

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111618\
 Data File : VN052354.D
 Acq On : 16 Nov 2018 10:30
 Operator : MD\SY
 Sample : VN1116WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1116WBL02

Quant Time: Nov 16 23:12:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 15 03:02:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	297579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	496370	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	414359	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	145131	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	214798	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
35) Dibromofluoromethane	7.59	113	163467	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
50) Toluene-d8	10.09	98	638822	50.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.44%	
62) 4-Bromofluorobenzene	12.40	95	188150	45.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.82%	

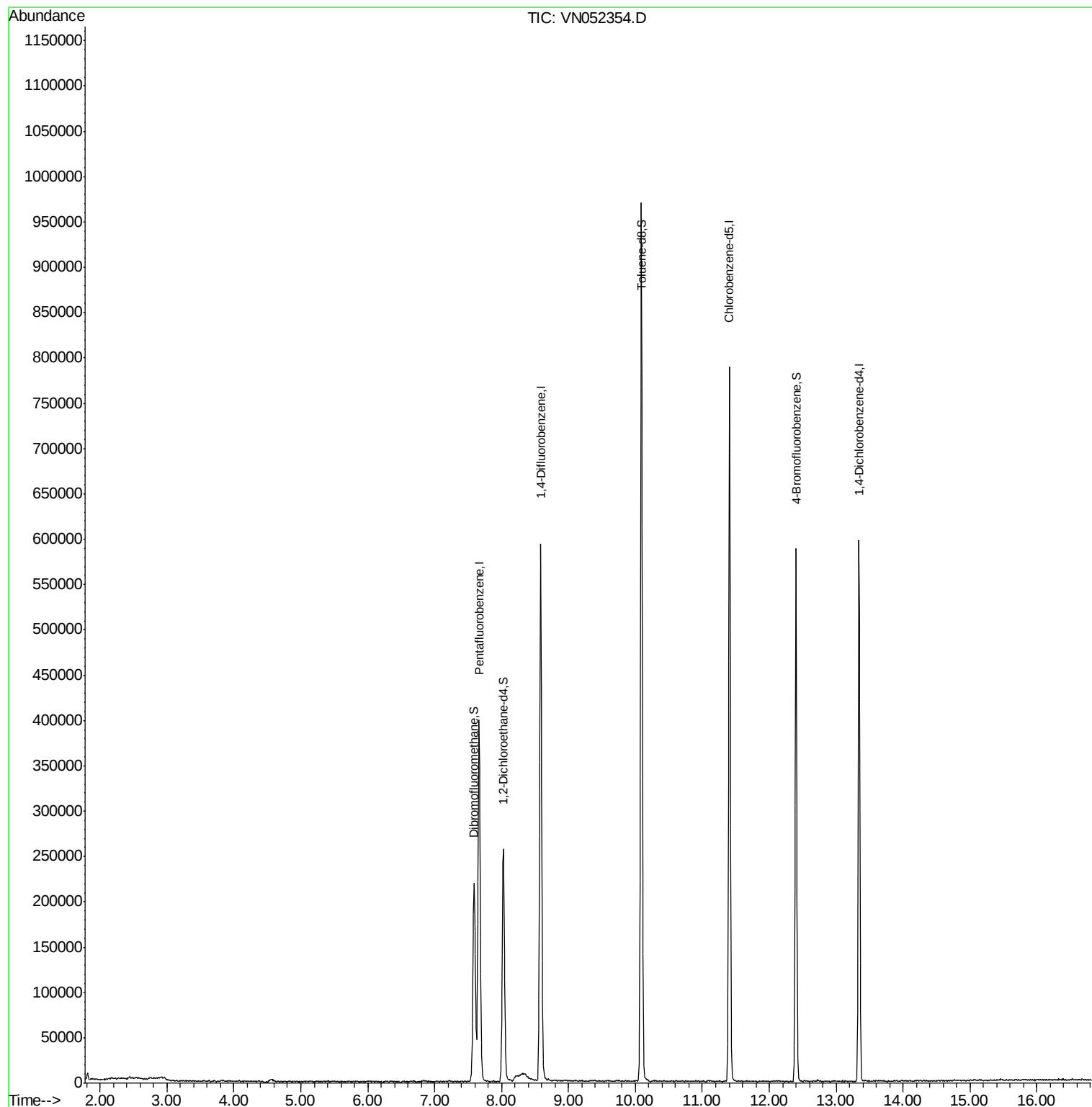
Target Compounds	Qvalue

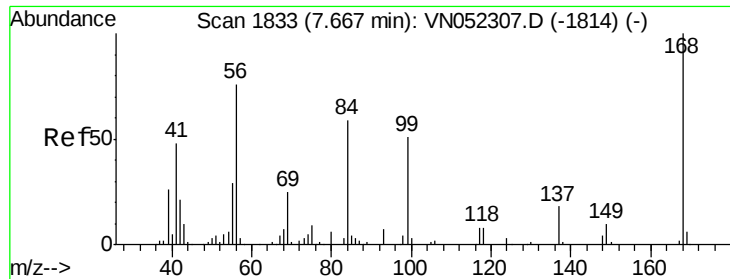
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN052354.D

Acq: 16 Nov 2018 10:30

Instrument :

MSVOA_N

ClientSampleId :

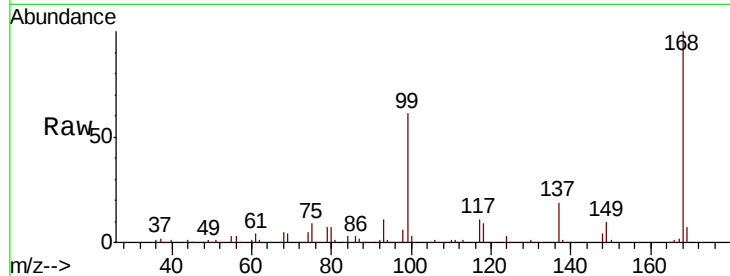
VN1116WBL02

Tot Ion:168 Resp: 297579

Ion Ratio Lower Upper

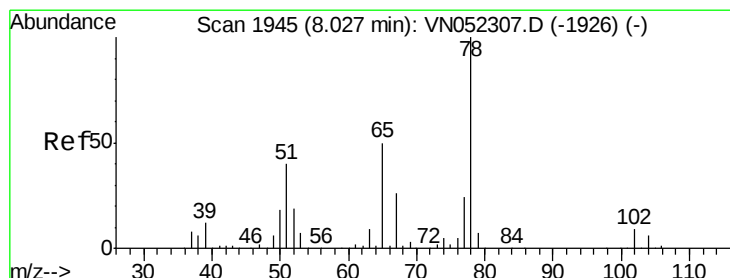
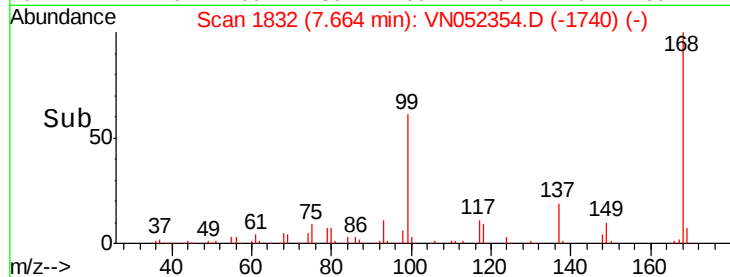
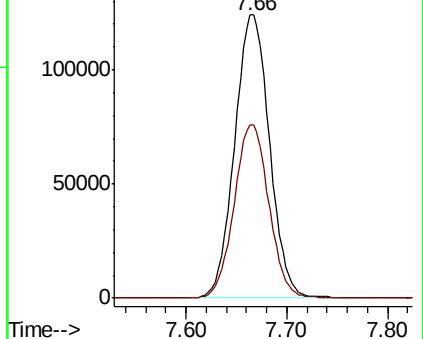
168 100

