

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030519\
 Data File : VN054099.D
 Acq On : 5 Mar 2019 15:14
 Operator : JC/SP
 Sample : K1727-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-9

Quant Time: Mar 06 09:28:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	582020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1062677	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1053456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	391949	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	371153	54.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.80%	
35) Dibromofluoromethane	7.59	113	341711	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
50) Toluene-d8	10.09	98	1356910	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	
62) 4-Bromofluorobenzene	12.40	95	461226	54.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.24%	

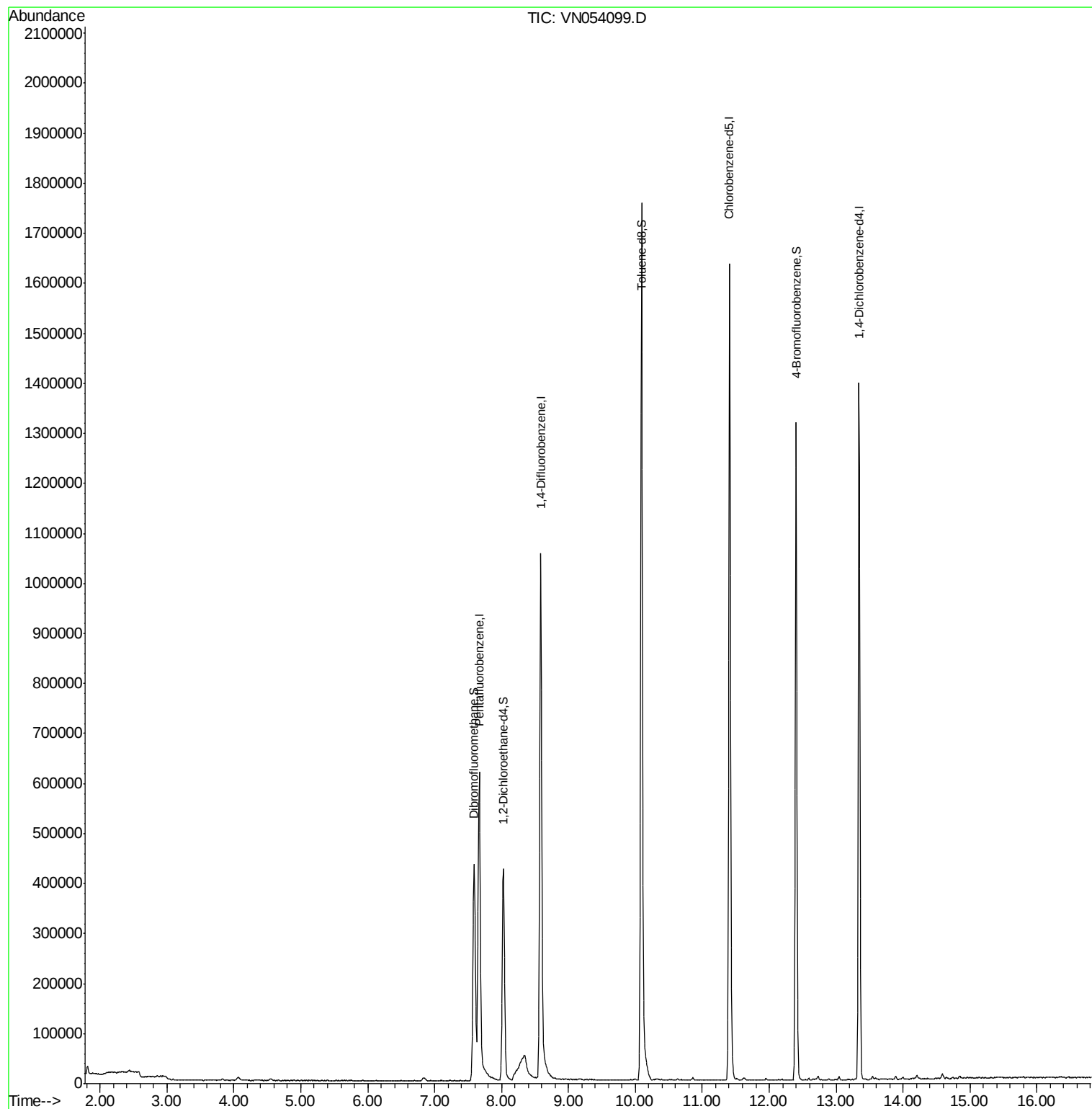
Target Compounds	Qvalue

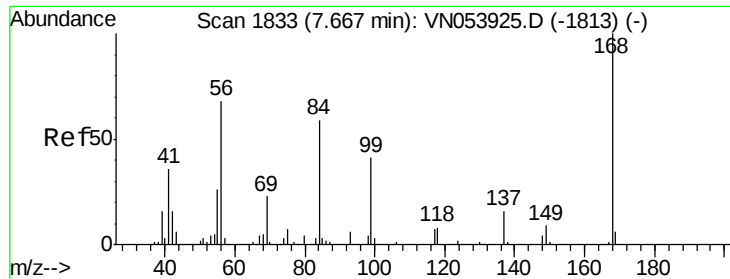
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054099.D

Acq: 5 Mar 2019 15:14

Instrument :

MSVOA_N

ClientSampleId :

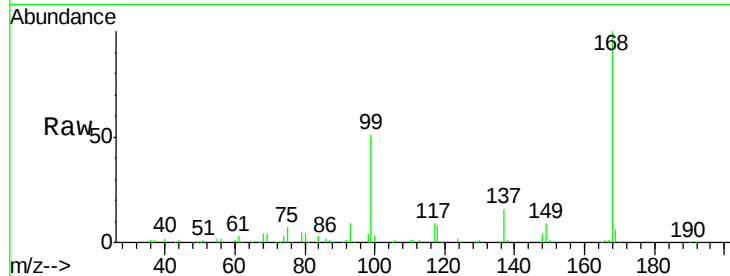
MW-9

Tot Ion:168 Resp: 582020

Ion Ratio Lower Upper

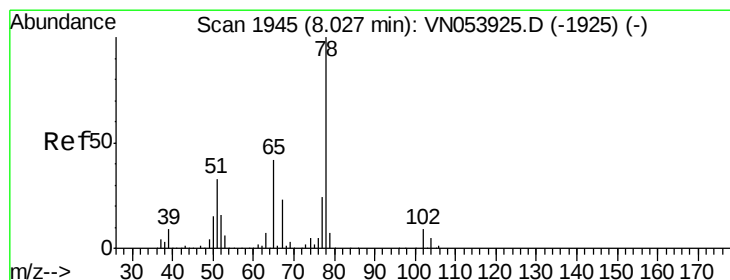
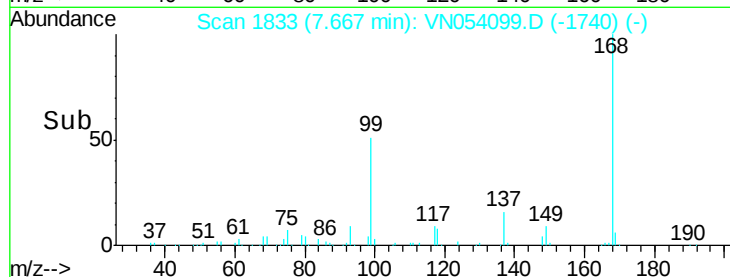
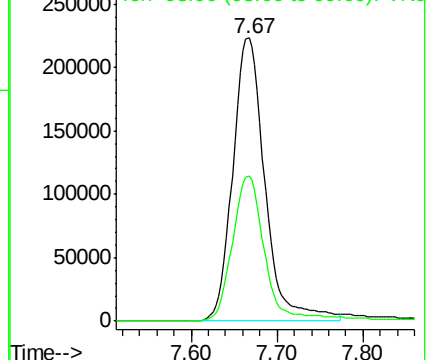
168 100

99 51.2 36.9 55.3



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: 54.401 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054099.D

