

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091120\
 Data File : VN063318.D
 Acq On : 11 Sep 2020 16:42
 Operator : JC/MD
 Sample : L3988-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ133I-20200908

Quant Time: Sep 12 04:35:35 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	377744	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	696252	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	681581	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	277818	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	289377	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
35) Dibromofluoromethane	7.55	113	223393	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
50) Toluene-d8	10.06	98	898448	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	
62) 4-Bromofluorobenzene	12.38	95	332437	52.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.58%	

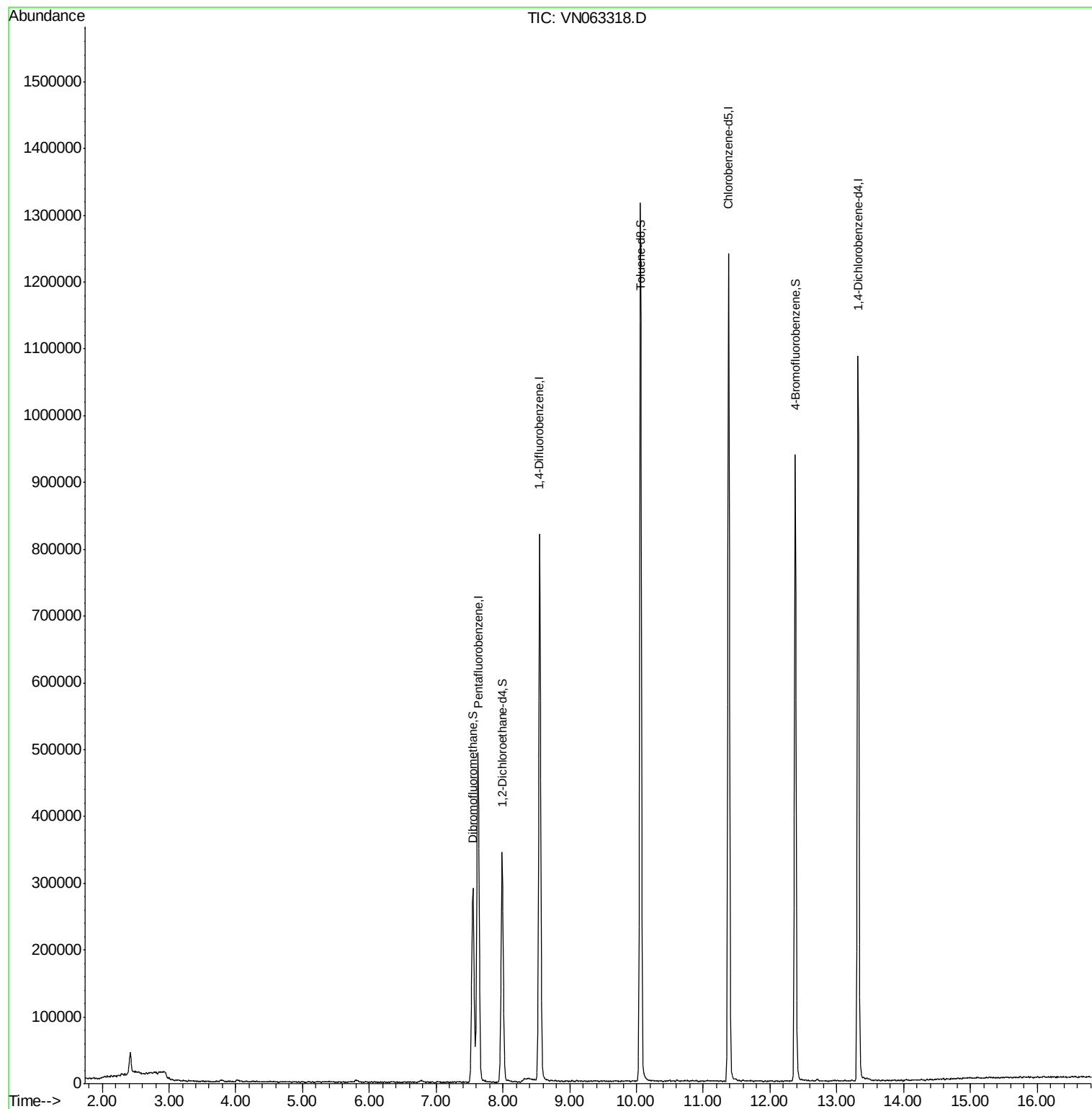
Target Compounds	Qvalue

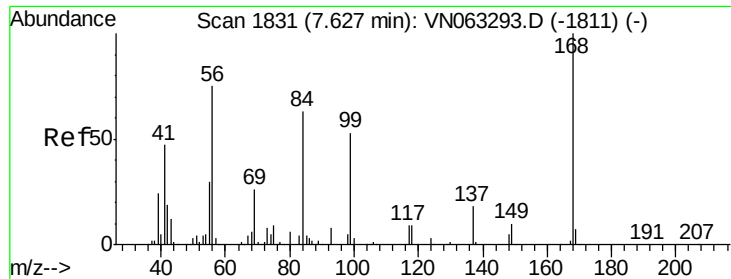
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. -0.00 min

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Acq: 11 Sep 2020 16:42

Instrument :

MSVOA_N

ClientSampleId :

