

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091420\
 Data File : VN063349.D
 Acq On : 14 Sep 2020 18:07
 Operator : JC/MD
 Sample : L3988-14
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-MW129I-20200909

Quant Time: Sep 15 08:04:27 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

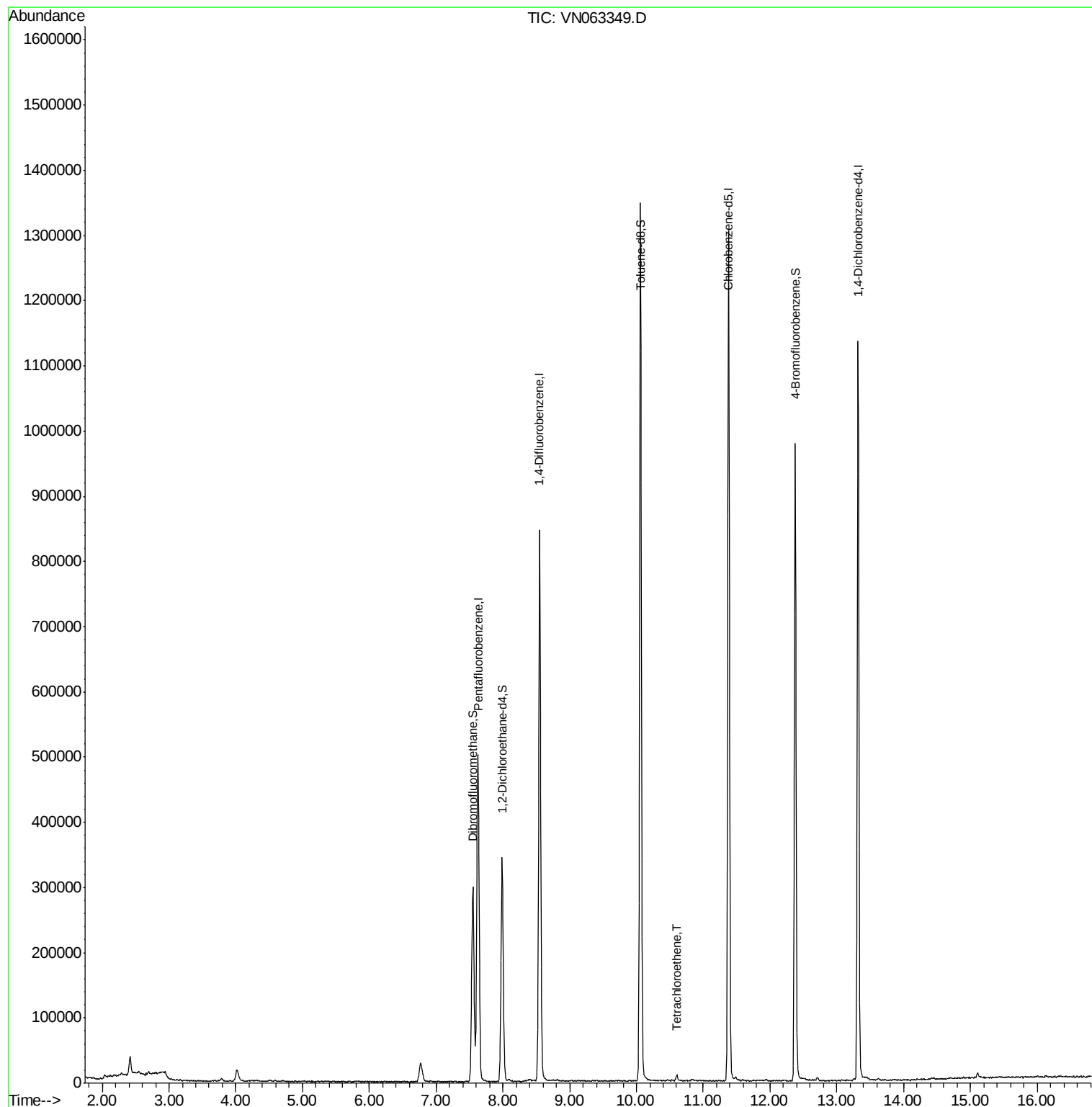
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	385004	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	718499	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	699882	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	279771	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	287684	47.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.12%	
35) Dibromofluoromethane	7.55	113	228719	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.68%	
50) Toluene-d8	10.06	98	910362	51.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.50%	
62) 4-Bromofluorobenzene	12.38	95	340589	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.82%	
Target Compounds						
64) Tetrachloroethene	10.60	164	1819	0.317	ug/l #	Qvalue 89

