000

200000

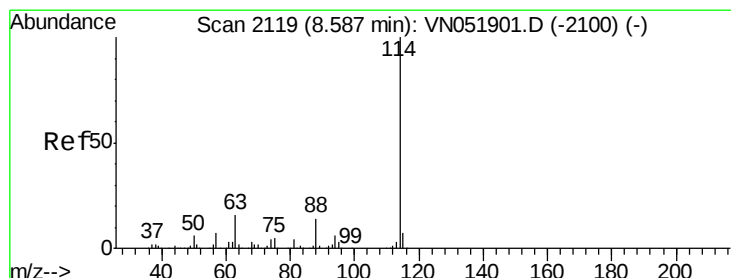
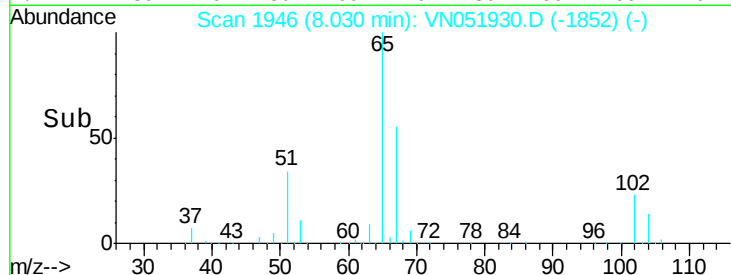
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN051930.D

Acq: 18 Oct 2018 21:22

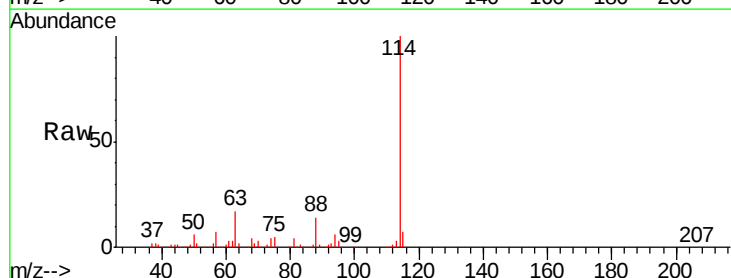
Tgt Ion: 114 Resp: 1377110

Ion Ratio Lower Upper

114 100

63 17.1 0.0 31.8

88 14.3 0.0 28.0



Abundance Ion 113.90 (113.60 to 114.60): VN051901.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN051901.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN051901.D (-2100) (-)

