

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091318\
 Data File : VN051159.D
 Acq On : 13 Sep 2018 9:24
 Operator : MD\SY
 Sample : VN0913MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0913MBL01

Quant Time: Sep 14 01:33:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	574407	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	889629	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	774287	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	262577	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	360427	56.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.76%	
35) Dibromofluoromethane	7.59	113	346276	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
50) Toluene-d8	10.09	98	1242096	48.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.94%	
62) 4-Bromofluorobenzene	12.40	95	338547	40.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.70%	

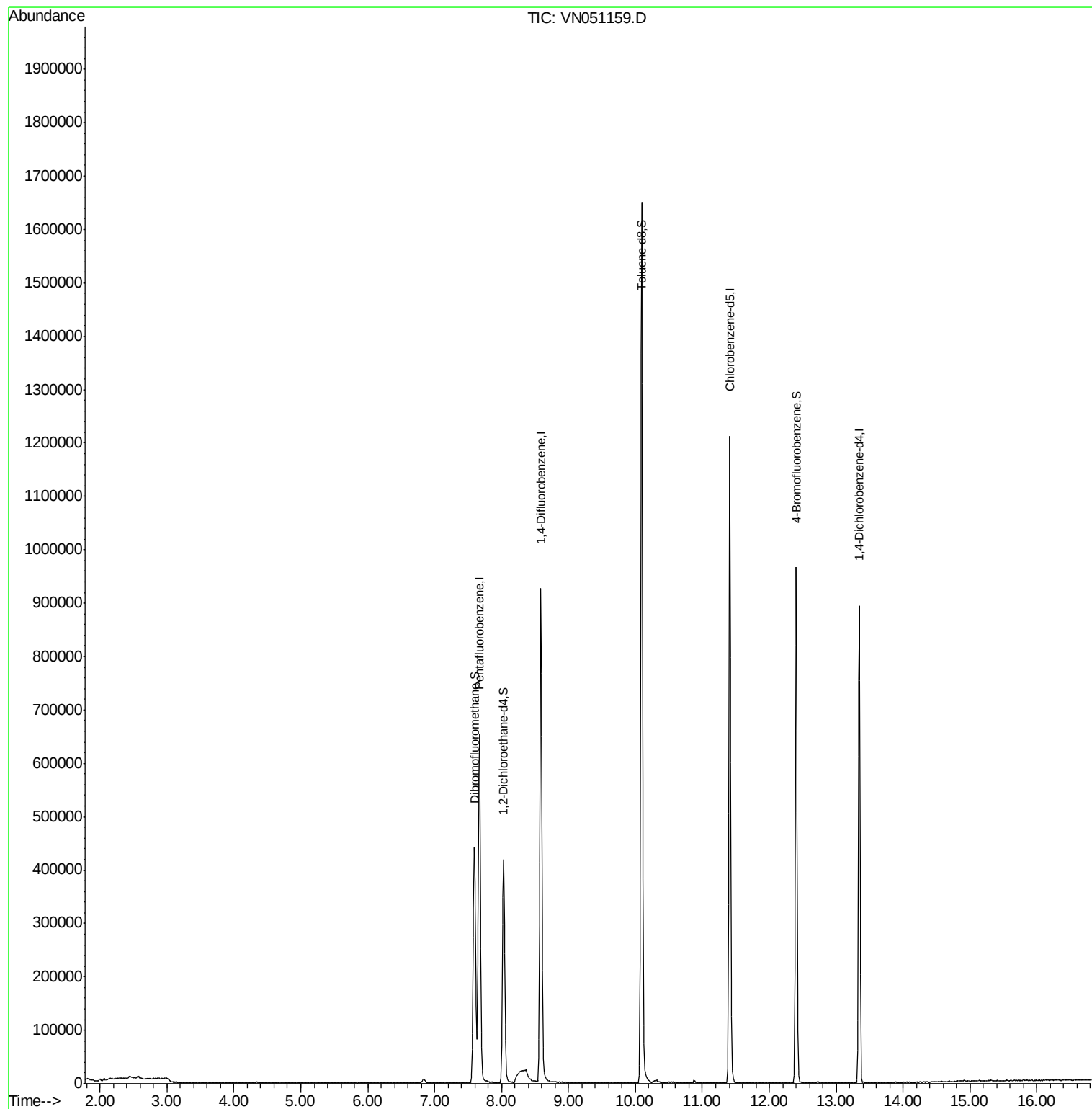
Target Compounds	Qvalue

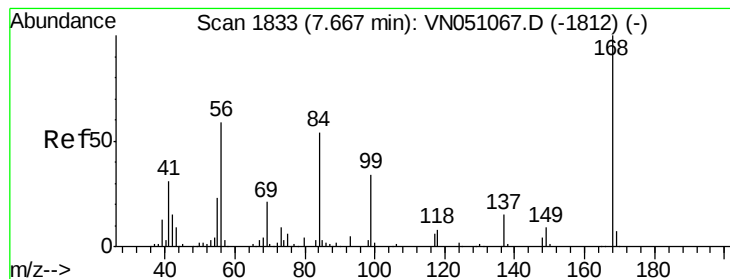
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN091318\
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Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:27:09 2018
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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: VN051159.D

Acq: 13 Sep 2018 9:24

Instrument :

MSVOA_N

ClientSampled :

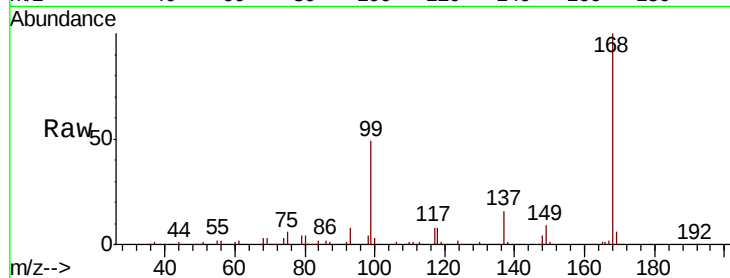
VN0913MBL01

Tot Ion:168 Resp: 574407

Ion Ratio Lower Upper

168 100

99 48.6 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

150000

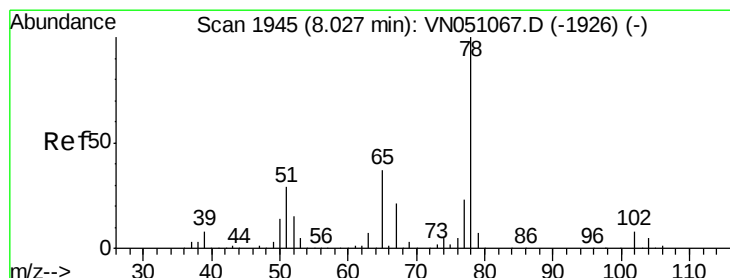
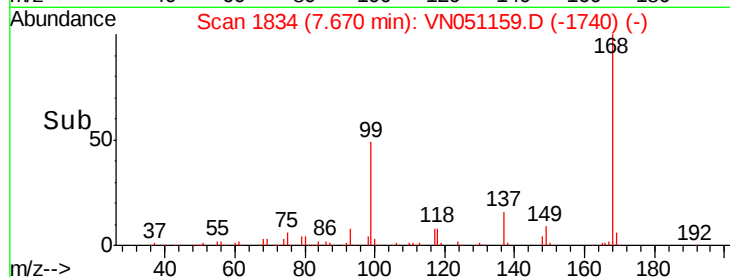
100000

50000

0

Time-->

7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 56.38 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051159.D