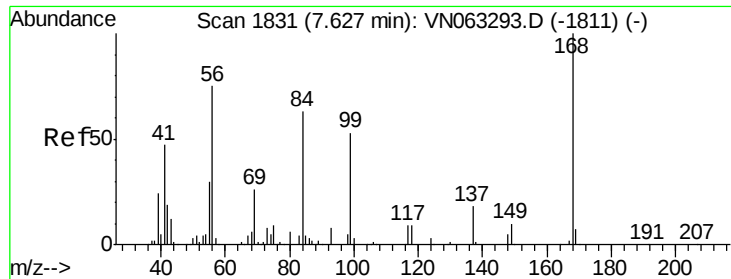
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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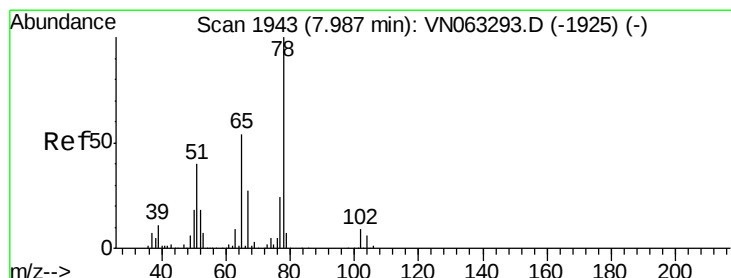
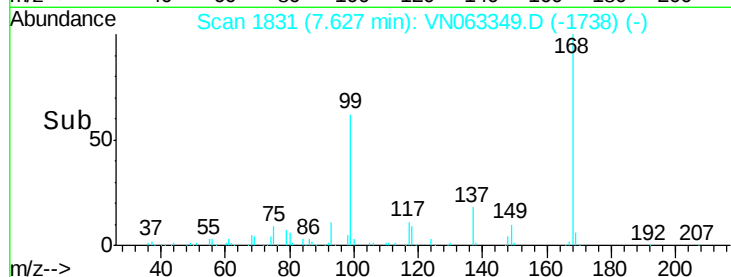
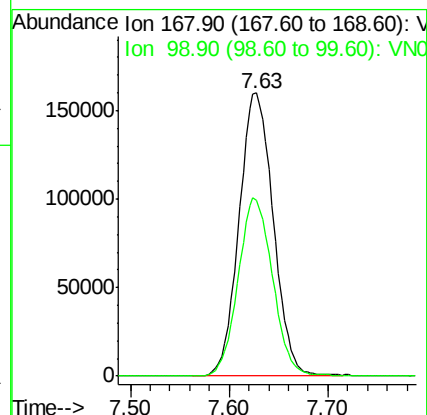
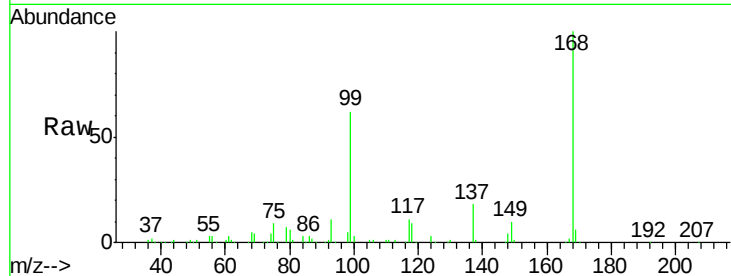




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. -0.00 min
Lab File: VN063349.D
Acq: 14 Sep 2020 18:07

