

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101018\
 Data File : VN051779.D
 Acq On : 10 Oct 2018 10:19
 Operator : MD\SY
 Sample : VN1010MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010MBL01

Quant Time: Oct 11 02:12:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 06:03:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	820959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1184074	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1040455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	391826	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	475619	43.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.70%	
35) Dibromofluoromethane	7.59	113	440727	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	
50) Toluene-d8	10.09	98	1679723	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
62) 4-Bromofluorobenzene	12.40	95	471730	39.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.04%	

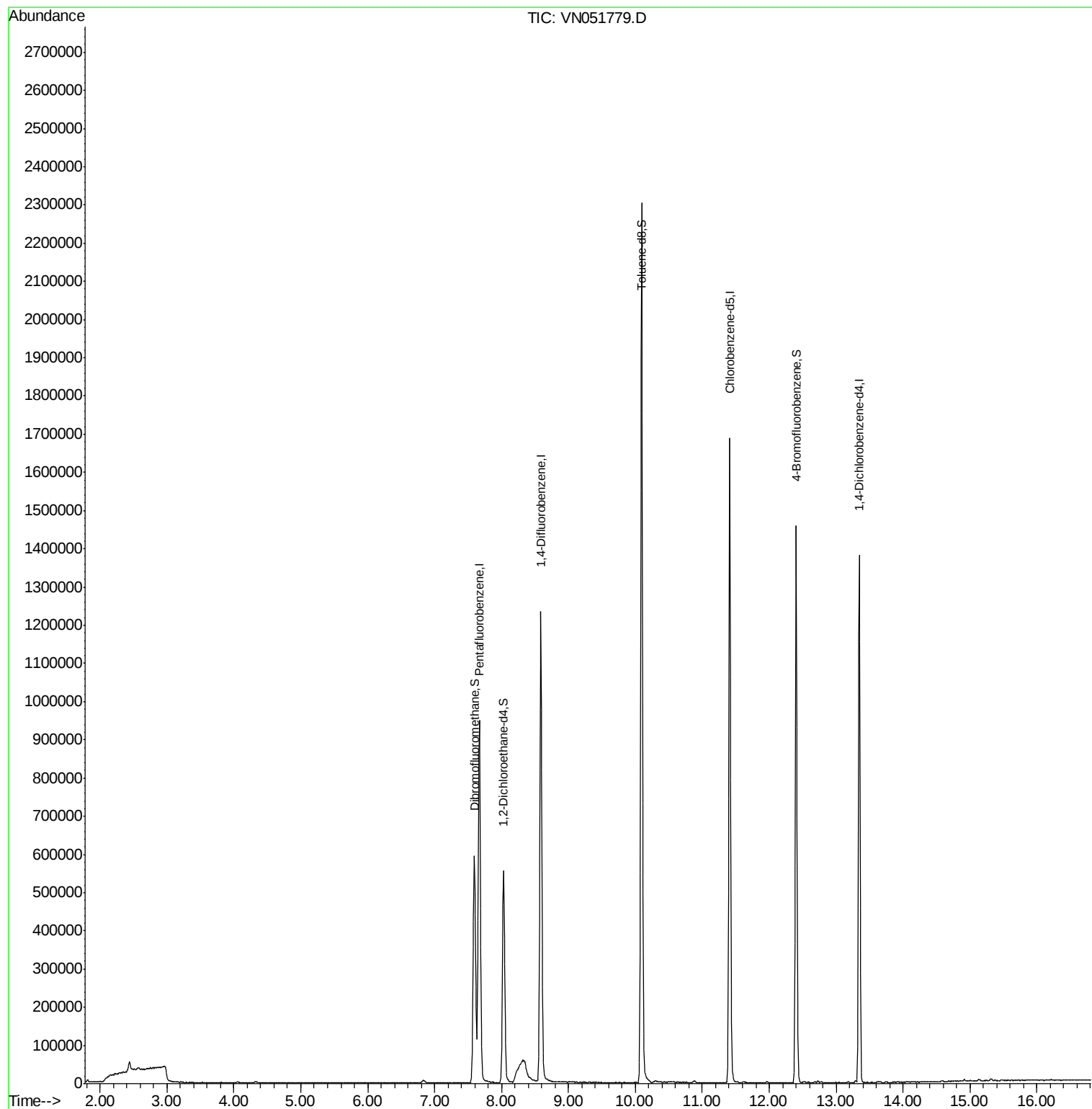
Target Compounds	Qvalue

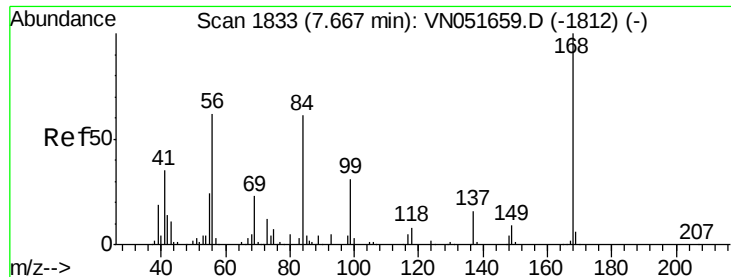
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051779.D

Acq: 10 Oct 2018 10:19

Instrument :

MSVOA_N

ClientSampled :

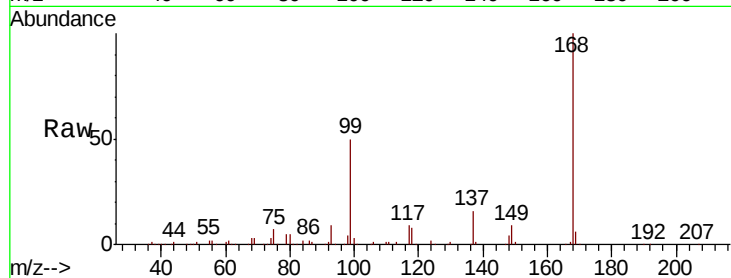
VN1010MBL01

Tot Ion:168 Resp: 820959

Ion Ratio Lower Upper

168 100

99 49.5 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

400000

300000

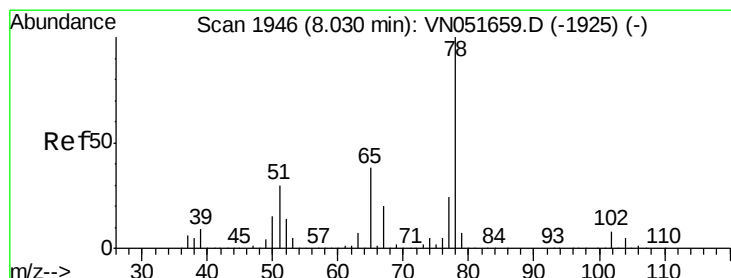
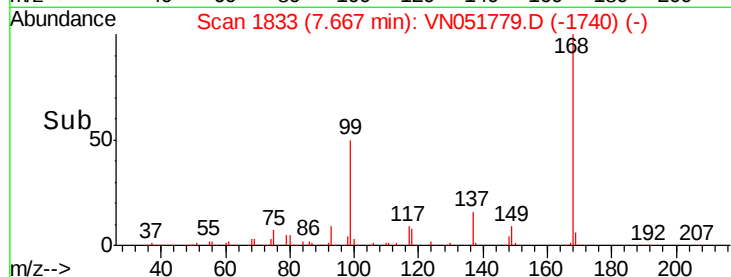
200000

