

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091420\
 Data File : VN063350.D
 Acq On : 14 Sep 2020 18:31
 Operator : JC/MD
 Sample : L3988-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ163I-20200909

Quant Time: Sep 15 08:17:59 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

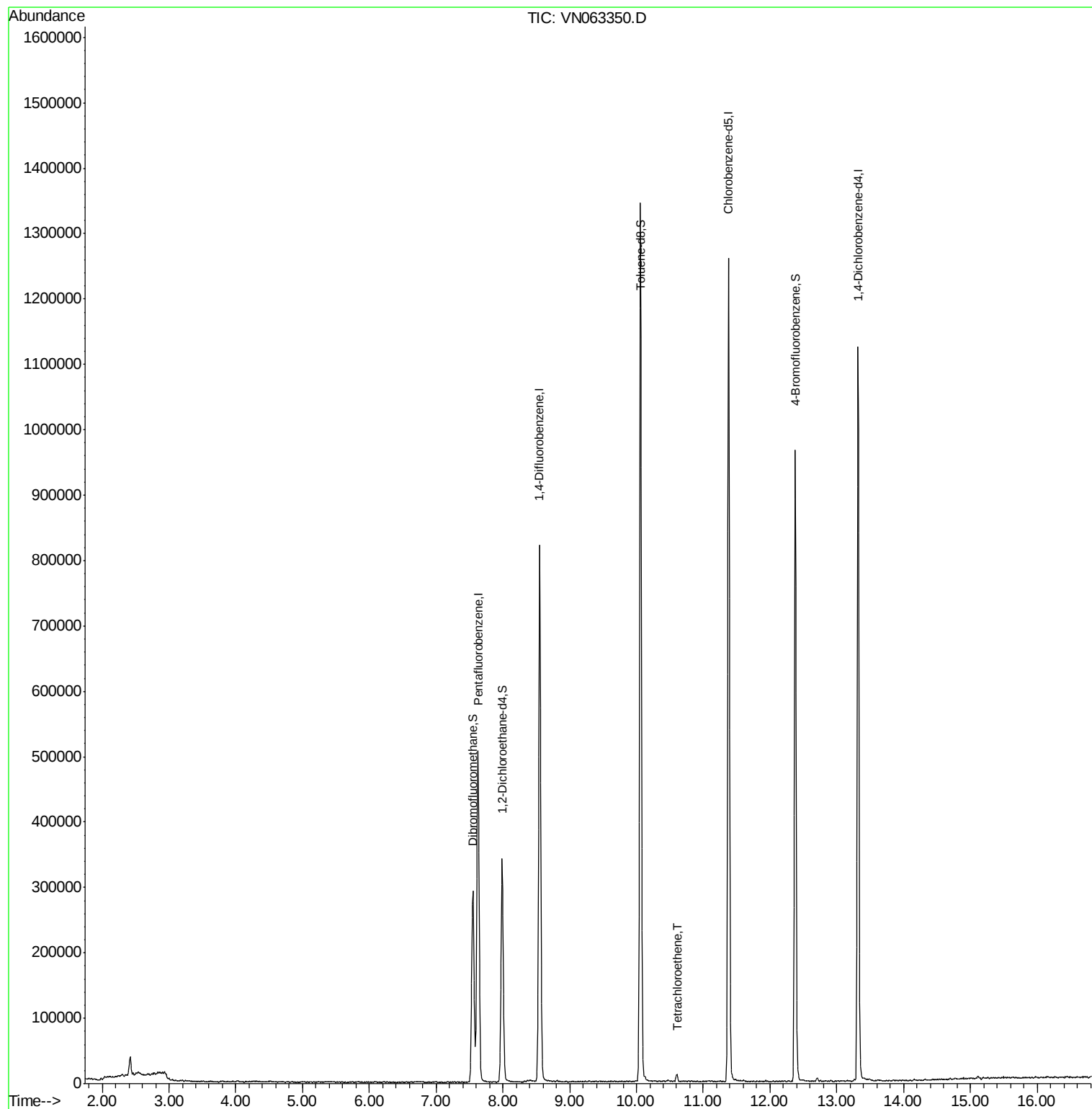
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	381184	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	713995	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	686907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	283759	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	290519	48.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.02%	
35) Dibromofluoromethane	7.55	113	226509	49.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.36%	
50) Toluene-d8	10.06	98	915734	51.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.76%	
62) 4-Bromofluorobenzene	12.38	95	336422	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.20%	
Target Compounds						
64) Tetrachloroethene	10.61	164	2194	0.390	ug/l	Qvalue 90