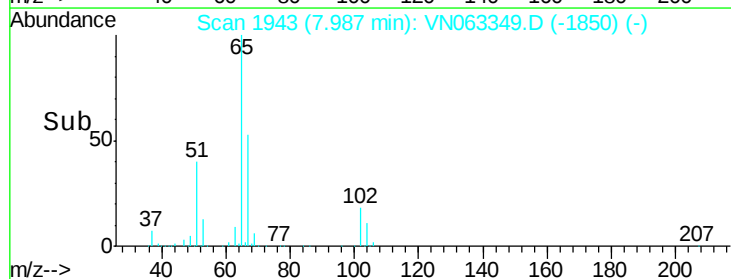
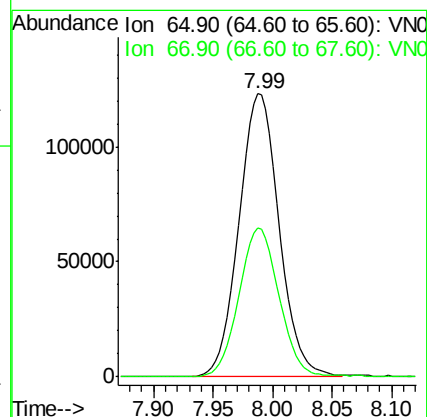
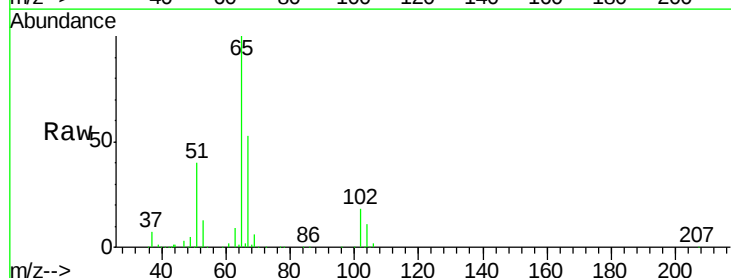
Instrument :
MSVOA_N
ClientSampleId :
SA-MW129I-20200909

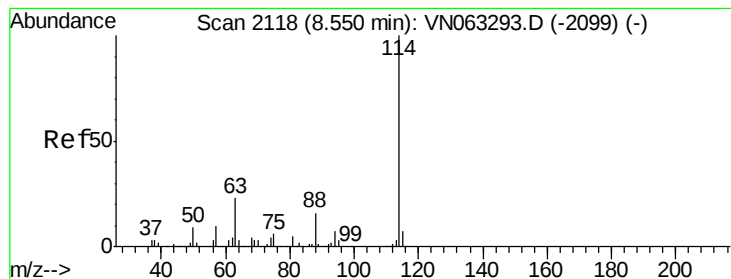
Tot Ion:168 Resp: 385004
Ion Ratio Lower Upper
168 100
99 62.3 51.1 76.7



#33
1,2-Dichloroethane-d4
Concen: 47.559 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. 0.00 min
Lab File: VN063349.D
Acq: 14 Sep 2020 18:07

Tgt Ion: 65 Resp: 287684
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063349.D

Acq: 14 Sep 2020 18:07

Instrument :

MSVOA_N

ClientSampleId :

