

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN012120\
 Data File : VN059815.D
 Acq On : 21 Jan 2020 17:58
 Operator : JC/MD
 Sample : L1214-01 5X
 Misc : 4.31g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 K500-1

Quant Time: Jan 22 03:45:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	195362	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	293138	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	257592	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	109107	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	100853	46.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.98%	
35) Dibromofluoromethane	7.56	113	87727	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
50) Toluene-d8	10.08	98	341295	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
62) 4-Bromofluorobenzene	12.40	95	116180	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	

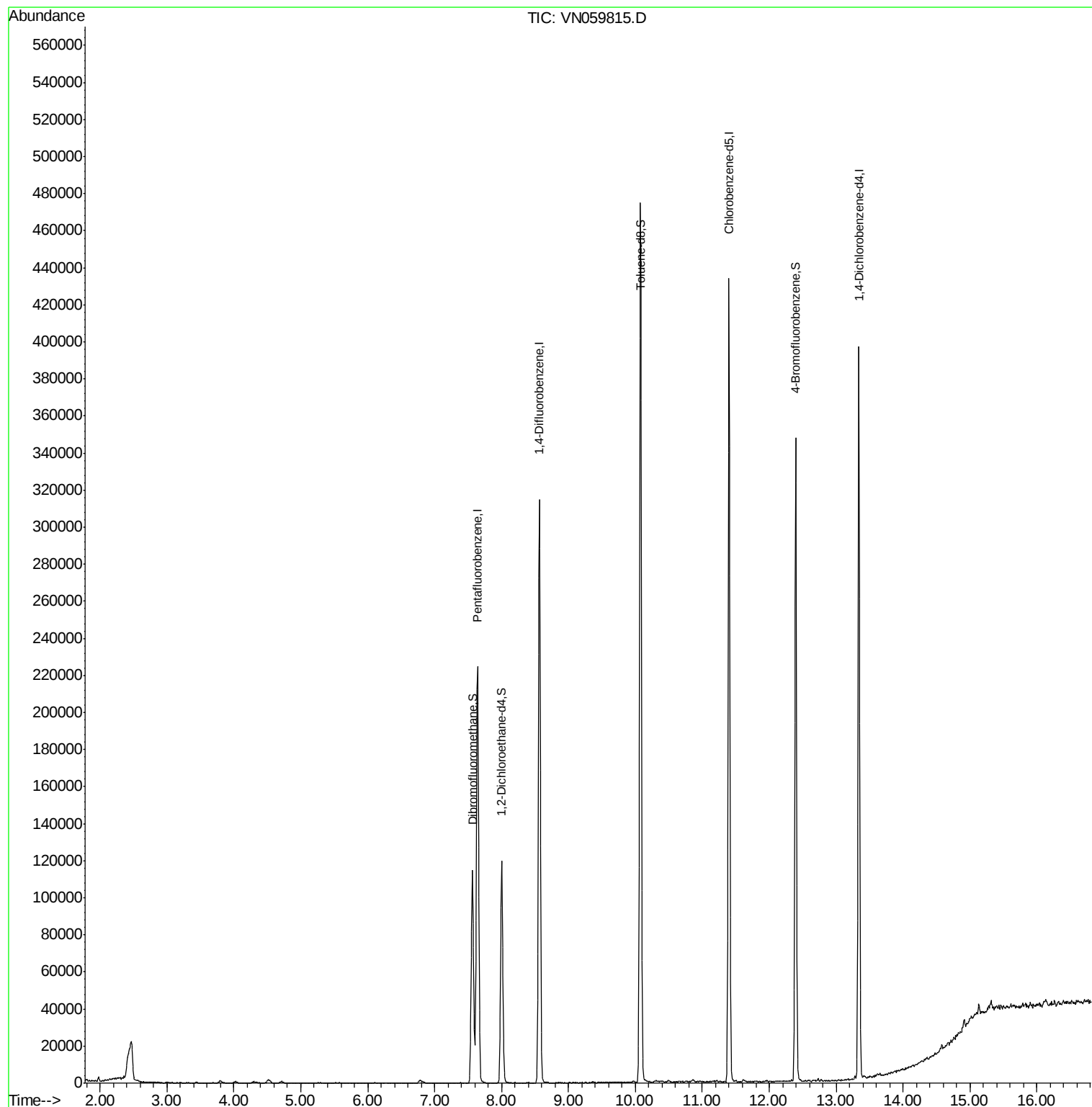
Target Compounds	Qvalue

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

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QLast Update : Sat Jan 18 03:09:32 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059815.D

