

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091918\
 Data File : VN051326.D
 Acq On : 19 Sep 2018 18:07
 Operator : MD\SY
 Sample : J4979-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GROUND-WATER

Quant Time: Sep 20 02:27:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 18 06:04:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	517796	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	802009	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	660097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	216906	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	292750	52.02	ug/l	0.00
Spiked Amount						
			Recovery	=	104.04%	
35) Dibromofluoromethane	7.59	113	305244	48.98	ug/l	0.00
Spiked Amount						
			Recovery	=	97.96%	
50) Toluene-d8	10.09	98	1062352	46.12	ug/l	0.00
Spiked Amount						
			Recovery	=	92.24%	
62) 4-Bromofluorobenzene	12.40	95	283991	38.76	ug/l	0.00
Spiked Amount						
			Recovery	=	77.52%	

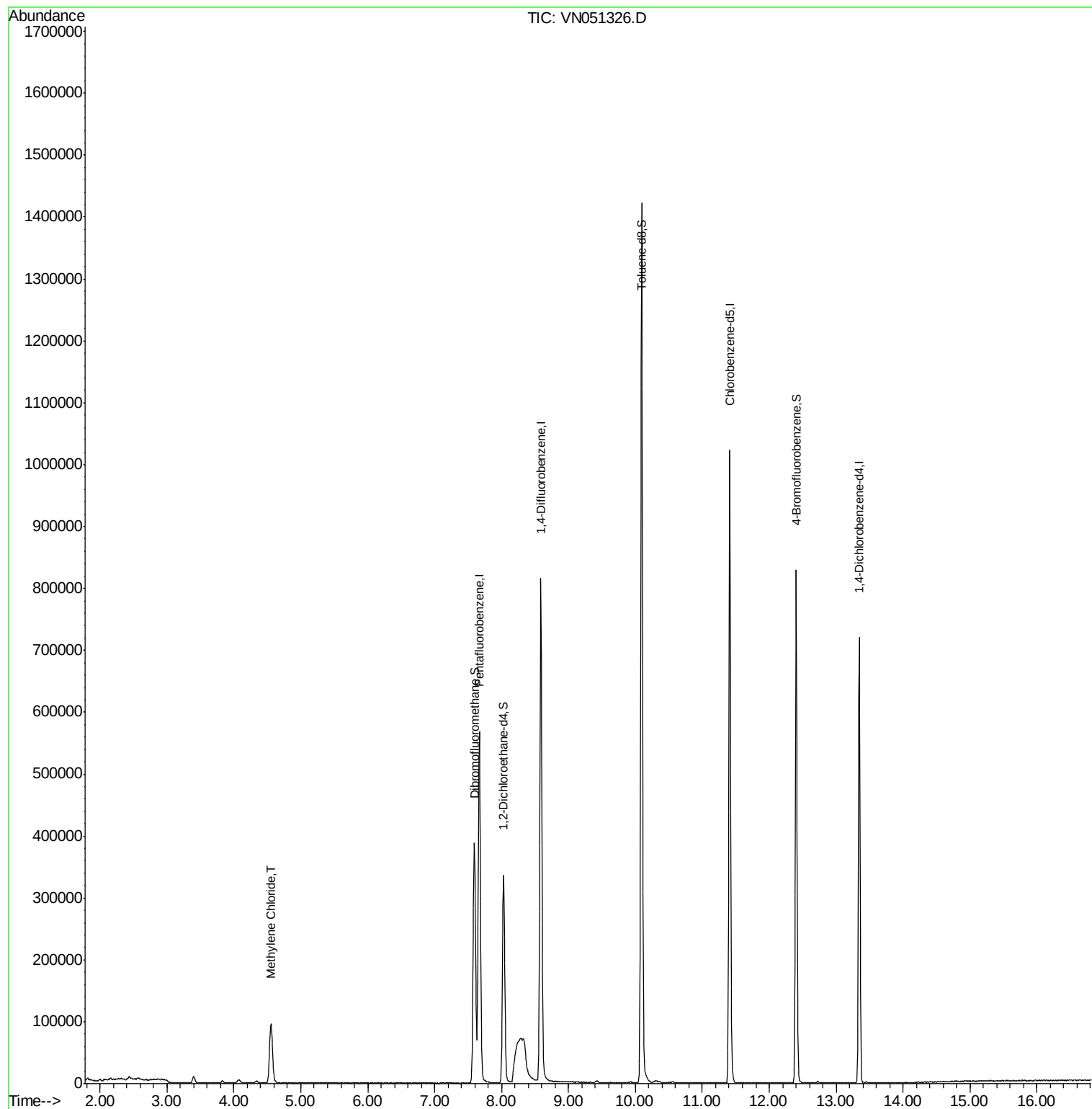
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.55	84	79946	12.98	ug/l	99