SA-MW129I-20200909

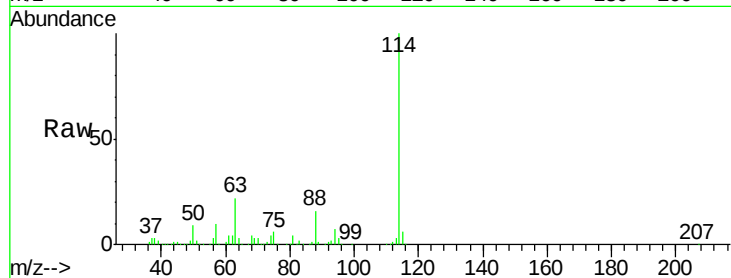
Tot Ion:114 Resp: 718499

Ion Ratio Lower Upper

114 100

63 21.9 0.0 46.0

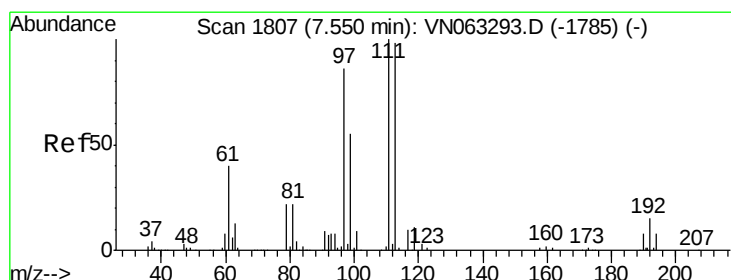
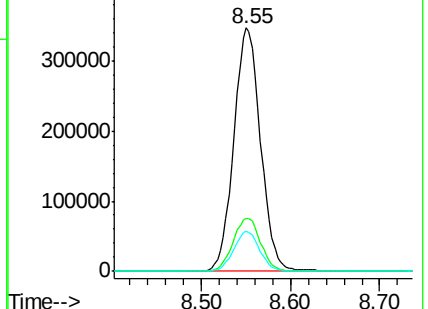
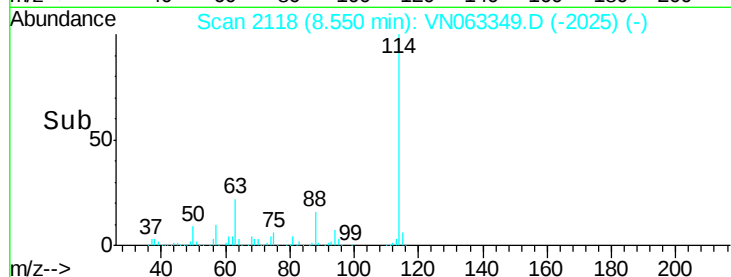
88 16.4 0.0 32.8



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: 49.344 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VN063349.D

Acq: 14 Sep 2020 18:07

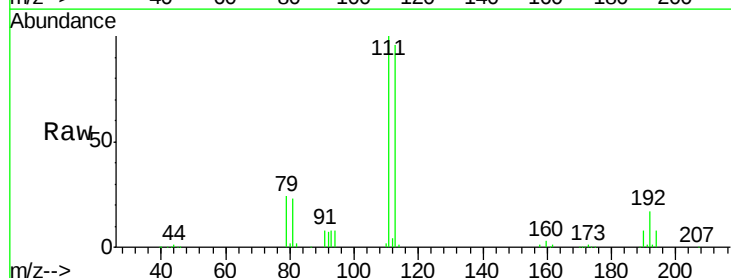
Tgt Ion:113 Resp: 228719

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.2

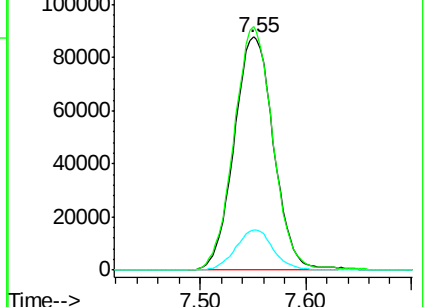
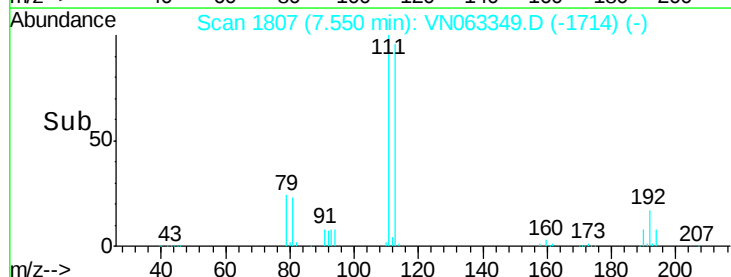
192 16.6 12.9 19.3

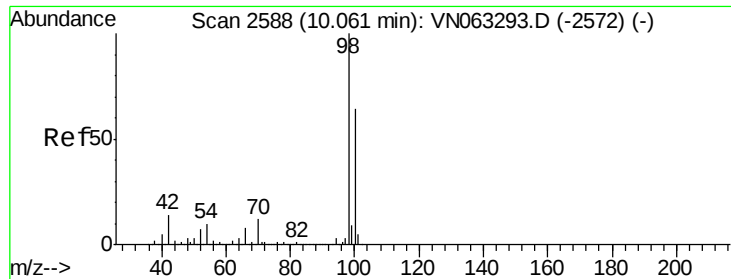


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.250 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. -0.00 min