Acq: 21 Jan 2020 17:58

Instrument :

MSVOA_N

ClientSampleId :

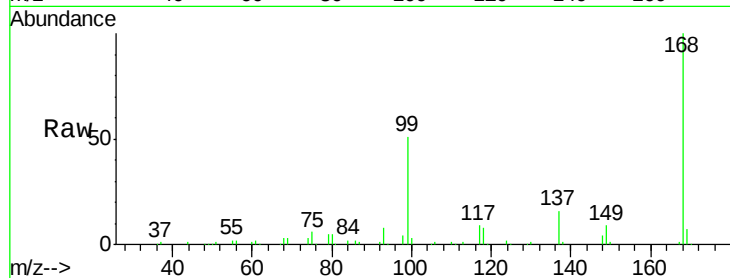
K500-1

Tot Ion:168 Resp: 195362

Ion Ratio Lower Upper

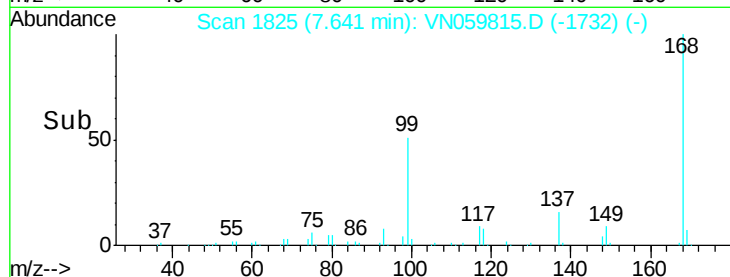
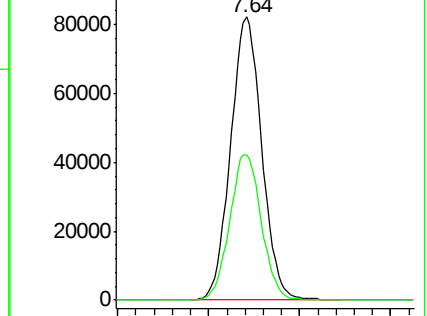
168 100

99 51.3 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: 46.486 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN059815.D

