

Data File : VN051396.D
Acq On : 22 Sep 2018 14:30
Operator : MD\SY
Sample : I.BLK
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Quant Time: Sep 24 06:04:48 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092318W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 24 05:35:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	698493	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1051972	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	858749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	326374	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	440630	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
35) Dibromofluoromethane	7.59	113	401414	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	
50) Toluene-d8	10.09	98	1456861	45.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.98%	
62) 4-Bromofluorobenzene	12.40	95	400989	39.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.26%	

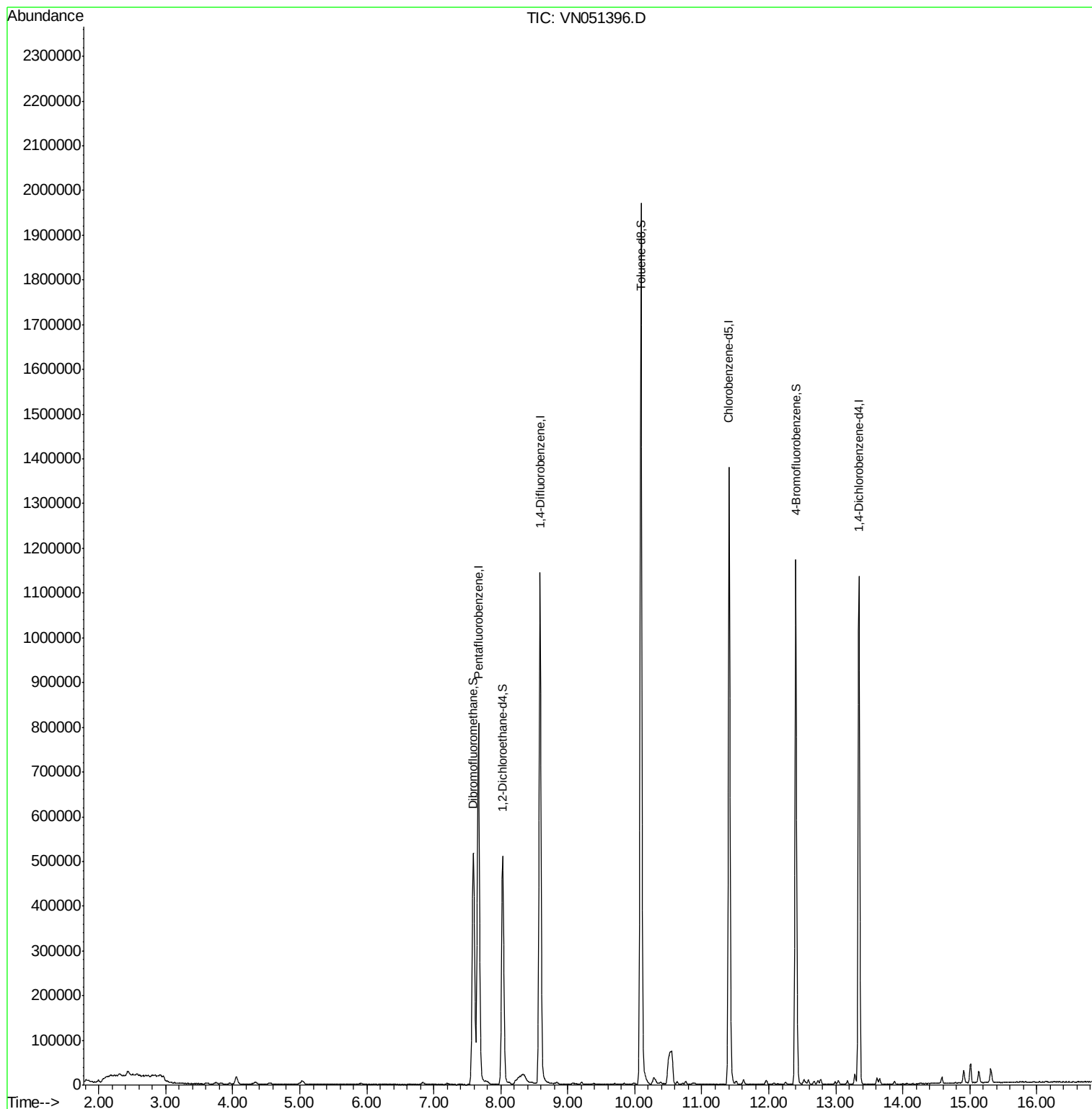
Target Compounds	Qvalue
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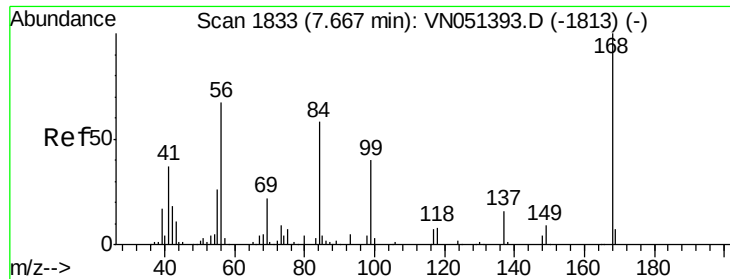
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

