

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101818\
 Data File : VN051927.D
 Acq On : 18 Oct 2018 20:02
 Operator : MD\SY
 Sample : PB113908ZHE#08
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 PB113908ZHE#08

Quant Time: Oct 19 07:31:19 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

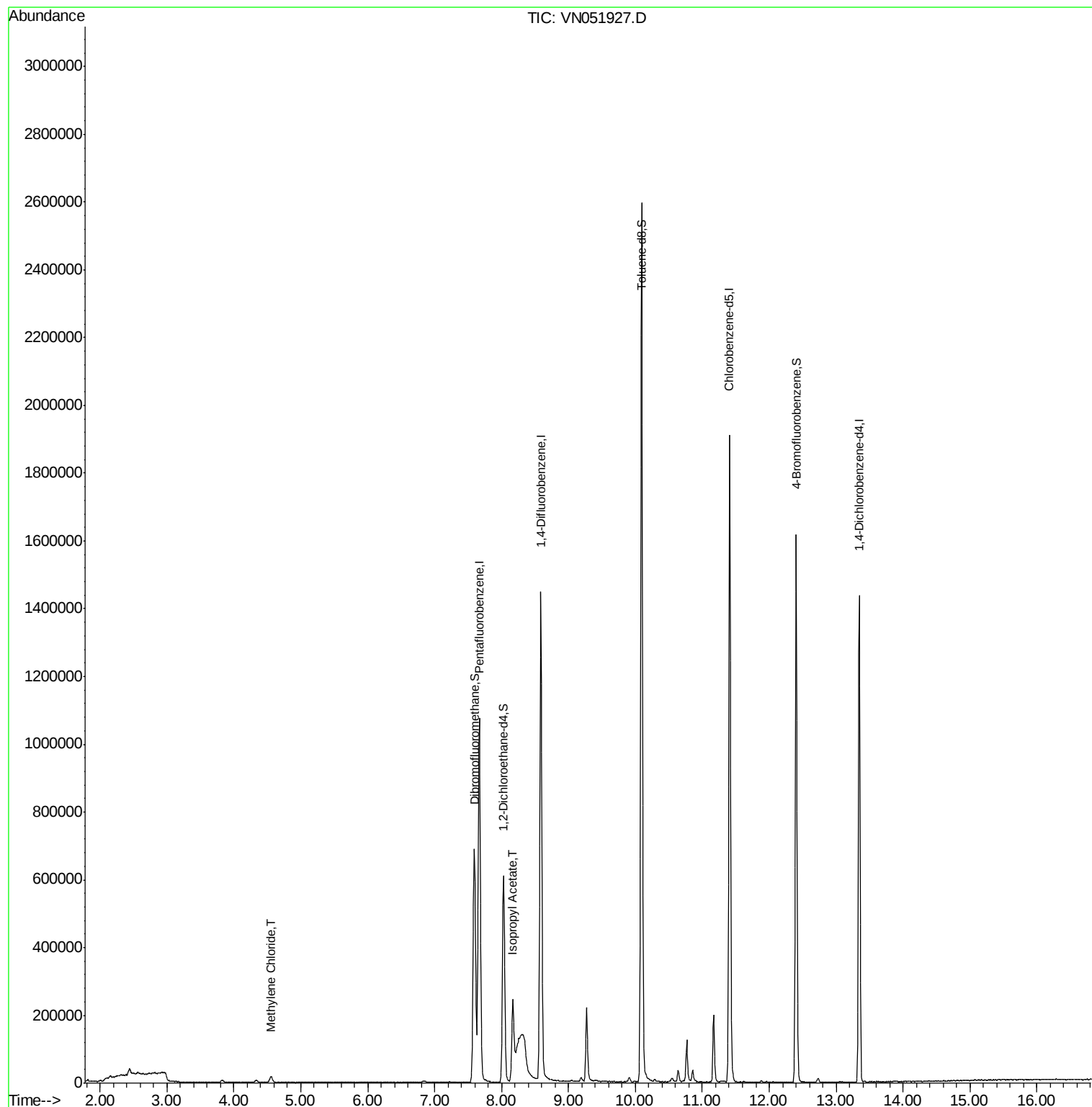
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	962545	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1430804	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1240586	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	419246	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	531668	59.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.16%	
35) Dibromofluoromethane	7.59	113	536528	59.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.00%	
50) Toluene-d8	10.09	98	1936777	58.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.02%	
62) 4-Bromofluorobenzene	12.40	95	537476	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
Target Compounds						
20) Methylene Chloride	4.56	84	13389	1.67	ug/l #	85
43) Isopropyl Acetate	8.17	43	301117	29.30	ug/l #	84