100000

0

Time-->

7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051779.D

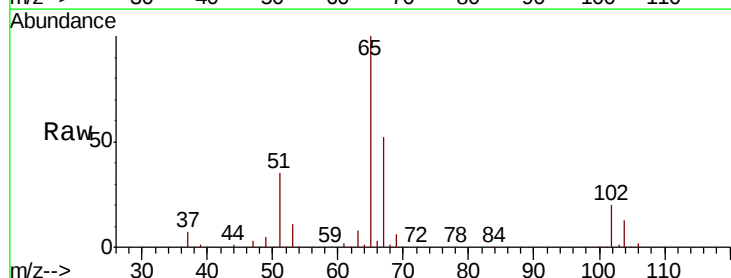
Acq: 10 Oct 2018 10:19

Tgt Ion: 65 Resp: 475619

Ion Ratio Lower Upper

65 100

67 51.0 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.03

200000

150000

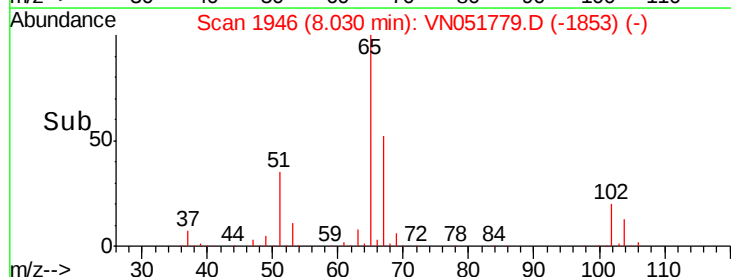
100000

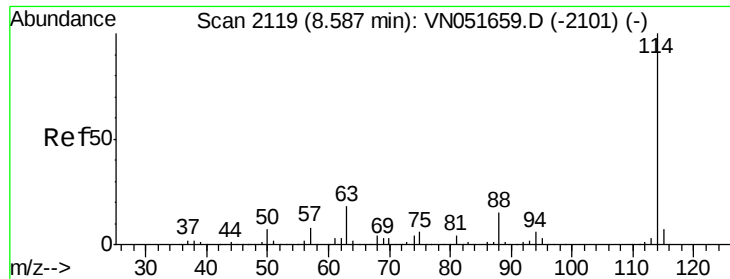
50000

0

Time-->

7.90 8.00 8.10

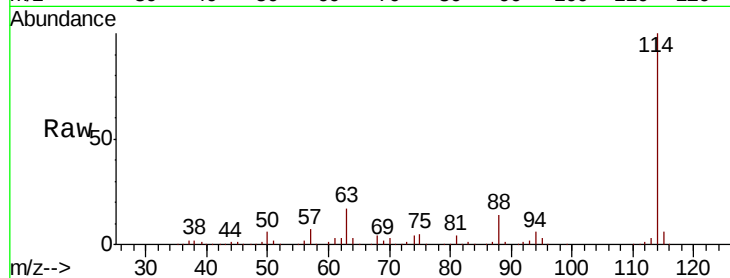




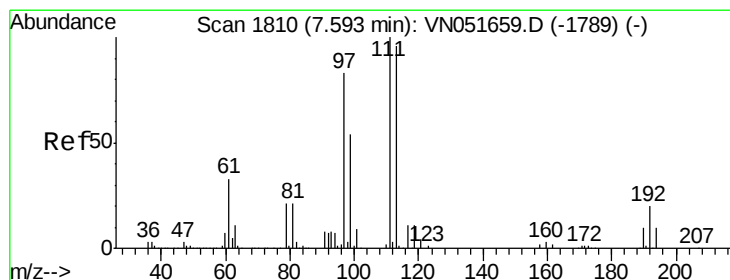
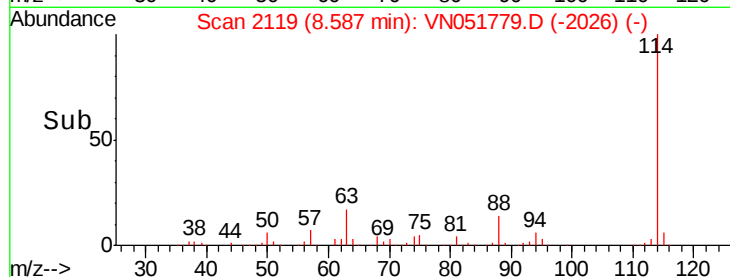
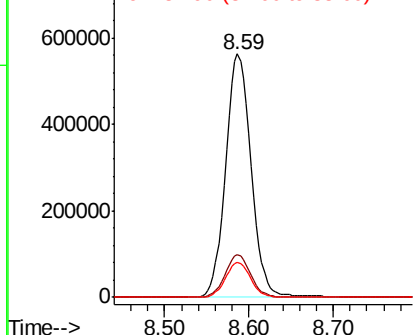
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051779.D
 Acq: 10 Oct 2018 10:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1010MBL01