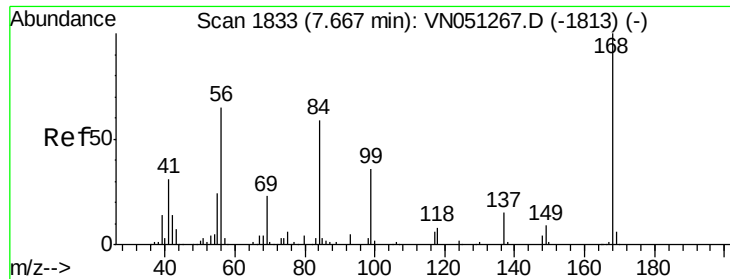
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051326.D

Acq: 19 Sep 2018 18:07

Instrument :

MSVOA_N

ClientSampleId :

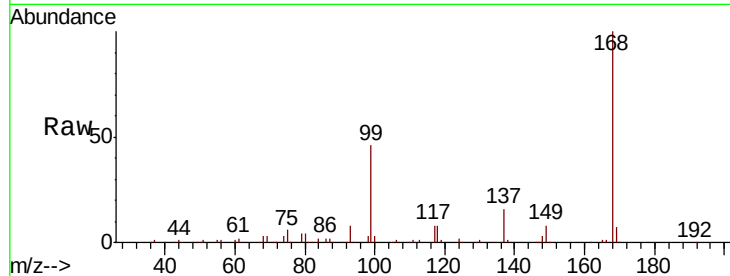
GROUND-WATER

Tot Ion:168 Resp: 517796

Ion Ratio Lower Upper

168 100

99 45.7 38.2 57.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

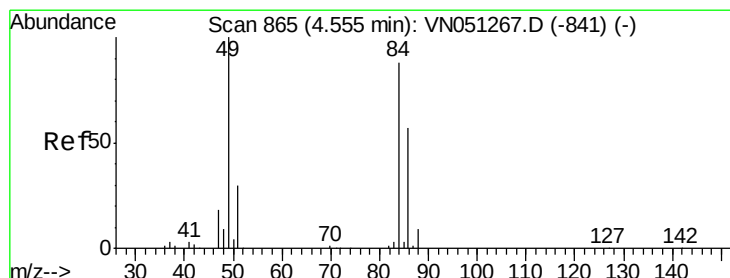
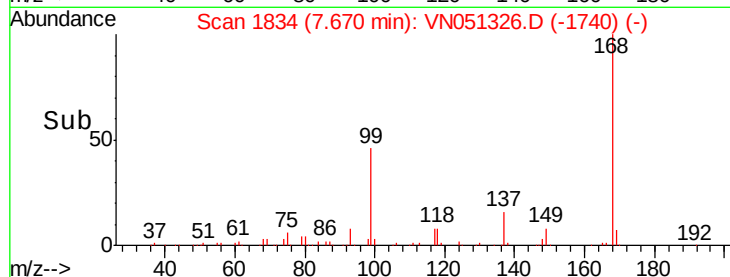
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 12.98 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN051326.D