99 61.2 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN052354.D

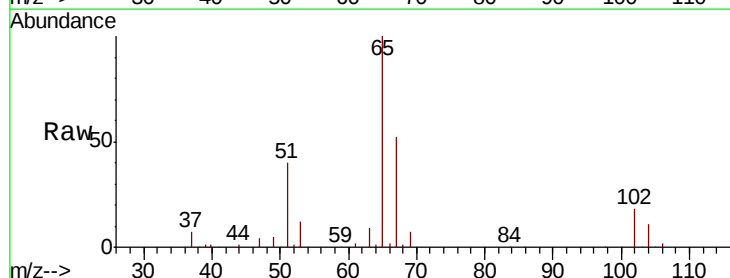
Acq: 16 Nov 2018 10:30

Tgt Ion: 65 Resp: 214798

Ion Ratio Lower Upper

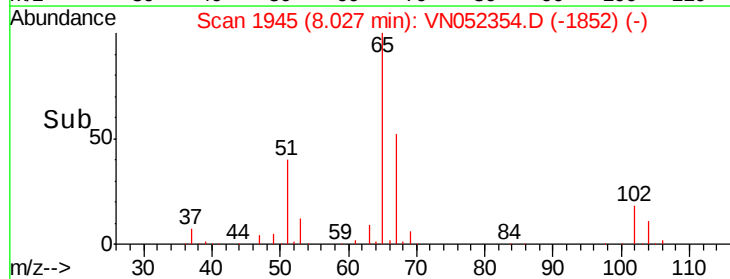
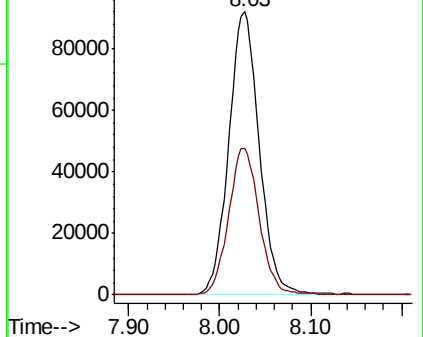
65 100

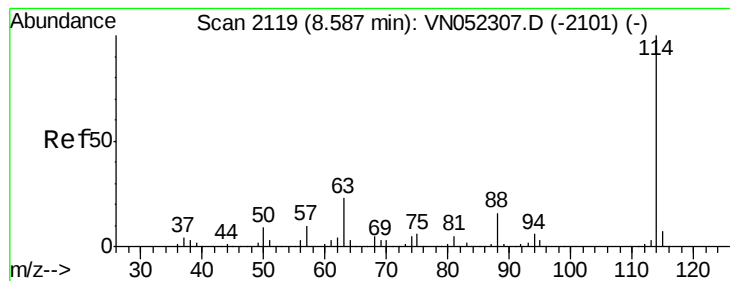
67 52.0 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN052354.D

Acq: 16 Nov 2018 10:30

Instrument :

MSVOA_N

ClientSampleId :

VN1116WBL02

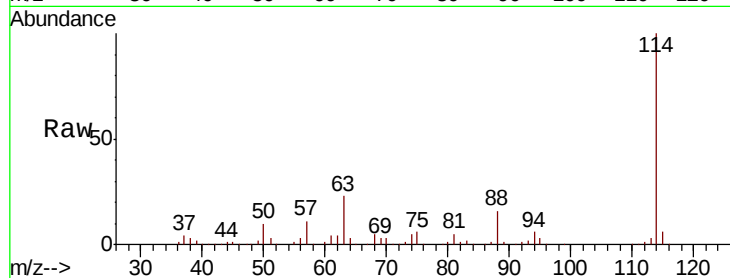
Tot Ion:114 Resp: 496370

Ion Ratio Lower Upper

114 100

63 23.3 0.0 45.4

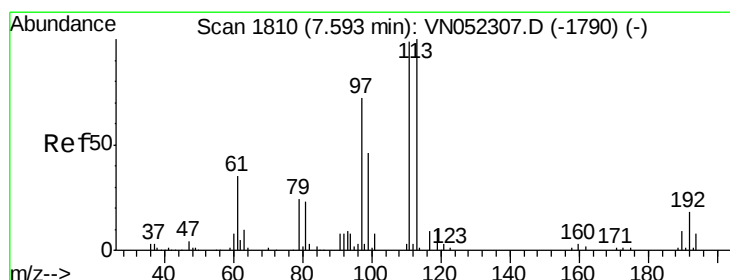
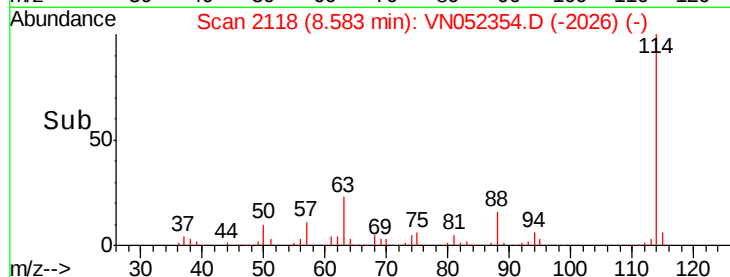
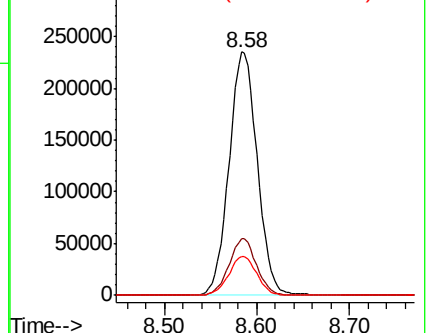
88 16.2 0.0 31.2