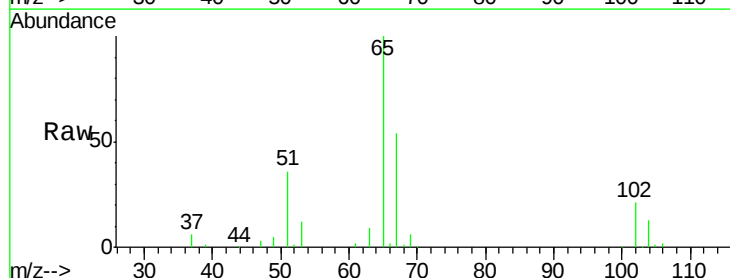
Acq: 21 Jan 2020 17:58

Tgt Ion: 65 Resp: 100853

Ion Ratio Lower Upper

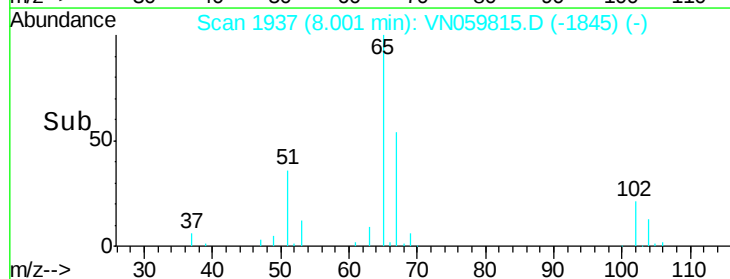
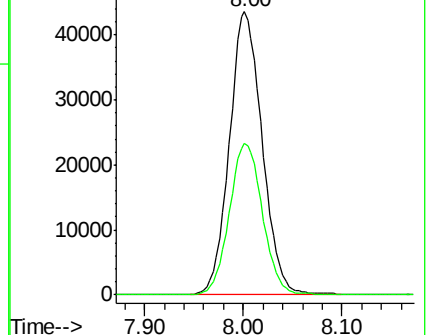
65 100

67 53.9 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: 8.56 min Scan# 2112

Delta R.T. -0.00 min

Lab File: VN059815.D

Acq: 21 Jan 2020 17:58

Instrument :

MSVOA_N

ClientSampleId :

K500-1

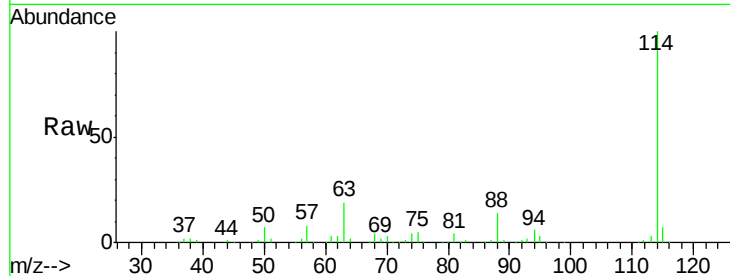
Tot Ion:114 Resp: 293138

Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.6

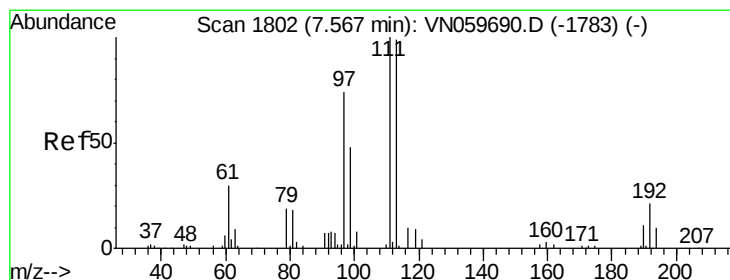
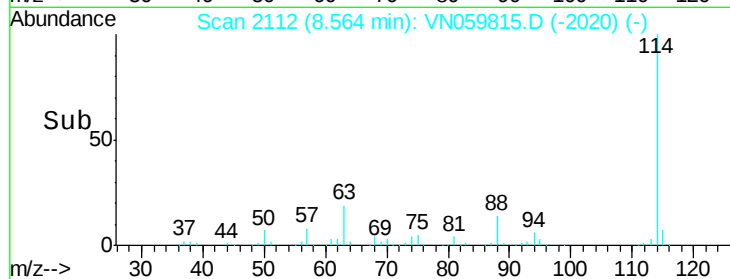
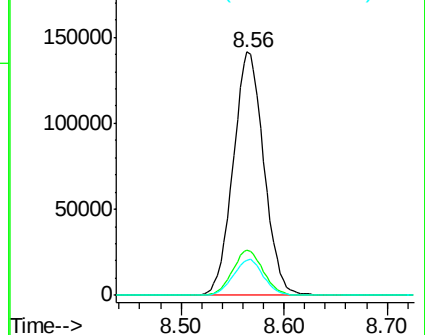
88 14.5 0.0 31.4