Acq: 19 Sep 2018 18:07

Tgt Ion: 84 Resp: 79946

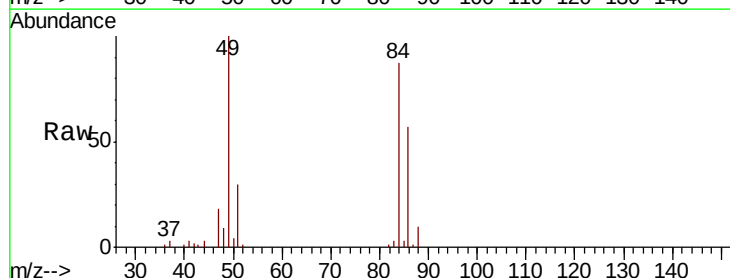
Ion Ratio Lower Upper

84 100

49 115.6 91.2 136.8

51 34.7 27.7 41.5

86 65.3 52.0 78.0



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

40000

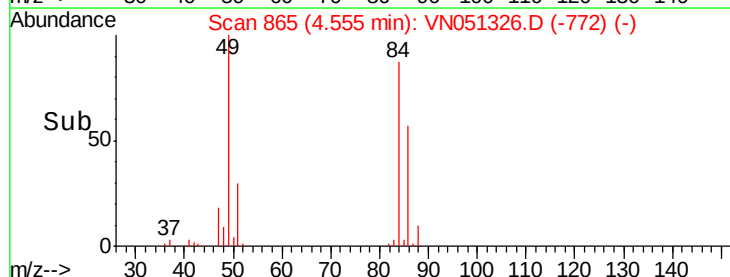
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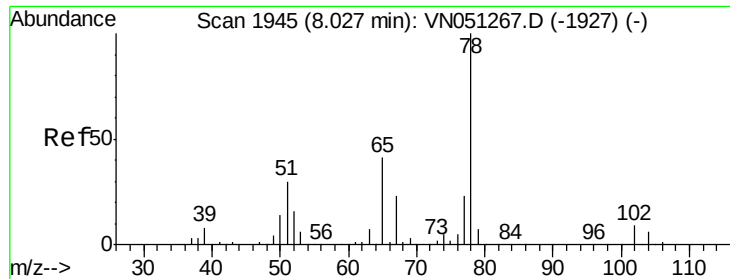
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Time-->

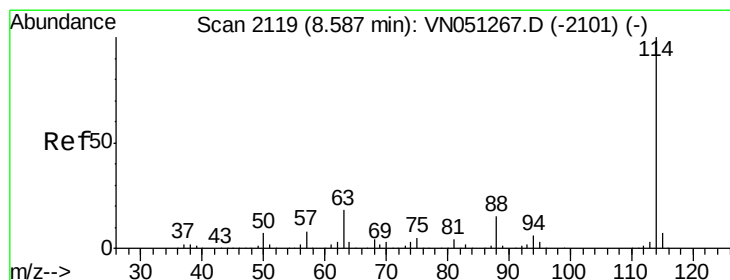
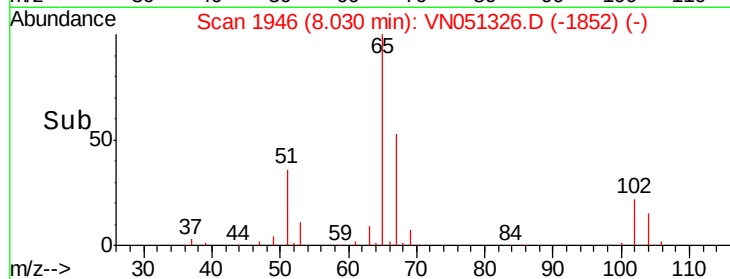
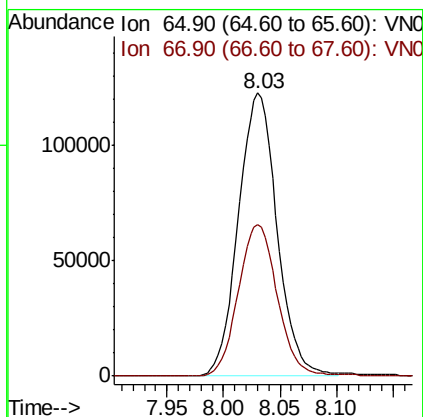
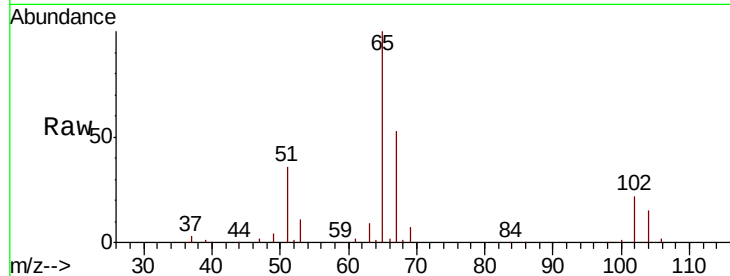




