

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011720\
 Data File : VN059765.D
 Acq On : 17 Jan 2020 16:55
 Operator : JC/MD
 Sample : L1165-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 QVD-GW-01-45

Quant Time: Jan 18 01:45:53 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	192374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	289968	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	248837	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	104750	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	100568	47.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.14%	
35) Dibromofluoromethane	7.57	113	88208	51.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.02%	
50) Toluene-d8	10.08	98	329965	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
62) 4-Bromofluorobenzene	12.40	95	112760	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	

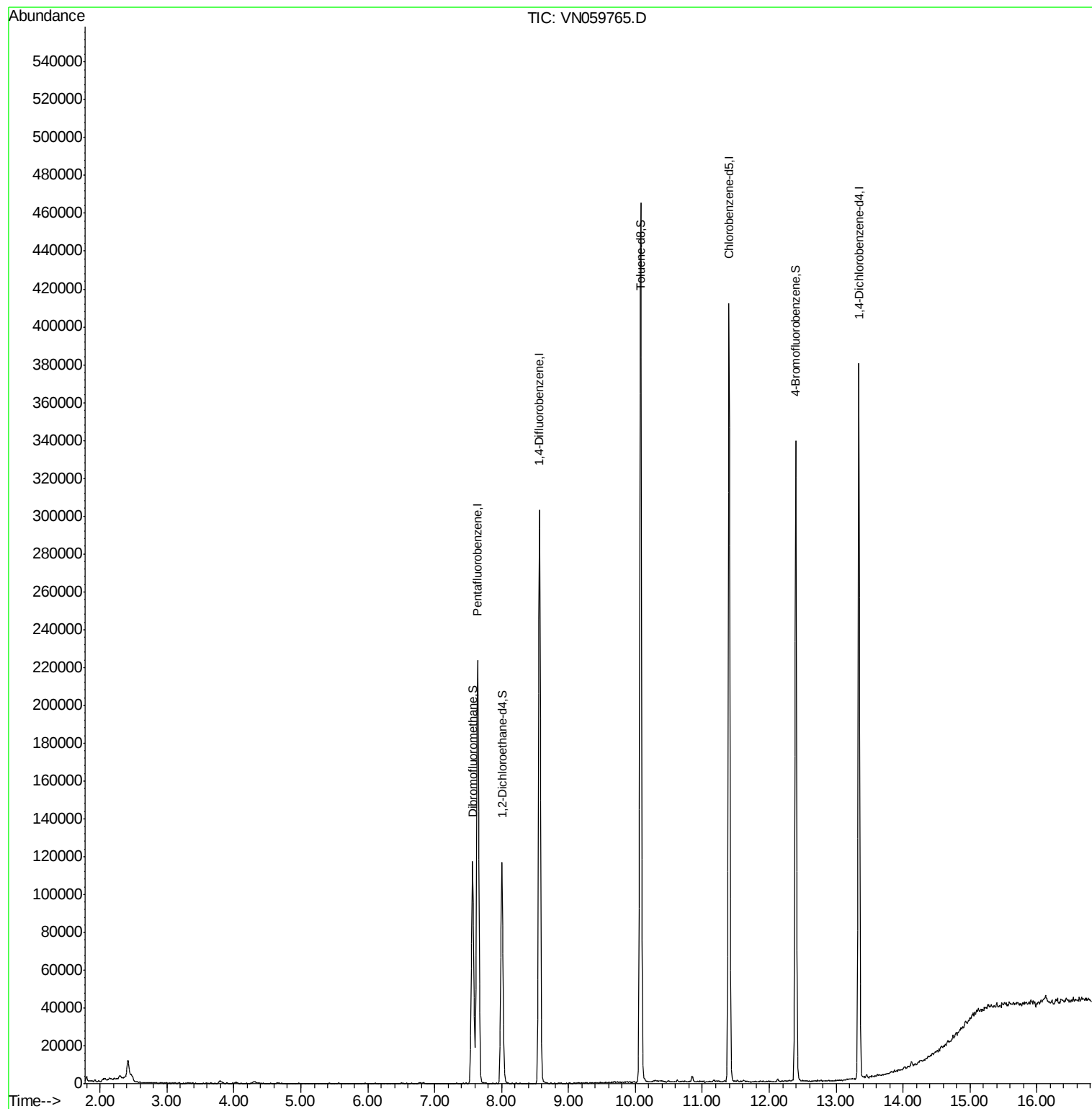
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN059765.D