Lab File: VN063349.D

Acq: 14 Sep 2020 18:07

Instrument :

MSVOA_N

ClientSampleId :

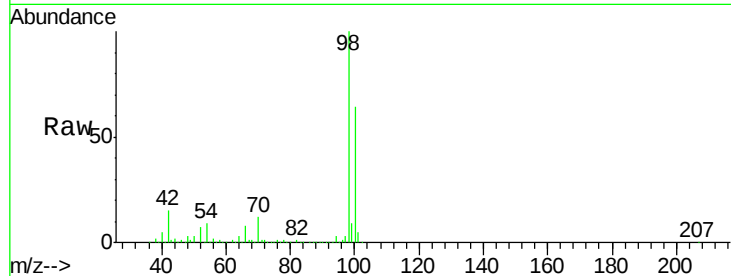
SA-MW129I-20200909

Tot Ion: 98 Resp: 910362

Ion Ratio Lower Upper

98 100

100 64.2 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN063293.D (-2572) (-)

Ion 100.00 (99.70 to 100.70): VN063293.D (-2572) (-)

10.06

500000

400000

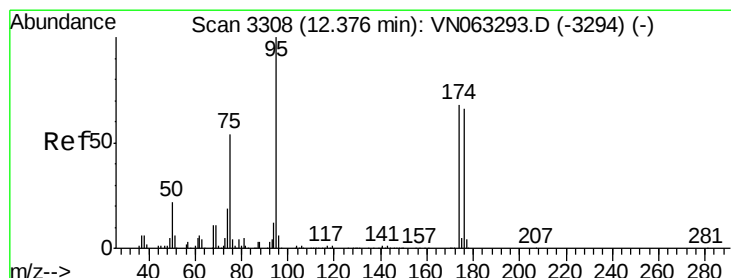
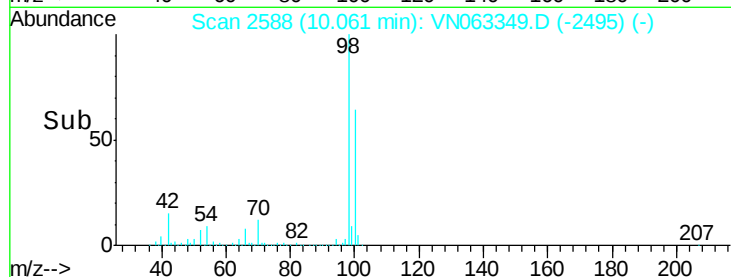
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.912 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063349.D

Acq: 14 Sep 2020 18:07

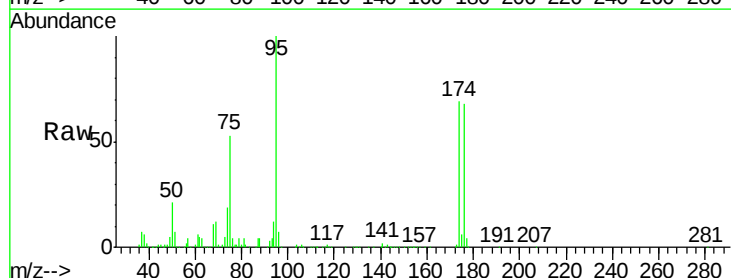
Tgt Ion: 95 Resp: 340589

Ion Ratio Lower Upper

95 100

174 71.1 0.0 136.6

176 68.8 0.0 132.8



Abundance Ion 94.90 (94.60 to 95.60): VN063293.D (-3294) (-)

Ion 173.80 (173.50 to 174.50): VN063293.D (-3294) (-)

Ion 175.80 (175.50 to 176.50): VN063293.D (-3294) (-)

