

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030519\
 Data File : VN054100.D
 Acq On : 5 Mar 2019 15:41
 Operator : JC/SP
 Sample : K1727-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-8

Quant Time: Mar 06 03:15:30 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	600203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1079272	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1054768	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	369865	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	368354	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	
35) Dibromofluoromethane	7.59	113	344701	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
50) Toluene-d8	10.09	98	1364757	52.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.06%	
62) 4-Bromofluorobenzene	12.40	95	450756	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	

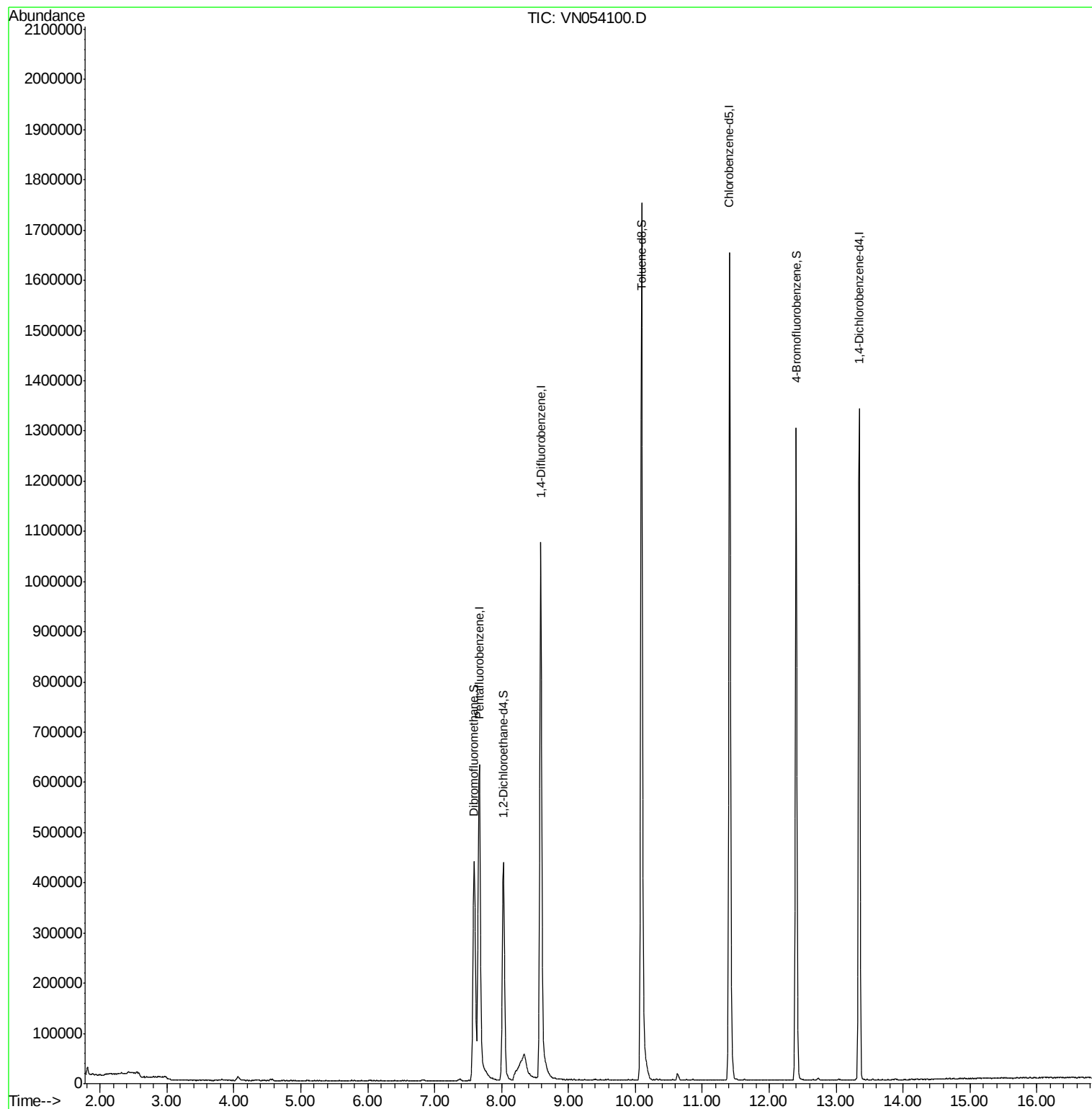
Target Compounds	Qvalue

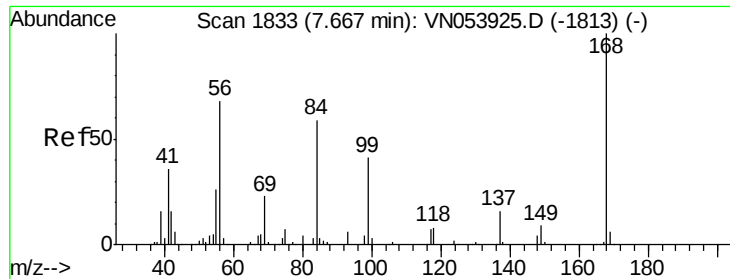
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN054100.D

Acq: 5 Mar 2019 15:41

Instrument :

MSVOA_N

ClientSampled :

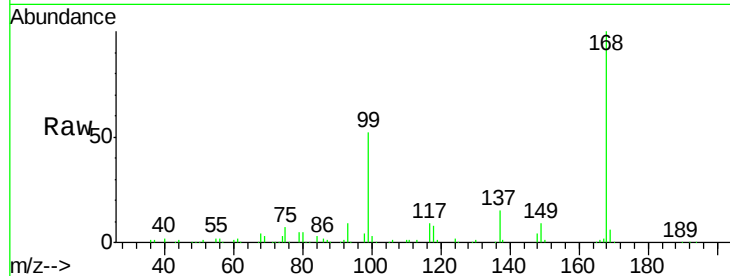
MW-8

Tot Ion:168 Resp: 600203

Ion Ratio Lower Upper

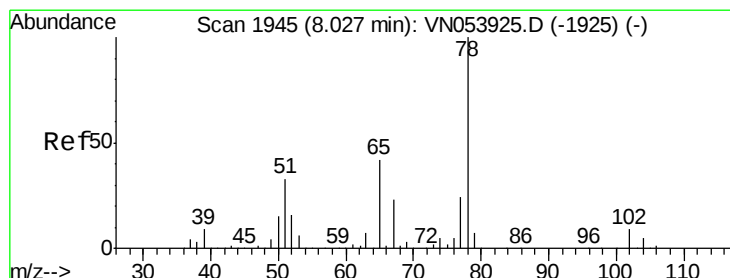
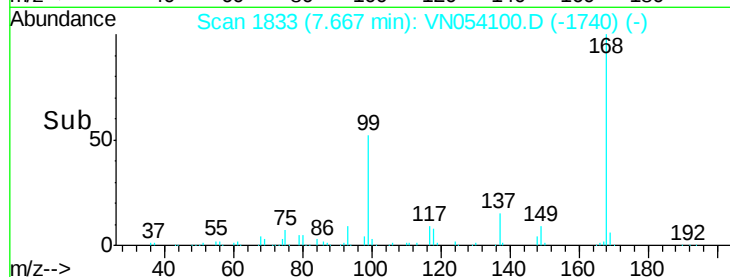
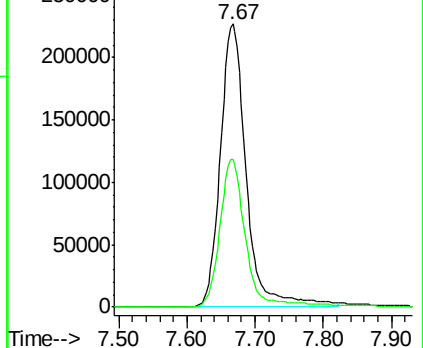
168 100

99 52.2 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: 52.355 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054100.D