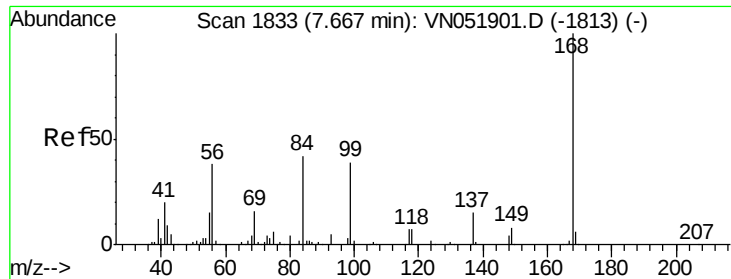
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051927.D

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MSVOA_N

ClientSampleId :

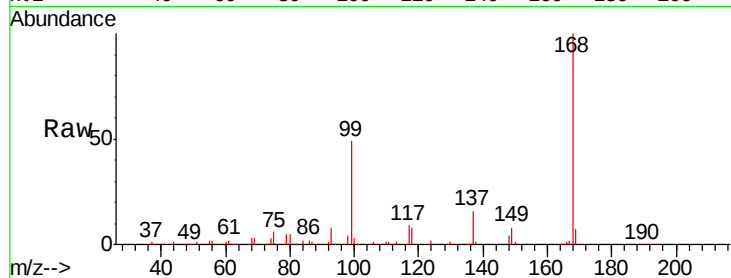
PB113908ZHE#08

Tgt Ion:168 Resp: 962545

Ion Ratio Lower Upper

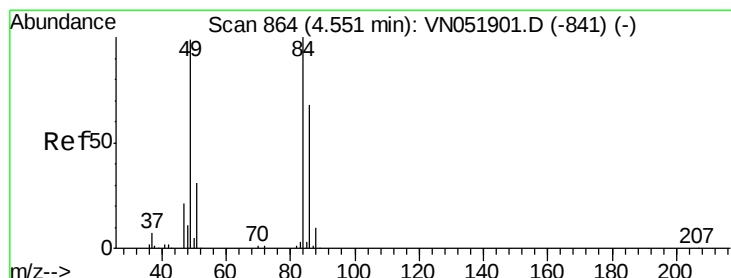
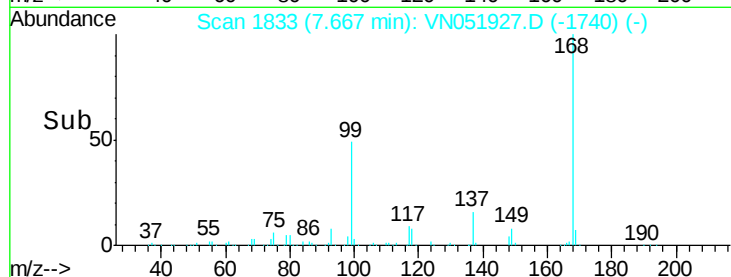
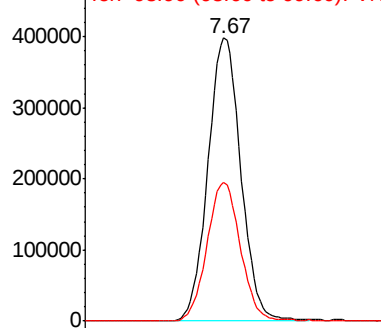
168 100