12.38

250000

200000

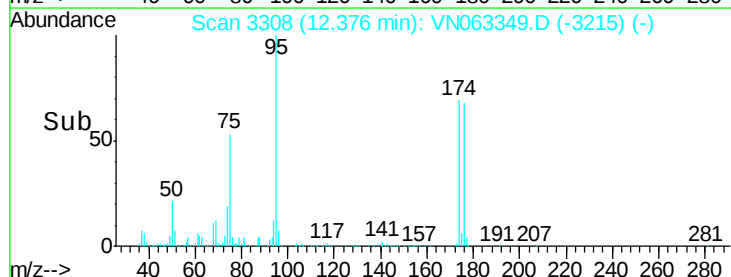
150000

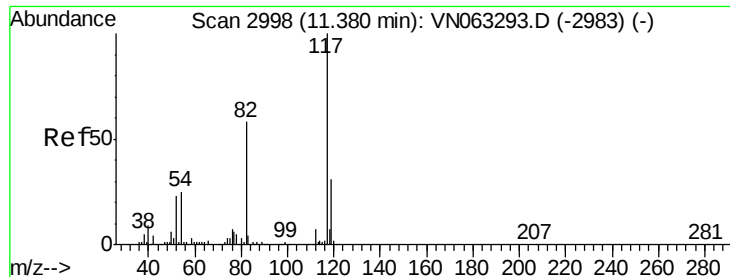
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN063349.D

Acq: 14 Sep 2020 18:07

Instrument :

MSVOA_N

ClientSampleId :

SA-MW129I-20200909

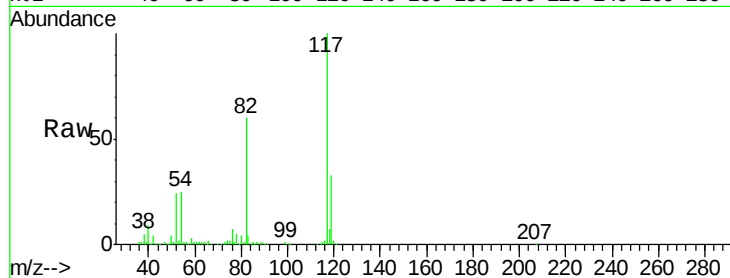
Tot Ion:117 Resp: 699882

Ion Ratio Lower Upper

117 100

82 59.5 46.4 69.6

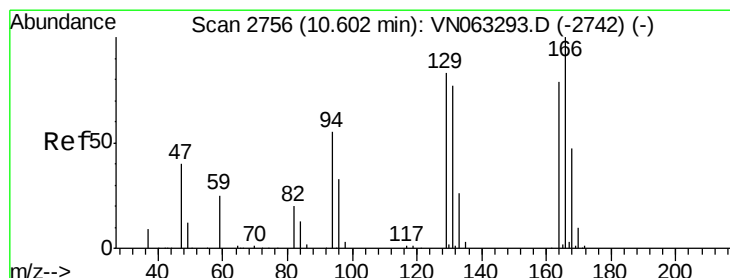
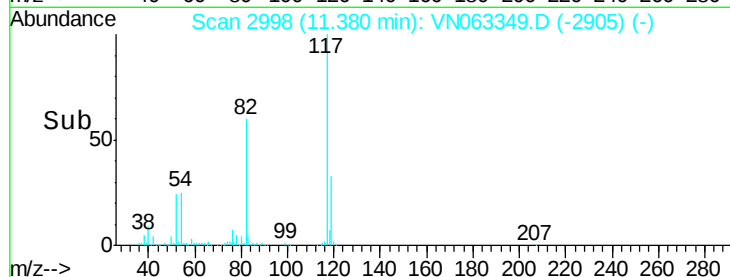
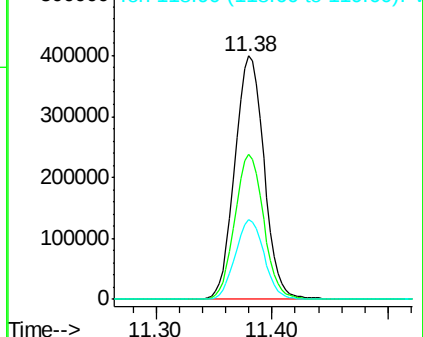
119 32.6 24.8 37.2