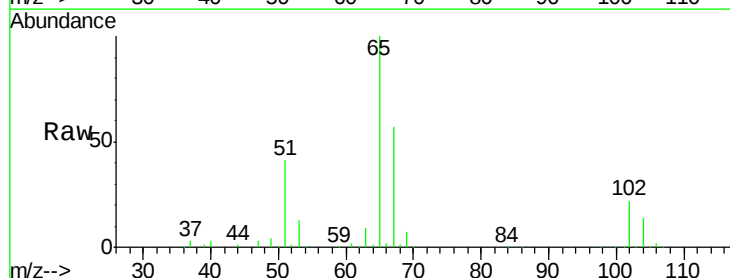
Acq: 5 Mar 2019 15:41

Tgt Ion: 65 Resp: 368354

Ion Ratio Lower Upper

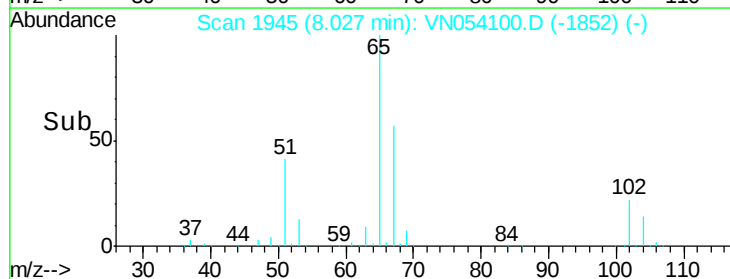
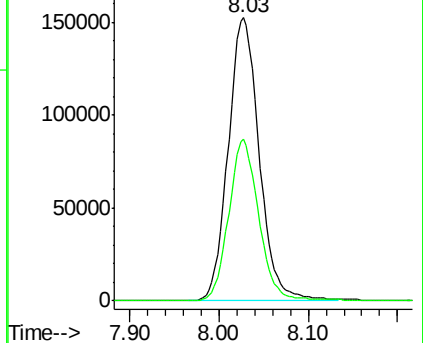
65 100

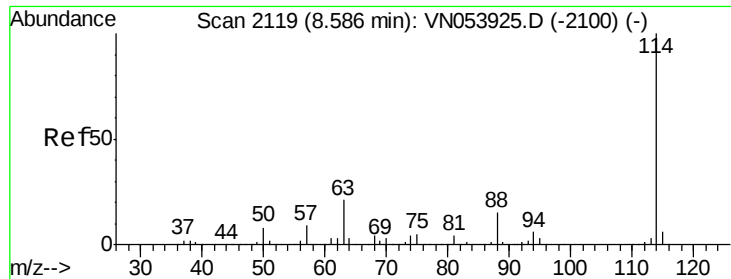
67 55.5 0.0 111.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

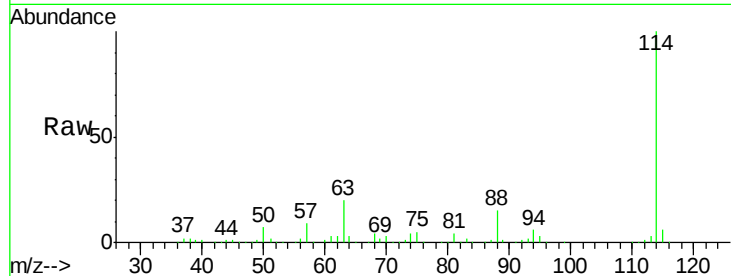




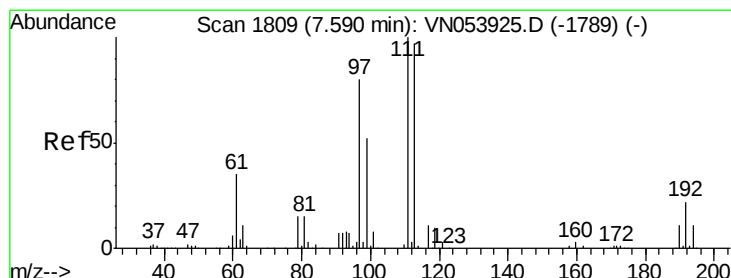
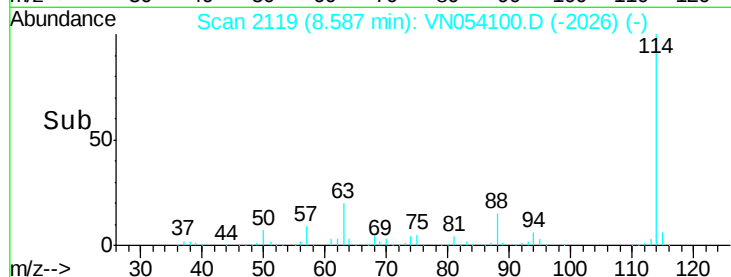
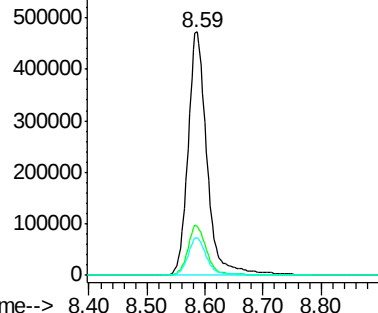
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN054100.D
Acq: 5 Mar 2019 15:41

