

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091120\
 Data File : VN063321.D
 Acq On : 11 Sep 2020 17:54
 Operator : JC/MD
 Sample : L3988-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ193I-20200909

Quant Time: Sep 12 04:42:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 11 06:02:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	364326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	685853	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	668825	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	269301	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	289102	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
35) Dibromofluoromethane	7.55	113	222974	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
50) Toluene-d8	10.06	98	873484	51.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.02%	
62) 4-Bromofluorobenzene	12.38	95	331690	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	

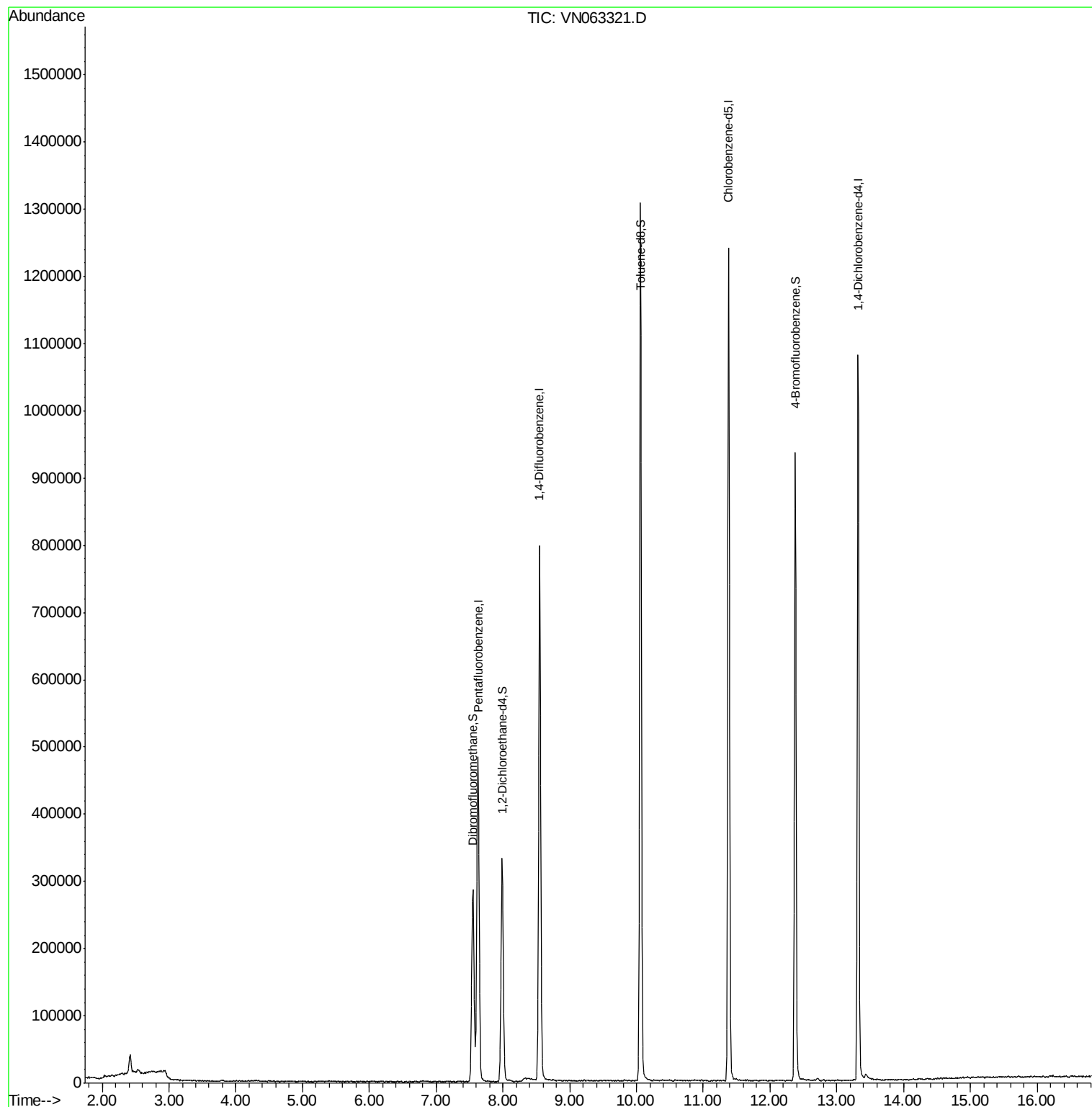
Target Compounds	Qvalue

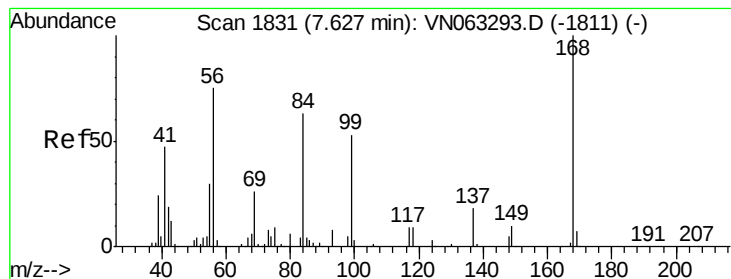
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN063321.D

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Instrument :

MSVOA_N

ClientSampleId :

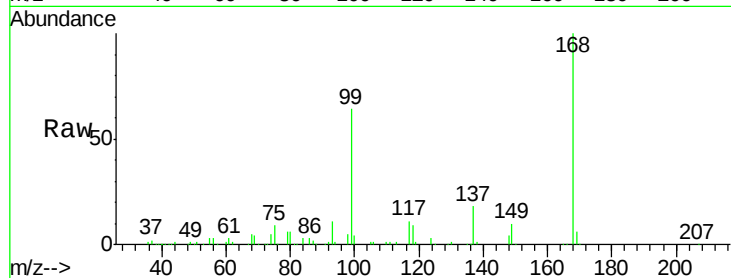
SA-PZ193I-20200909

Tot Ion:168 Resp: 364326

Ion Ratio Lower Upper

168 100

99 64.3 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

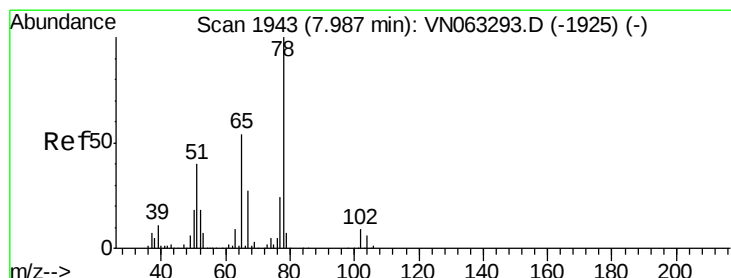
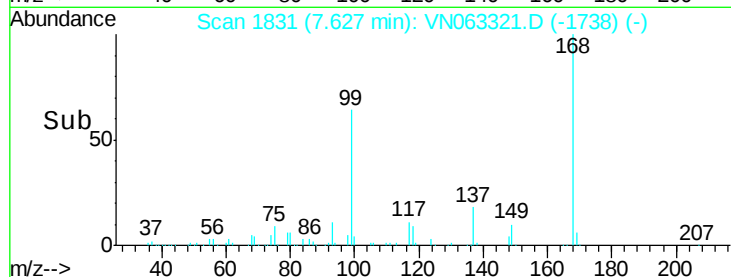
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 50.507 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063321.D