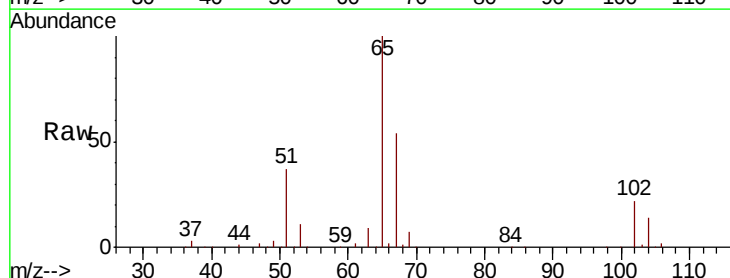
Acq: 13 Sep 2018 9:24

Tgt Ion: 65 Resp: 360427

Ion Ratio Lower Upper

65 100

67 54.5 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

150000

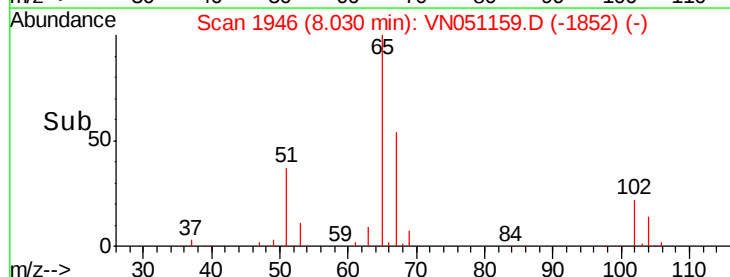
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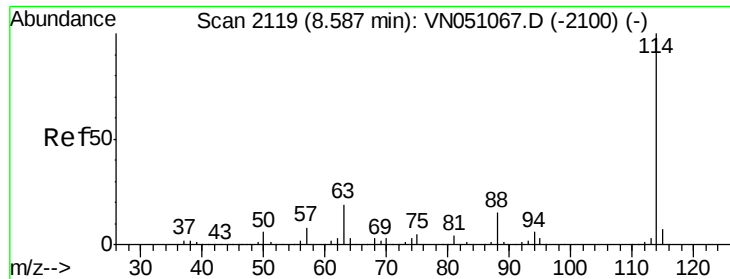
50000

0

Time-->

7.90 8.00 8.10 8.20

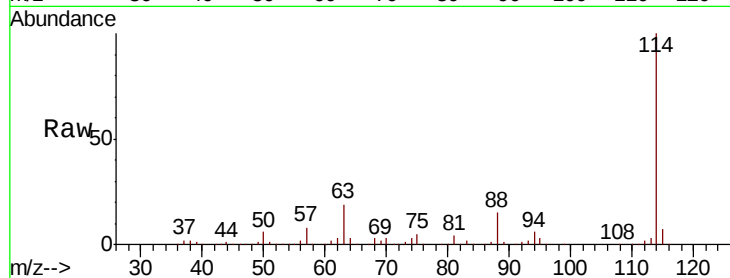




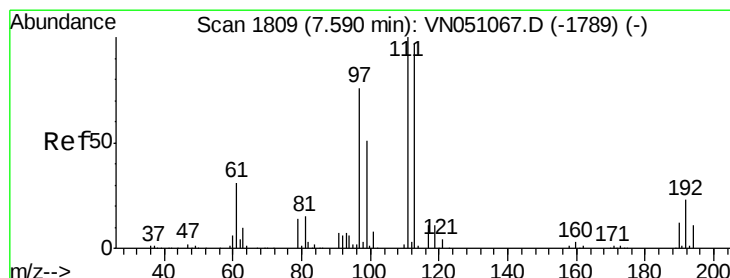
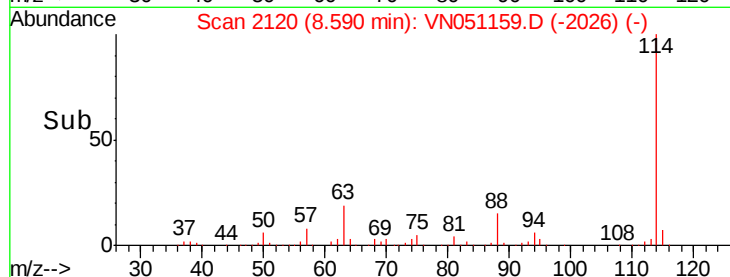
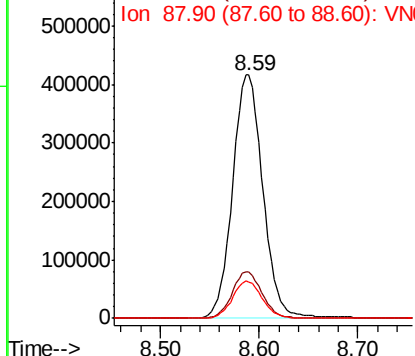
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN051159.D
 Acq: 13 Sep 2018 9:24