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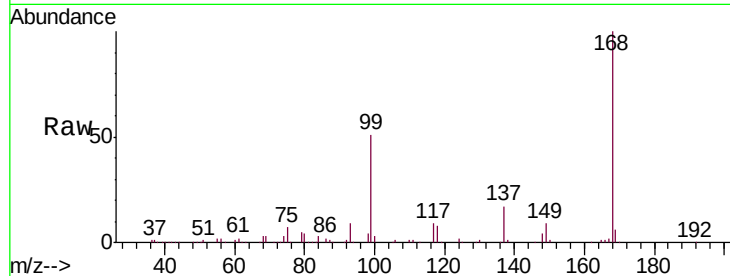
Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Tgt Ion:168 Resp: 698493

Ion Ratio Lower Upper

168 100

99 50.6 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

300000

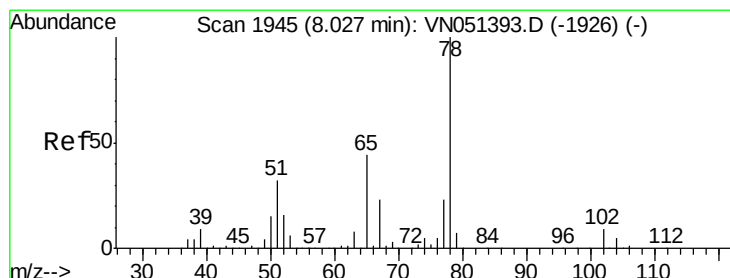
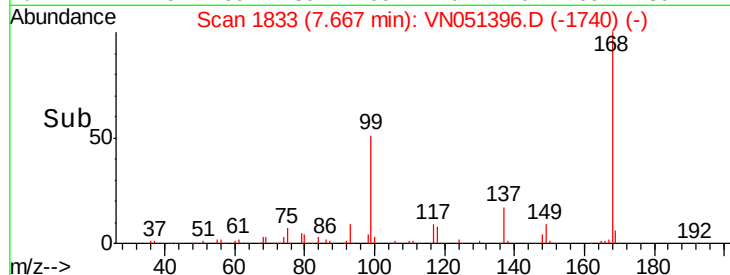
200000

100000

0

Time-->

7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 50.358 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN051396.D