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# 1809

Delta R.T. -0.00 min

Lab File: VN052354.D

Acq: 16 Nov 2018 10:30

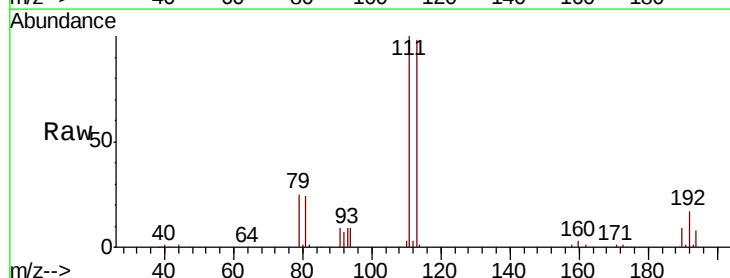
Tgt Ion:113 Resp: 163467

Ion Ratio Lower Upper

113 100

111 102.8 81.0 121.6

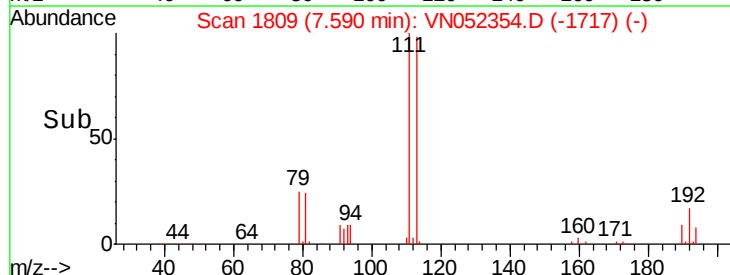
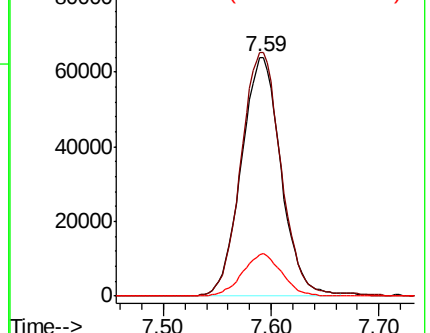
192 17.4 13.8 20.6

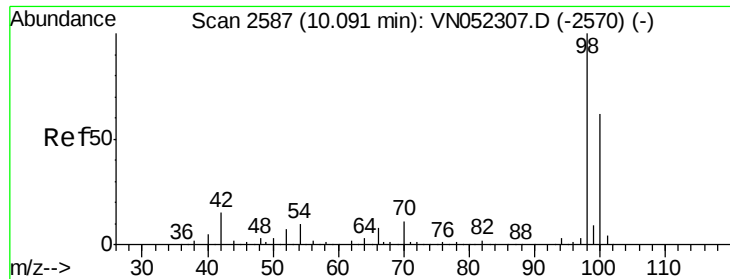


Abundance Ion 112.80 (112.50 to 113.50): V

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# 2586

Delta R.T. -0.00 min

Lab File: VN052354.D

Acq: 16 Nov 2018 10:30

Instrument :

MSVOA_N

ClientSampleId :