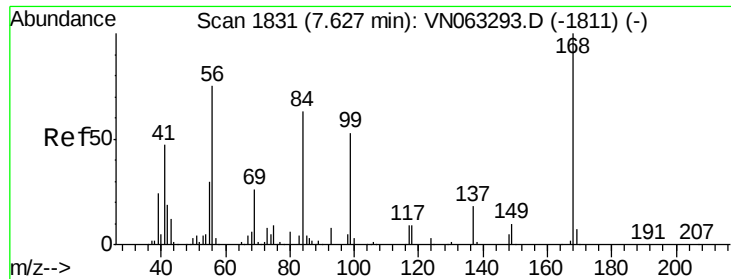
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091420\
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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: VN063350.D

Acq: 14 Sep 2020 18:31

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MSVOA_N

ClientSampleId :

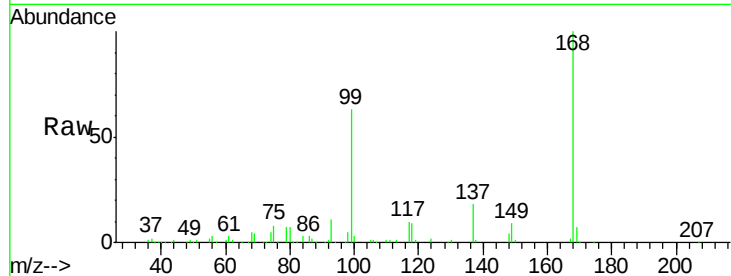
SA-PZ163I-20200909

Tot Ion:168 Resp: 381184

Ion Ratio Lower Upper

168 100

99 63.0 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

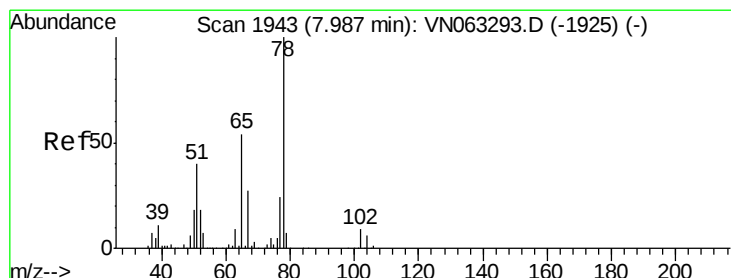
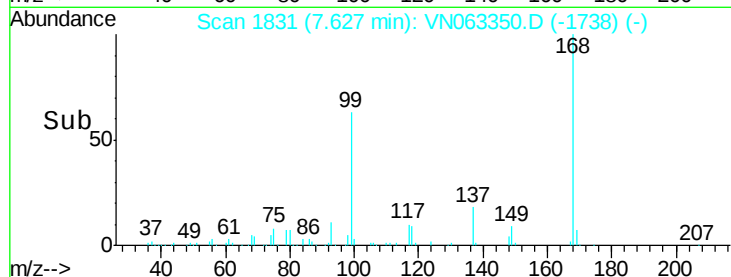
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 48.509 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063350.D

