

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011720\
 Data File : VN059769.D
 Acq On : 17 Jan 2020 18:29
 Operator : JC/MD
 Sample : L1184-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 AOC-9-NORTH-(SETTLED)

Quant Time: Jan 18 01:55:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 14 08:58:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	188948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	283398	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	240457	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	95367	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	98983	47.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.34%	
35) Dibromofluoromethane	7.57	113	87192	51.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.18%	
50) Toluene-d8	10.08	98	323618	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
62) 4-Bromofluorobenzene	12.40	95	105356	44.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.26%	

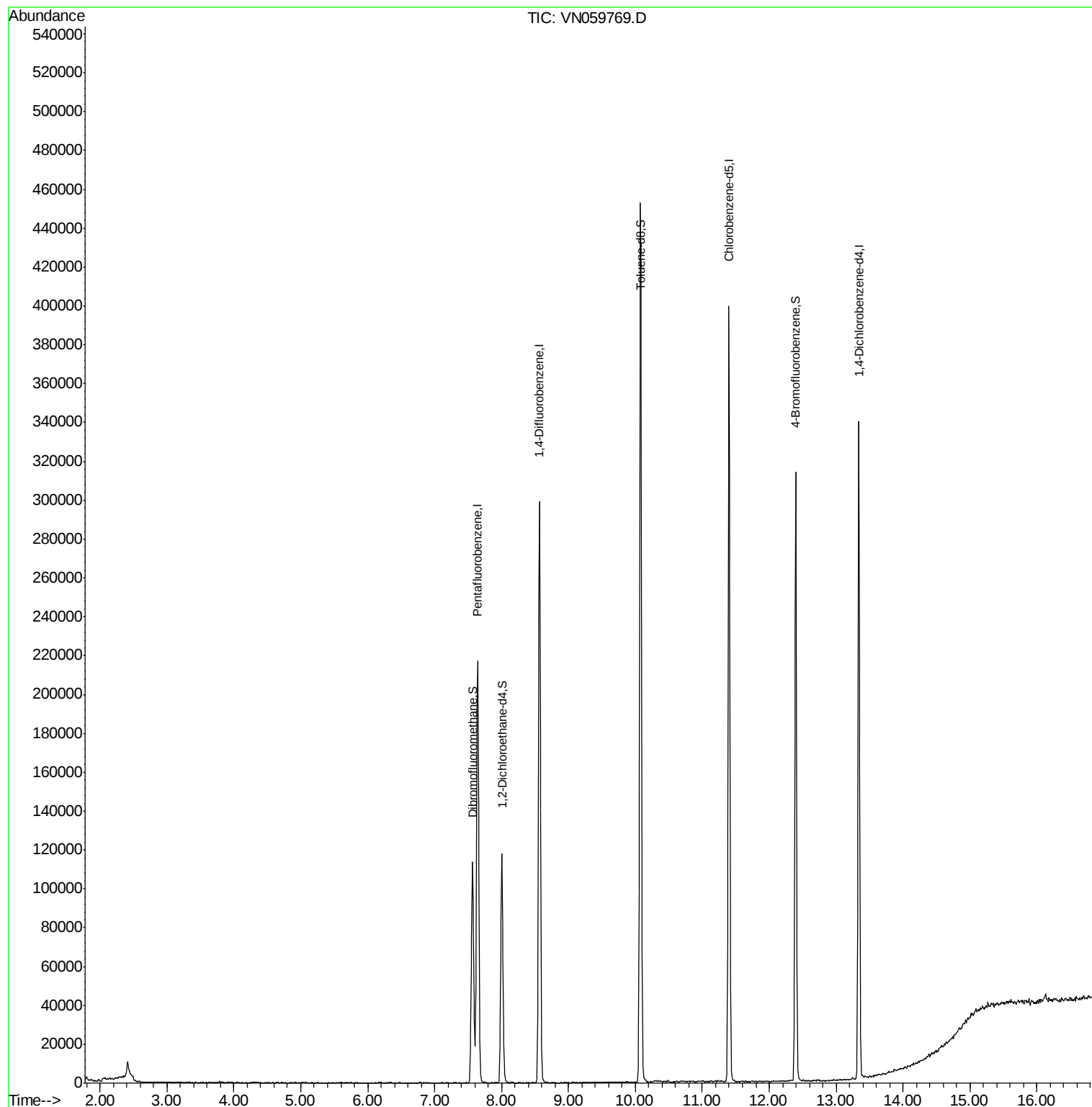
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059769.D