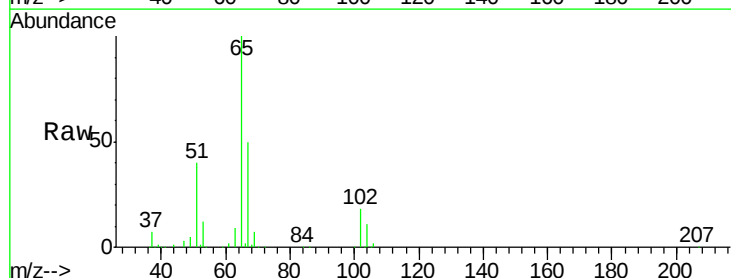
Acq: 11 Sep 2020 17:54

Tgt Ion: 65 Resp: 289102

Ion Ratio Lower Upper

65 100

67 51.0 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

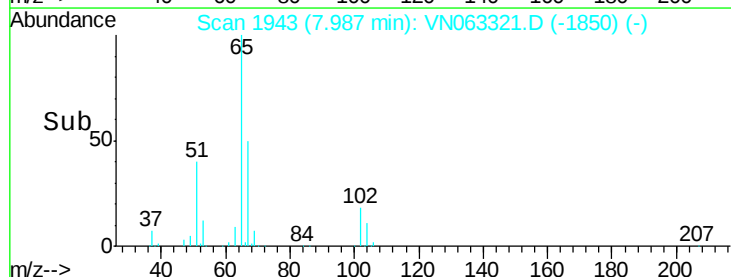
7.99

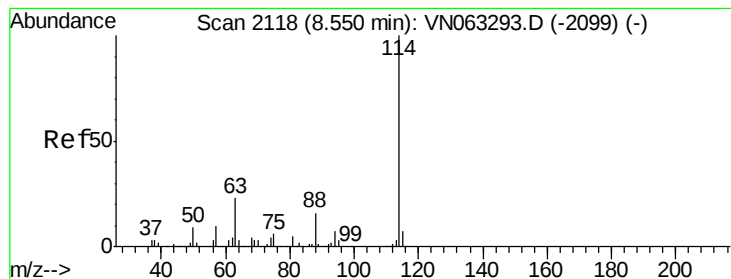
100000

50000

0

Time--> 7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063321.D

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Instrument :

MSVOA_N

ClientSampleId :

SA-PZ193I-20200909

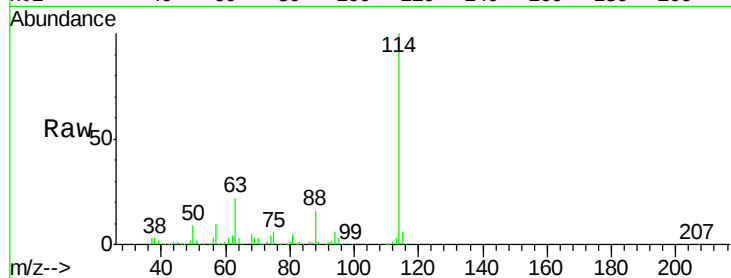
Tot Ion:114 Resp: 685853

Ion Ratio Lower Upper

114 100

63 21.6 0.0 46.0

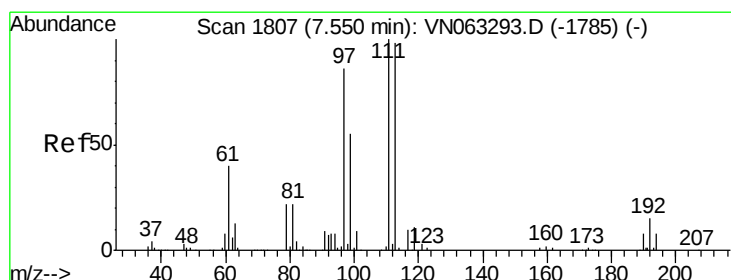
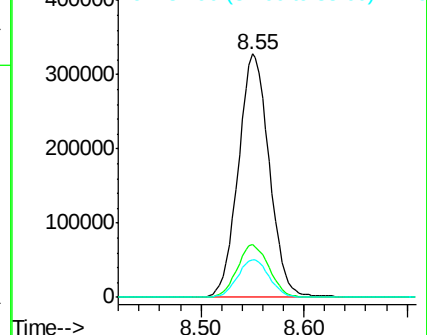
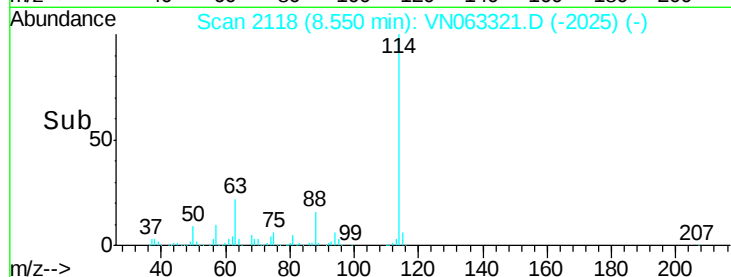
88 15.6 0.0 32.8