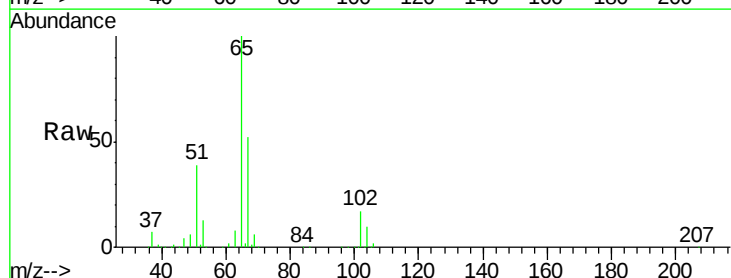
Acq: 14 Sep 2020 18:31

Tgt Ion: 65 Resp: 290519

Ion Ratio Lower Upper

65 100

67 52.7 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

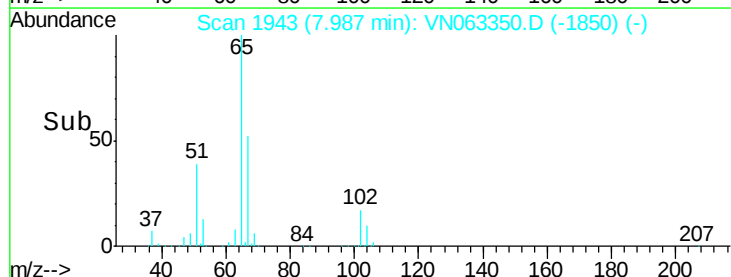
150000

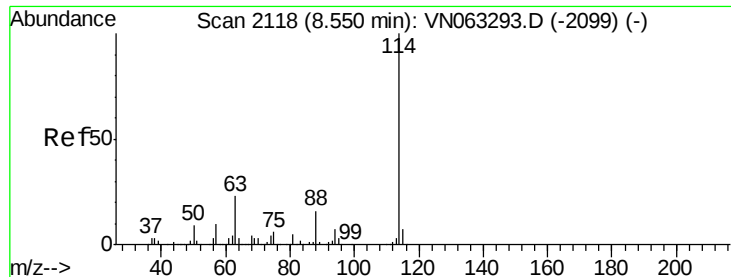
100000

50000

0

Time--> 7.90 8.00 8.10

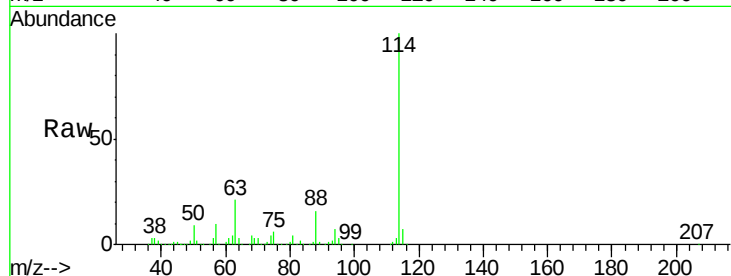




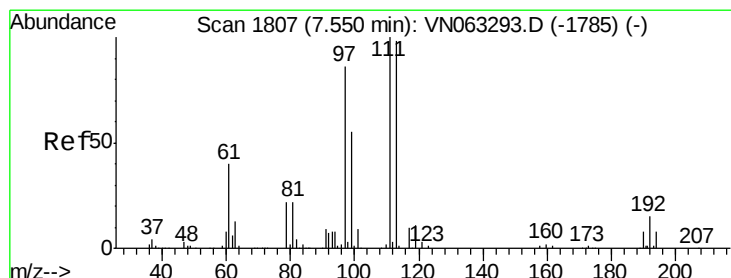
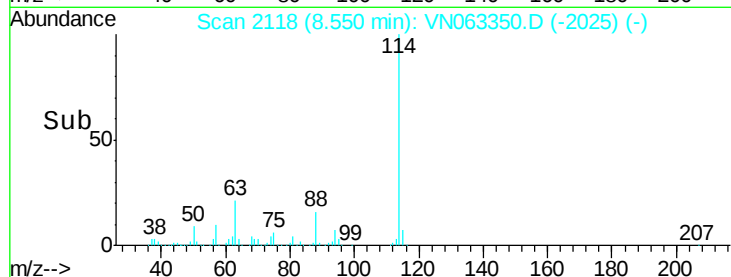
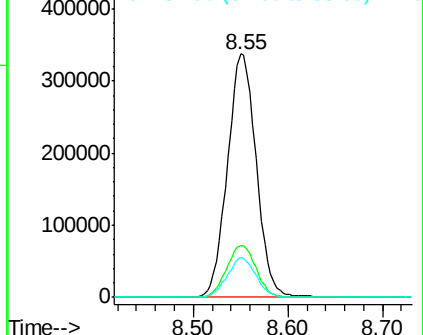
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063350.D
 Acq: 14 Sep 2020 18:31