Acq: 17 Jan 2020 18:29

Instrument :

MSVOA_N

ClientSampleId :

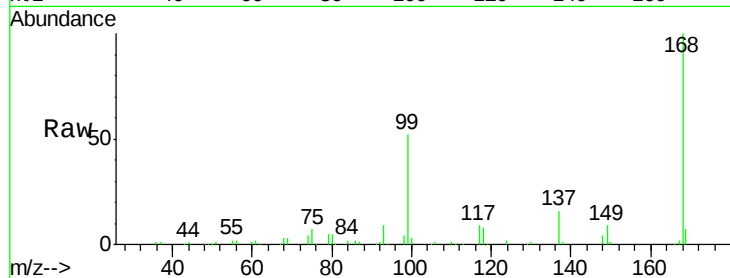
AOC-9-NORTH-(SETTLED)

Tot Ion:168 Resp: 188948

Ion Ratio Lower Upper

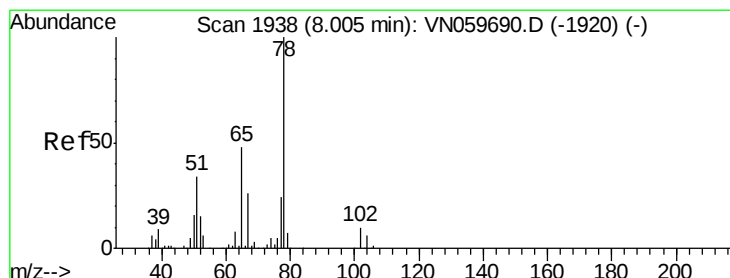
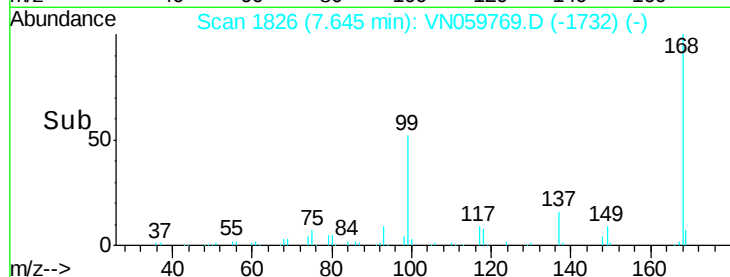
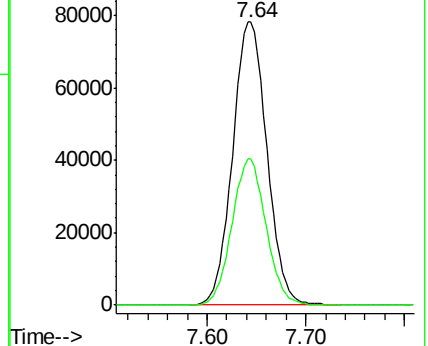
168 100

99 51.8 48.2 72.4



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: 47.173 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059769.D