8.59

800000

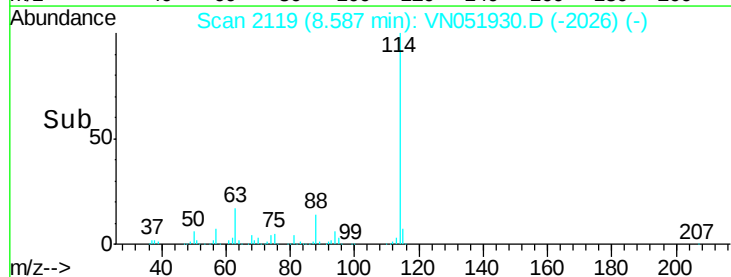
600000

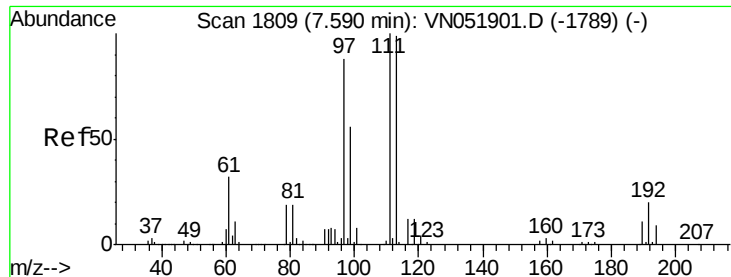
400000

200000

0

Time-->





#35

Dibromofluoromethane

Concen: 50.00 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN051930.D

Acq: 18 Oct 2018 21:22

Instrument :
MSVOA_N
ClientSampleId :
PB113908ZHE#11

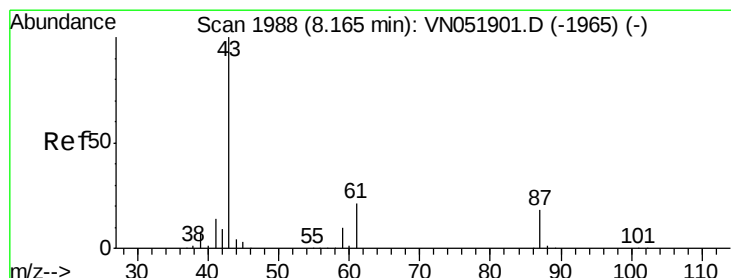
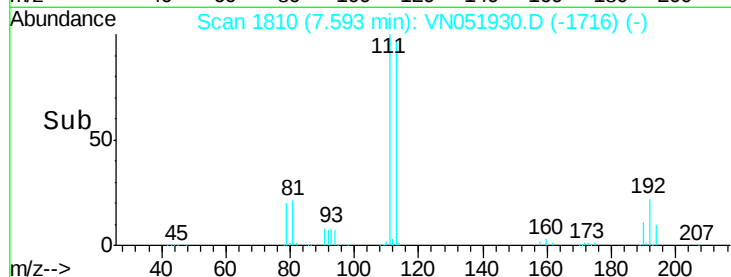
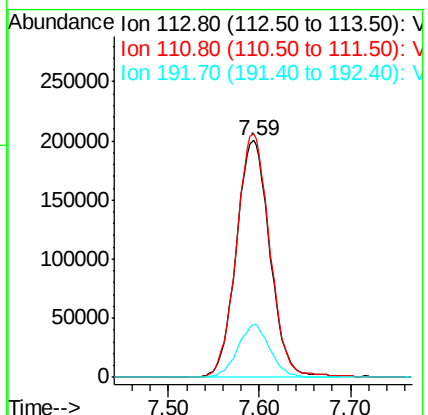
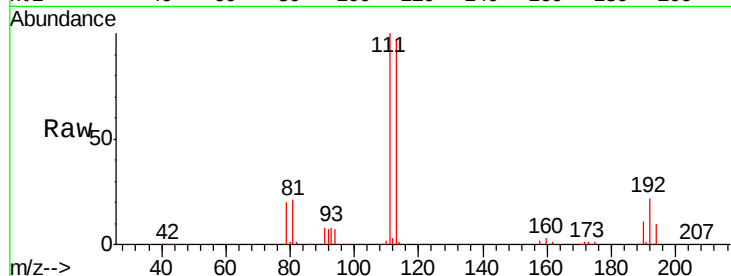
Tgt Ion:113 Resp: 513186

Ion Ratio Lower Upper

113 100

111 102.1 82.6 123.8

192 21.4 17.3 25.9



#43

Isopropyl Acetate

Concen: 29.29 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051930.D

Acq: 18 Oct 2018 21:22

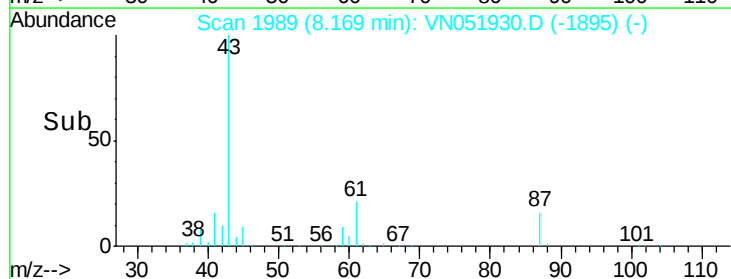
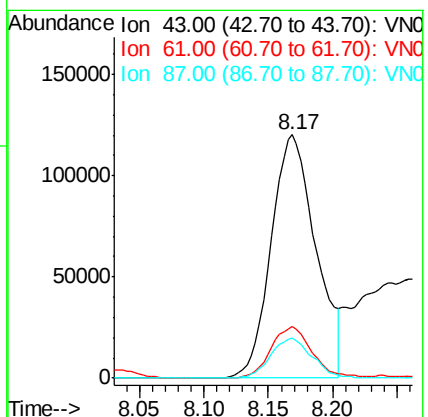
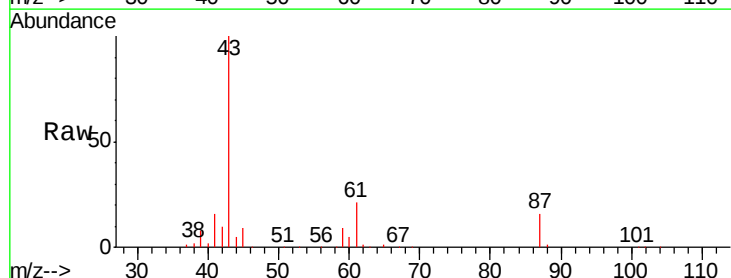
Tgt Ion: 43 Resp: 289785