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



#64

Tetrachloroethene

Concen: 0.317 ug/l

RT: 10.60 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VN063349.D

Acq: 14 Sep 2020 18:07

Tgt Ion:164 Resp: 1819

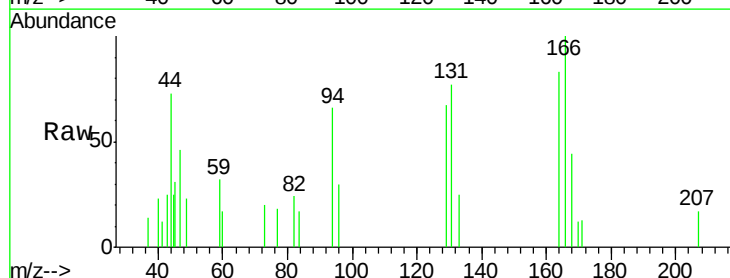
Ion Ratio Lower Upper

164 100

166 120.7 101.3 151.9

129 80.4 83.7 125.5#

131 92.4 78.2 117.4

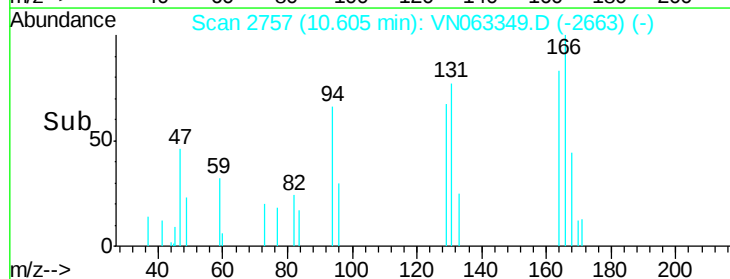
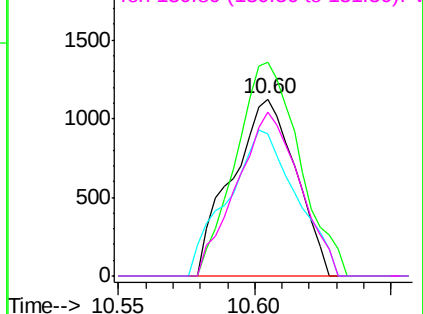


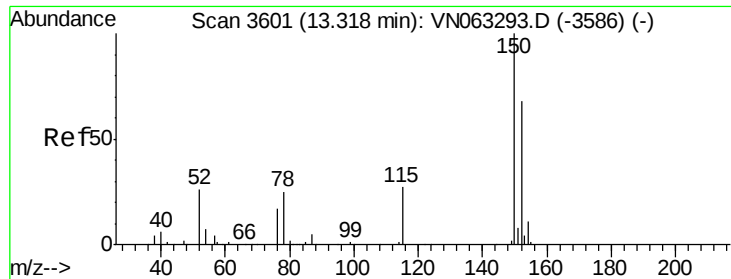
Abundance Ion 163.80 (163.50 to 164.50): V

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: VN063349.D

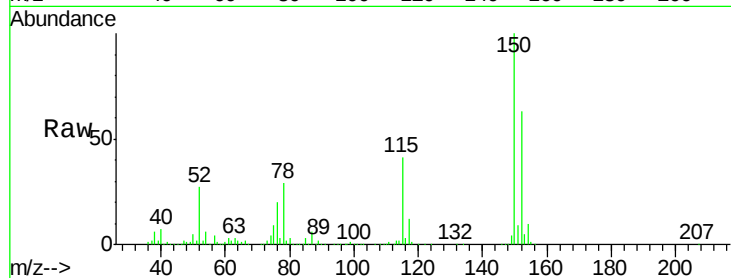
Acq: 14 Sep 2020 18:07

Instrument :

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ClientSampleId :

SA-MW129I-20200909



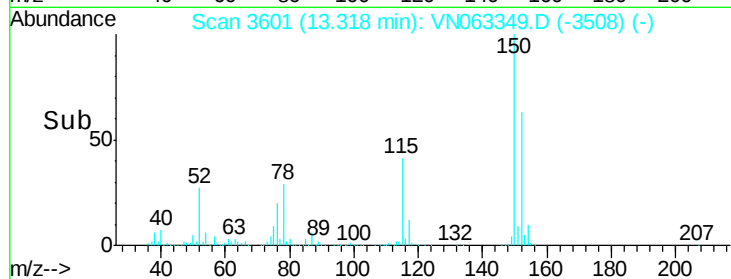
Tot Ion:152 Resp: 279771

Ion Ratio Lower Upper

152 100

115 64.2 31.5 94.5

150 160.0 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

