

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN010919\
 Data File : VN053320.D
 Acq On : 9 Jan 2019 10:13
 Operator : MD\SY
 Sample : VN0109WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0109WBL01

Quant Time: Jan 10 03:30:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1126175	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1732993	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1572715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	656134	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	551580	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
35) Dibromofluoromethane	7.59	113	486941	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
50) Toluene-d8	10.09	98	2117422	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	12.40	95	718809	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	

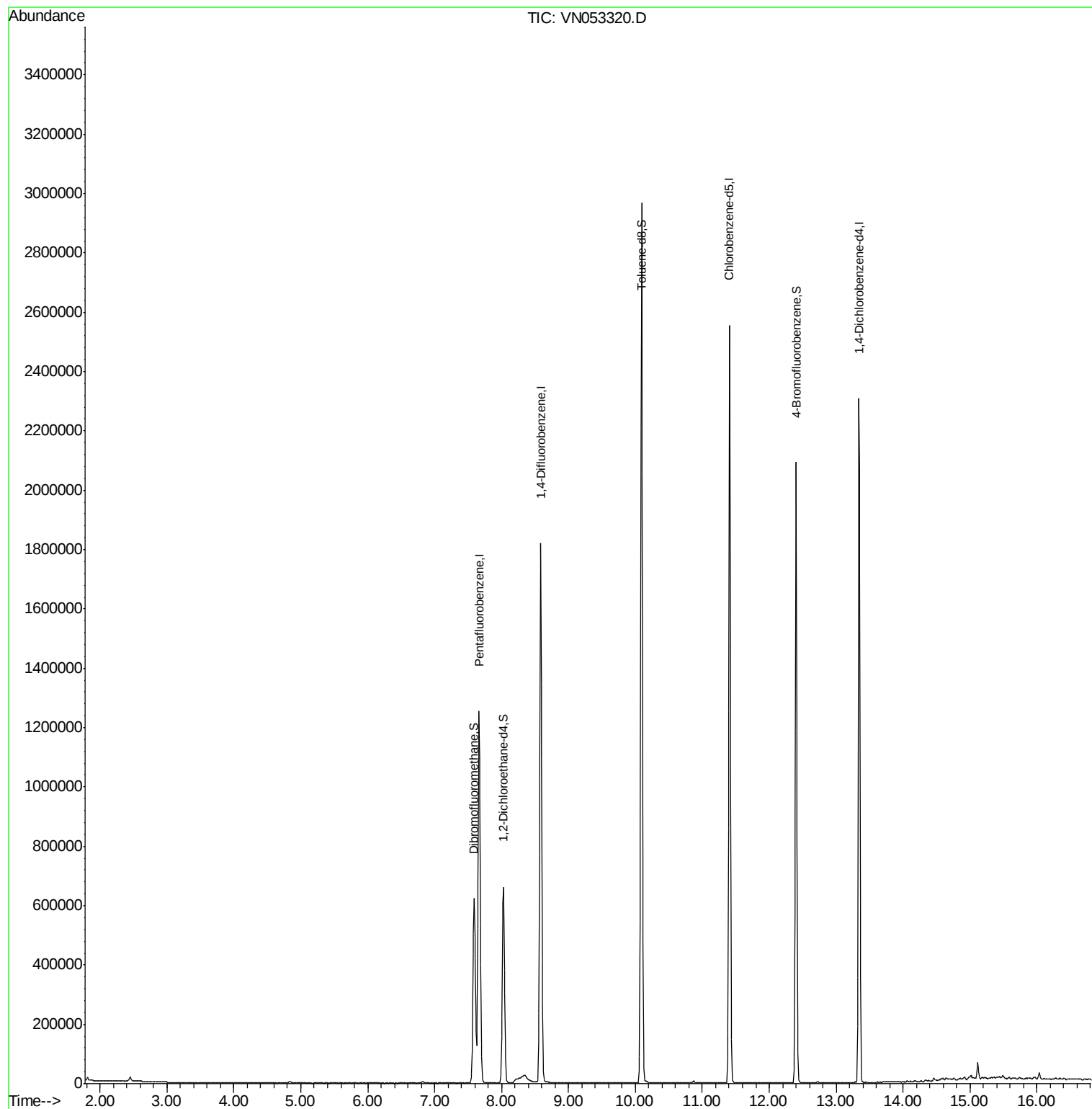
Target Compounds	Qvalue
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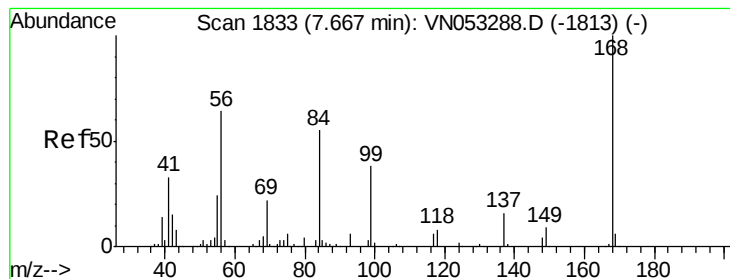
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053320.D