#33
 1,2-Dichloroethane-d4
 Concen: 52.02 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN051326.D
 Acq: 19 Sep 2018 18:07

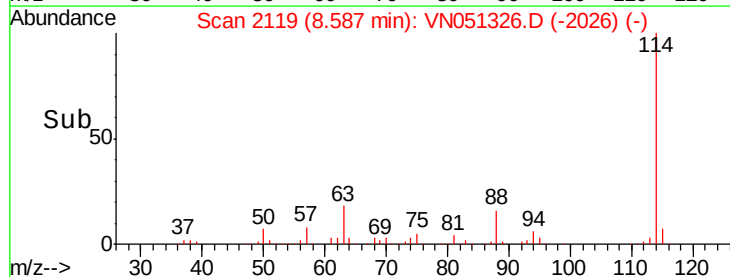
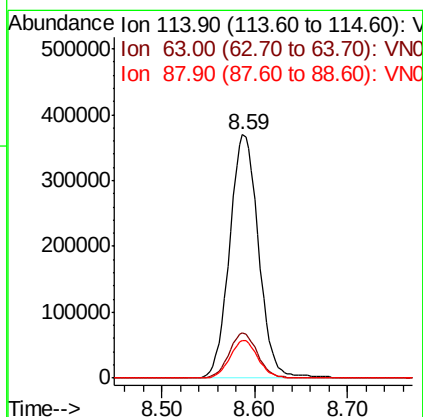
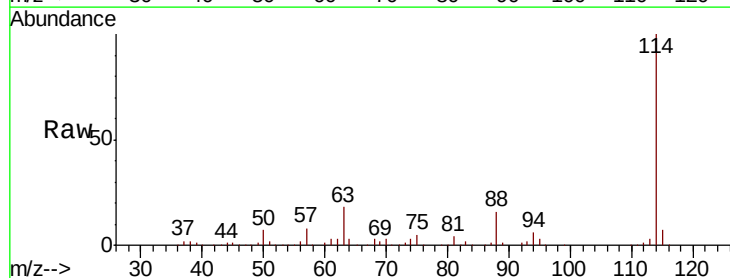
Instrument :
 MSVOA_N
 ClientSampleId :
 GROUND-WATER

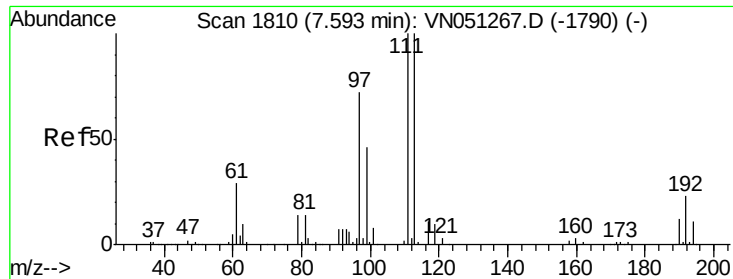
Tot Ion: 65 Resp: 292750
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051326.D
 Acq: 19 Sep 2018 18:07

Tgt Ion: 114 Resp: 802009
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.8
 88 15.5 0.0 30.8

