

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101818\
 Data File : VN051911.D
 Acq On : 18 Oct 2018 12:49
 Operator : MD\SY
 Sample : VN1018WBL02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1018WBL02

Quant Time: Oct 19 06:58:12 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	1030872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1461766	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1234774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	406701	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	538853	56.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.76%	
35) Dibromofluoromethane	7.59	113	557263	59.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.96%	
50) Toluene-d8	10.09	98	1995759	59.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.02%	
62) 4-Bromofluorobenzene	12.40	95	534301	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	

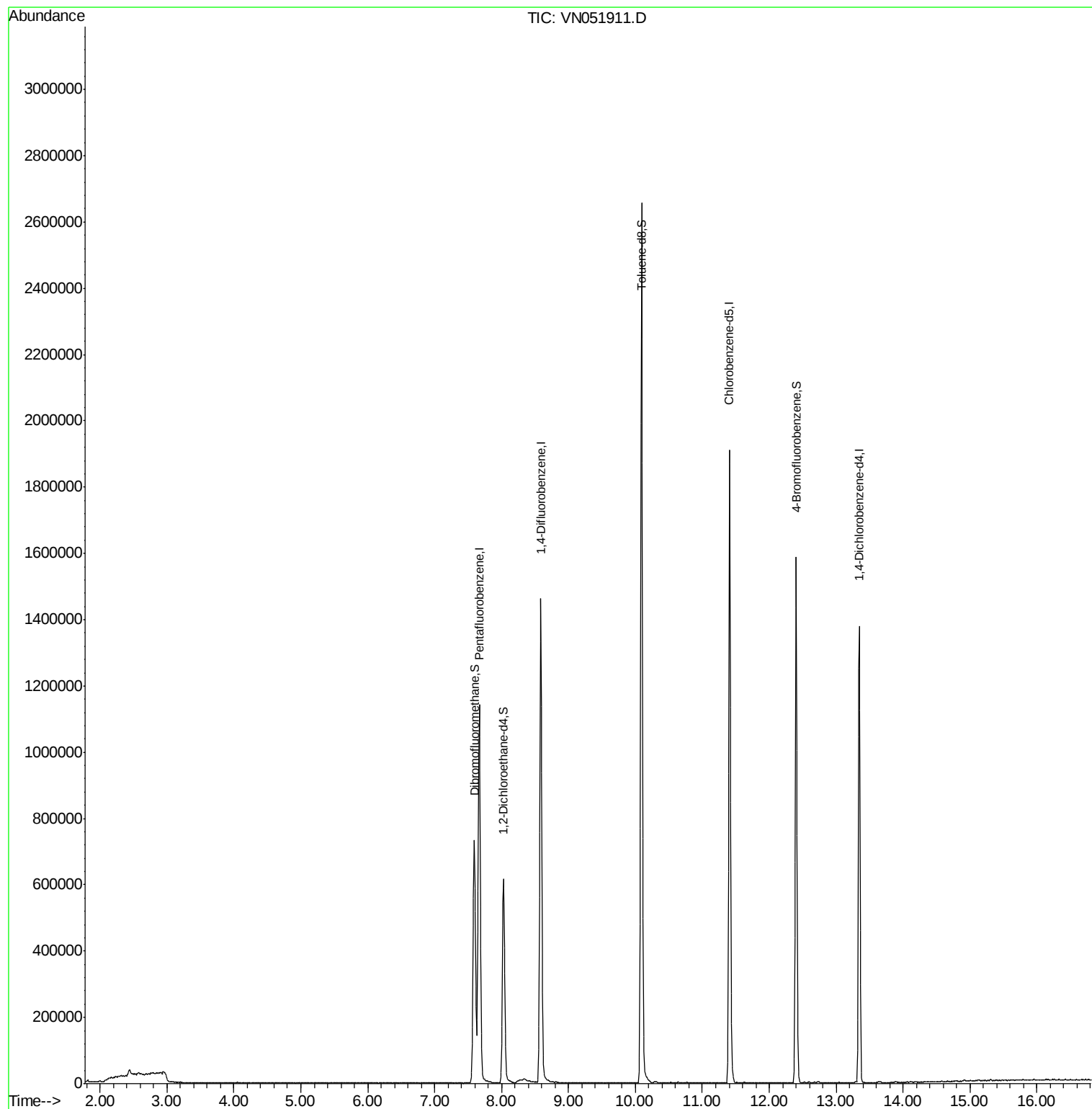
Target Compounds	Qvalue
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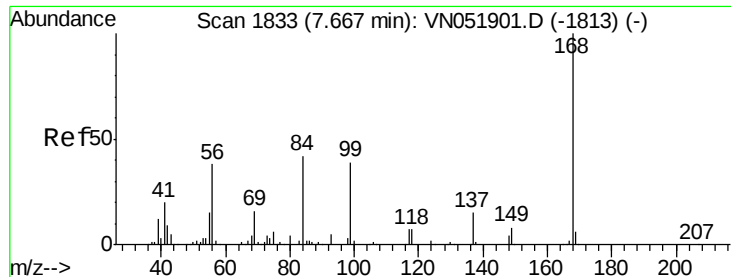
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051911.D