Instrument :
MSVOA_N
ClientSampleId :
MW-8

Tot Ion:114 Resp: 1079272
Ion Ratio Lower Upper
114 100
63 20.4 0.0 37.4
88 15.4 0.0 30.4

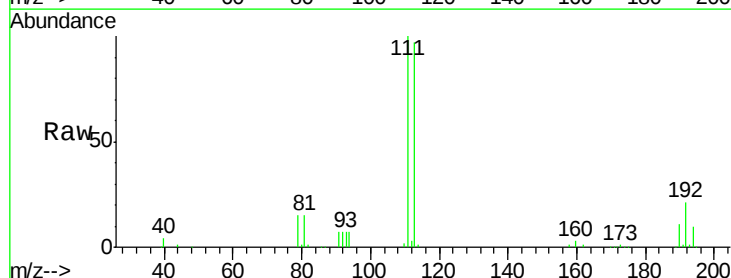


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

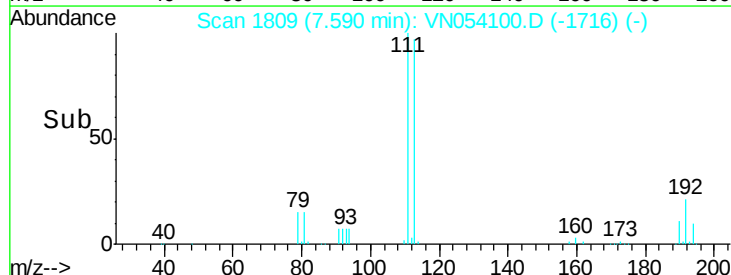
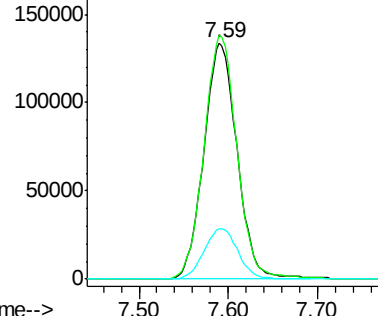


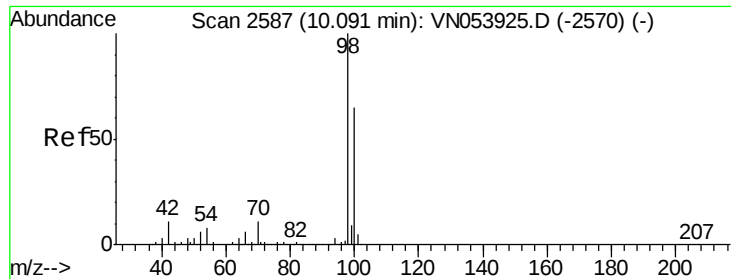
#35
Dibromofluoromethane
Concen: 49.390 ug/l
RT: 7.59 min Scan# 1809
Delta R.T. 0.00 min
Lab File: VN054100.D
Acq: 5 Mar 2019 15:41

Tgt Ion:113 Resp: 344701
Ion Ratio Lower Upper
113 100
111 102.7 81.1 121.7
192 21.8 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: 52.530 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054100.D

Acq: 5 Mar 2019 15:41

Instrument :

MSVOA_N

ClientSampleId :