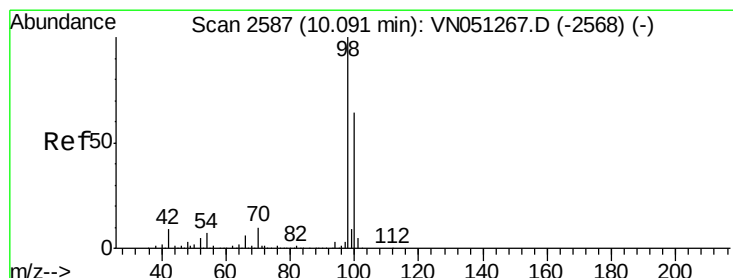
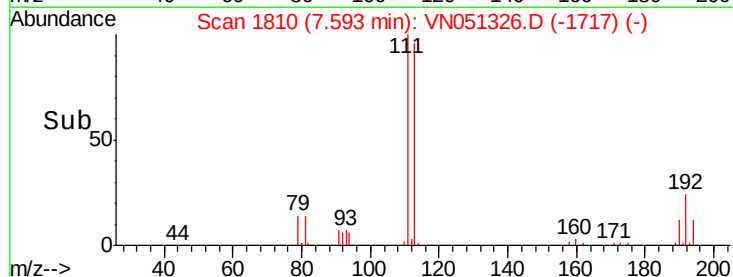
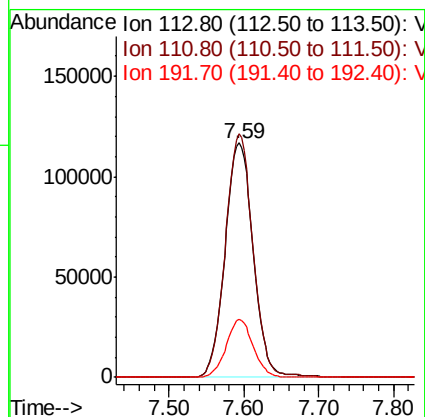
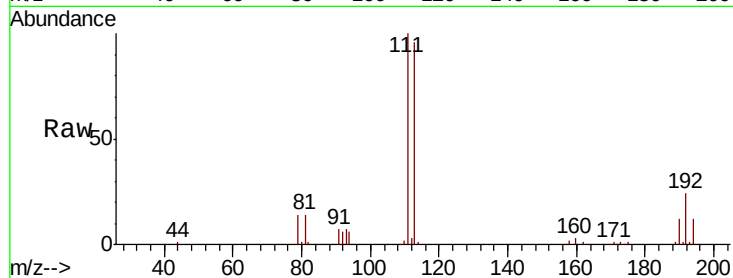




#35
 Dibromofluoromethane
 Concen: 48.98 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051326.D
 Acq: 19 Sep 2018 18:07

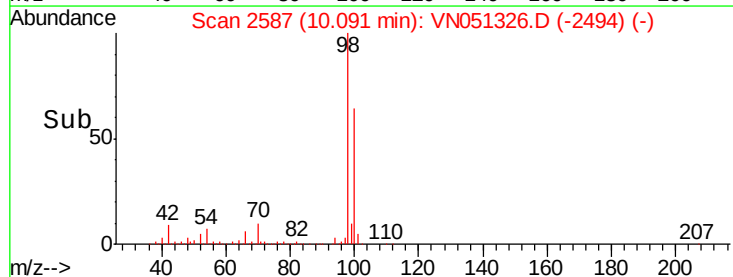
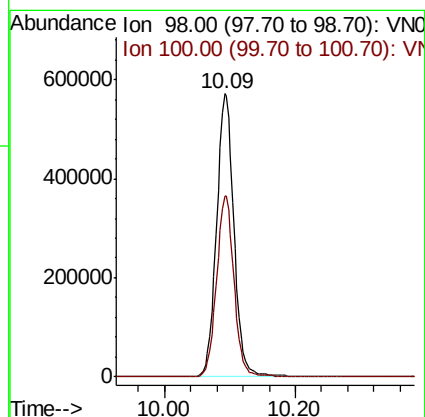
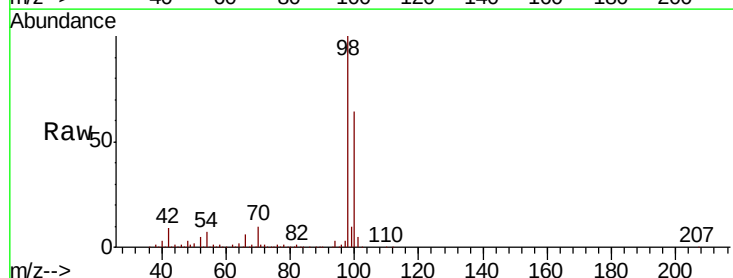
Instrument :
 MSVOA_N
 ClientSampleId :
 GROUND-WATER