99 49.1 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 1.67 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.01 min

Lab File: VN051927.D

Acq: 18 Oct 2018 20:02

Tgt Ion: 84 Resp: 13389

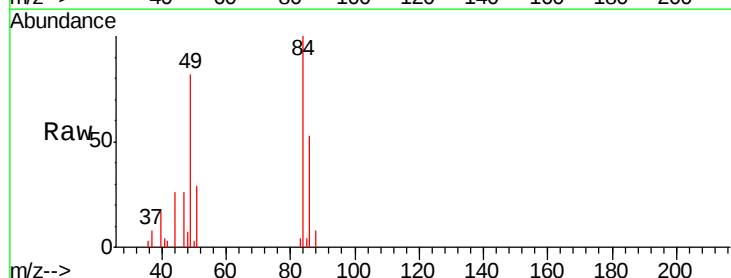
Ion Ratio Lower Upper

84 100

49 82.2 79.0 118.4

51 29.0 24.9 37.3

86 53.4 54.6 82.0#

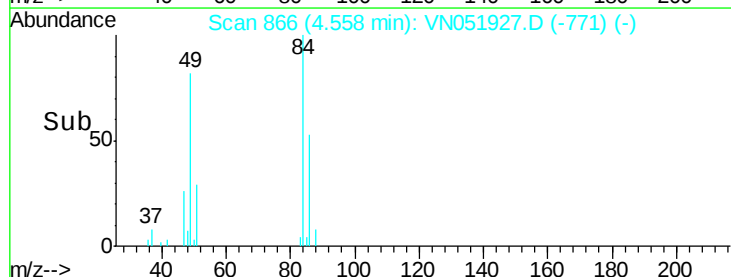
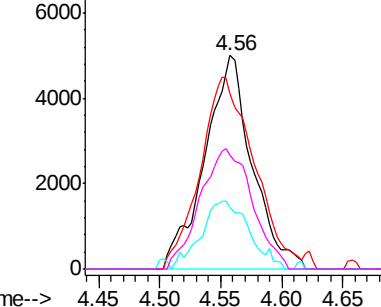


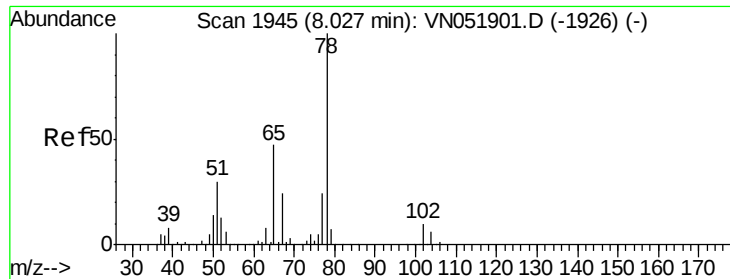
Abundance Ion 83.90 (83.60 to 84.60): VNO

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





#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051927.D

Acq: 18 Oct 2018 20:02

Instrument :

MSVOA_N

ClientSampleId :