Acq: 18 Oct 2018 12:49

Instrument :

MSVOA_N

ClientSampleId :

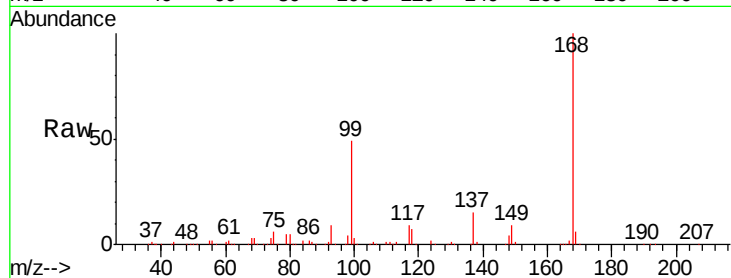
VN1018WBL02

Tgt Ion:168 Resp: 1030872

Ion Ratio Lower Upper

168 100

99 48.9 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

400000

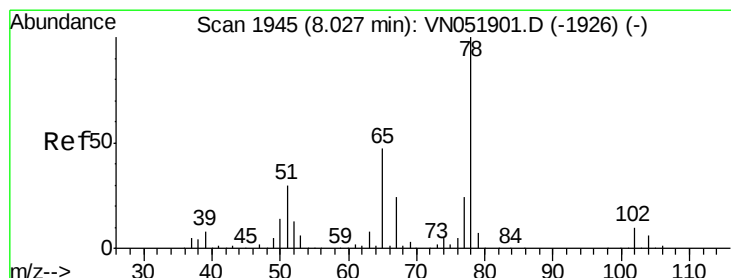
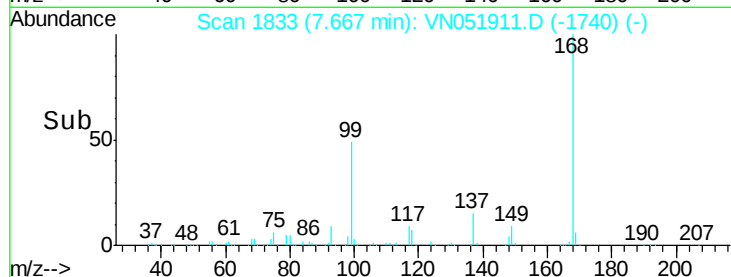
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051911.D