Acq: 9 Jan 2019 10:13

Instrument :

MSVOA_N

ClientSampled :

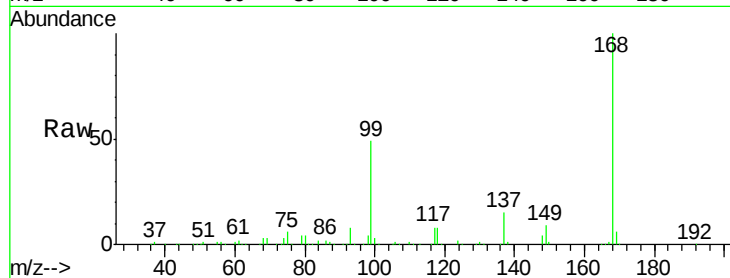
VN0109WBL01

Tot Ion:168 Resp: 1126175

Ion Ratio Lower Upper

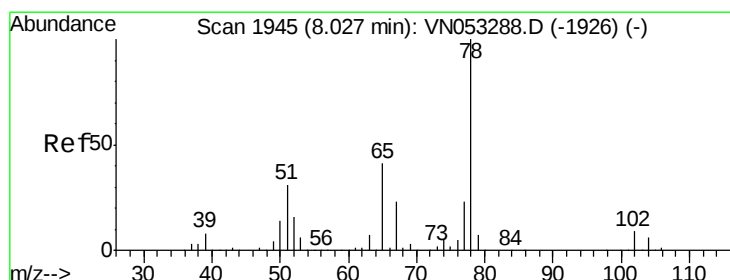
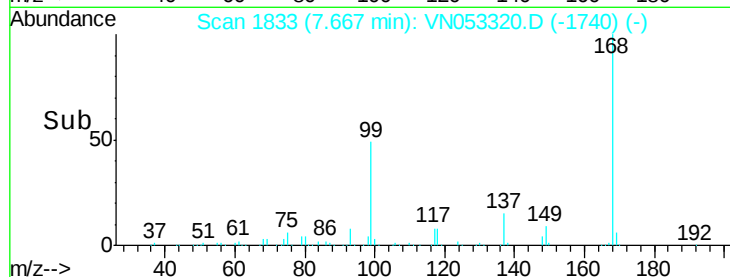
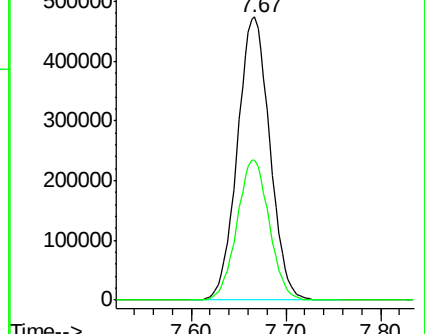
168 100