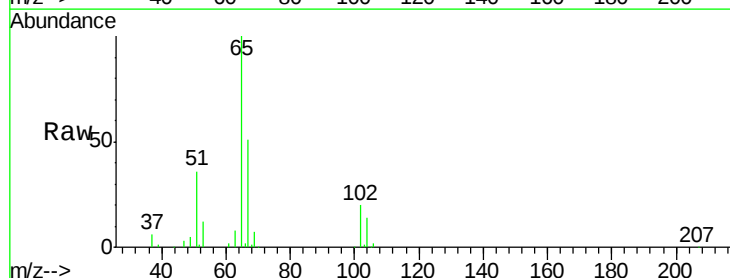
Acq: 17 Jan 2020 18:29

Tgt Ion: 65 Resp: 98983

Ion Ratio Lower Upper

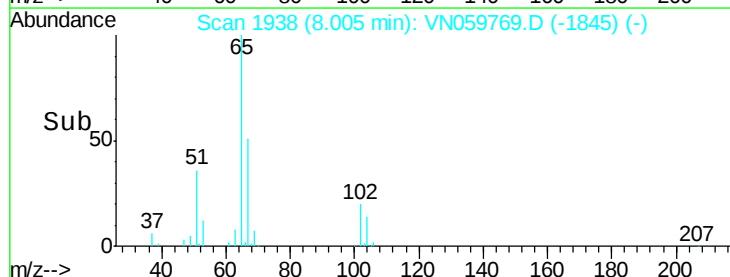
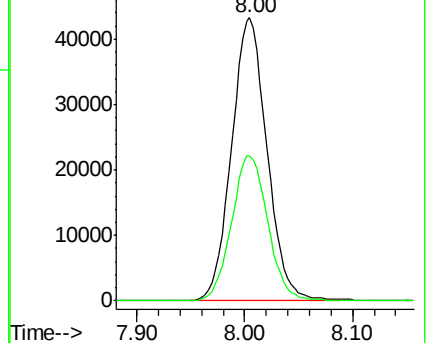
65 100

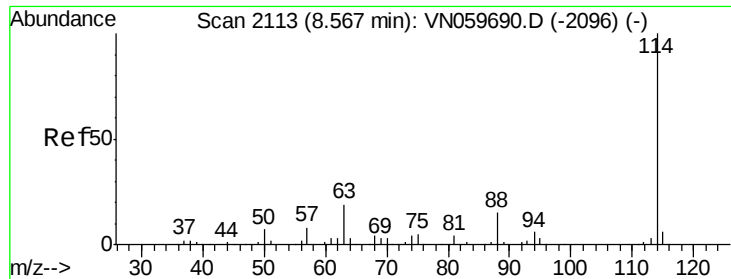
67 52.3 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

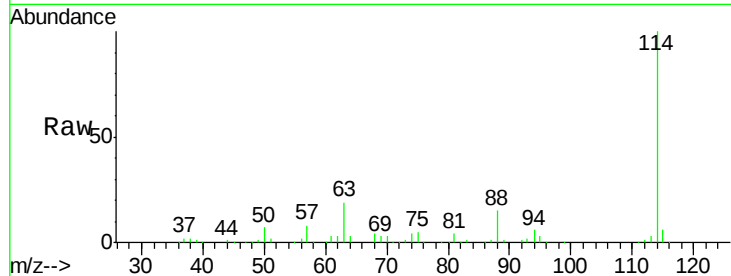




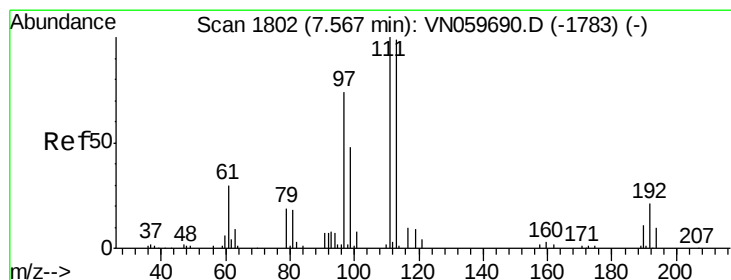
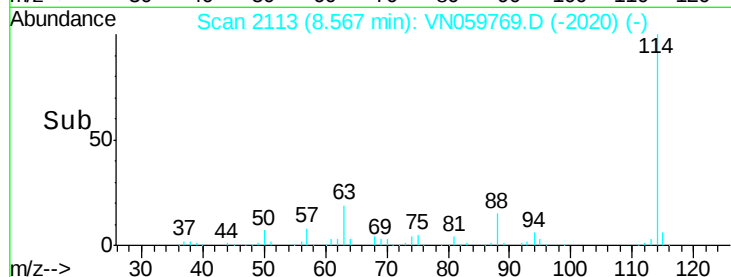
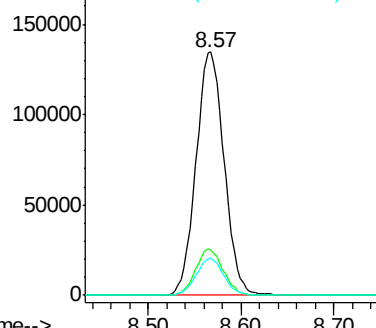
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN059769.D
Acq: 17 Jan 2020 18:29