Acq: 17 Jan 2020 16:55

Instrument :

MSVOA_N

ClientSampleId :

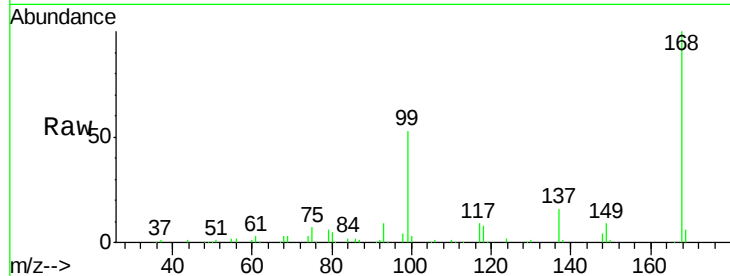
QVD-GW-01-45

Tot Ion:168 Resp: 192374

Ion Ratio Lower Upper

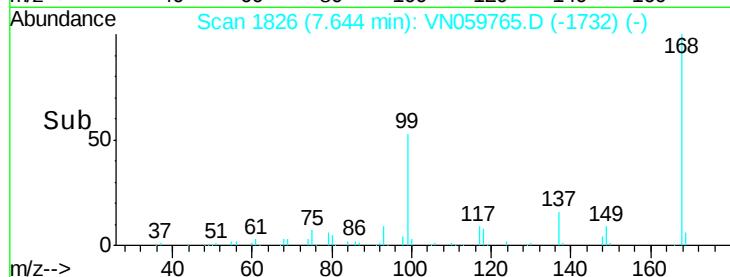
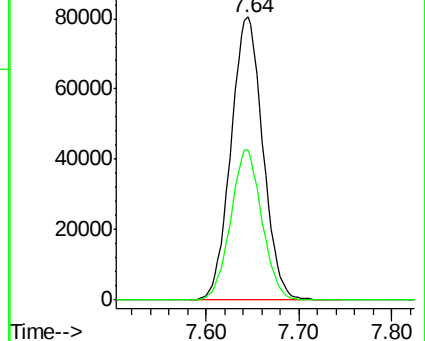
168 100

99 53.2 48.2 72.4



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: 47.074 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN059765.D