99 49.3 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053320.D

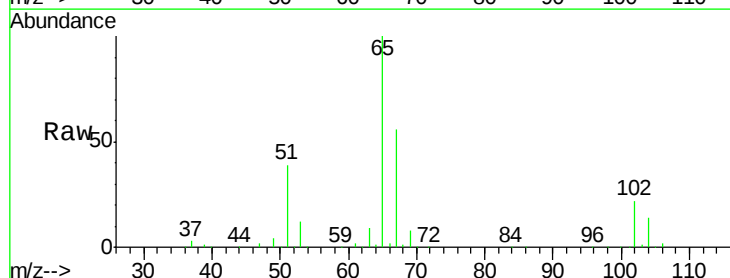
Acq: 9 Jan 2019 10:13

Tgt Ion: 65 Resp: 551580

Ion Ratio Lower Upper

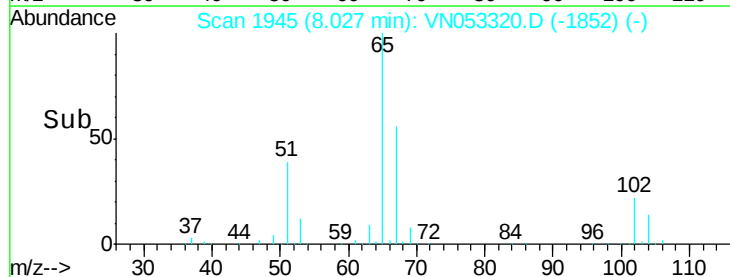
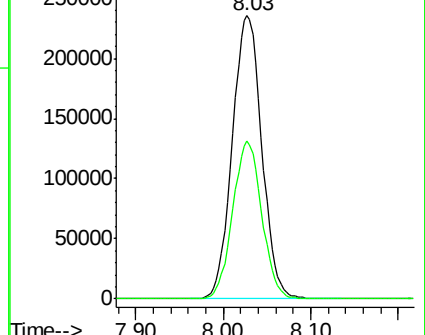
65 100

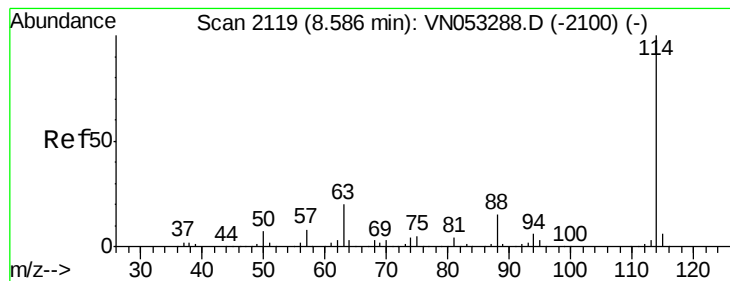
67 54.9 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053320.D

Acq: 9 Jan 2019 10:13

Instrument :

MSVOA_N

ClientSampleId :

VN0109WBL01

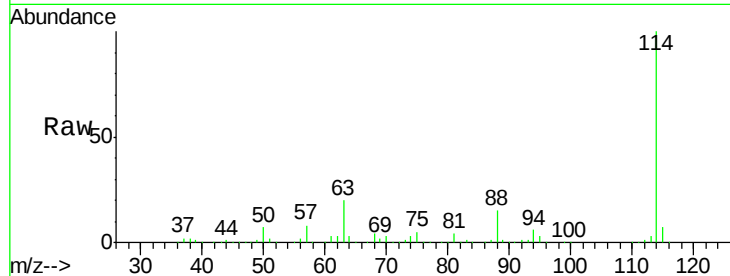
Tot Ion:114 Resp: 1732993

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.0

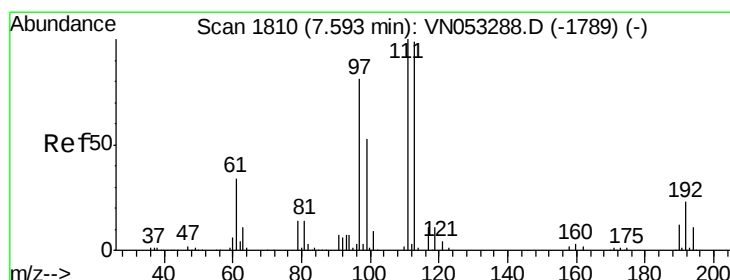
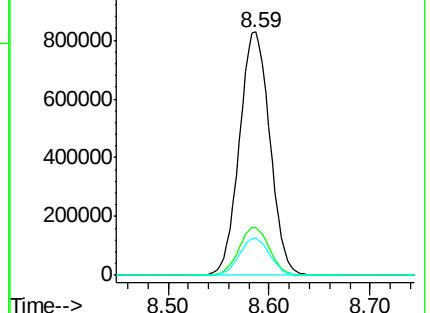
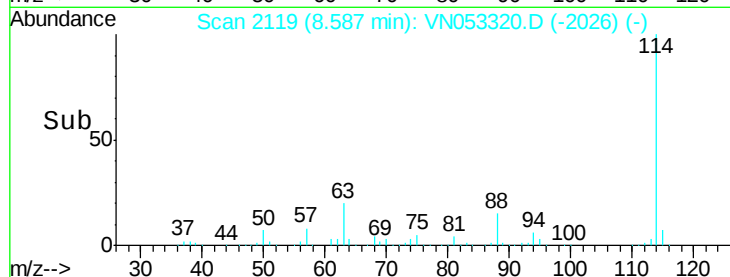
88 15.2 0.0 30.8