Tot Ion:114 Resp: 1184074
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 36.2
 88 14.3 0.0 30.2

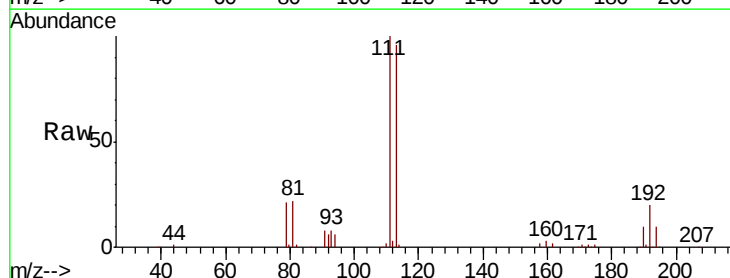


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

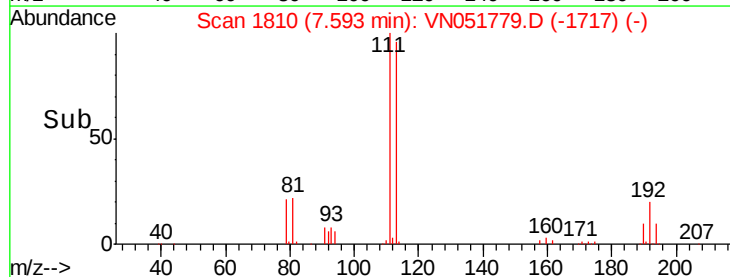
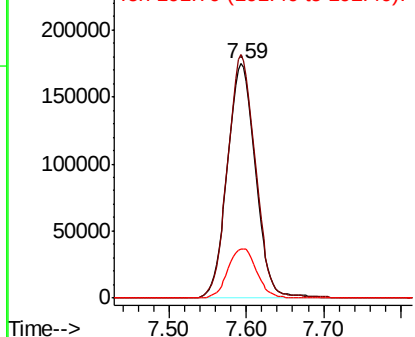


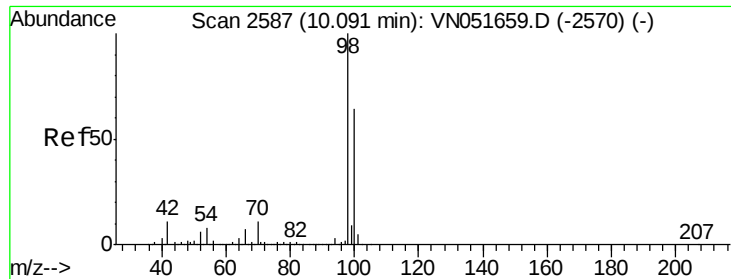
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051779.D
 Acq: 10 Oct 2018 10:19

Tgt Ion:113 Resp: 440727
 Ion Ratio Lower Upper
 113 100
 111 102.1 81.8 122.8
 192 21.6 16.5 24.7



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: VN051779.D

Acq: 10 Oct 2018 10:19

Instrument :

MSVOA_N

ClientSampled :