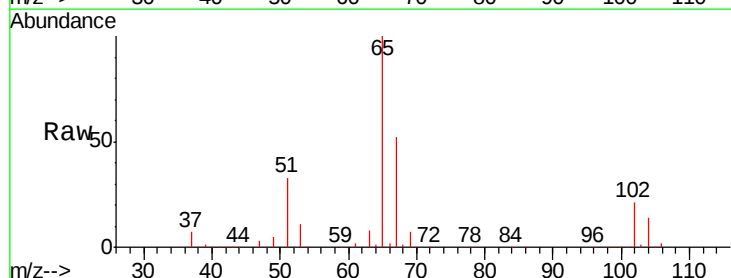
Acq: 18 Oct 2018 12:49

Tgt Ion: 65 Resp: 538853

Ion Ratio Lower Upper

65 100

67 51.8 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

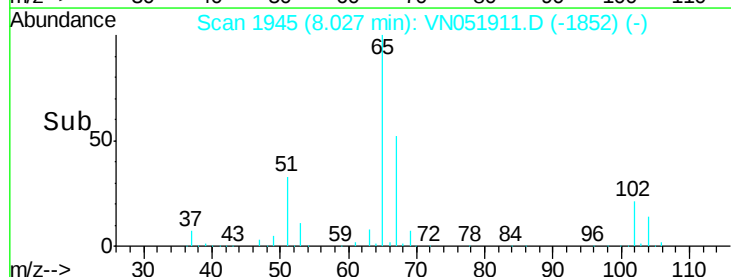
150000

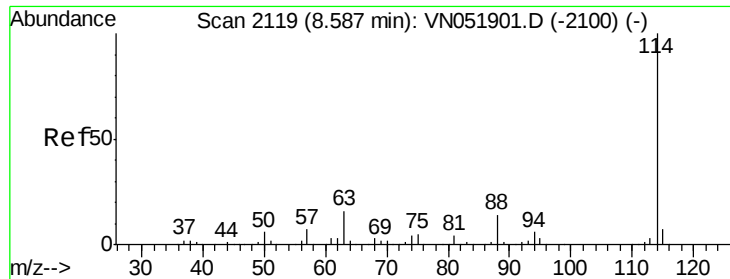
100000

50000

0

Time-->

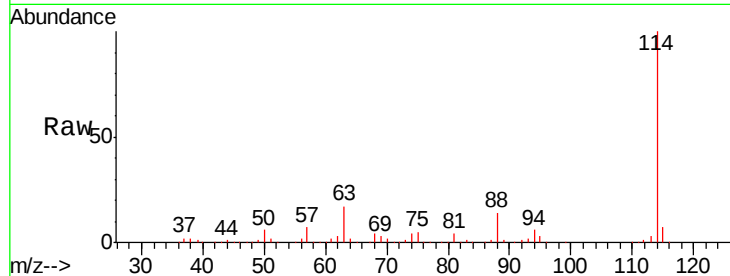




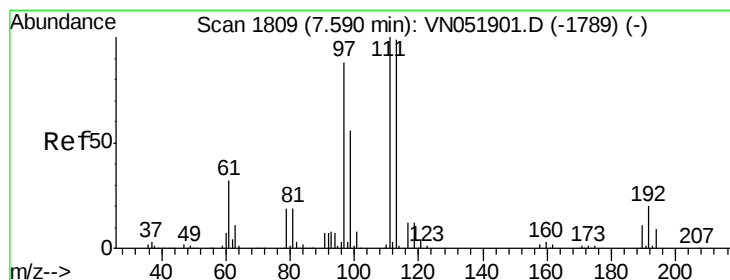
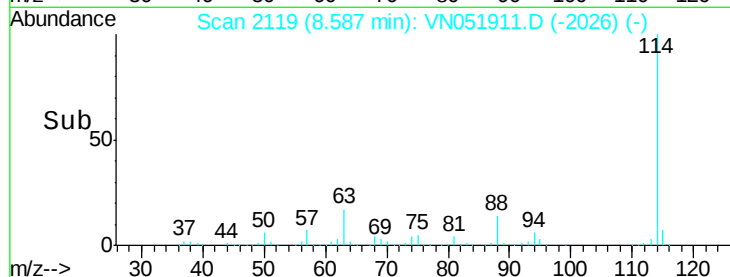
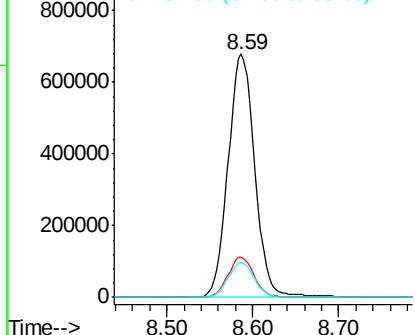
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN051911.D
Acq: 18 Oct 2018 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1018WBL02