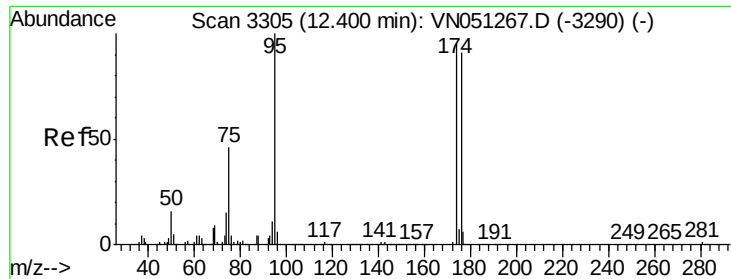
Tot Ion:113 Resp: 305244
 Ion Ratio Lower Upper
 113 100
 111 100.7 82.2 123.4
 192 23.7 19.0 28.6



#50
 Toluene-d8
 Concen: 46.12 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN051326.D
 Acq: 19 Sep 2018 18:07

Tgt Ion: 98 Resp: 1062352
 Ion Ratio Lower Upper
 98 100
 100 64.1 51.6 77.4

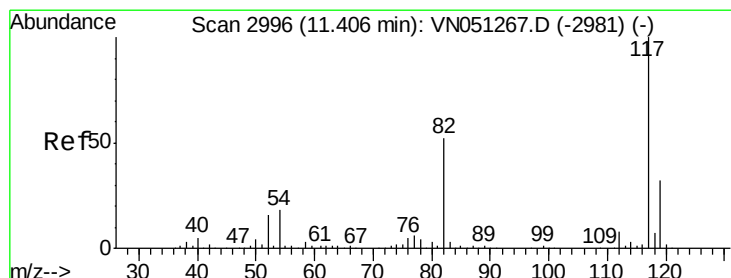
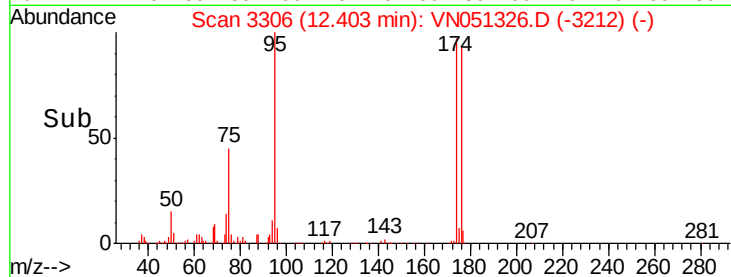
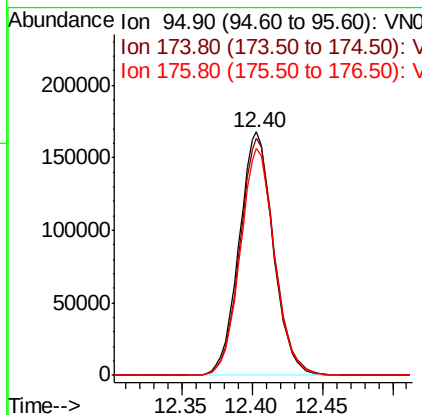
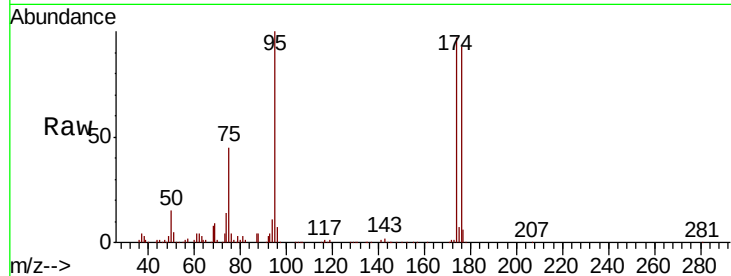




#62
4-Bromofluorobenzene
Concen: 38.76 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051326.D
Acq: 19 Sep 2018 18:07