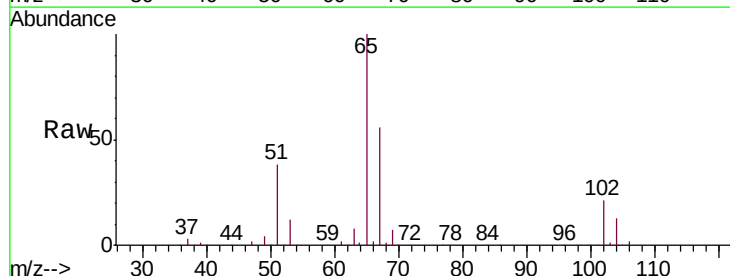
Acq: 22 Sep 2018 14:30

Tgt Ion: 65 Resp: 440630

Ion Ratio Lower Upper

65 100

67 54.5 0.0 107.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VN0

8.03

200000

150000

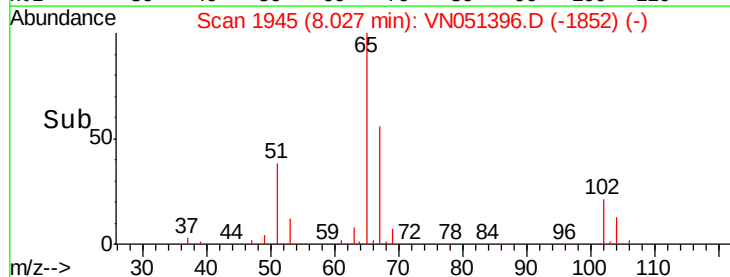
100000

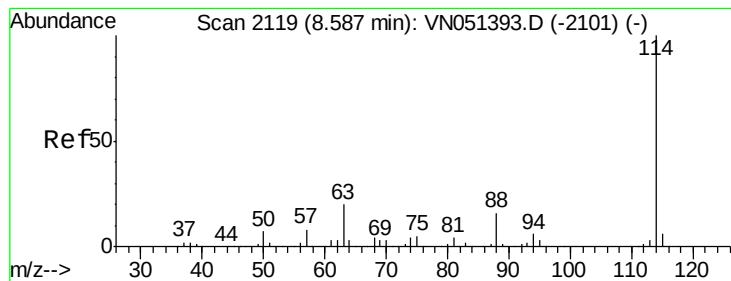
50000

0

Time-->

7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN051396.D

Acq: 22 Sep 2018 14:30

Instrument :

MSVOA_N

ClientSampleId :

I.BLK

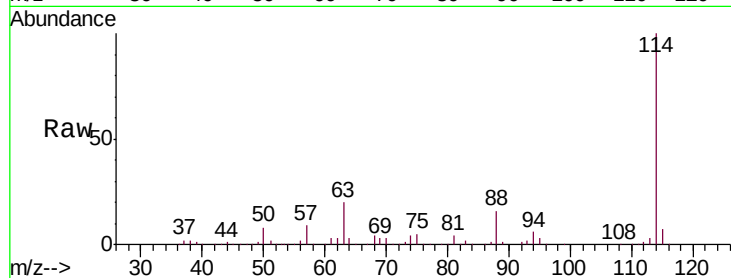
Tgt Ion:114 Resp: 1051972

Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.2

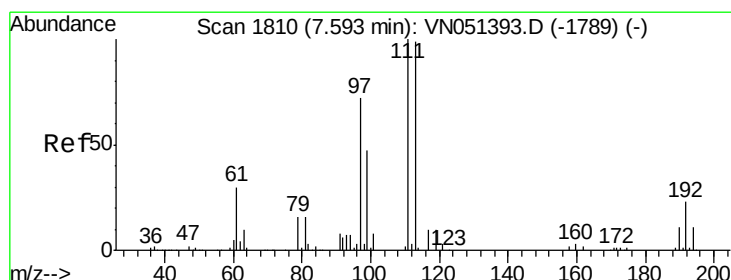
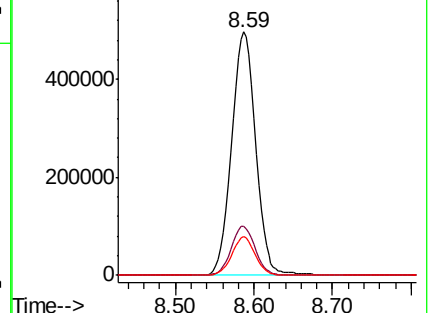
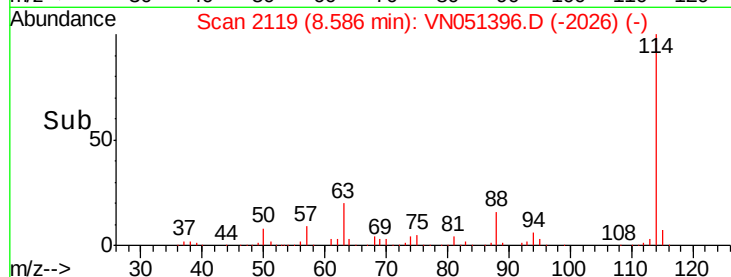
88 16.0 0.0 31.4