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: 50.394 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VN063321.D

Acq: 11 Sep 2020 17:54

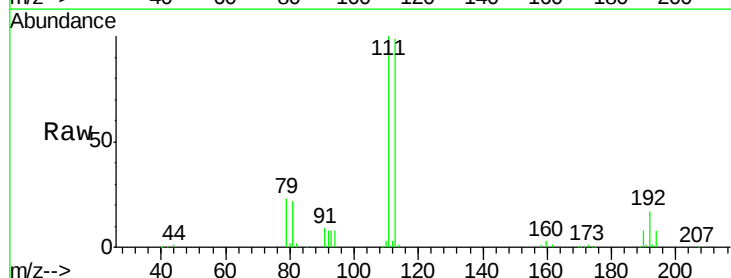
Tgt Ion:113 Resp: 222974

Ion Ratio Lower Upper

113 100

111 101.5 82.2 123.2

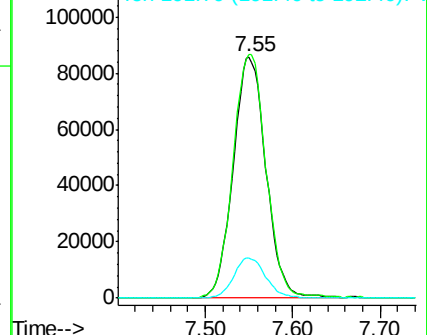
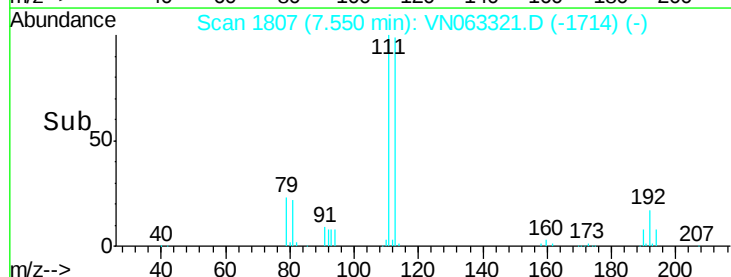
192 16.2 12.9 19.3

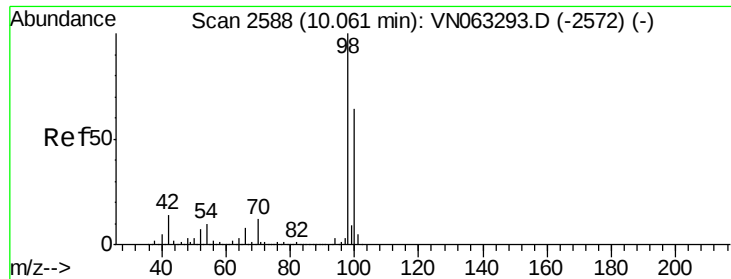


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.514 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. -0.00 min

Lab File: VN063321.D

Acq: 11 Sep 2020 17:54

Instrument :

MSVOA_N

ClientSampleId :