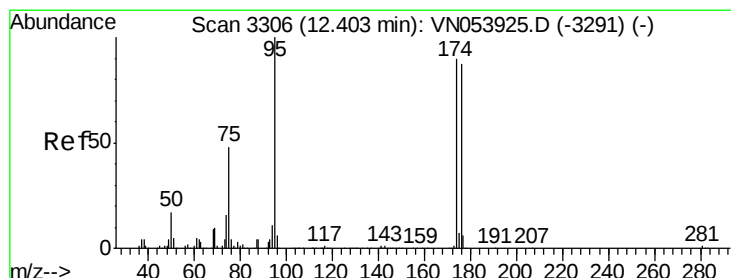
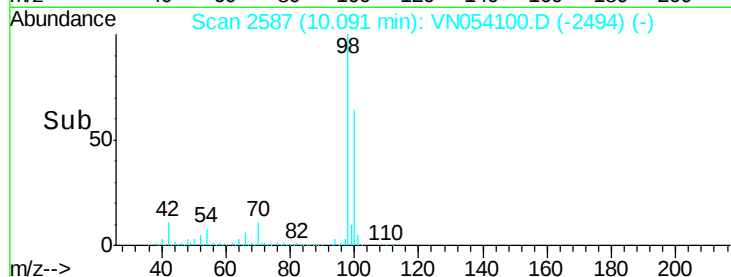
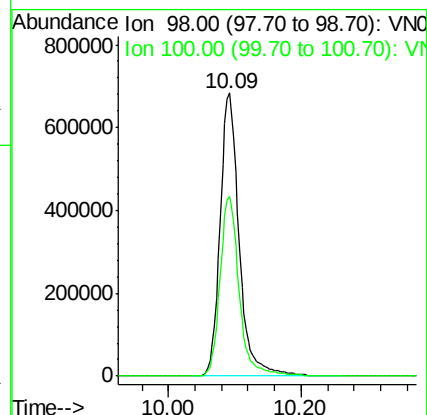
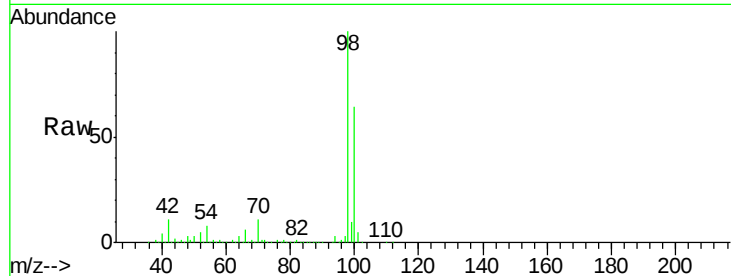
MW-8

Tot Ion: 98 Resp: 1364757

Ion Ratio Lower Upper

98 100

100 63.7 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 52.075 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054100.D

Acq: 5 Mar 2019 15:41

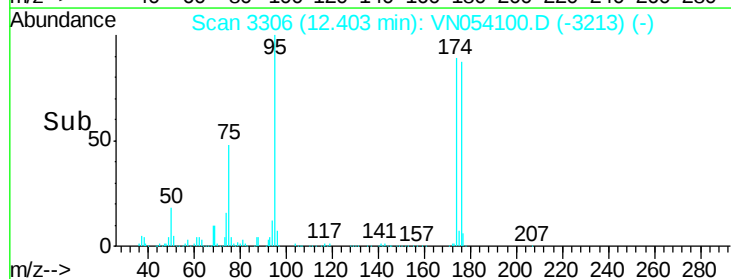
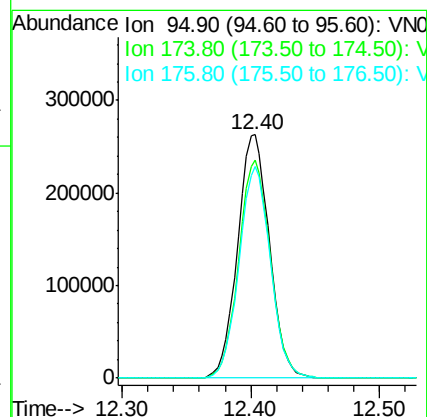
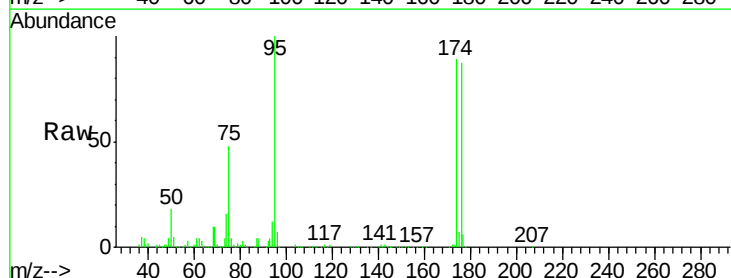
Tgt Ion: 95 Resp: 450756