Tgt Ion:114 Resp: 1461766
Ion Ratio Lower Upper
114 100
63 16.5 0.0 31.8
88 14.2 0.0 28.0

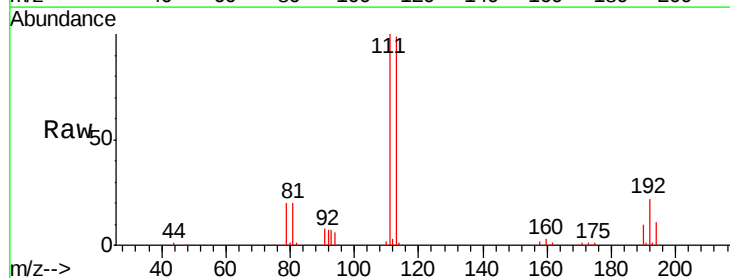


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

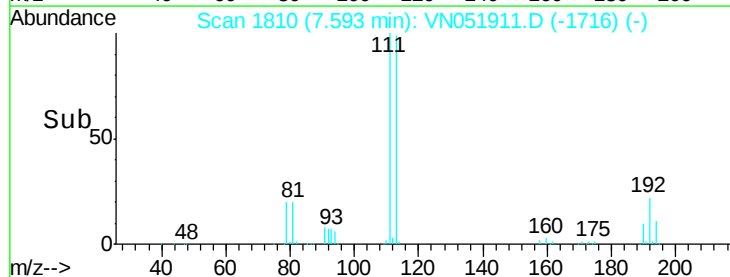
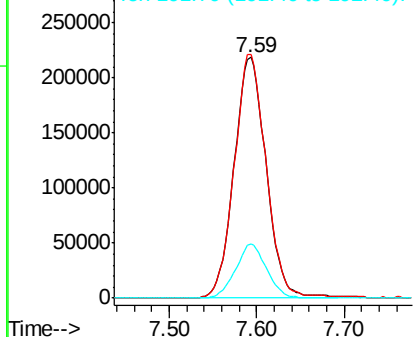


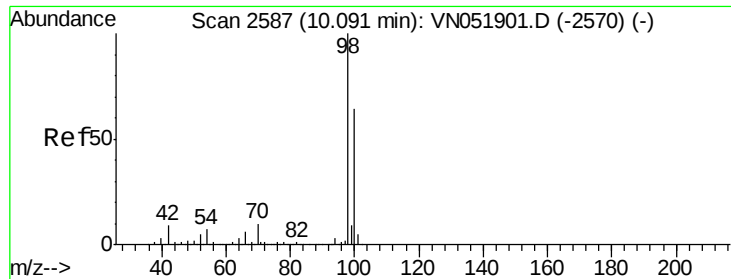
#35
Dibromofluoromethane
Concen: 50.00 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051911.D
Acq: 18 Oct 2018 12:49

Tgt Ion:113 Resp: 557263
Ion Ratio Lower Upper
113 100
111 100.3 82.6 123.8
192 21.6 17.3 25.9



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





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051911.D

Acq: 18 Oct 2018 12:49

Instrument :

MSVOA_N

ClientSampleId :