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: 47.718 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN051396.D

Acq: 22 Sep 2018 14:30

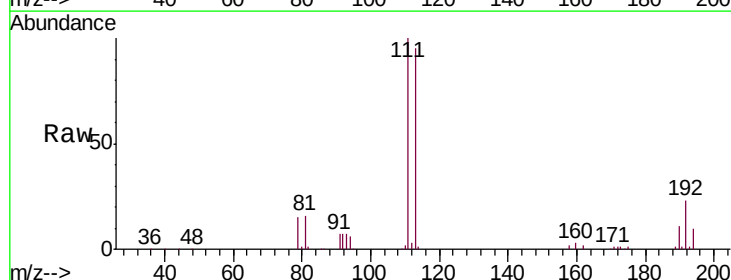
Tgt Ion:113 Resp: 401414

Ion Ratio Lower Upper

113 100

111 104.2 82.6 123.8

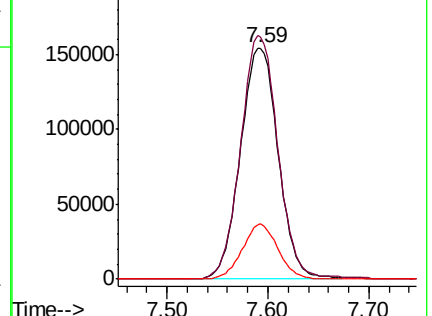
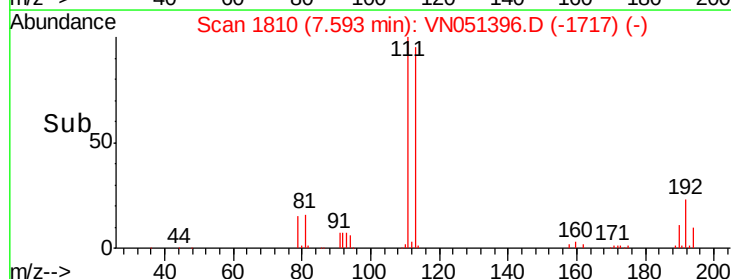
192 22.3 18.0 27.0

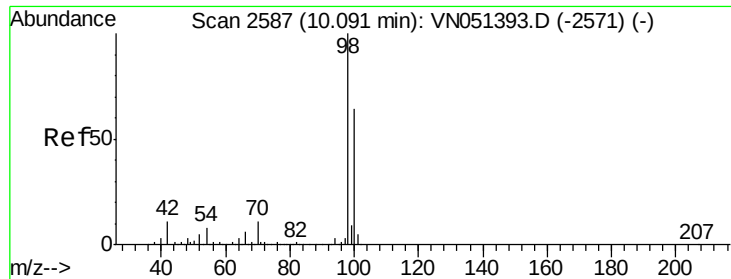


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 45.991 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