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0913MBL01

Tot Ion:114 Resp: 889629
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 37.8
 88 15.1 0.0 30.8

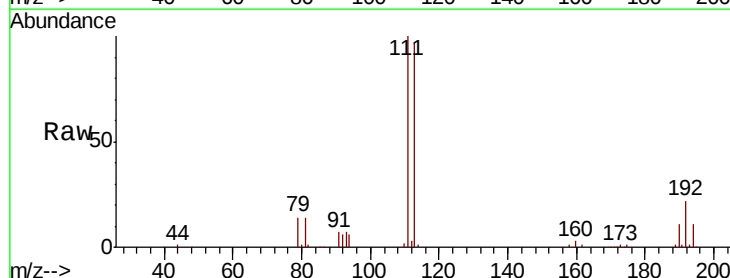


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

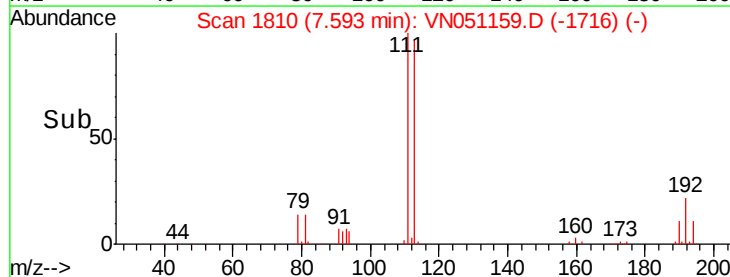
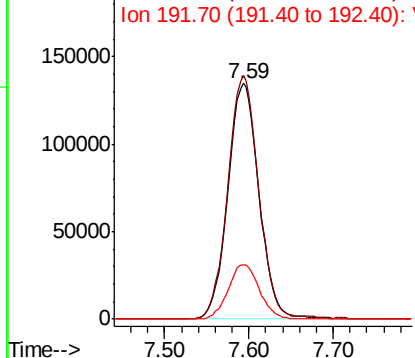


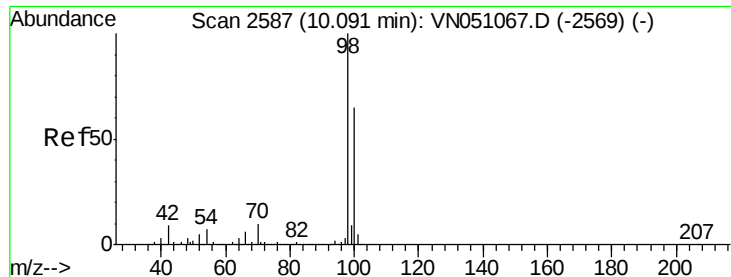
#35
 Dibromofluoromethane
 Concen: 51.80 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051159.D
 Acq: 13 Sep 2018 9:24

Tgt Ion:113 Resp: 346276
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.0 124.6
 192 23.2 18.7 28.1



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: 48.97 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051159.D

Acq: 13 Sep 2018 9:24

Instrument :

MSVOA_N

ClientSampleId :