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: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN053320.D

Acq: 9 Jan 2019 10:13

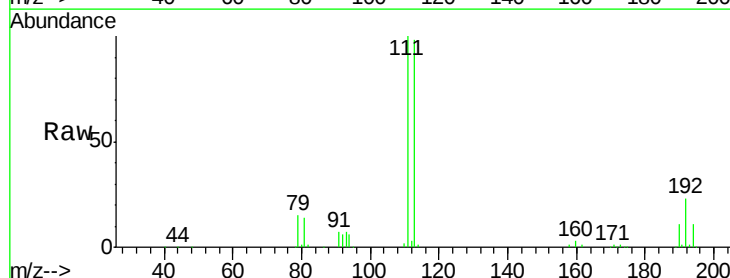
Tgt Ion:113 Resp: 486941

Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.2

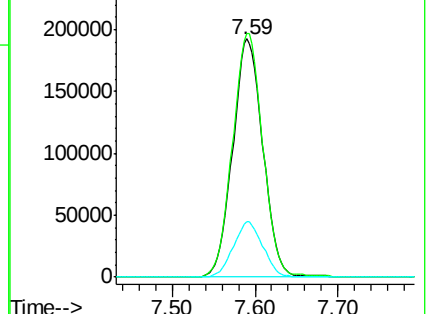
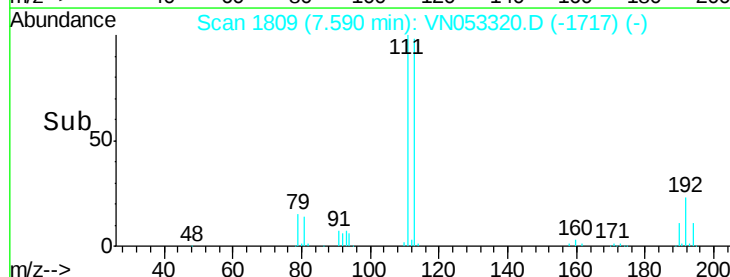
192 22.7 17.9 26.9

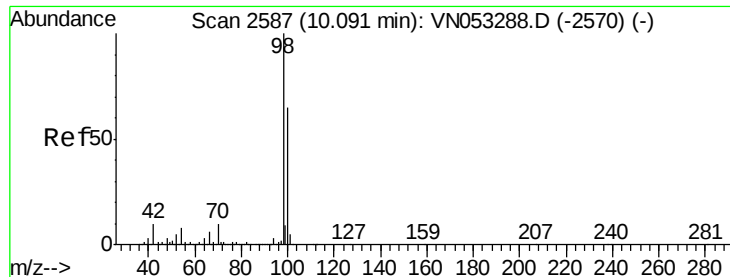


Abundance Ion 112.80 (112.50 to 113.50): V

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: VN053320.D

Acq: 9 Jan 2019 10:13

Instrument :

MSVOA_N

ClientSampled :