Instrument :
MSVOA_N
ClientSampleId :
AOC-9-NORTH-(SETTLED)

Tot Ion:114 Resp: 283398
Ion Ratio Lower Upper
114 100
63 18.7 0.0 43.6
88 15.2 0.0 31.4

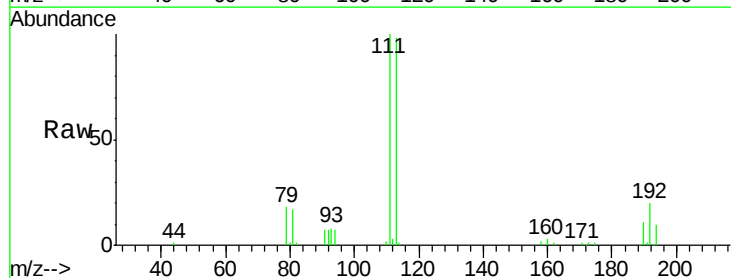


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

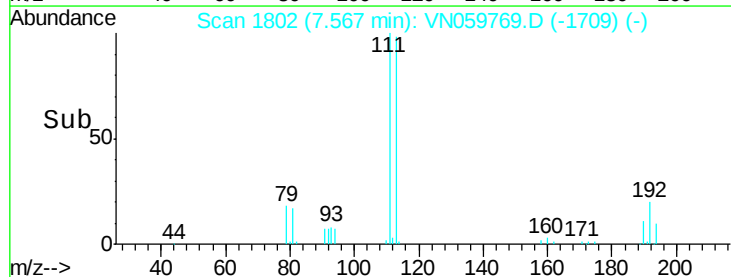
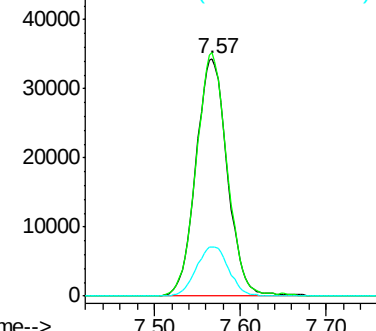


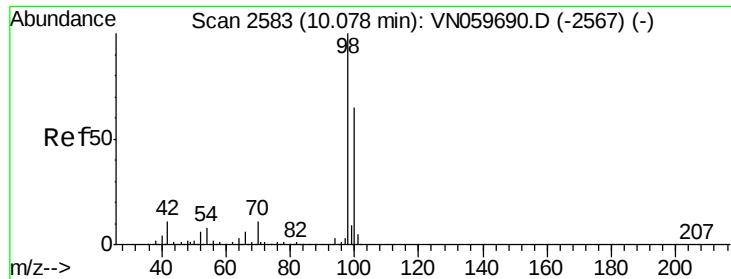
#35
Dibromofluoromethane
Concen: 51.592 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN059769.D
Acq: 17 Jan 2020 18:29

Tgt Ion:113 Resp: 87192
Ion Ratio Lower Upper
113 100
111 100.5 83.5 125.3
192 21.3 15.4 23.2



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: 49.422 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN059769.D

Acq: 17 Jan 2020 18:29

Instrument :

MSVOA_N

ClientSampleId :