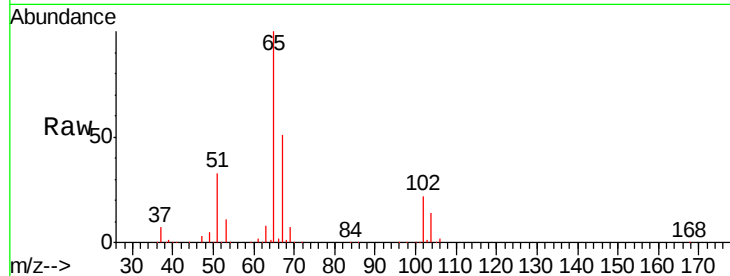
PB113908ZHE#08

Tgt Ion: 65 Resp: 531668

Ion Ratio Lower Upper

65 100

67 50.4 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

250000

200000

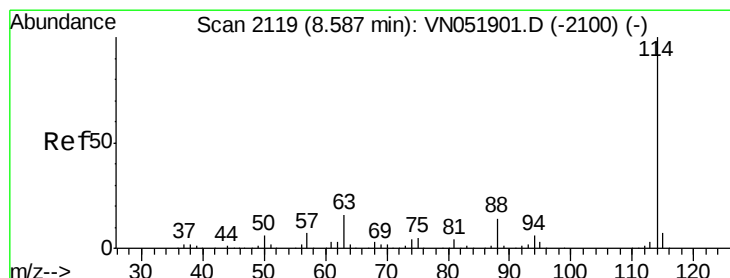
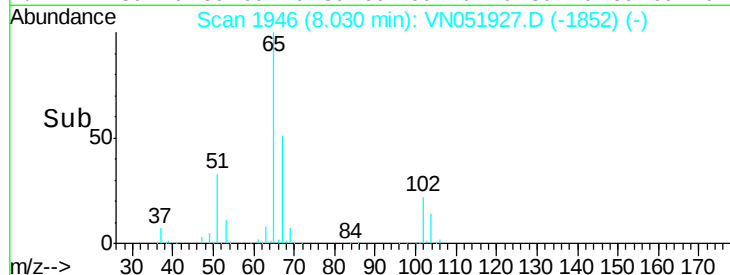
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2120