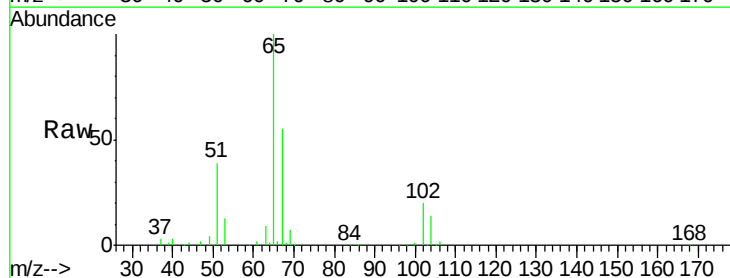
Acq: 5 Mar 2019 15:14

Tgt Ion: 65 Resp: 371153

Ion Ratio Lower Upper

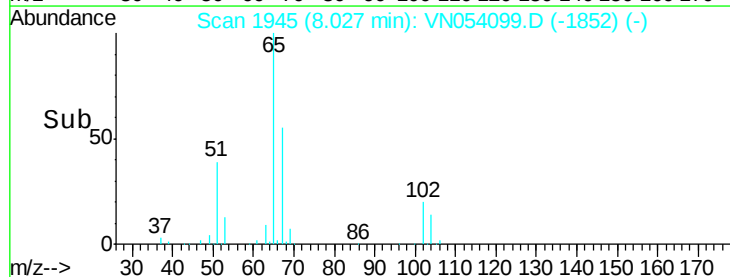
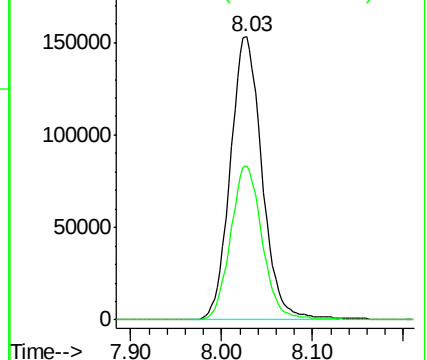
65 100

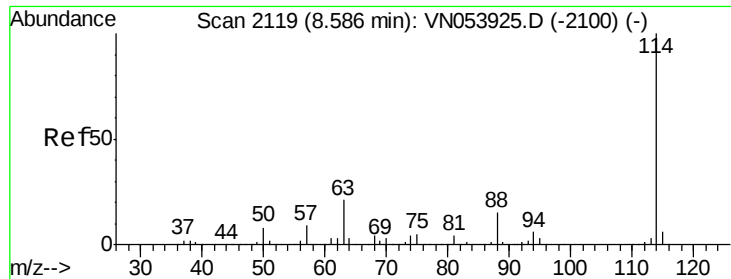
67 54.4 0.0 111.8



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: VN054099.D

Acq: 5 Mar 2019 15:14

Instrument :

MSVOA_N

ClientSampleId :

MW-9

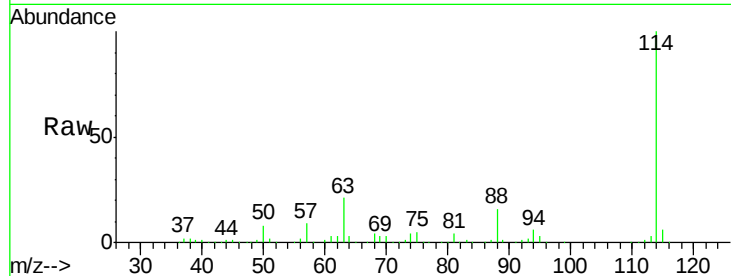
Tot Ion:114 Resp: 1062677

Ion Ratio Lower Upper

114 100

63 20.8 0.0 37.4

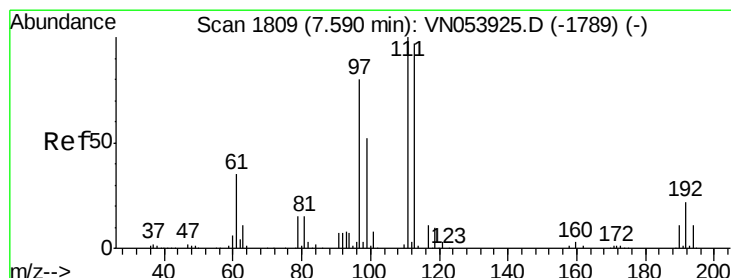
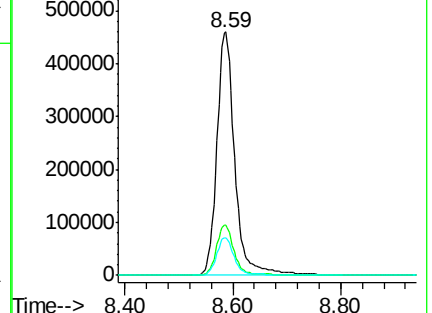
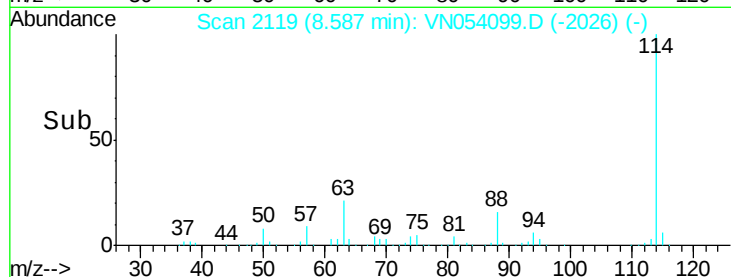
88 15.6 0.0 30.4