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: 50.184 ug/l

RT: 7.56 min Scan# 1801

Delta R.T. -0.00 min

Lab File: VN059815.D

Acq: 21 Jan 2020 17:58

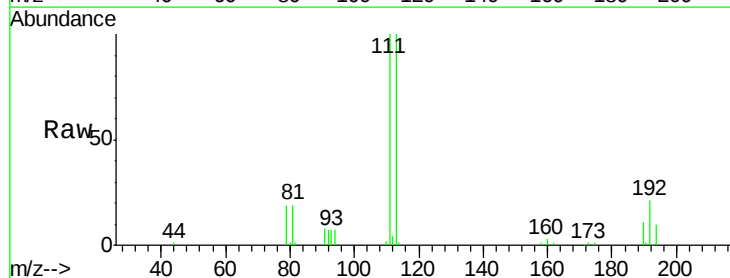
Tgt Ion:113 Resp: 87727

Ion Ratio Lower Upper

113 100

111 99.6 83.5 125.3

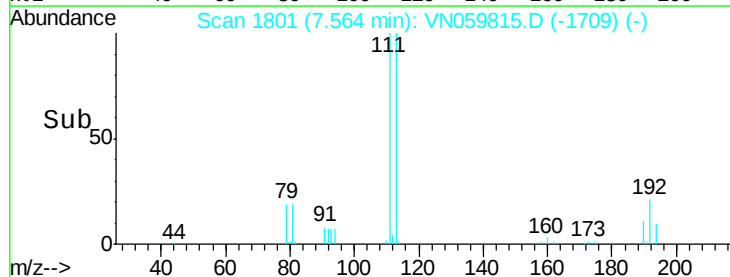
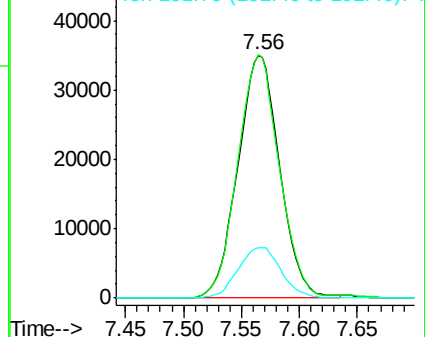
192 21.4 15.4 23.2

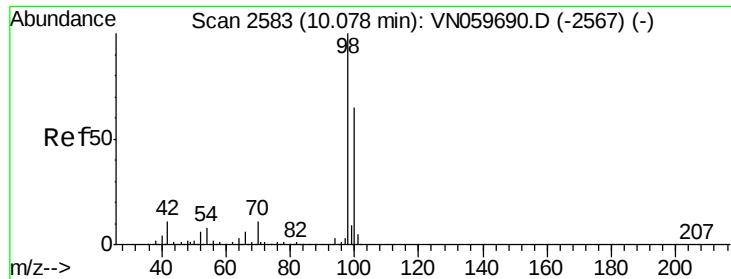


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.390 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN059815.D

Acq: 21 Jan 2020 17:58

Instrument :

MSVOA_N

ClientSampled :

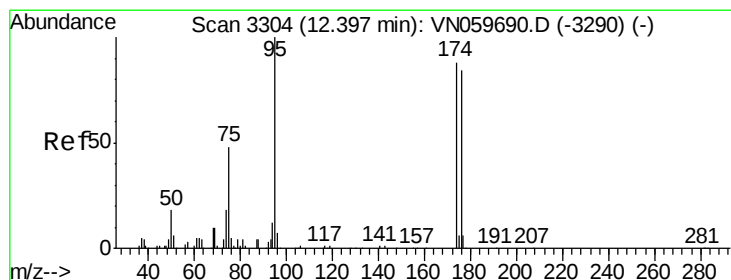
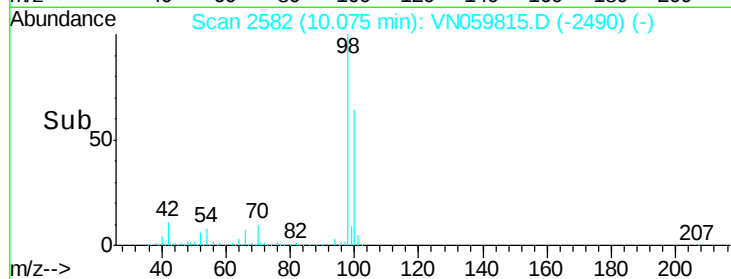
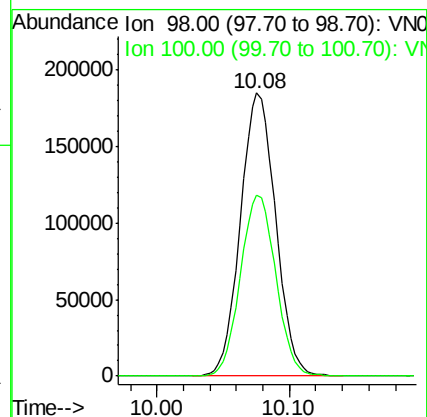
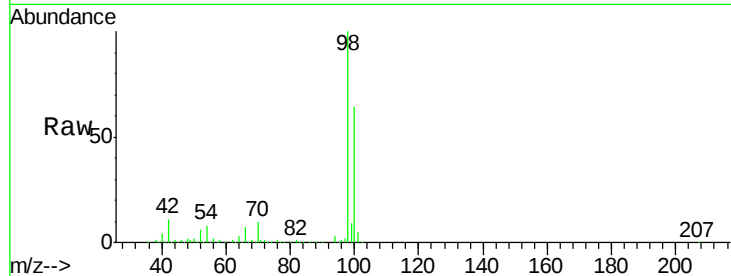
K500-1