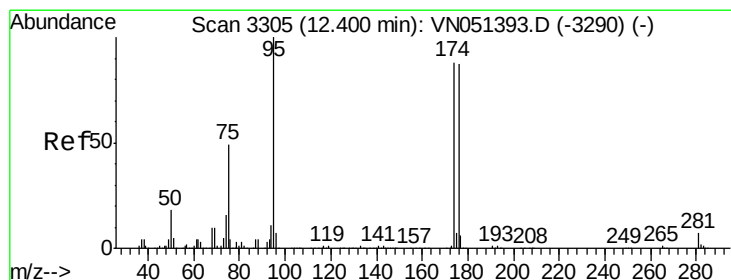
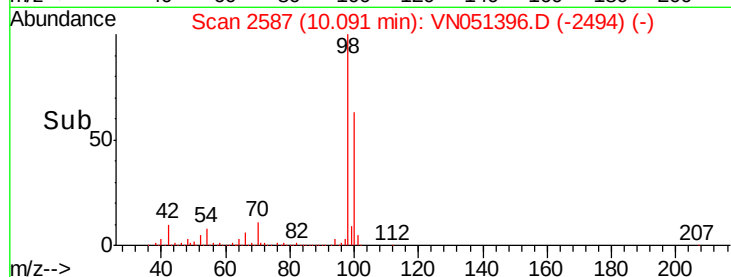
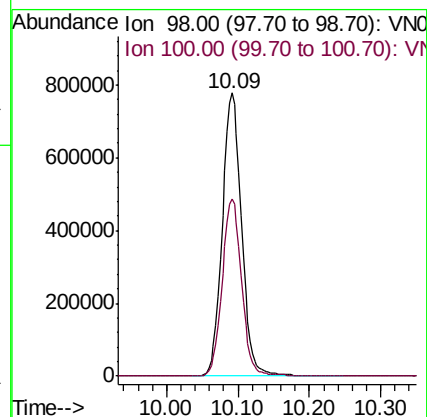
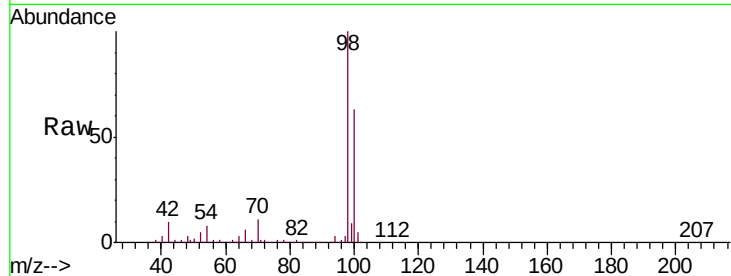
I.BLK

Tgt Ion: 98 Resp: 1456861

Ion Ratio Lower Upper

98 100

100 63.0 50.6 75.8



#62

4-Bromofluorobenzene

Concen: 39.130 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051396.D

Acq: 22 Sep 2018 14:30

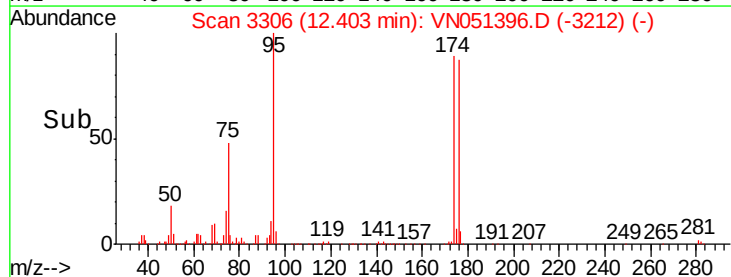
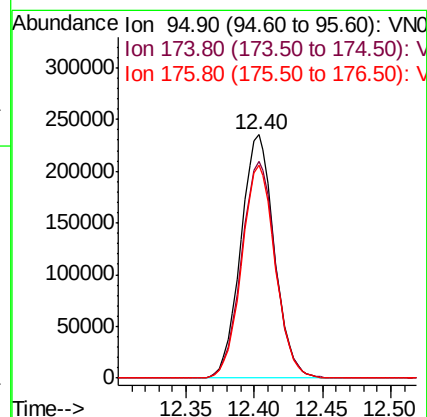
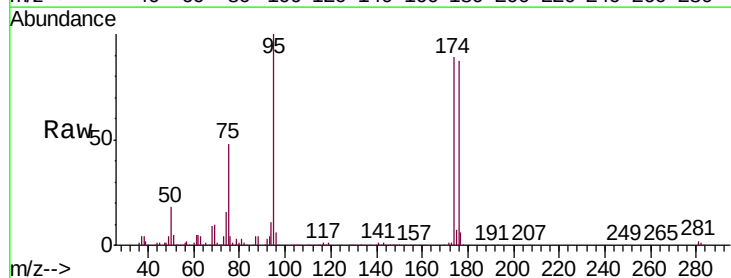
Tgt Ion: 95 Resp: 400989