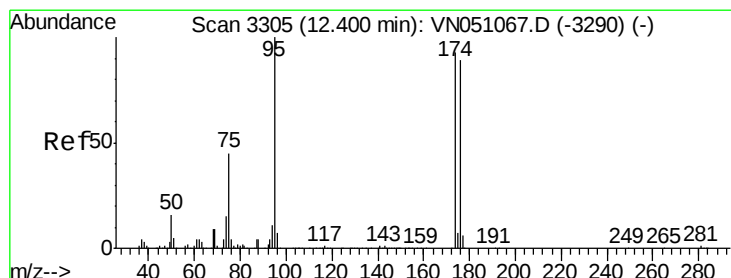
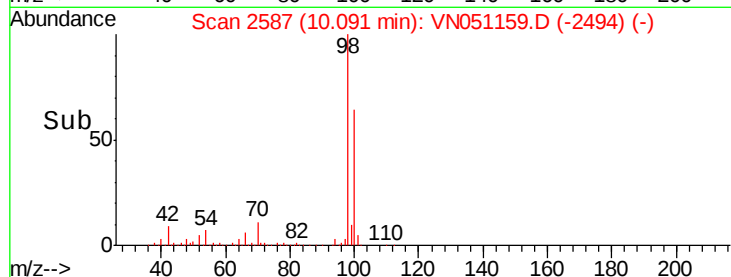
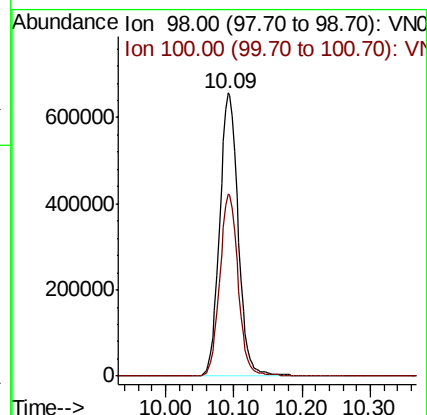
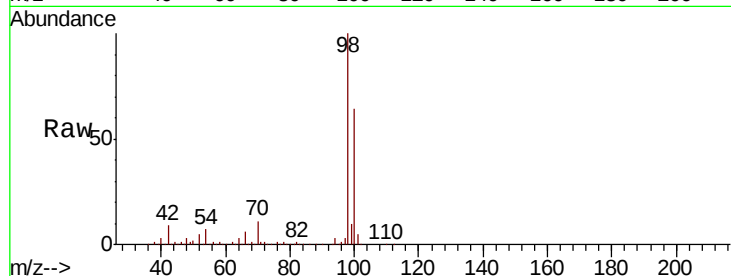
VN0913MBL01

Tot Ion: 98 Resp: 1242096

Ion Ratio Lower Upper

98 100

100 63.7 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 40.35 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051159.D

Acq: 13 Sep 2018 9:24

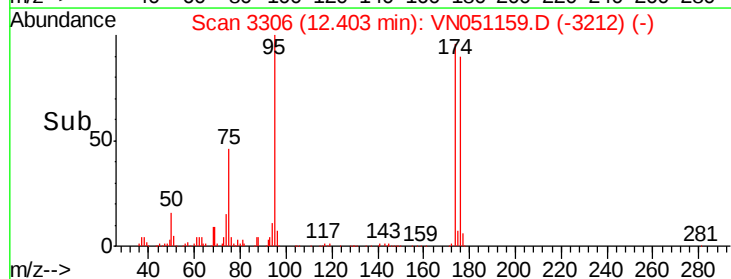
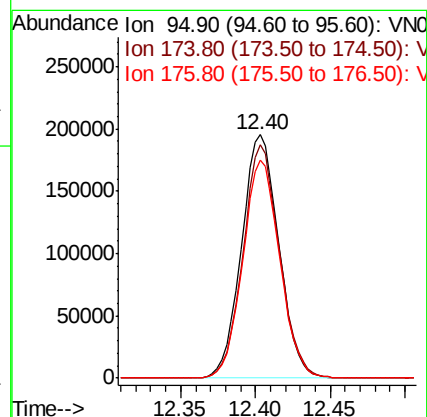
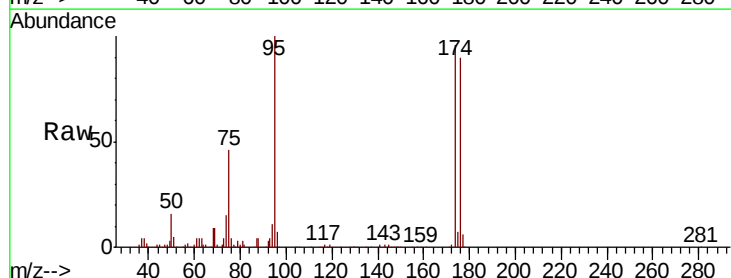
Tgt Ion: 95 Resp: 338547