Tot Ion: 98 Resp: 341295

Ion Ratio Lower Upper

98 100

100 64.5 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 47.582 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059815.D

Acq: 21 Jan 2020 17:58

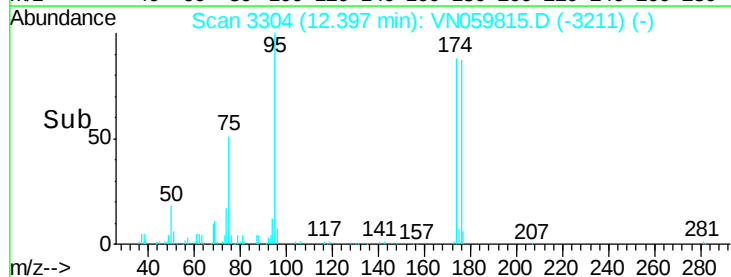
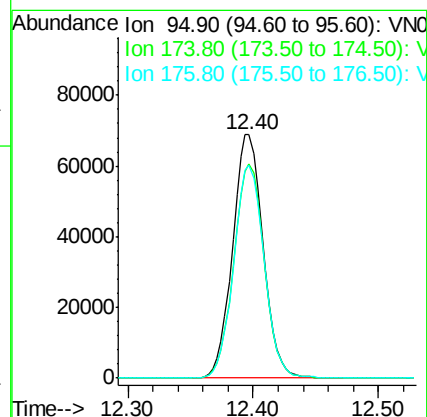
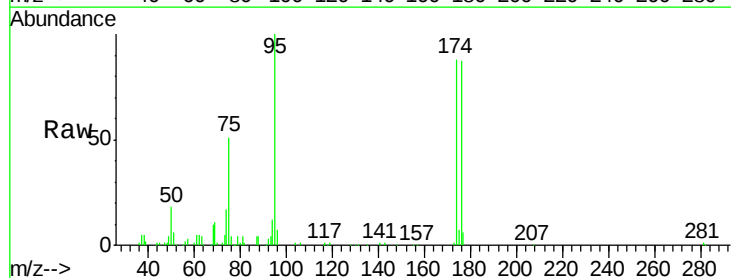
Tgt Ion: 95 Resp: 116180

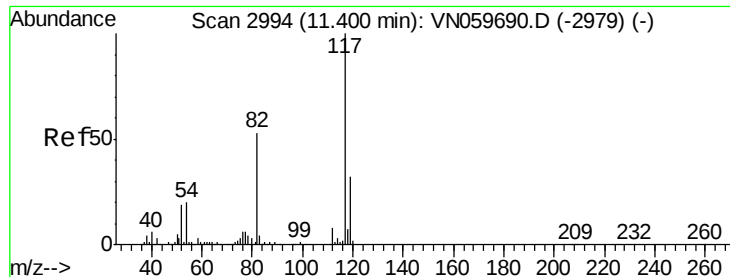
Ion Ratio Lower Upper

95 100

174 87.9 0.0 151.4

176 87.2 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: VN059815.D

Acq: 21 Jan 2020 17:58

Instrument :