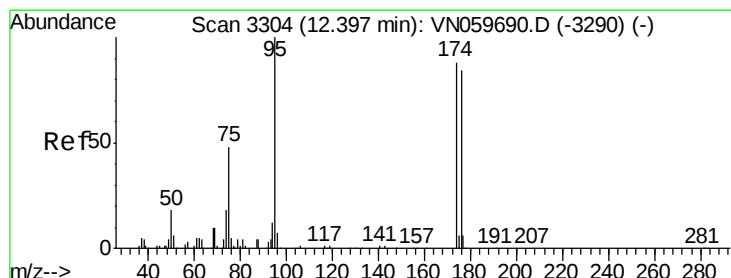
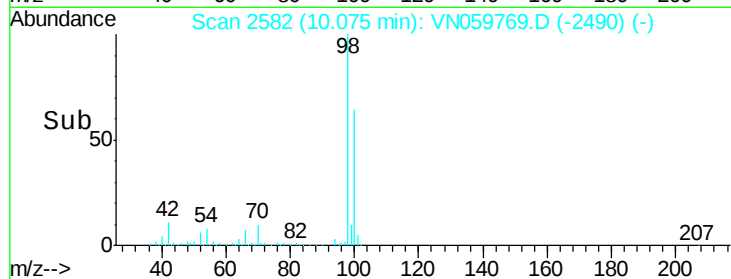
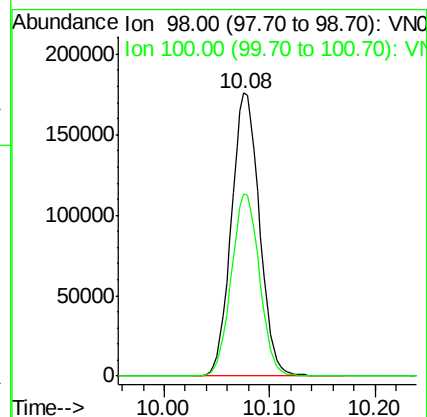
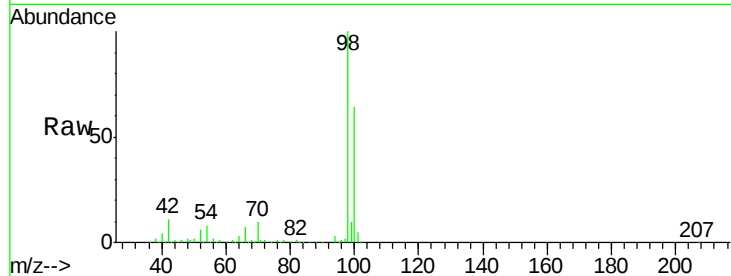
AOC-9-NORTH-(SETTLED)

Tot Ion: 98 Resp: 323618

Ion Ratio Lower Upper

98 100

100 64.6 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 44.632 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059769.D

Acq: 17 Jan 2020 18:29

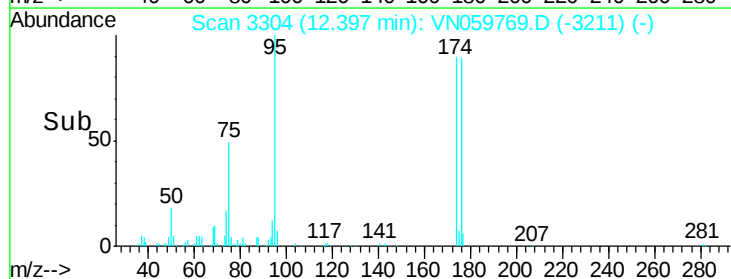
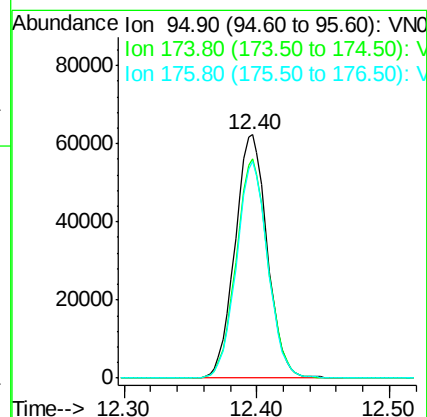
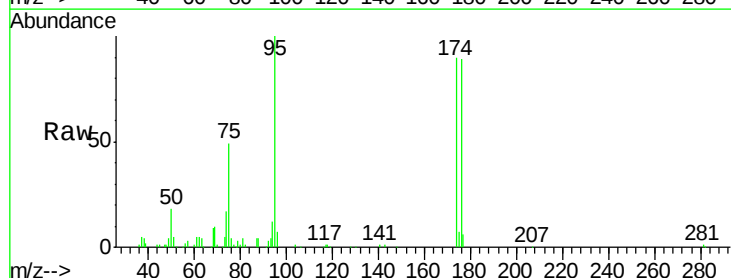
Tgt Ion: 95 Resp: 105356