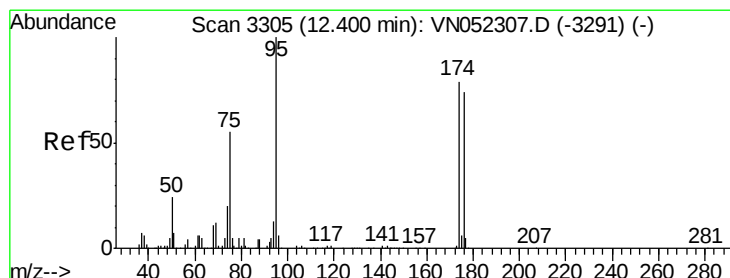
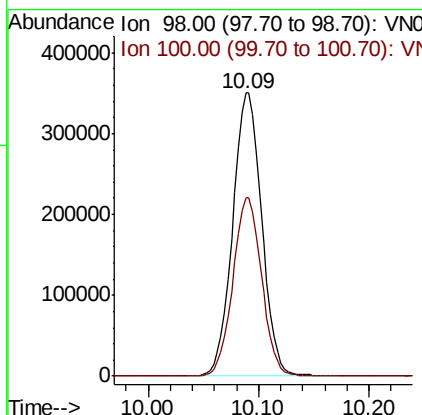
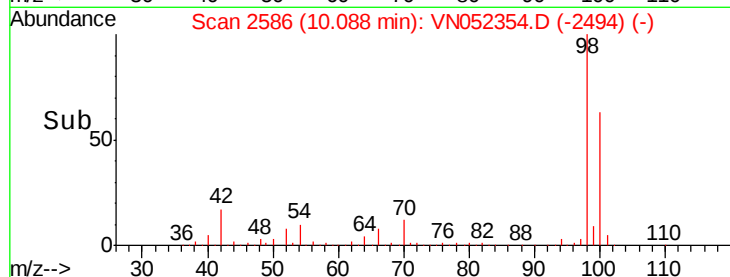
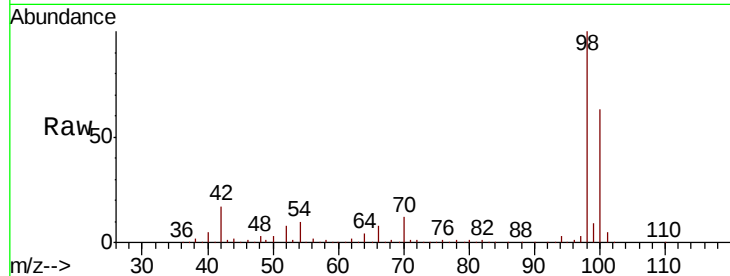
VN1116WBL02

Tot Ion: 98 Resp: 638822

Ion Ratio Lower Upper

98 100

100 62.4 49.5 74.3



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN052354.D

Acq: 16 Nov 2018 10:30

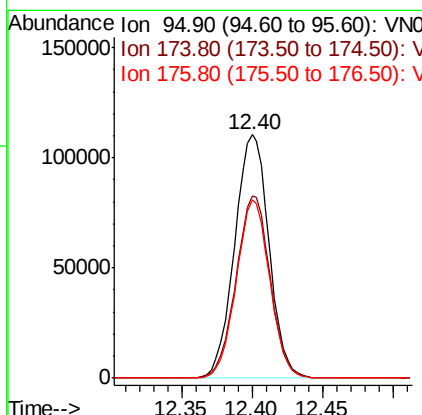
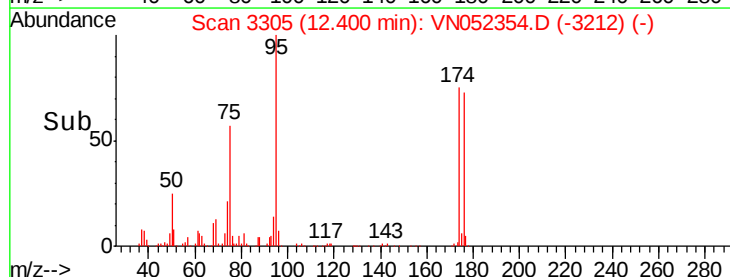
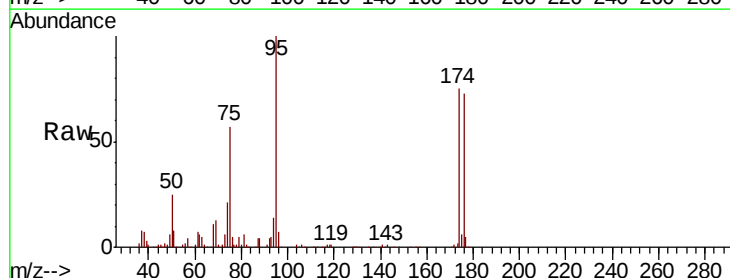
Tgt Ion: 95 Resp: 188150