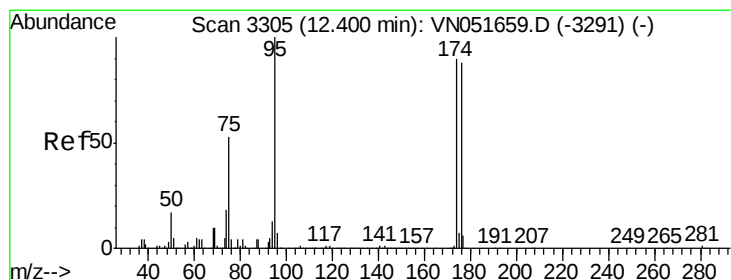
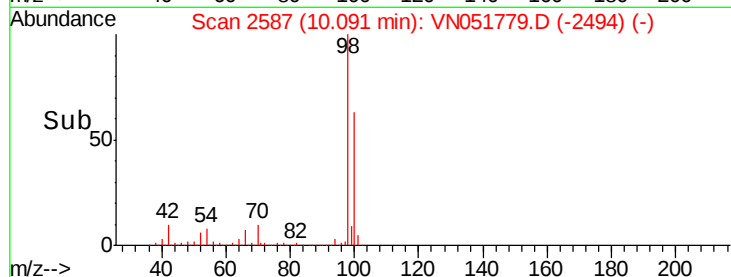
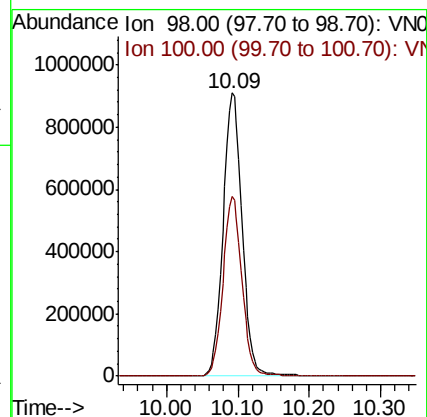
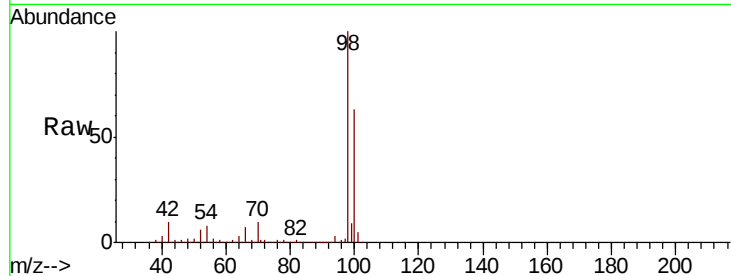
VN1010MBL01

Tot Ion: 98 Resp: 1679723

Ion Ratio Lower Upper

98 100

100 63.1 51.5 77.3



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN051779.D

Acq: 10 Oct 2018 10:19

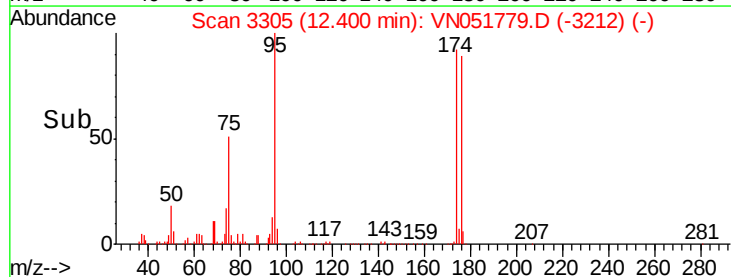
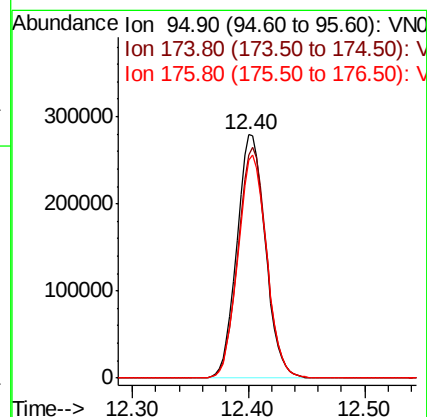
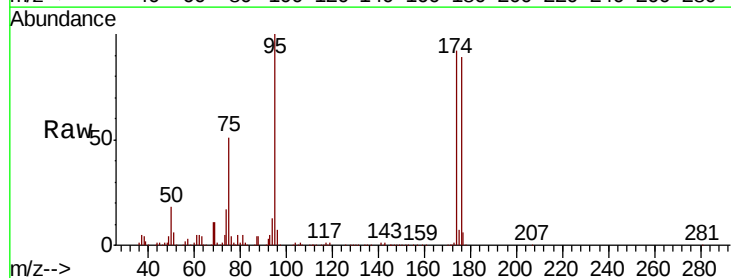
Tgt Ion: 95 Resp: 471730