MSVOA_N

ClientSampleId :

K500-1

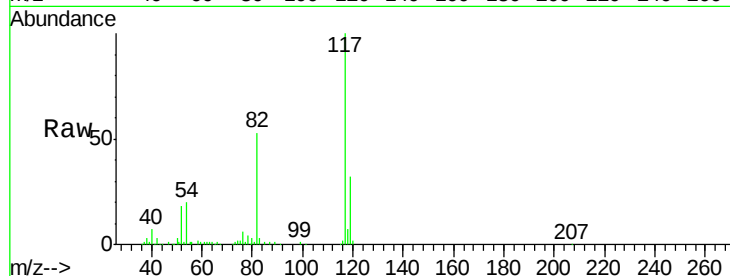
Tot Ion:117 Resp: 257592

Ion Ratio Lower Upper

117 100

82 52.5 45.9 68.9

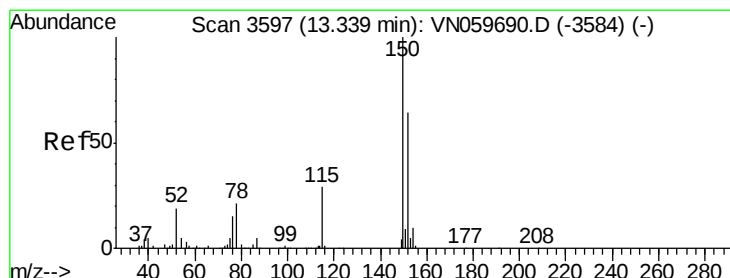
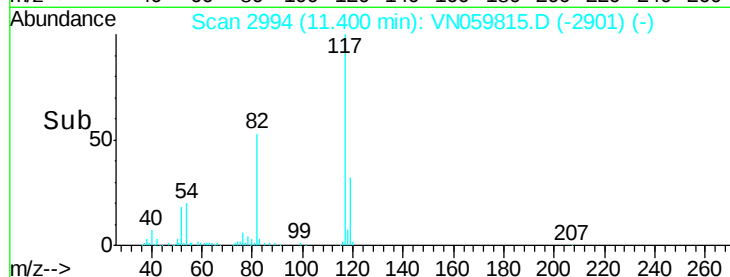
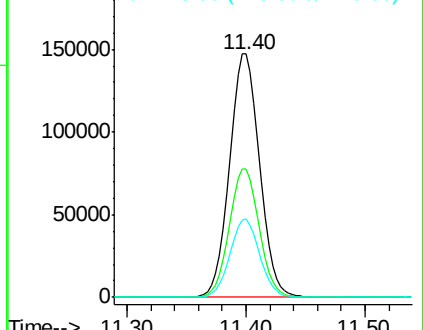
119 32.0 25.5 38.3



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: VN059815.D

Acq: 21 Jan 2020 17:58

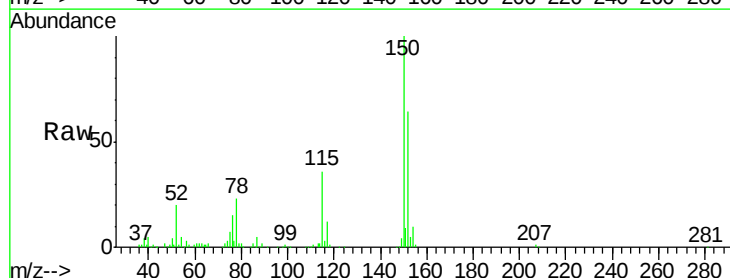
Tgt Ion:152 Resp: 109107

Ion Ratio Lower Upper

152 100

115 57.1 30.3 90.9

150 155.7 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