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ163I-20200909

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	46.0
88	16.2	0.0	32.8

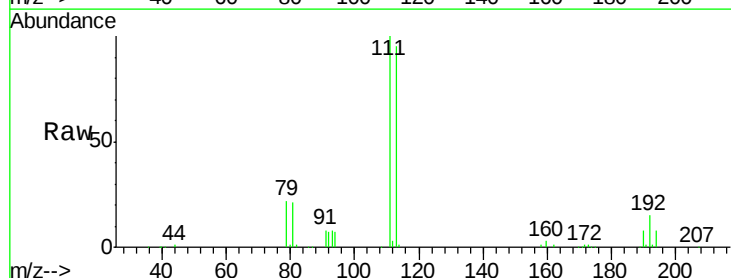


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

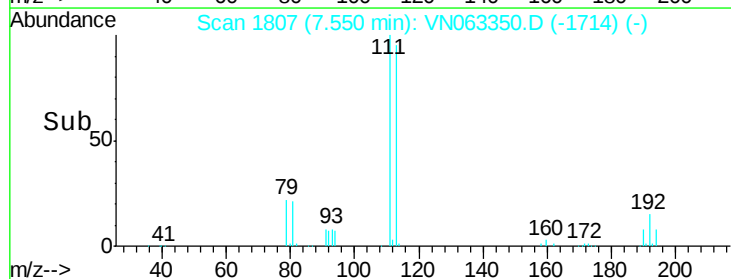
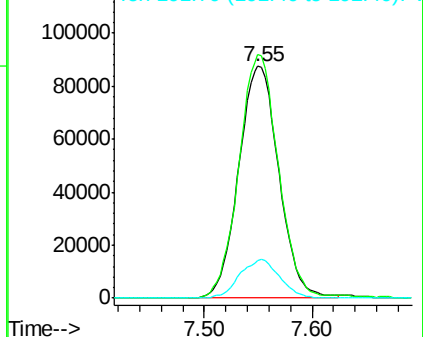


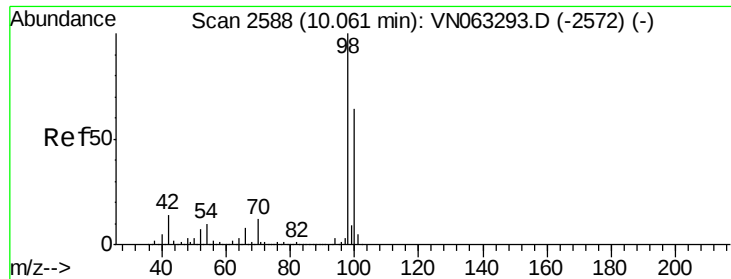
#35
 Dibromofluoromethane
 Concen: 49.175 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. -0.00 min
 Lab File: VN063350.D
 Acq: 14 Sep 2020 18:31

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.2	123.2
192	16.6	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: 51.877 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. -0.00 min

Lab File: VN063350.D

Acq: 14 Sep 2020 18:31

Instrument :

MSVOA_N

ClientSampleId :