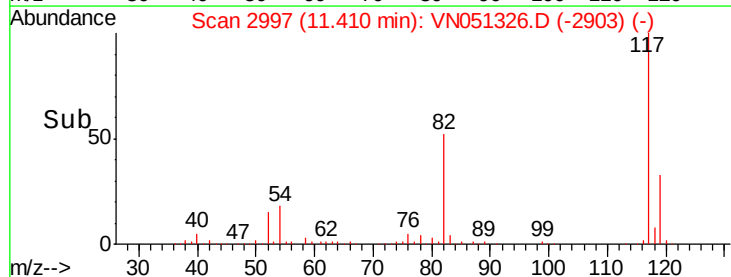
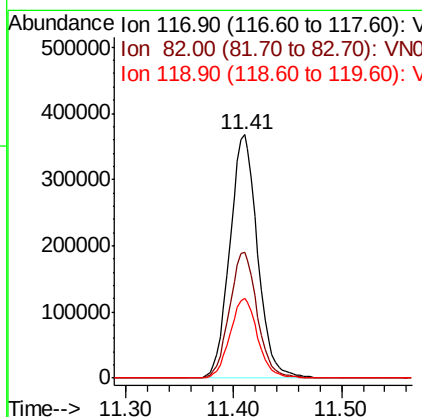
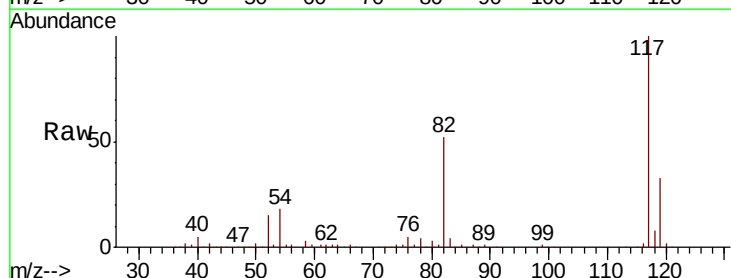
Instrument :
MSVOA_N
ClientSampleId :
GROUND-WATER

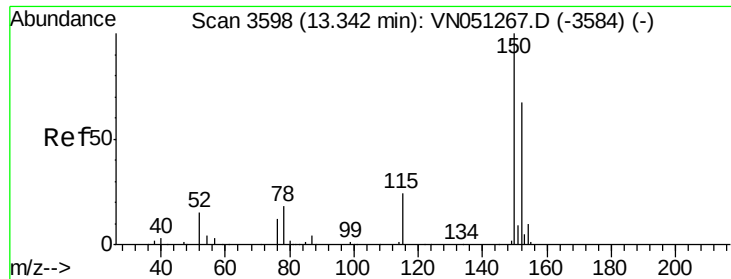
Tot Ion: 95 Resp: 283991
Ion Ratio Lower Upper
95 100
174 98.2 0.0 189.6
176 93.5 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051326.D
Acq: 19 Sep 2018 18:07

Tgt Ion: 117 Resp: 660097
Ion Ratio Lower Upper
117 100
82 51.6 41.8 62.8
119 32.6 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051326.D

Acq: 19 Sep 2018 18:07

Instrument :

MSVOA_N

ClientSampleId :

GROUND-WATER

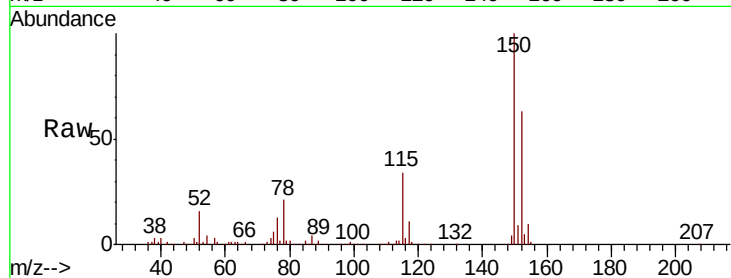
Tot Ion:152 Resp: 216906

Ion Ratio Lower Upper

152 100

115 54.3 27.1 81.2

150 156.9 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