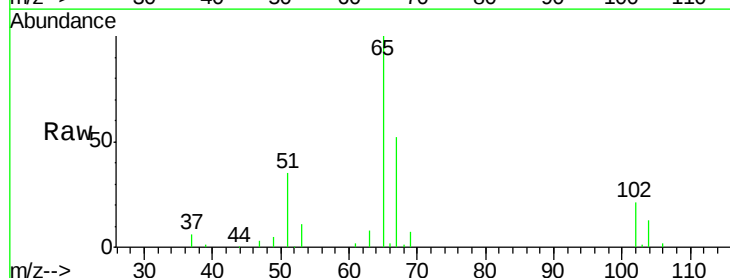
Acq: 17 Jan 2020 16:55

Tgt Ion: 65 Resp: 100568

Ion Ratio Lower Upper

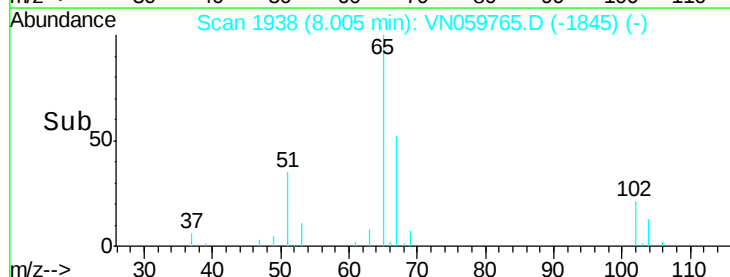
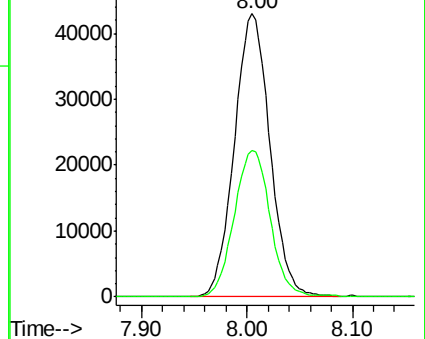
65 100

67 52.5 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

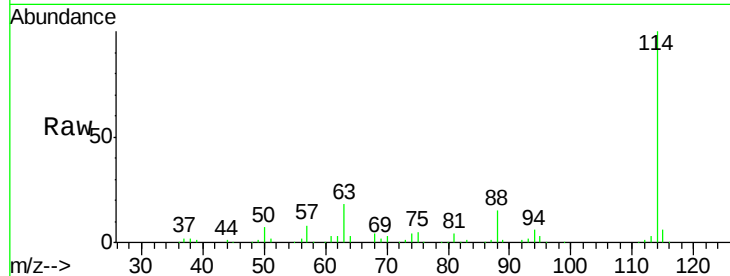




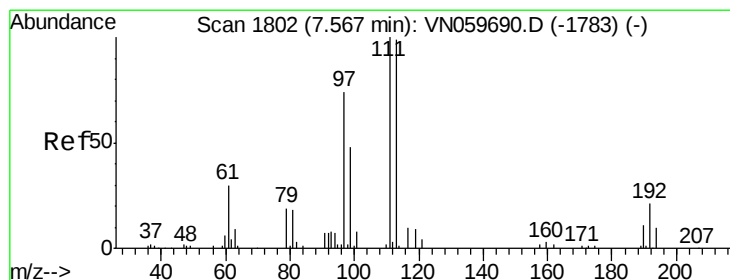
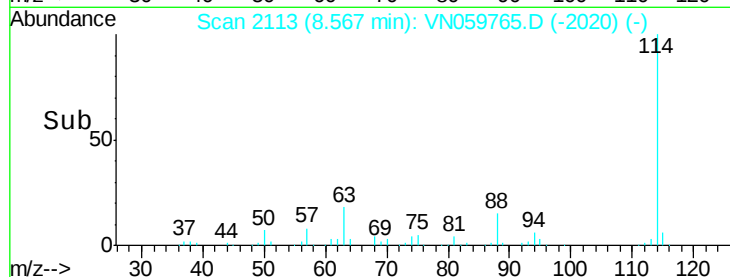
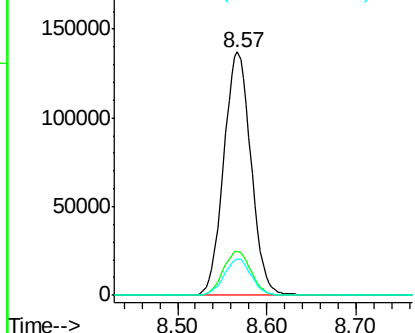
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.57 min Scan# 2113
Delta R.T. 0.00 min
Lab File: VN059765.D
Acq: 17 Jan 2020 16:55

Instrument :
MSVOA_N
ClientSampleId :
QVD-GW-01-45

Tot Ion:114 Resp: 289968
Ion Ratio Lower Upper
114 100
63 18.2 0.0 43.6
88 15.0 0.0 31.4