Delta R.T. 0.00 min

Lab File: VN051927.D

Acq: 18 Oct 2018 20:02

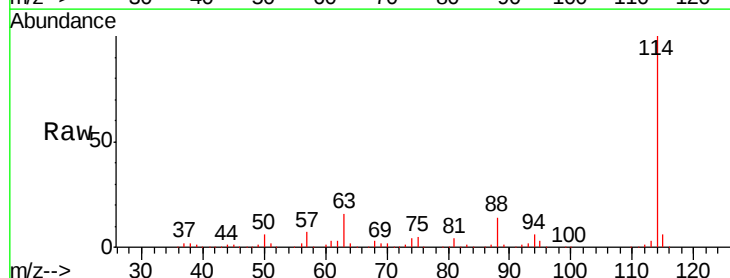
Tgt Ion: 114 Resp: 1430804

Ion Ratio Lower Upper

114 100

63 16.5 0.0 31.8

88 14.1 0.0 28.0



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

8.59

800000

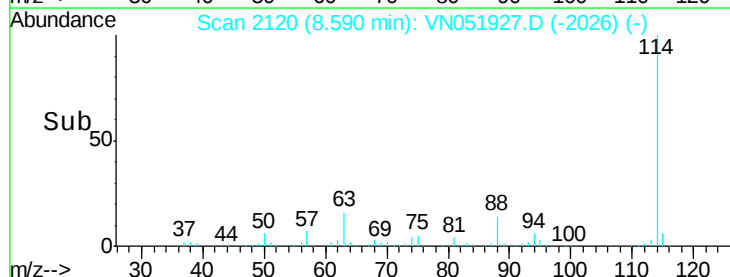
600000

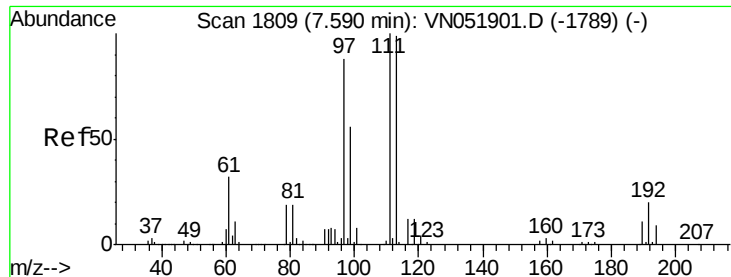
400000

200000

0

Time-->

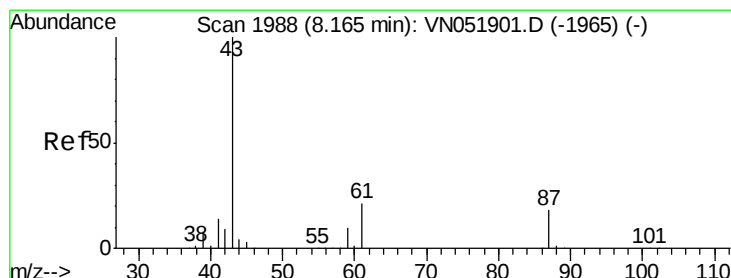
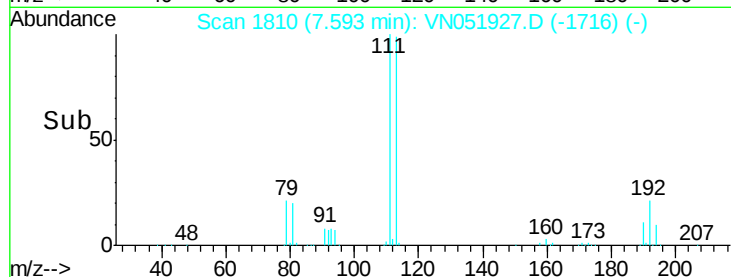
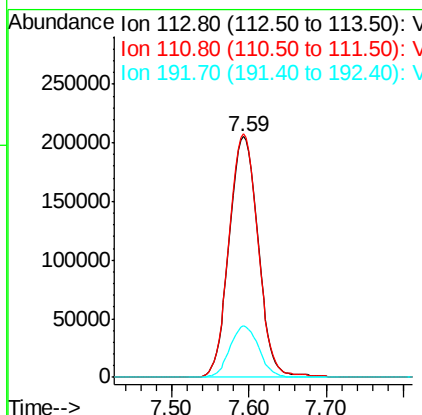
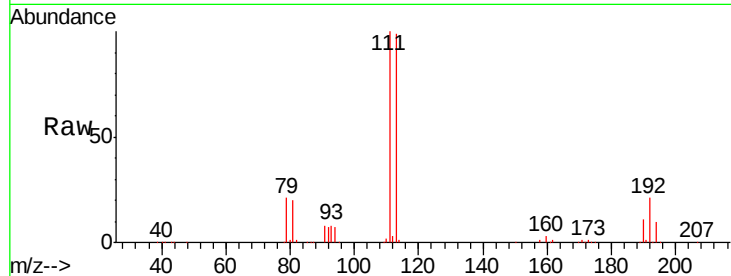




#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051927.D
 Acq: 18 Oct 2018 20:02

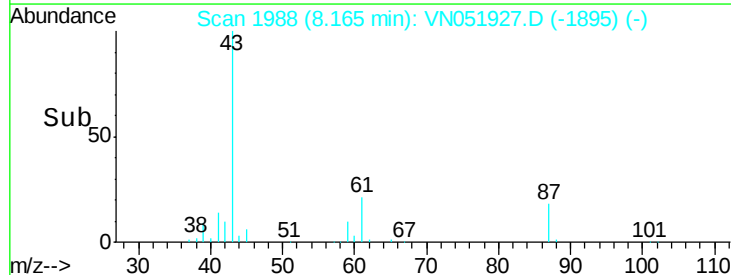
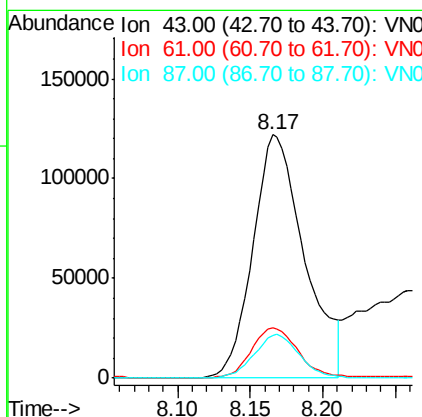
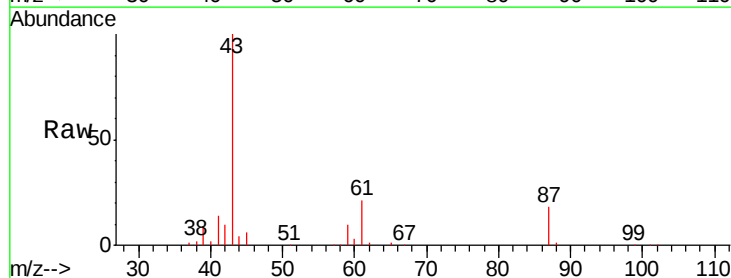
Instrument :
 MSVOA_N
 ClientSampleId :
 PB113908ZHE#08