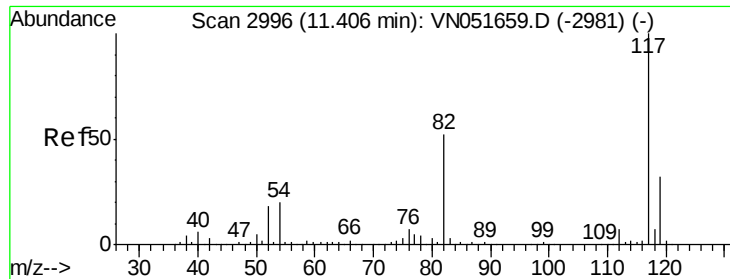
Ion Ratio Lower Upper

95 100

174 94.8 0.0 182.8

176 92.4 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: VN051779.D

Acq: 10 Oct 2018 10:19

Instrument :

MSVOA_N

ClientSampleId :

VN1010MBL01

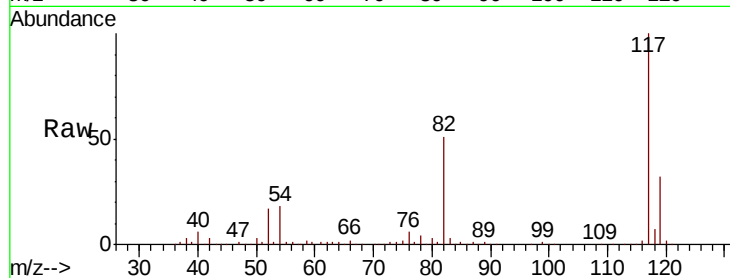
Tot Ion:117 Resp: 1040455

Ion Ratio Lower Upper

117 100

82 50.7 41.3 61.9

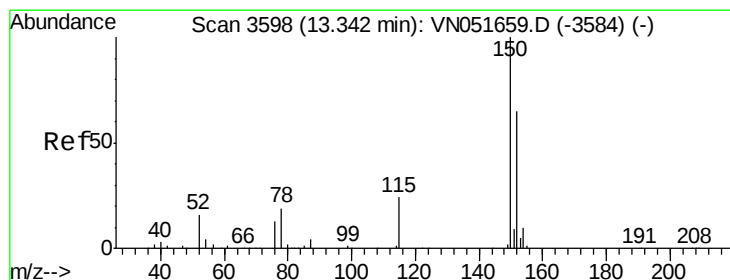
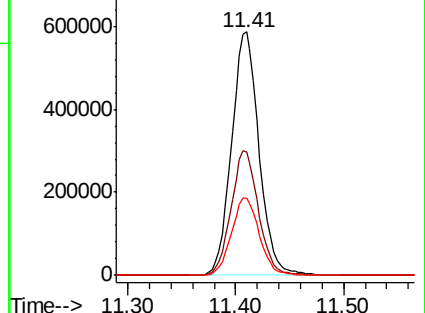
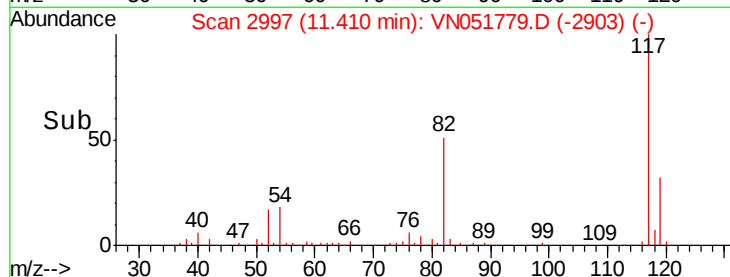
119 31.9 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051779.D

Acq: 10 Oct 2018 10:19

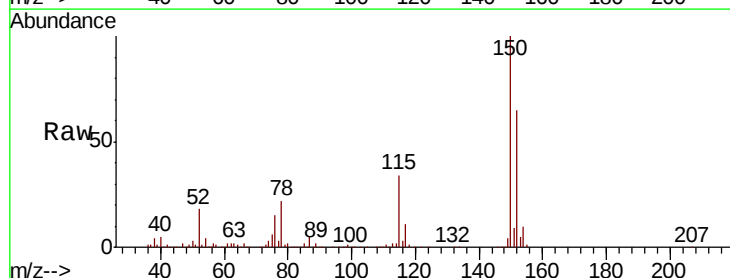
Tgt Ion:152 Resp: 391826

Ion Ratio Lower Upper

152 100

115 54.0 28.6 85.8

150 154.8 0.0 352.4



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