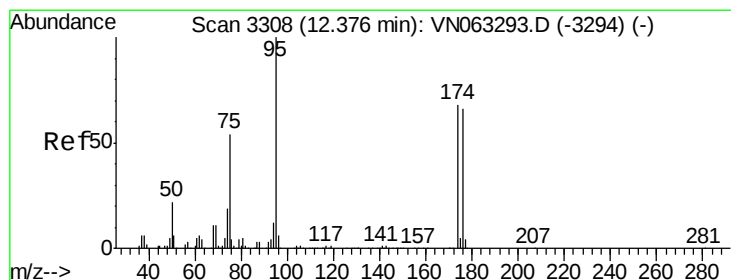
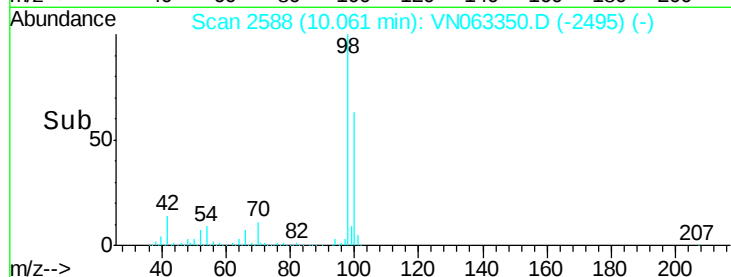
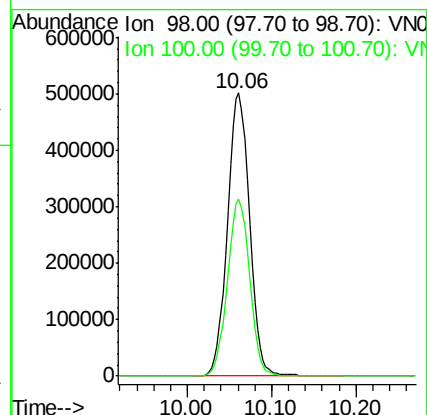
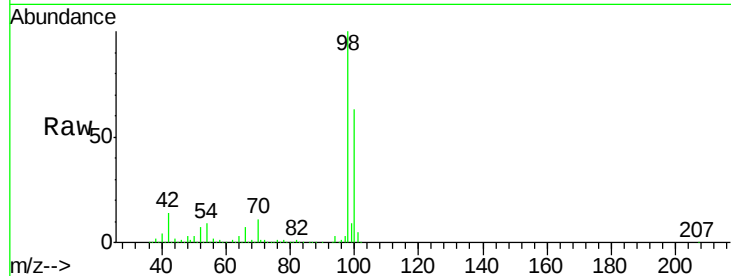
SA-PZ163I-20200909

Tot Ion: 98 Resp: 915734

Ion Ratio Lower Upper

98 100

100 62.5 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 51.600 ug/l

RT: 12.38 min Scan# 3309

Delta R.T. 0.00 min

Lab File: VN063350.D

Acq: 14 Sep 2020 18:31

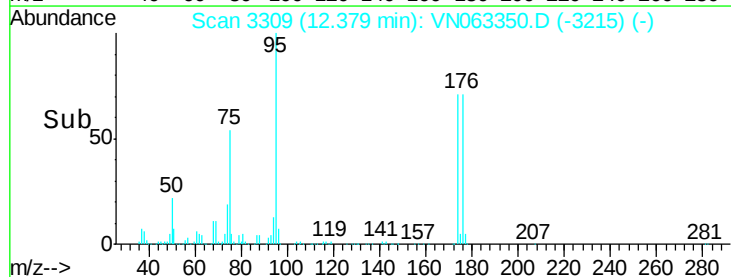
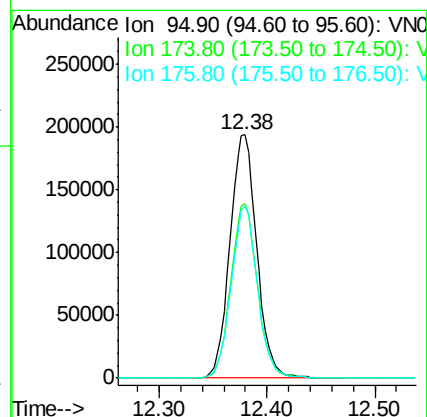
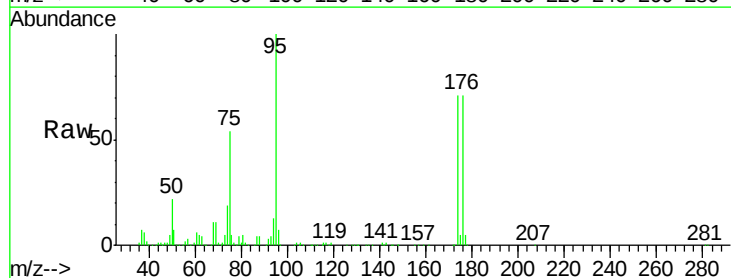
Tgt Ion: 95 Resp: 336422