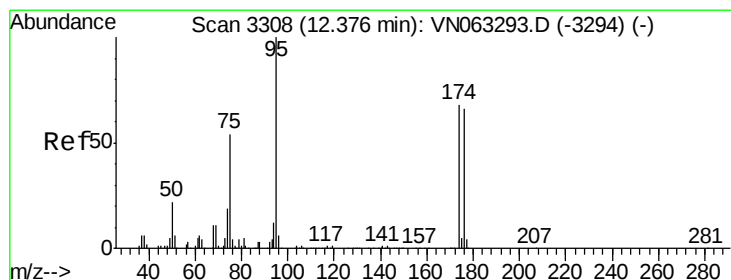
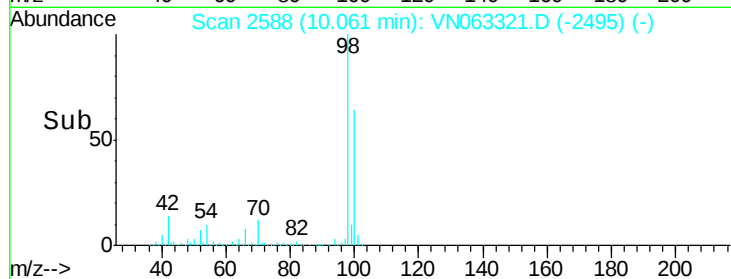
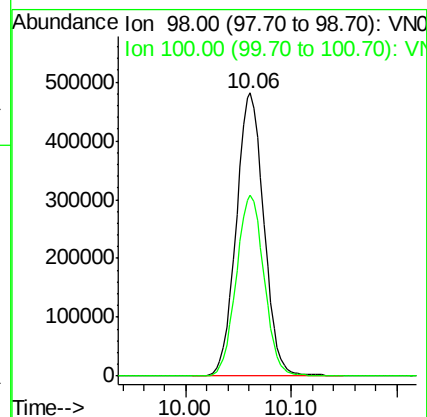
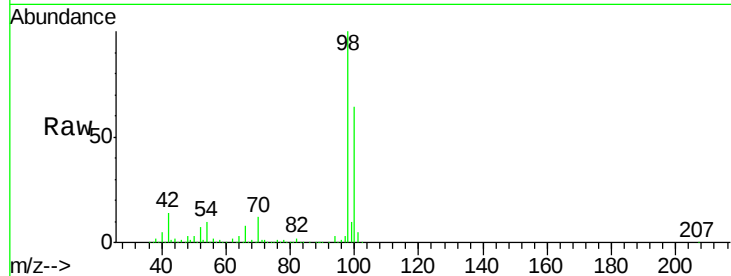
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Tot Ion: 98 Resp: 873484

Ion Ratio Lower Upper

98 100

100 64.5 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 52.962 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063321.D

Acq: 11 Sep 2020 17:54

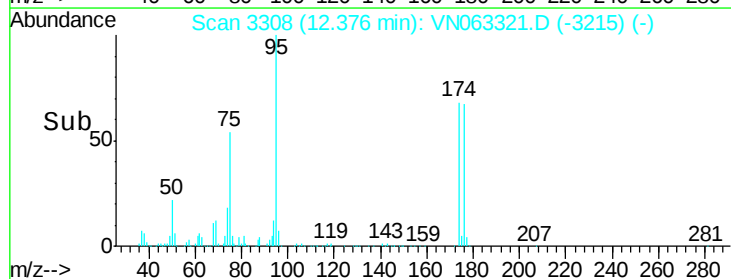
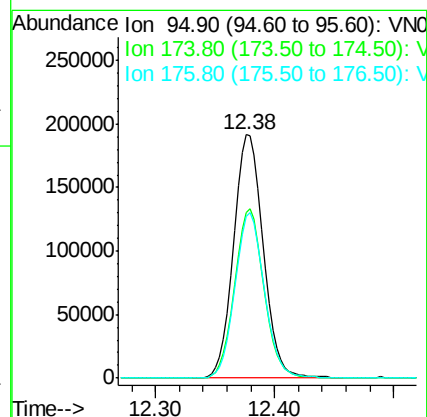
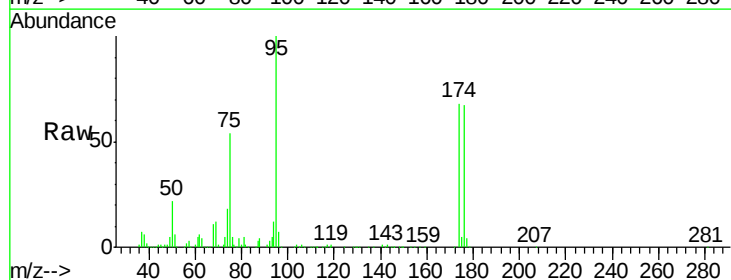
Tgt Ion: 95 Resp: 331690