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: 49.726 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054099.D

Acq: 5 Mar 2019 15:14

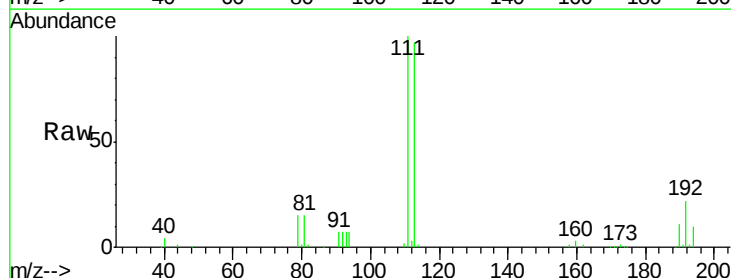
Tgt Ion:113 Resp: 341711

Ion Ratio Lower Upper

113 100

111 102.2 81.1 121.7

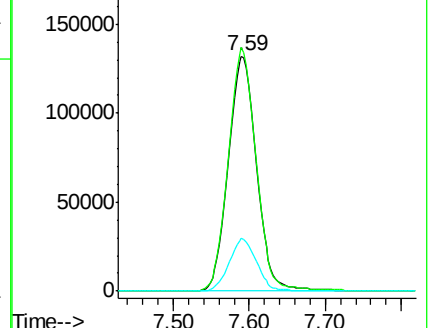
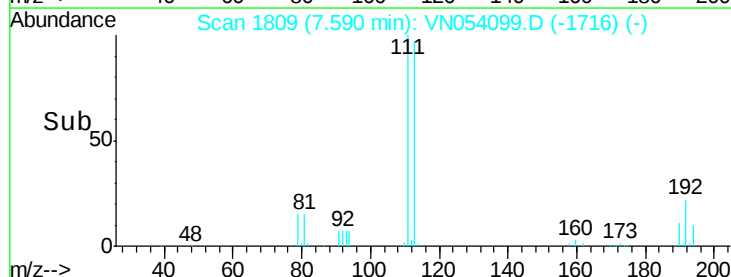
192 21.6 18.8 28.2

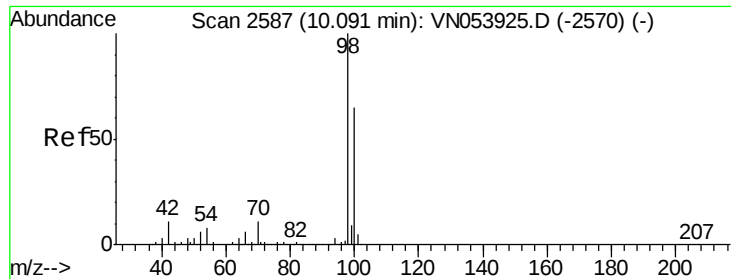


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.044 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054099.D

Acq: 5 Mar 2019 15:14

Instrument :

MSVOA_N

ClientSampled :