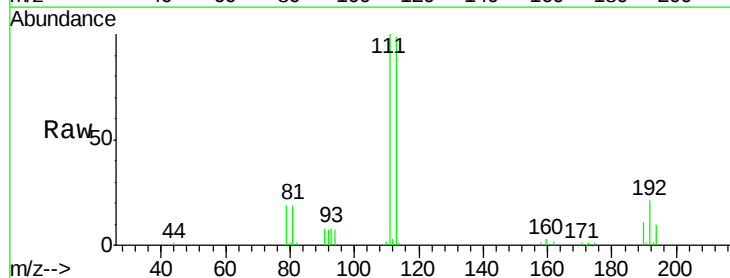


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

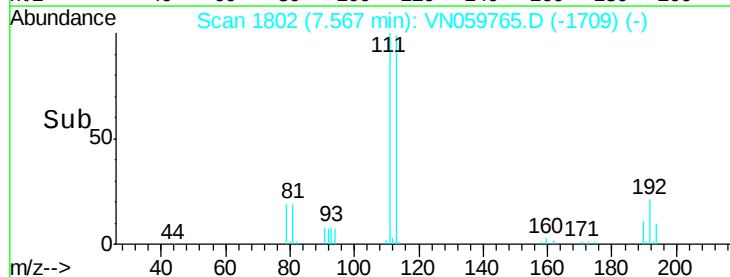
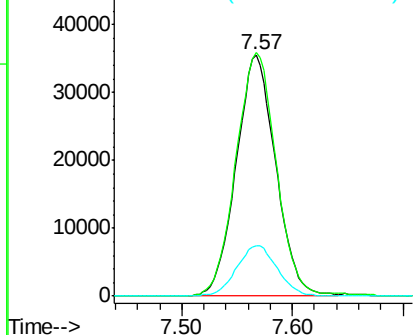


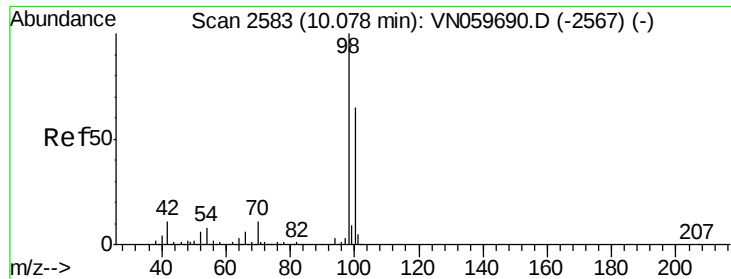
#35
Dibromofluoromethane
Concen: 51.011 ug/l
RT: 7.57 min Scan# 1802
Delta R.T. 0.00 min
Lab File: VN059765.D
Acq: 17 Jan 2020 16:55

Tgt Ion:113 Resp: 88208
Ion Ratio Lower Upper
113 100
111 102.6 83.5 125.3
192 21.4 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: 49.250 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059765.D

Acq: 17 Jan 2020 16:55

Instrument :

MSVOA_N

ClientSampleId :

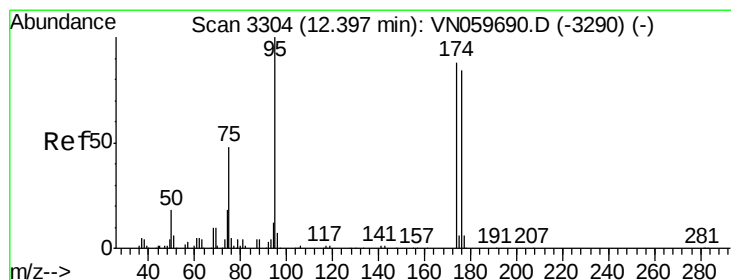
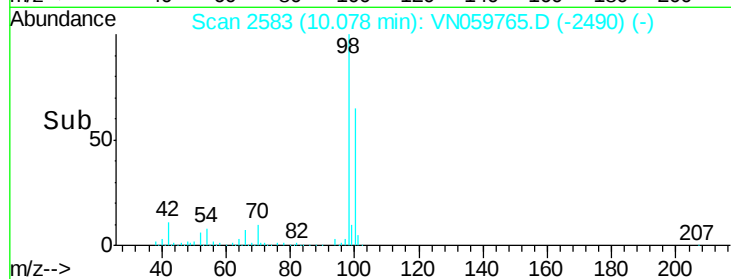
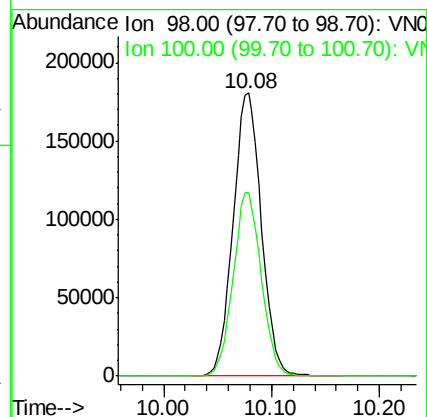
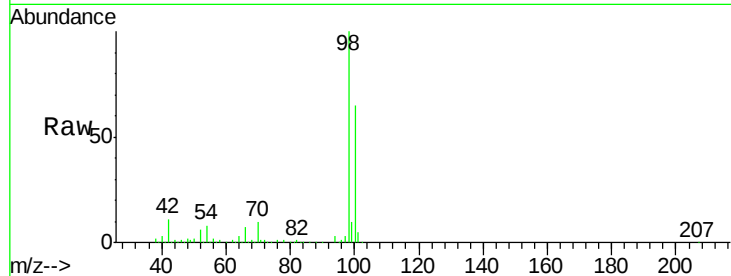
QVD-GW-01-45