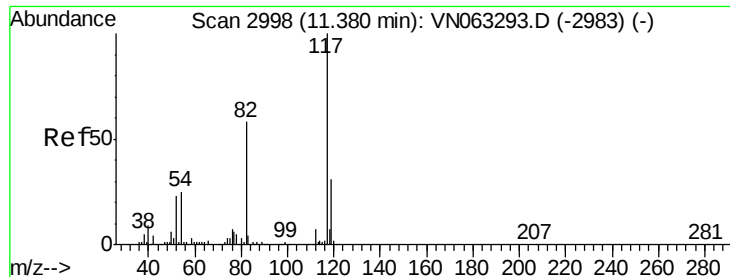
Ion Ratio Lower Upper

95 100

174 68.8 0.0 136.6

176 67.4 0.0 132.8

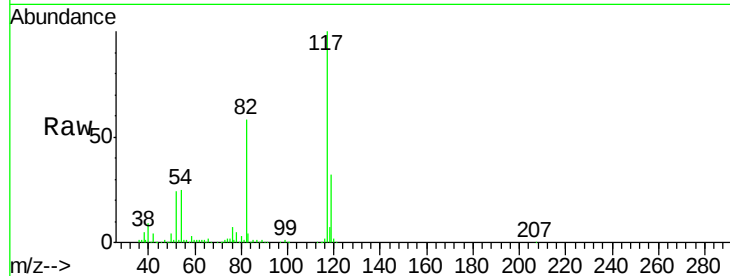




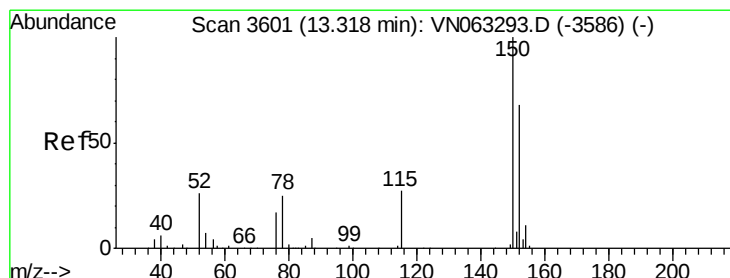
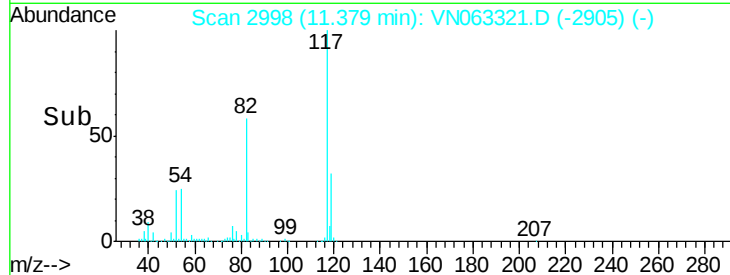
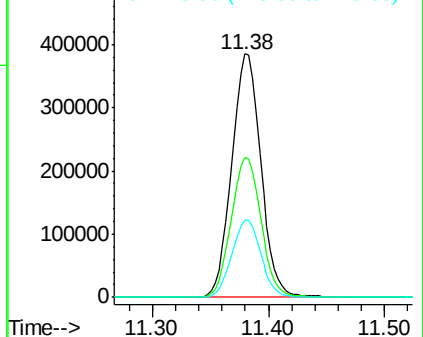
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063321.D
Acq: 11 Sep 2020 17:54

Instrument :
MSVOA_N
ClientSampleId :
SA-PZ193I-20200909

Tot Ion:117 Resp: 668825
Ion Ratio Lower Upper
117 100
82 57.5 46.4 69.6
119 31.6 24.8 37.2

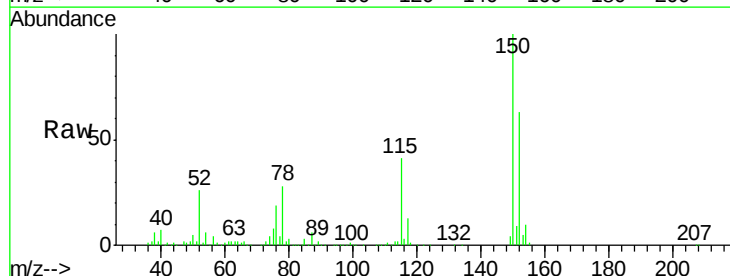


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3602
Delta R.T. 0.00 min
Lab File: VN063321.D
Acq: 11 Sep 2020 17:54

Tgt Ion:152 Resp: 269301
Ion Ratio Lower Upper
152 100
115 63.3 31.5 94.5
150 158.1 0.0 344.0



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