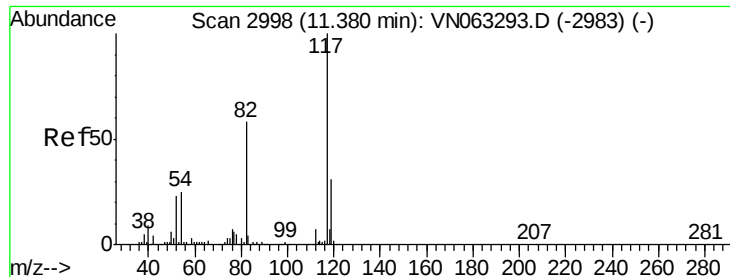
Ion Ratio Lower Upper

95 100

174 70.9 0.0 136.6

176 69.2 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: VN063350.D

Acq: 14 Sep 2020 18:31

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ163I-20200909

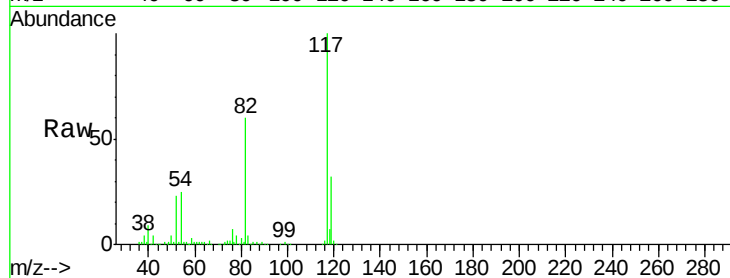
Tot Ion:117 Resp: 686907

Ion Ratio Lower Upper

117 100

82 59.6 46.4 69.6

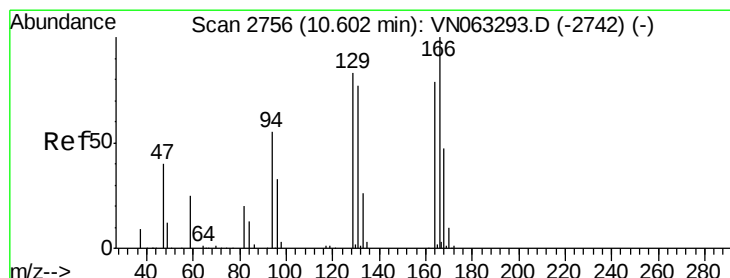
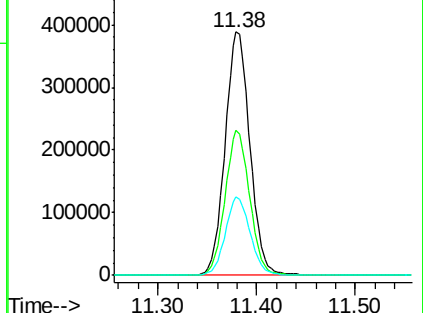
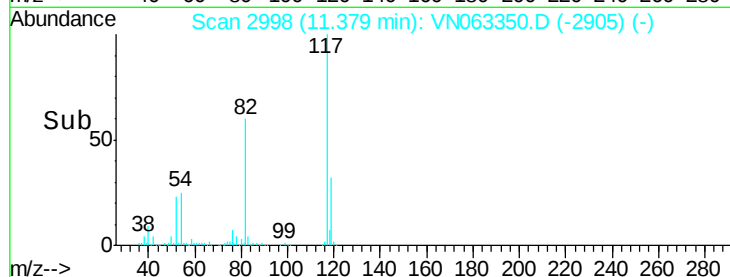
119 32.1 24.8 37.2