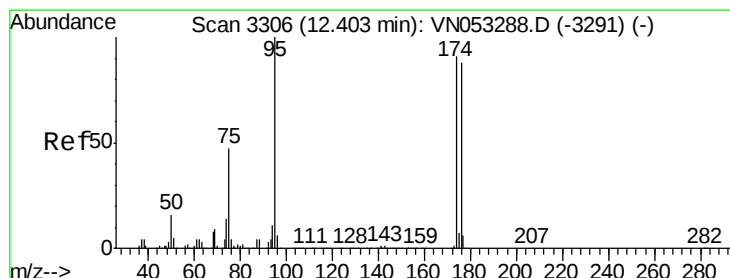
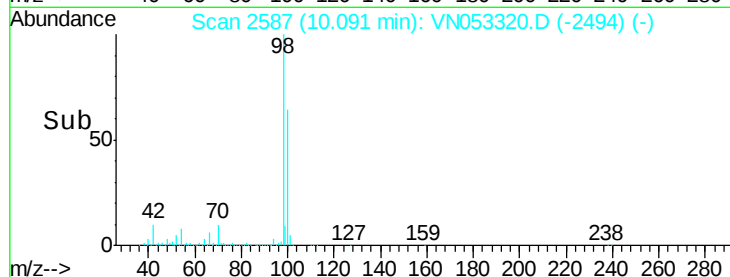
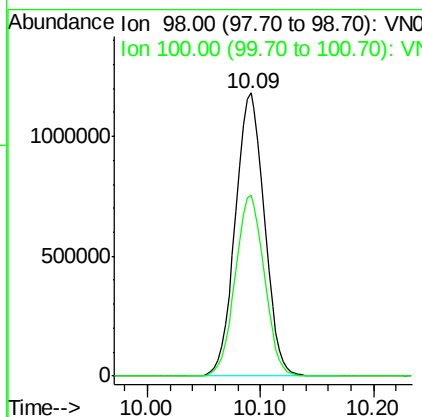
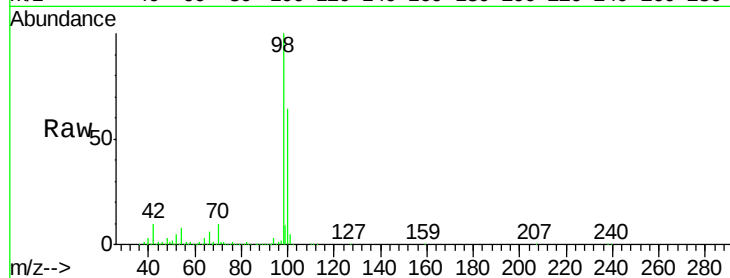
VN0109WBL01

Tot Ion: 98 Resp: 2117422

Ion Ratio Lower Upper

98 100

100 63.9 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: VN053320.D

Acq: 9 Jan 2019 10:13

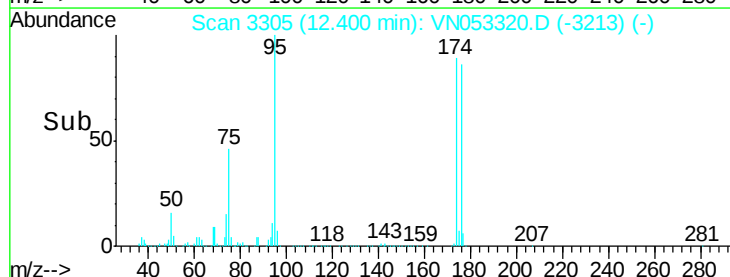
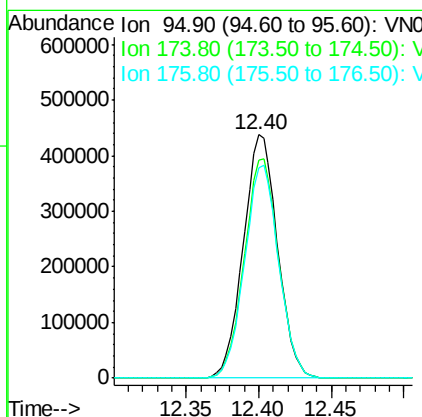
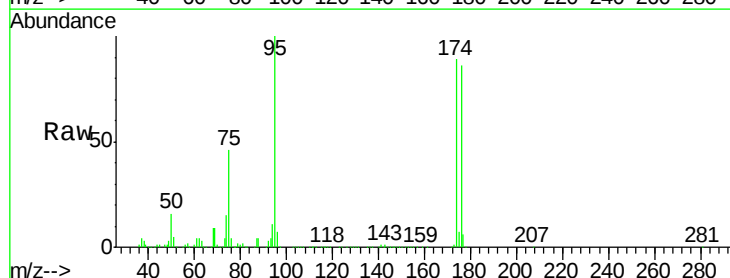
Tgt Ion: 95 Resp: 718809