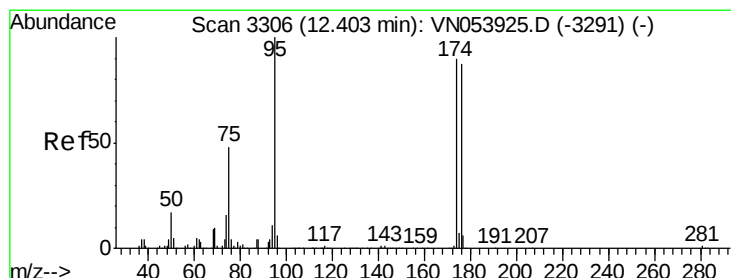
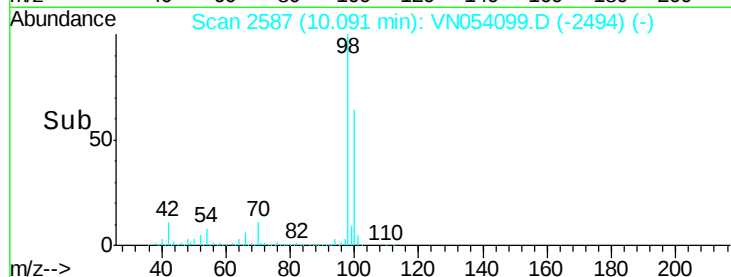
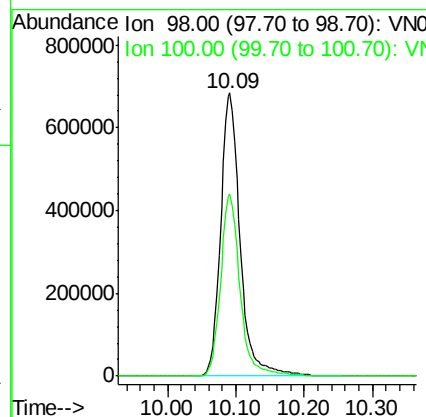
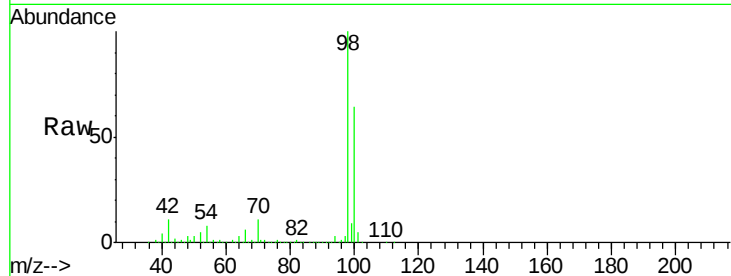
MW-9

Tot Ion: 98 Resp: 1356910

Ion Ratio Lower Upper

98 100

100 64.0 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 54.116 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054099.D

Acq: 5 Mar 2019 15:14

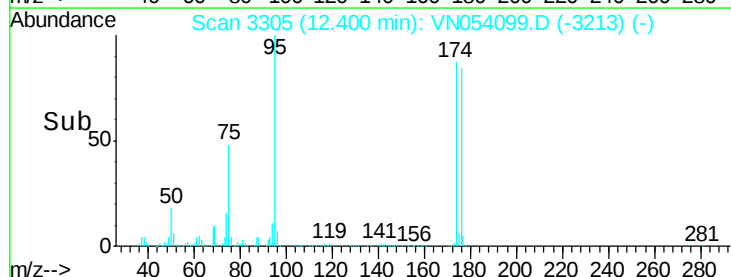
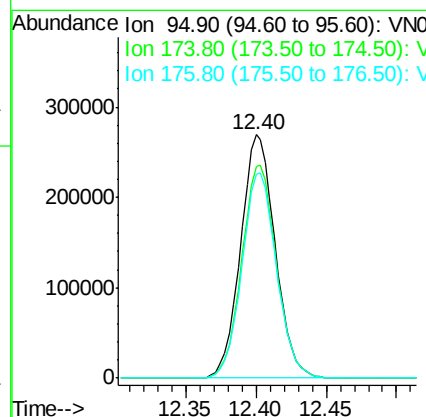
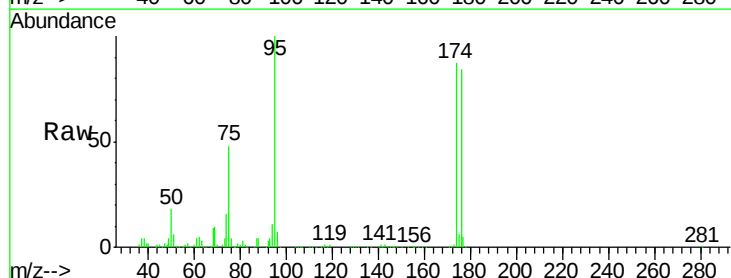
Tgt Ion: 95 Resp: 461226