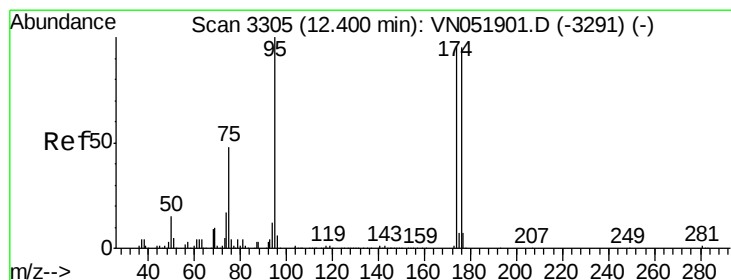
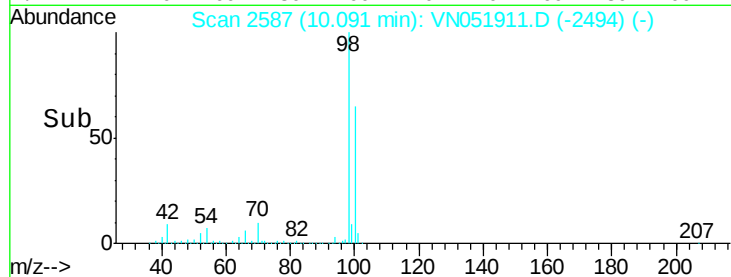
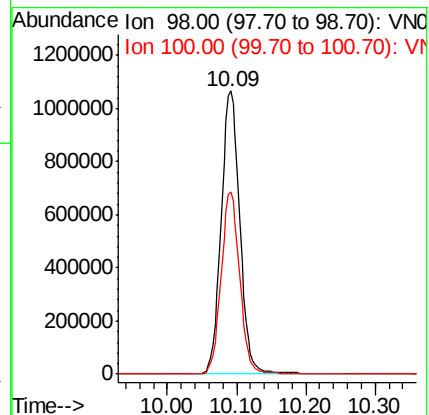
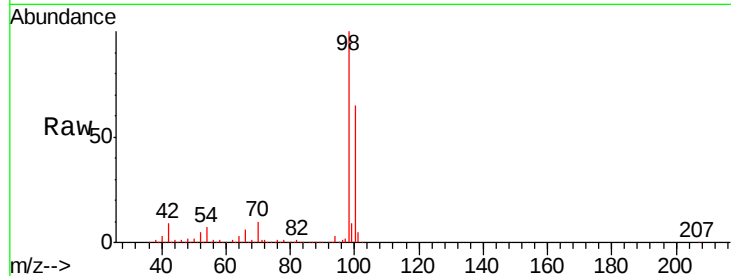
VN1018WBL02

Tgt Ion: 98 Resp: 1995759

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: VN051911.D

Acq: 18 Oct 2018 12:49

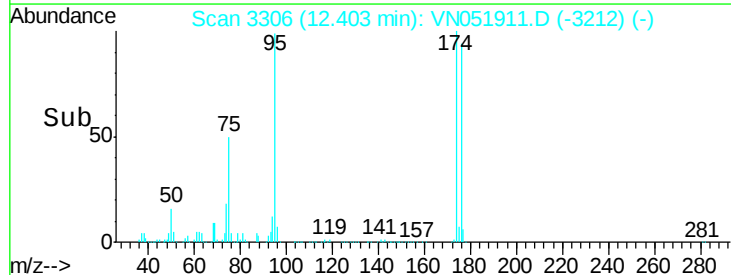
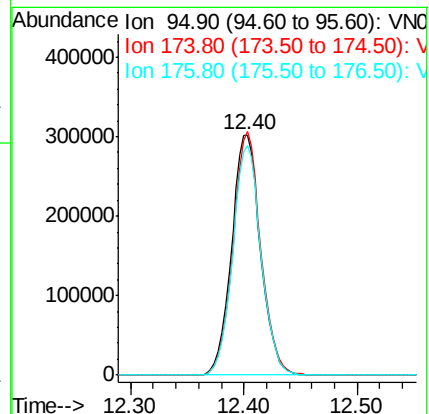
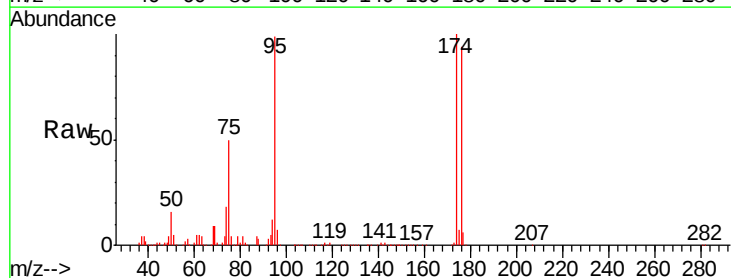
Tgt Ion: 95 Resp: 534301