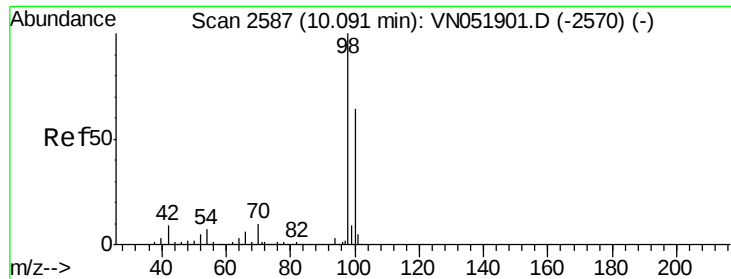
Ion Ratio Lower Upper

43 100

61 19.5 24.9 37.3#

87 15.3 14.6 22.0





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051930.D

Acq: 18 Oct 2018 21:22

Instrument :

MSVOA_N

ClientSampleId :

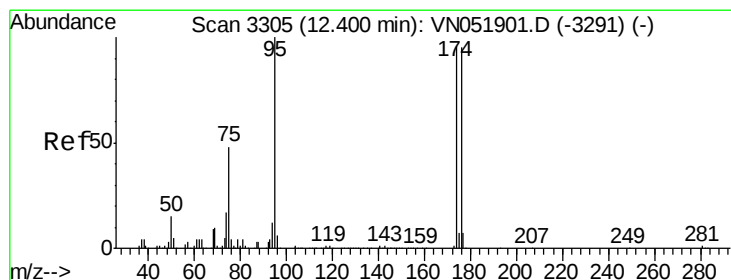
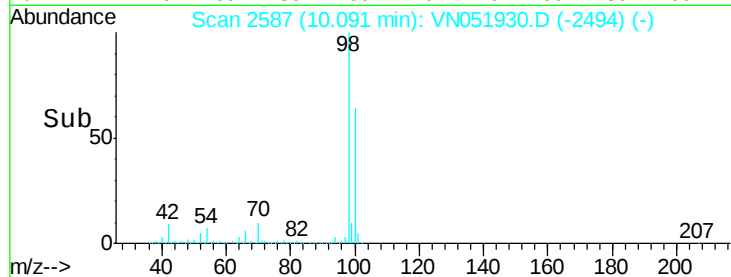
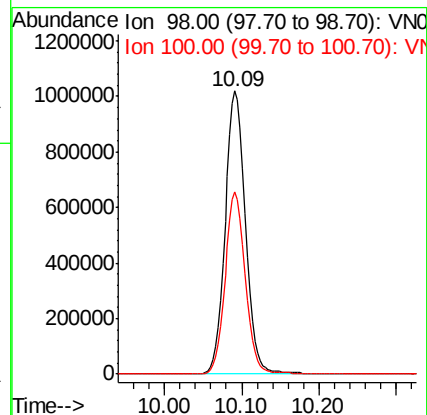
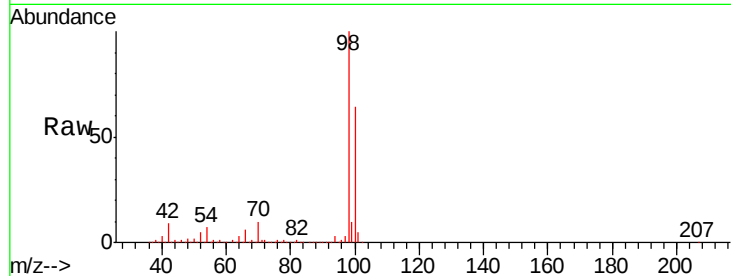
PB113908ZHE#11

Tgt Ion: 98 Resp: 1872566

Ion Ratio Lower Upper

98 100

100 64.0 51.0 76.4



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051930.D

Acq: 18 Oct 2018 21:22

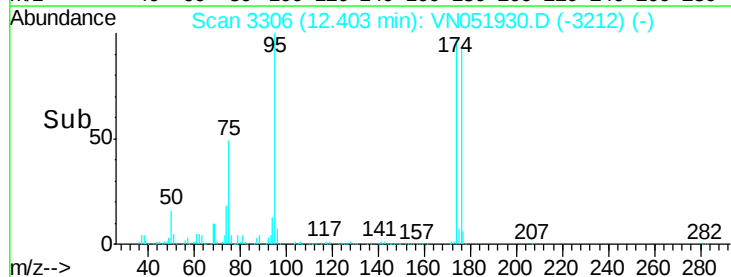
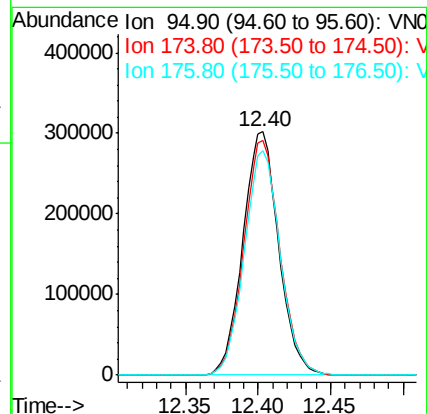
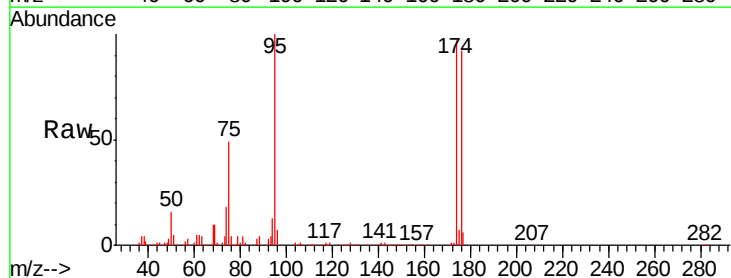
Tgt Ion: 95 Resp: 516927