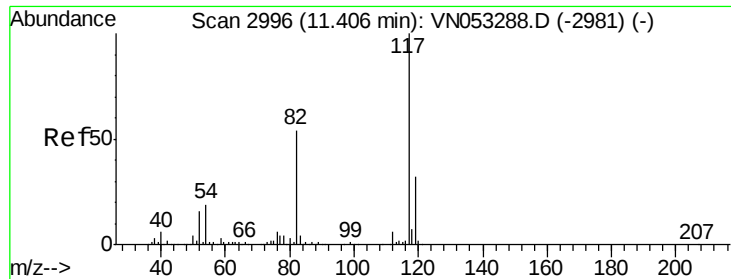
Ion Ratio Lower Upper

95 100

174 90.1 0.0 180.4

176 87.4 0.0 175.6

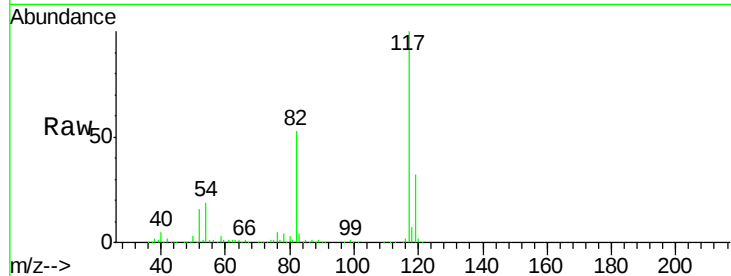




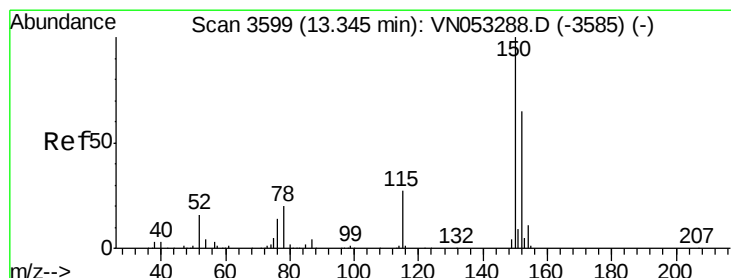
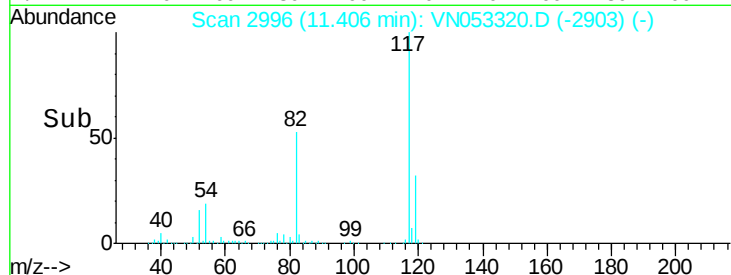
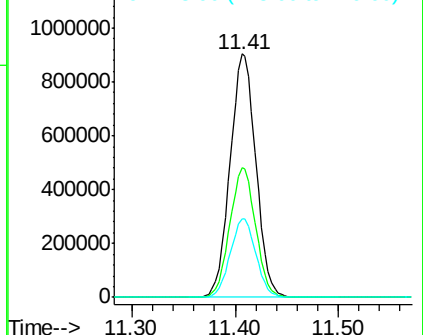
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053320.D
Acq: 9 Jan 2019 10:13

Instrument :
MSVOA_N
ClientSampleId :
VN0109WBL01

Tot Ion:117 Resp: 1572715
Ion Ratio Lower Upper
117 100
82 53.3 42.9 64.3
119 32.4 25.6 38.4

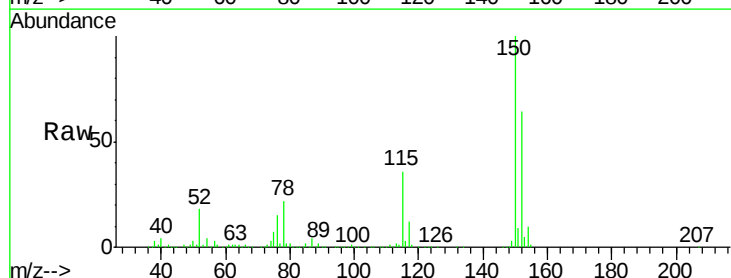


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053320.D
Acq: 9 Jan 2019 10:13

Tgt Ion:152 Resp: 656134
Ion Ratio Lower Upper
152 100
115 56.2 28.0 84.0
150 157.0 0.0 346.6



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