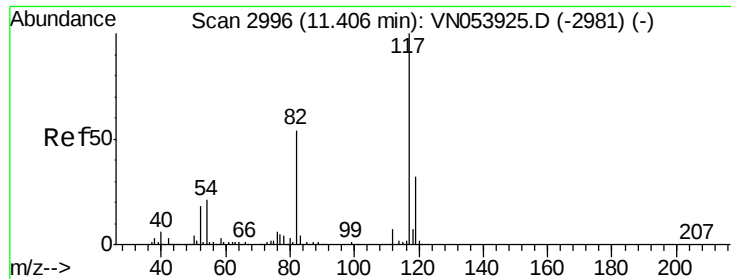
Ion Ratio Lower Upper

95 100

174 88.1 0.0 188.8

176 84.7 0.0 182.6

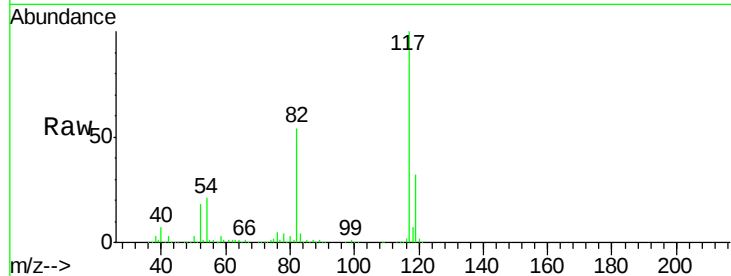




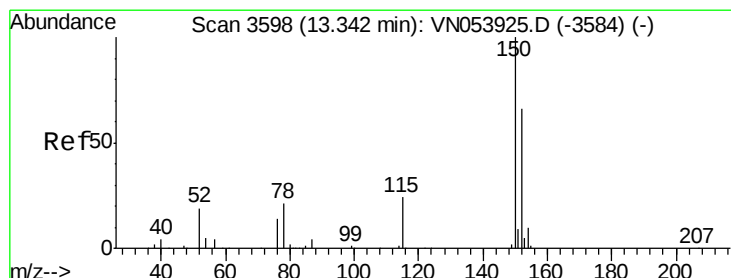
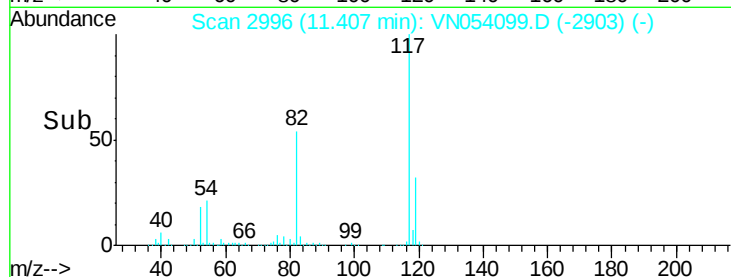
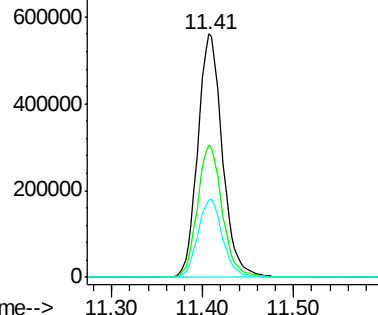
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054099.D
Acq: 5 Mar 2019 15:14

Instrument :
MSVOA_N
ClientSampled :
MW-9

Tot Ion:117 Resp: 1053456
Ion Ratio Lower Upper
117 100
82 54.4 41.4 62.2
119 32.0 25.3 37.9

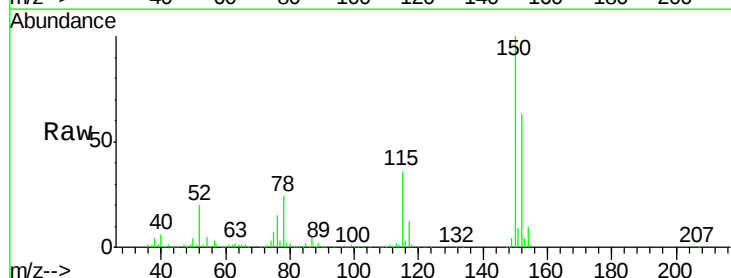


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054099.D
Acq: 5 Mar 2019 15:14

Tgt Ion:152 Resp: 391949
Ion Ratio Lower Upper
152 100
115 57.0 27.2 81.6
150 156.6 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