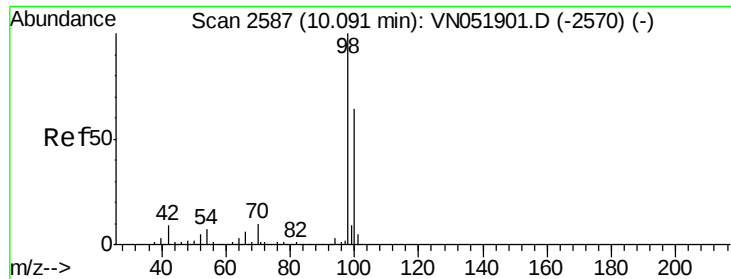
Tgt Ion:113 Resp: 536528
 Ion Ratio Lower Upper
 113 100
 111 100.8 82.6 123.8
 192 21.1 17.3 25.9



#43
 Isopropyl Acetate
 Concen: 29.30 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN051927.D
 Acq: 18 Oct 2018 20:02

Tgt Ion: 43 Resp: 301117
 Ion Ratio Lower Upper
 43 100
 61 18.9 24.9 37.3#
 87 16.0 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: VN051927.D

Acq: 18 Oct 2018 20:02

Instrument :

MSVOA_N

ClientSampleId :

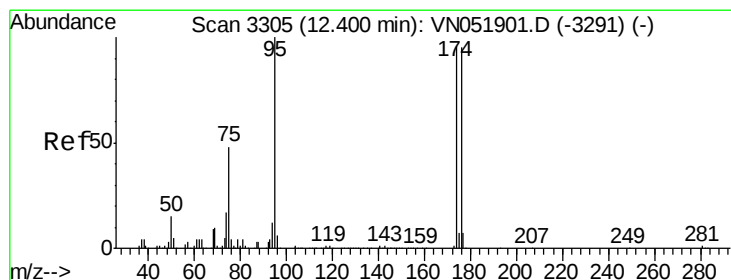
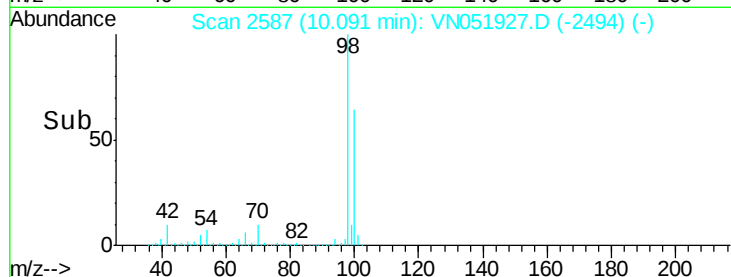
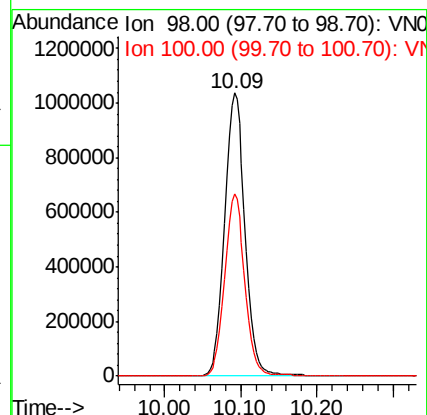
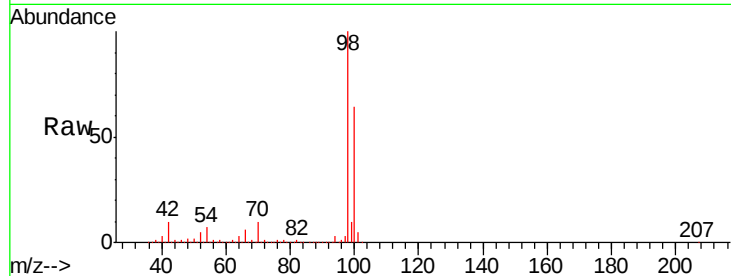
PB113908ZHE#08