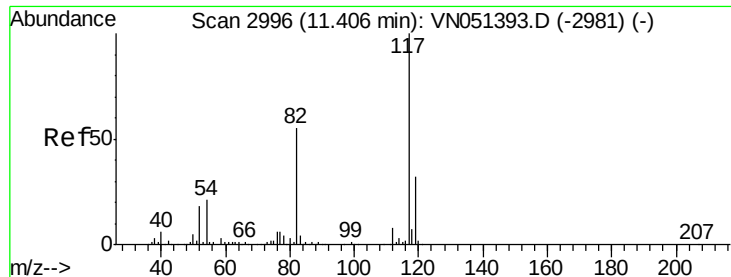
Ion Ratio Lower Upper

95 100

174 90.5 0.0 181.6

176 87.6 0.0 176.4

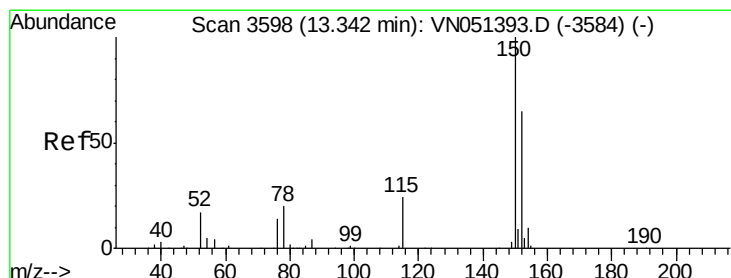
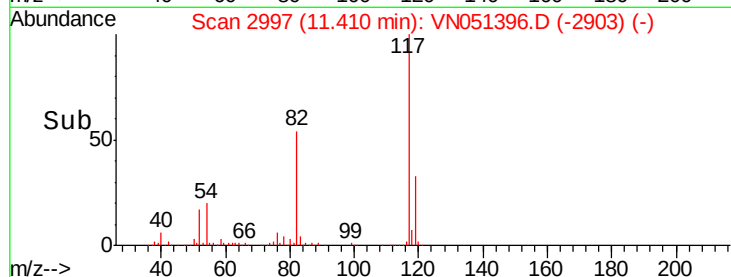
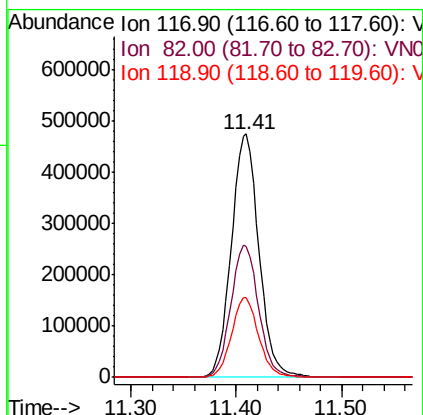
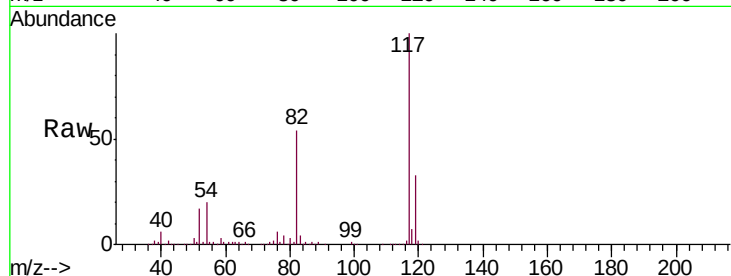




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051396.D
Acq: 22 Sep 2018 14:30

Instrument :
MSVOA_N
ClientSampled :
I.BLK

Tgt Ion:117 Resp: 858749
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.2
119 32.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051396.D
Acq: 22 Sep 2018 14:30

Tgt Ion:152 Resp: 326374
Ion Ratio Lower Upper
152 100
115 55.6 28.3 84.9
150 158.1 0.0 353.6