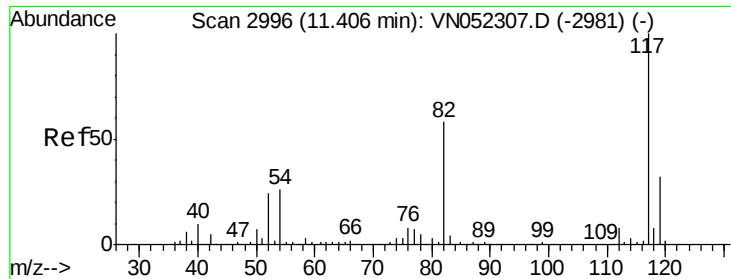
Ion Ratio Lower Upper

95 100

174 74.5 0.0 156.0

176 71.5 0.0 148.4

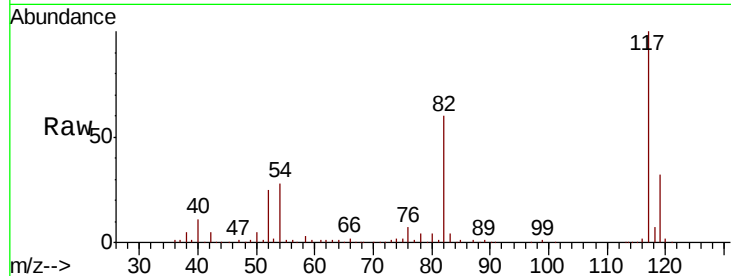




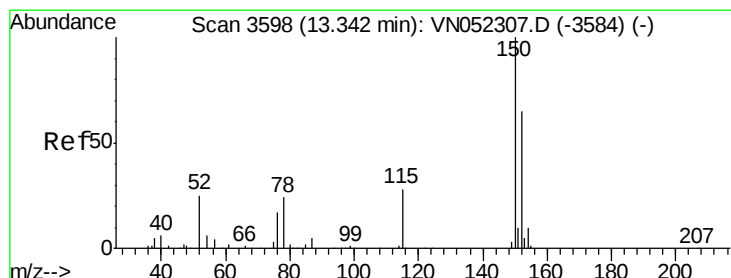
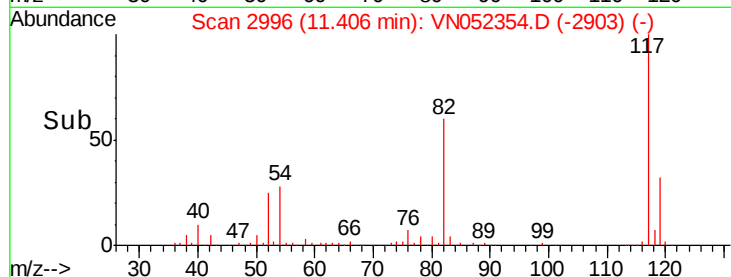
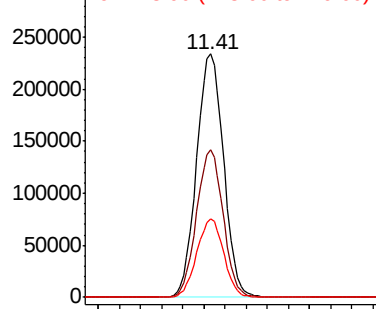
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN052354.D
Acq: 16 Nov 2018 10:30

Instrument :
MSVOA_N
ClientSampleId :
VN1116WBL02

Tot Ion:117 Resp: 414359
Ion Ratio Lower Upper
117 100
82 60.4 46.5 69.7
119 32.3 25.7 38.5

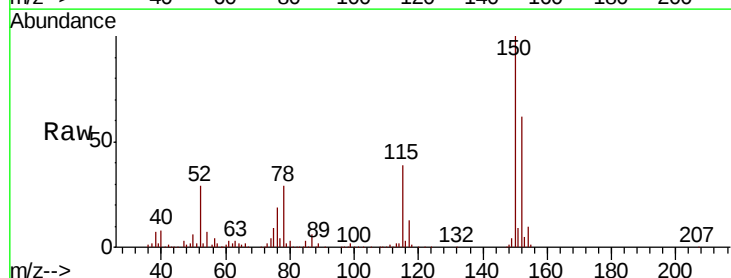


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN052354.D
Acq: 16 Nov 2018 10:30

Tgt Ion:152 Resp: 145131
Ion Ratio Lower Upper
152 100
115 60.3 30.3 91.0
150 159.4 0.0 348.2



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