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



#64

Tetrachloroethene

Concen: 0.390 ug/l

RT: 10.61 min Scan# 2758

Delta R.T. 0.01 min

Lab File: VN063350.D

Acq: 14 Sep 2020 18:31

Tgt Ion:164 Resp: 2194

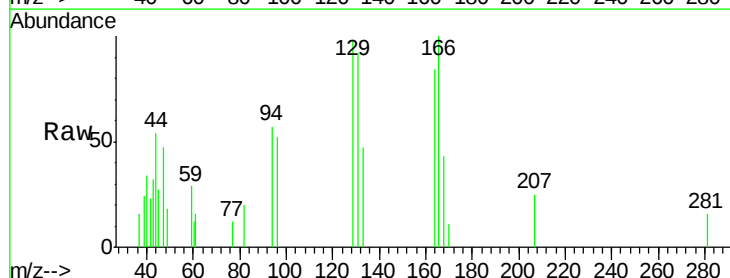
Ion Ratio Lower Upper

164 100

166 119.4 101.3 151.9

129 117.2 83.7 125.5

131 110.3 78.2 117.4

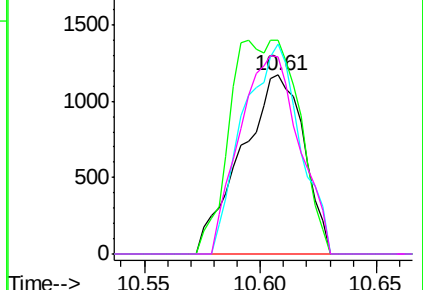
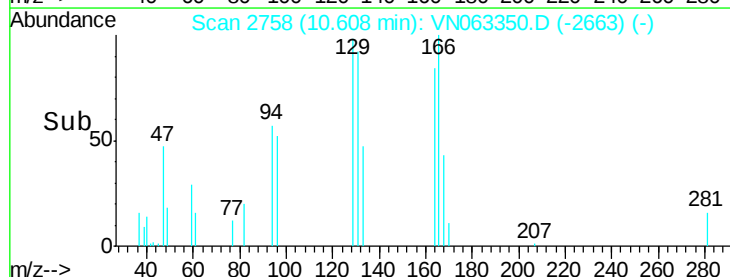


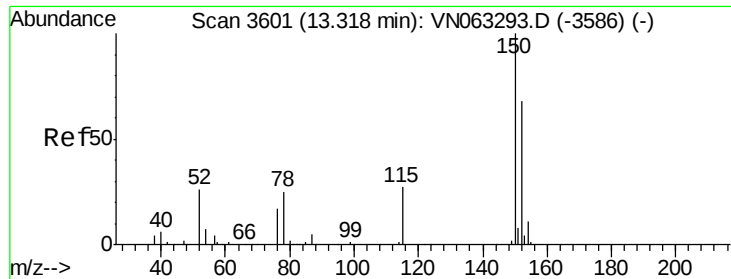
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063350.D

Acq: 14 Sep 2020 18:31

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MSVOA_N

ClientSampleId :

SA-PZ163I-20200909

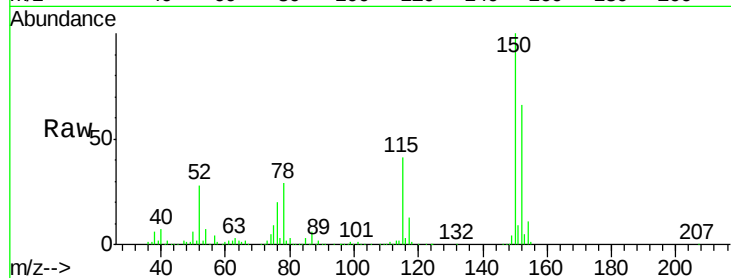
Tot Ion:152 Resp: 283759

Ion Ratio Lower Upper

152 100

115 63.0 31.5 94.5

150 156.0 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