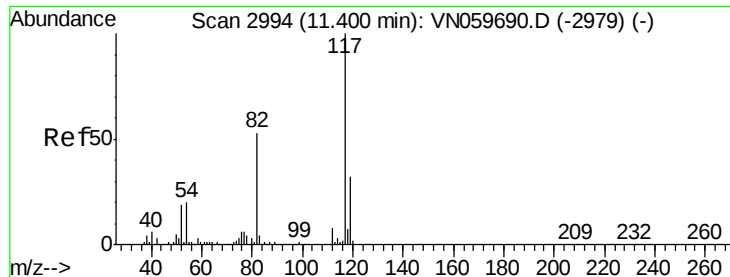
Ion Ratio Lower Upper

95 100

174 88.4 0.0 151.4

176 86.2 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2993

Delta R.T. -0.00 min

Lab File: VN059769.D

Acq: 17 Jan 2020 18:29

Instrument :

MSVOA_N

ClientSampleId :

AOC-9-NORTH-(SETTLED)

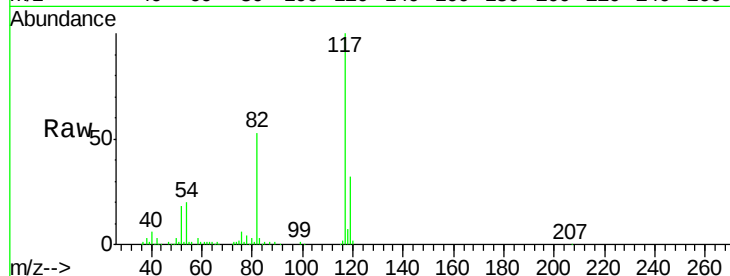
Tot Ion:117 Resp: 240457

Ion Ratio Lower Upper

117 100

82 53.1 45.9 68.9

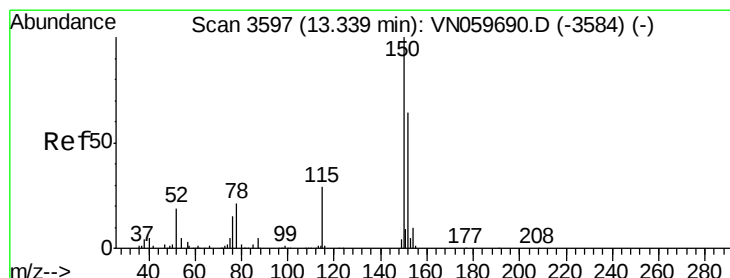
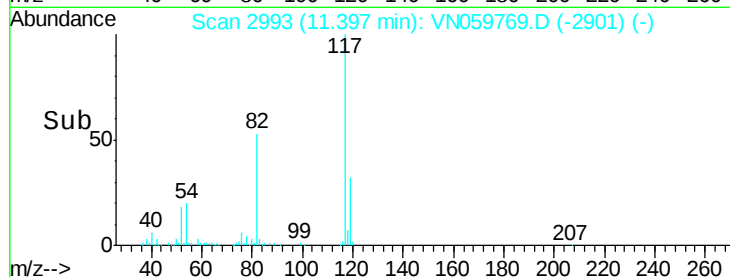
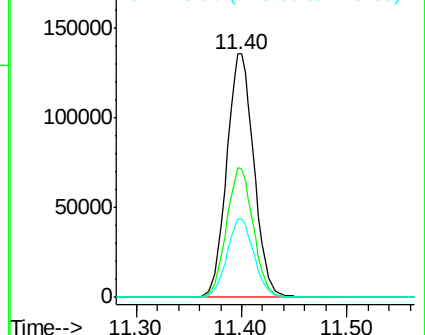
119 32.4 25.5 38.3



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# 3597

Delta R.T. 0.00 min

Lab File: VN059769.D

Acq: 17 Jan 2020 18:29

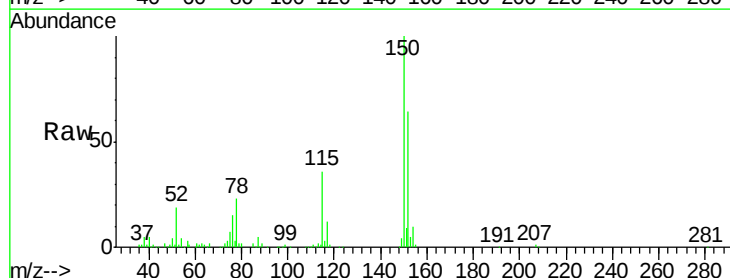
Tgt Ion:152 Resp: 95367

Ion Ratio Lower Upper

152 100

115 57.6 30.3 90.9

150 158.5 0.0 345.2



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