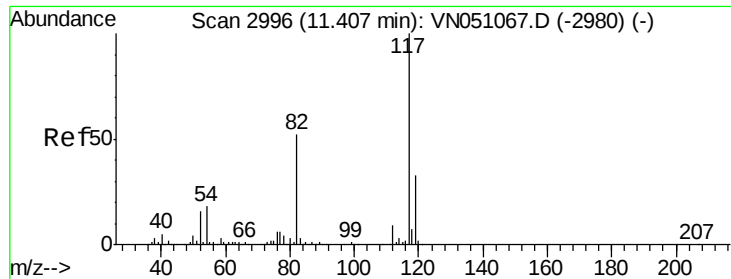
Ion Ratio Lower Upper

95 100

174 93.9 0.0 184.8

176 89.0 0.0 178.6

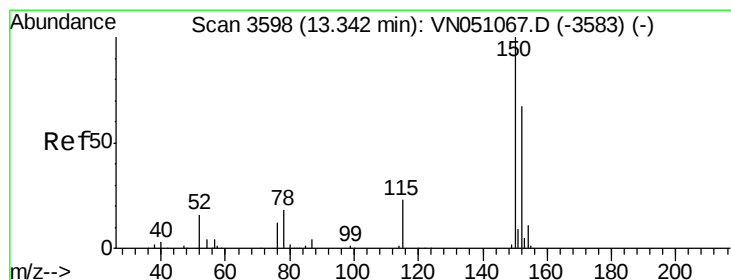
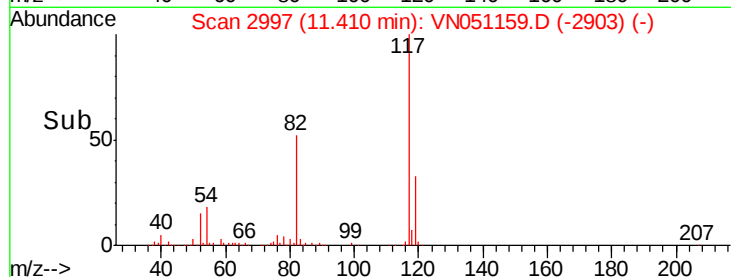
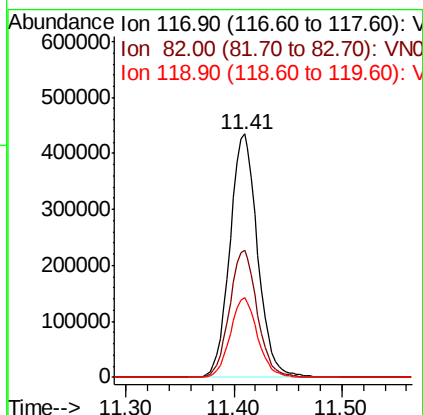
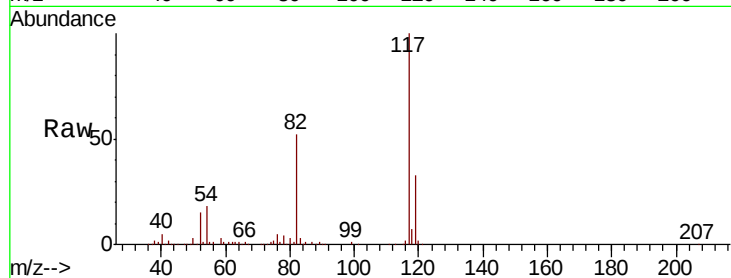




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051159.D
Acq: 13 Sep 2018 9:24

Instrument :
MSVOA_N
ClientSampleId :
VN0913MBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.0	41.8	62.6
119	32.6	26.2	39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051159.D
Acq: 13 Sep 2018 9:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.1	28.2	84.7
150	157.8	0.0	349.0