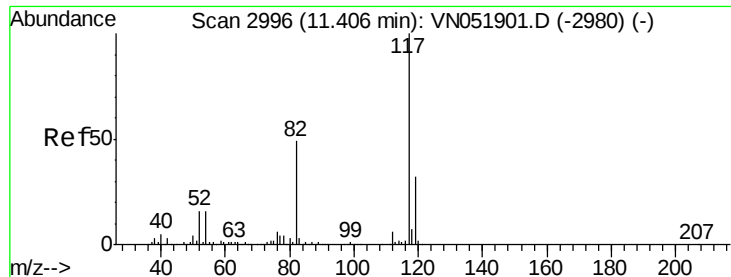
Ion Ratio Lower Upper

95 100

174 98.0 0.0 195.0

176 93.6 0.0 191.4

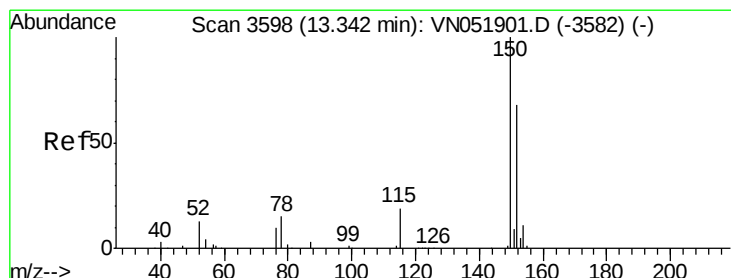
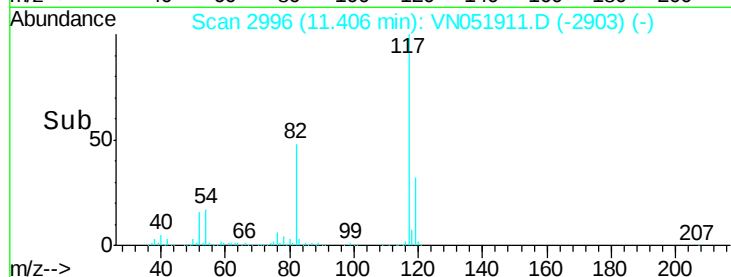
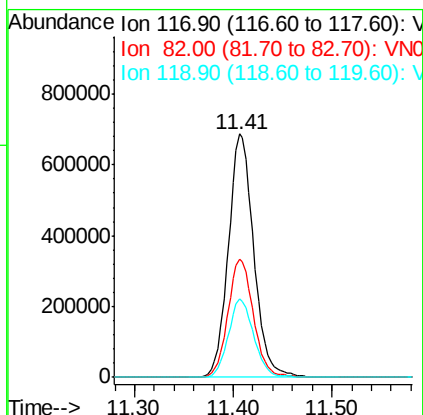
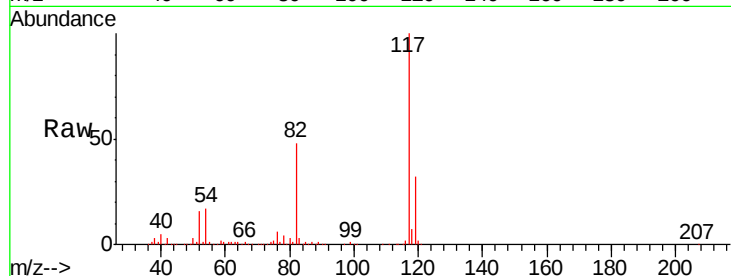




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051911.D
Acq: 18 Oct 2018 12:49

Instrument :
MSVOA_N
ClientSampleId :
VN1018WBL02

Tgt Ion:117 Resp: 1234774
Ion Ratio Lower Upper
117 100
82 48.4 38.9 58.3
119 32.0 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: VN051911.D
Acq: 18 Oct 2018 12:49

Tgt Ion:152 Resp: 406701
Ion Ratio Lower Upper
152 100
115 55.3 26.7 80.1
150 158.0 0.0 346.4