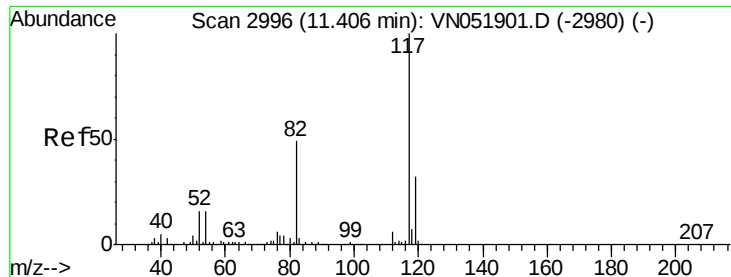
Ion Ratio Lower Upper

95 100

174 97.5 0.0 195.0

176 93.2 0.0 191.4

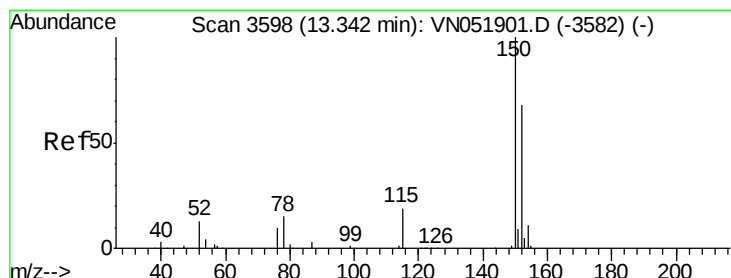
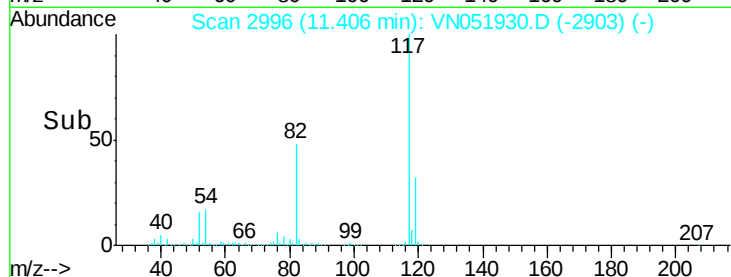
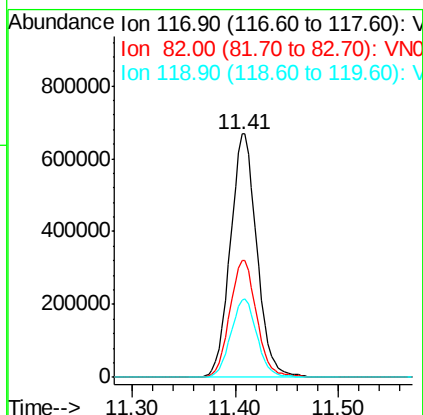
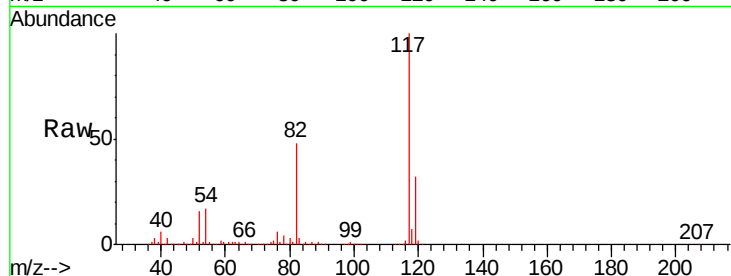




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051930.D
Acq: 18 Oct 2018 21:22

Instrument :
MSVOA_N
ClientSampleId :
PB113908ZHE#11

Tgt Ion:117 Resp: 1200246
Ion Ratio Lower Upper
117 100
82 48.1 38.9 58.3
119 31.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051930.D
Acq: 18 Oct 2018 21:22

Tgt Ion:152 Resp: 399099
Ion Ratio Lower Upper
152 100
115 55.6 26.7 80.1
150 159.1 0.0 346.4