Tgt Ion: 98 Resp: 1936777

Ion Ratio Lower Upper

98 100

100 63.4 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: VN051927.D

Acq: 18 Oct 2018 20:02

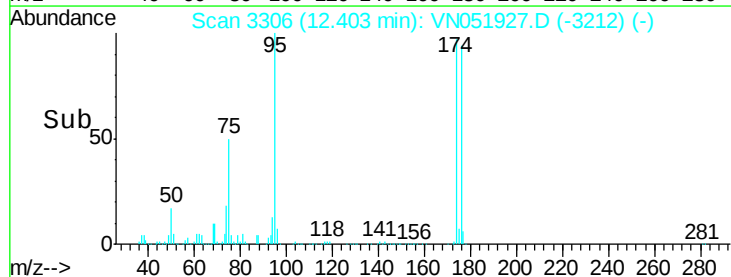
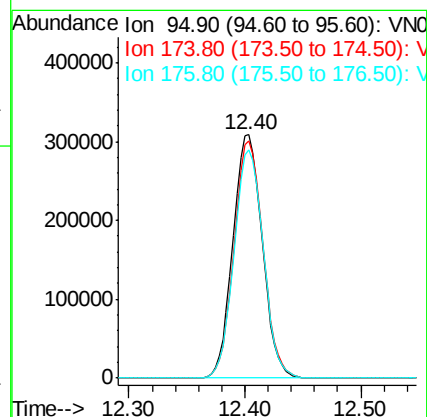
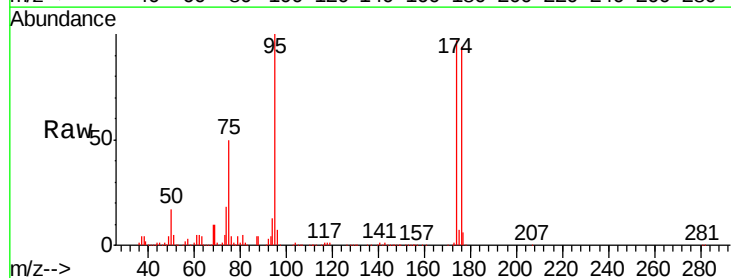
Tgt Ion: 95 Resp: 537476

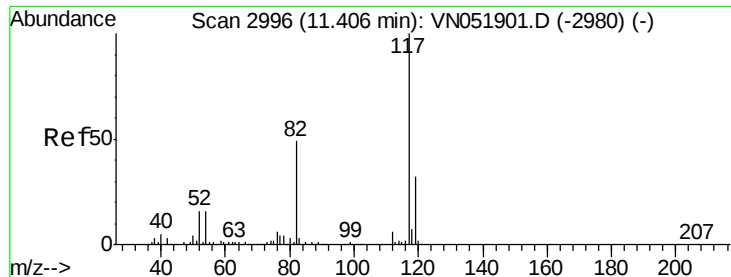
Ion Ratio Lower Upper

95 100

174 96.7 0.0 195.0

176 93.7 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: VN051927.D

Acq: 18 Oct 2018 20:02

Instrument :