Tot Ion: 98 Resp: 329965

Ion Ratio Lower Upper

98 100

100 64.4 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 46.686 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059765.D

Acq: 17 Jan 2020 16:55

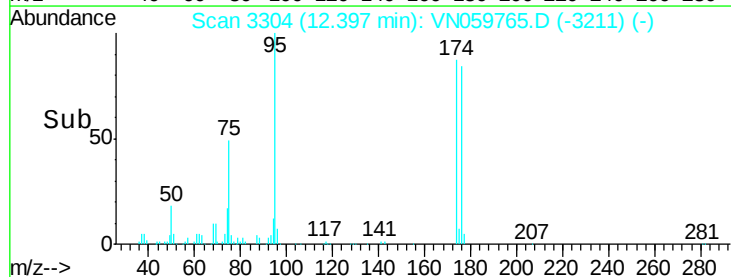
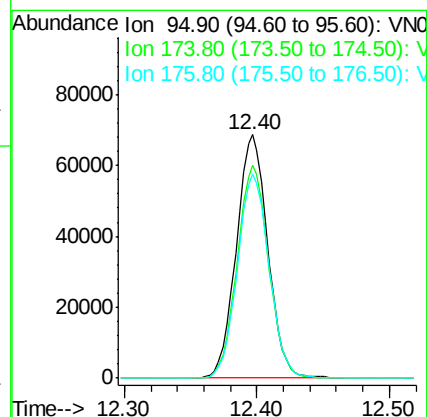
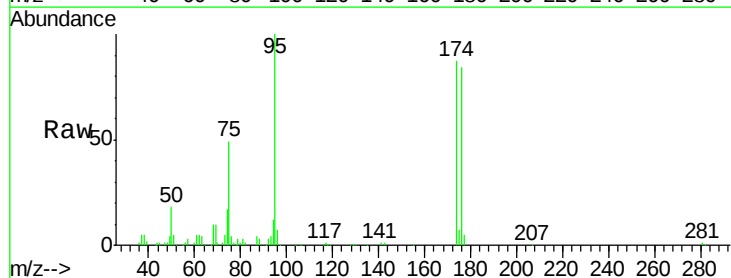
Tgt Ion: 95 Resp: 112760