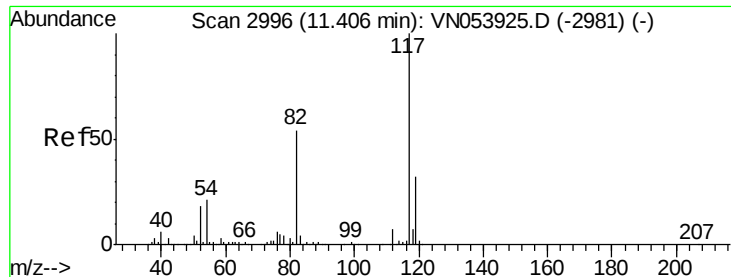
Ion Ratio Lower Upper

95 100

174 89.0 0.0 188.8

176 85.6 0.0 182.6

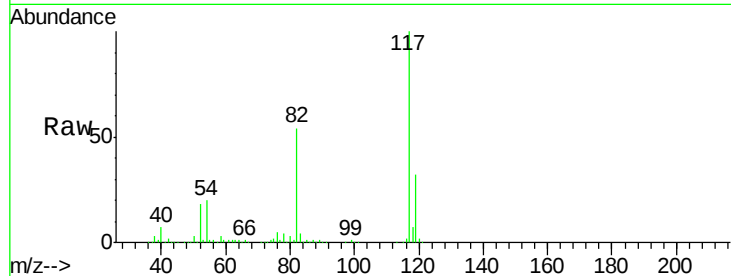




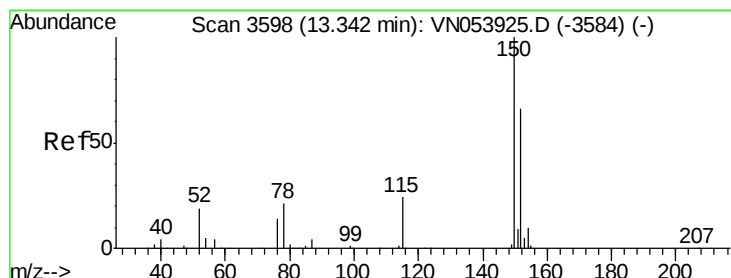
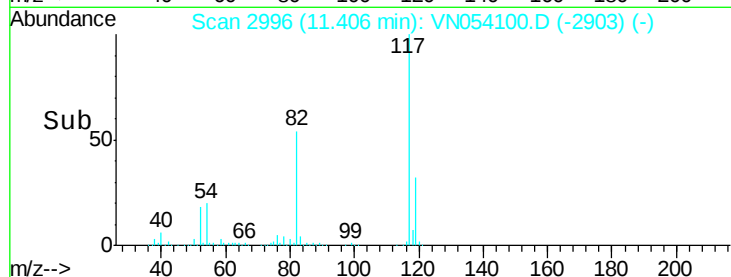
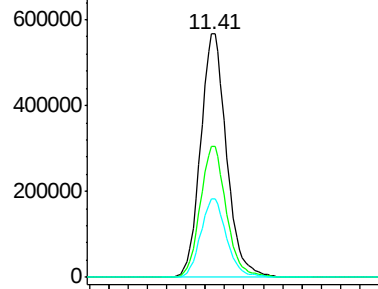
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054100.D
Acq: 5 Mar 2019 15:41

Instrument :
MSVOA_N
ClientSampled :
MW-8

Tot Ion:117 Resp: 1054768
Ion Ratio Lower Upper
117 100
82 54.0 41.4 62.2
119 32.0 25.3 37.9

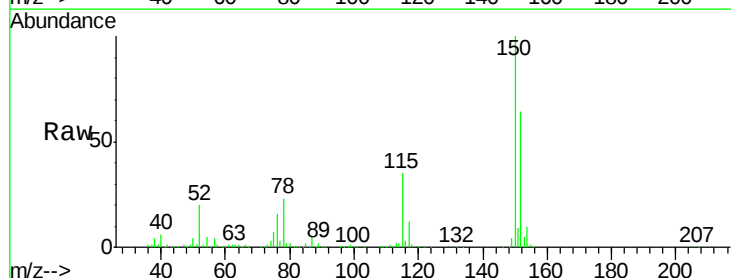


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054100.D
Acq: 5 Mar 2019 15:41

Tgt Ion:152 Resp: 369865
Ion Ratio Lower Upper
152 100
115 56.7 27.2 81.6
150 155.9 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