MSVOA_N

ClientSampleId :

PB113908ZHE#08

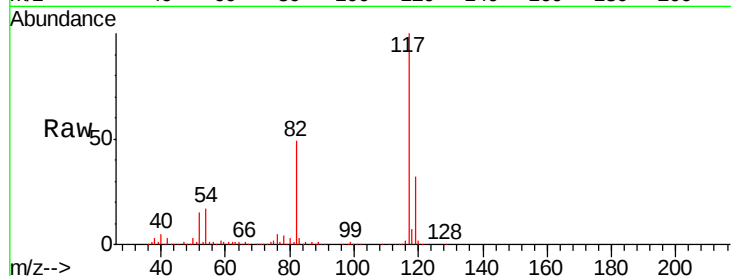
Tgt Ion:117 Resp: 1240586

Ion Ratio Lower Upper

117 100

82 48.6 38.9 58.3

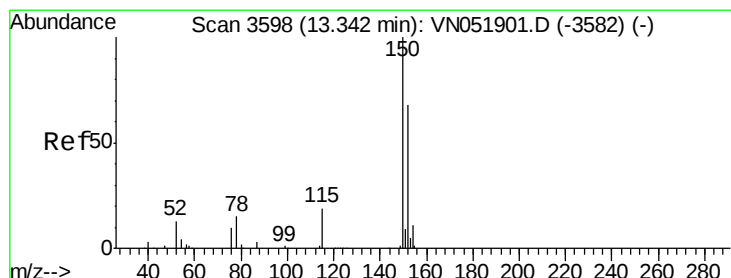
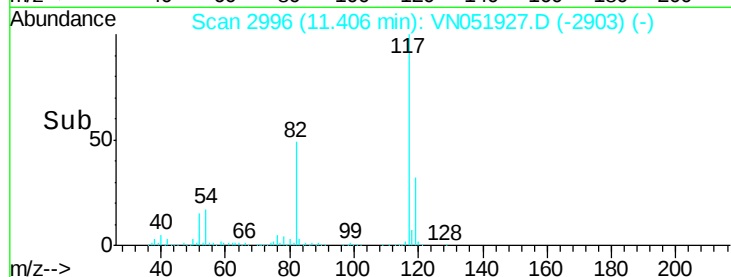
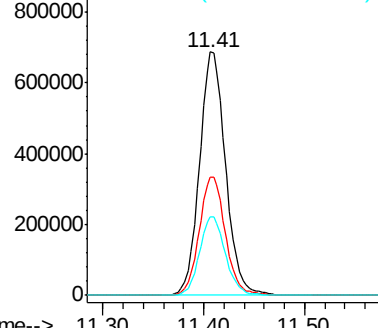
119 32.4 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051927.D

Acq: 18 Oct 2018 20:02

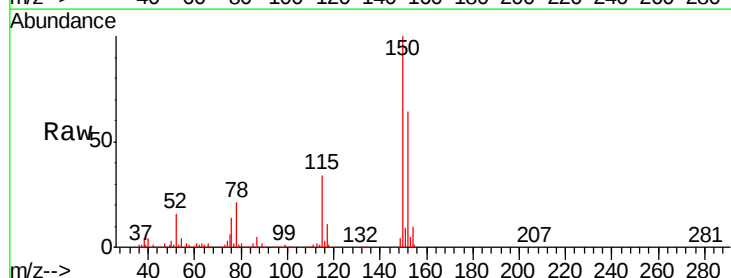
Tgt Ion:152 Resp: 419246

Ion Ratio Lower Upper

152 100

115 53.7 26.7 80.1

150 157.6 0.0 346.4



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