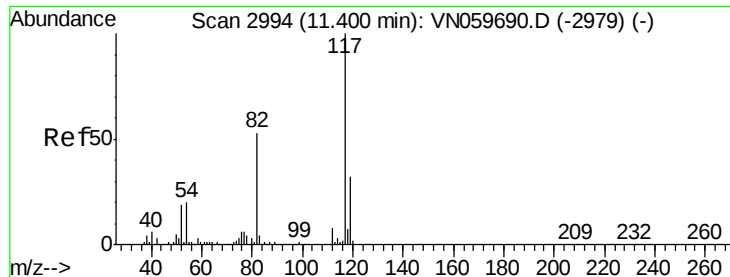
Ion Ratio Lower Upper

95 100

174 87.7 0.0 151.4

176 84.7 0.0 146.0

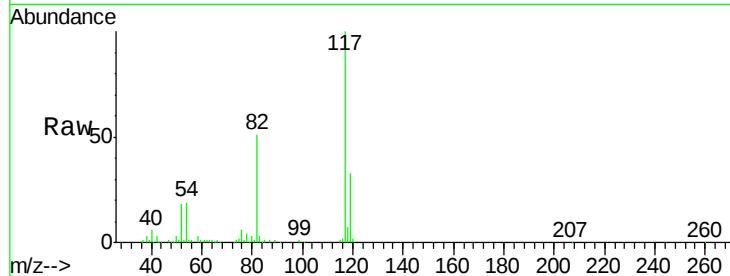




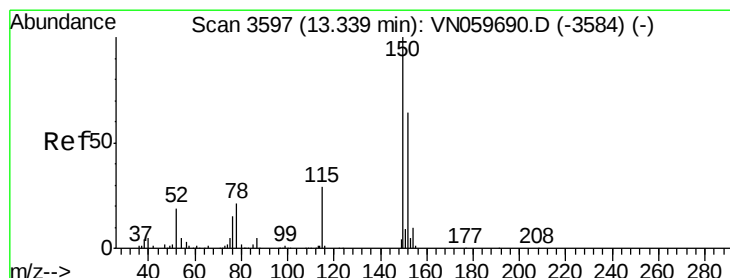
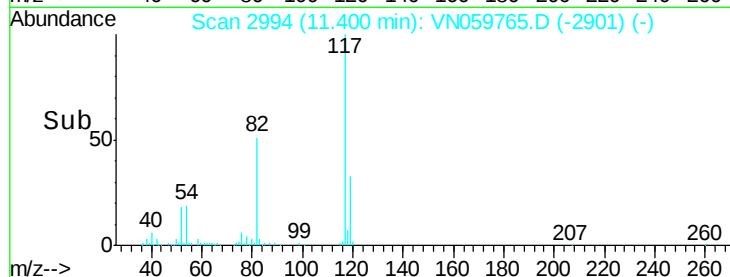
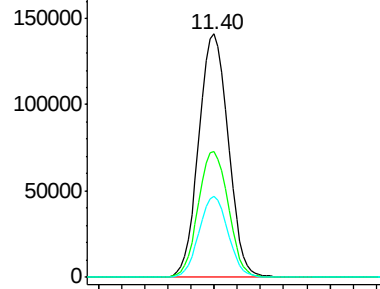
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN059765.D
Acq: 17 Jan 2020 16:55

Instrument :
MSVOA_N
ClientSampleId :
QVD-GW-01-45

Tot Ion:117 Resp: 248837
Ion Ratio Lower Upper
117 100
82 51.5 45.9 68.9
119 33.1 25.5 38.3

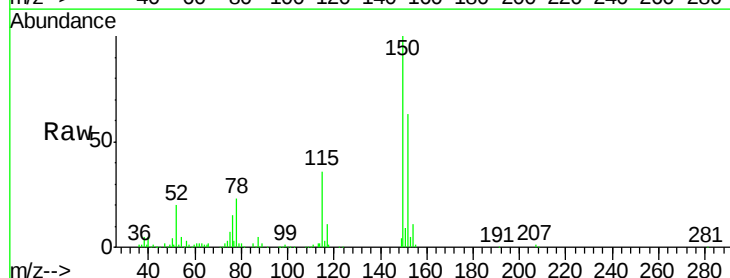


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN059765.D
Acq: 17 Jan 2020 16:55

Tgt Ion:152 Resp: 104750
Ion Ratio Lower Upper
152 100
115 56.9 30.3 90.9
150 158.3 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