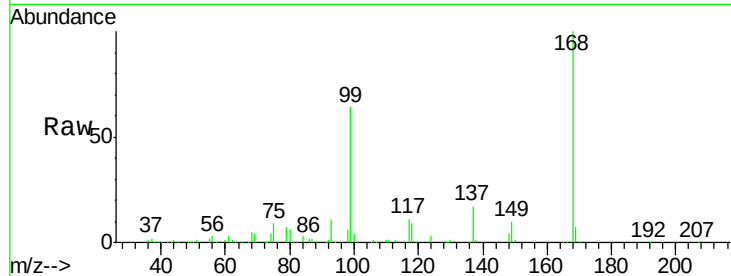
SA-PZ133I-20200908

Tot Ion:168 Resp: 377744

Ion Ratio Lower Upper

168 100

99 64.0 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

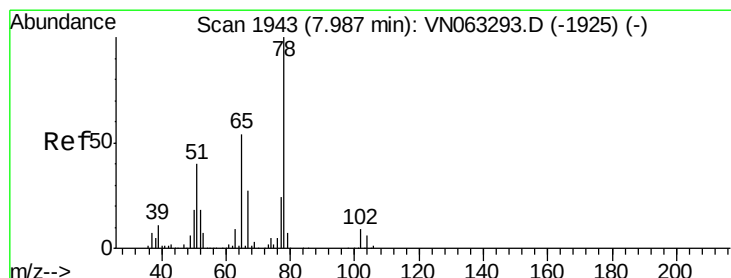
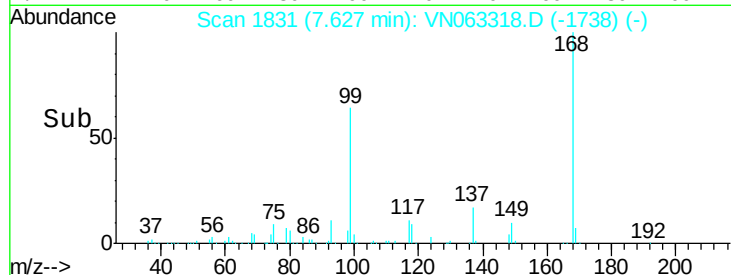
100000

50000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.759 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN063318.D

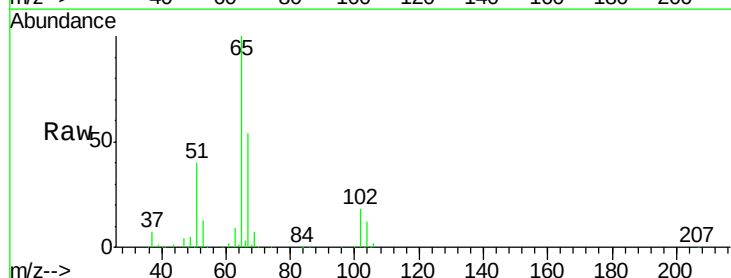
Acq: 11 Sep 2020 16:42

Tgt Ion: 65 Resp: 289377

Ion Ratio Lower Upper

65 100

67 51.6 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

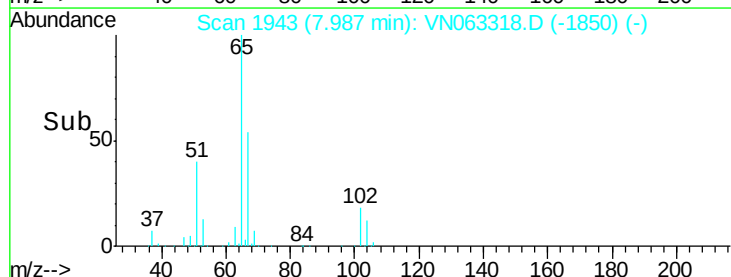
100000

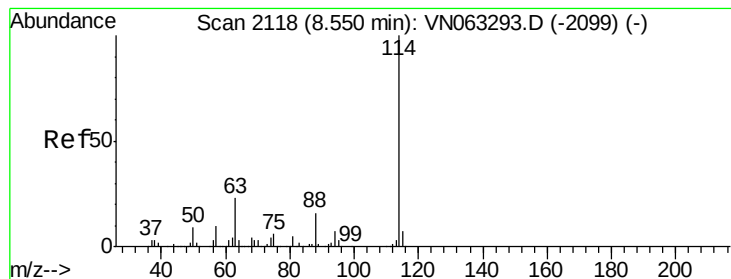
50000

0

7.90 8.00 8.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN063318.D

Acq: 11 Sep 2020 16:42

Instrument :

MSVOA_N

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SA-PZ133I-20200908

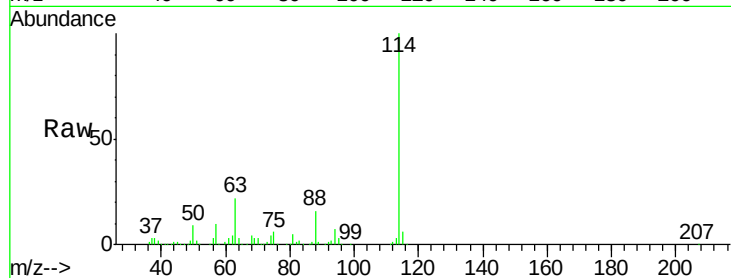
Tot Ion:114 Resp: 696252

Ion Ratio Lower Upper

114 100

63 22.3 0.0 46.0

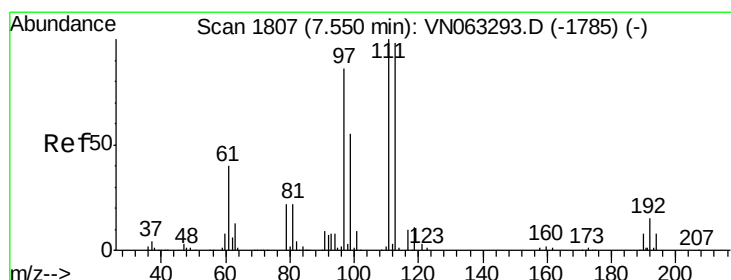
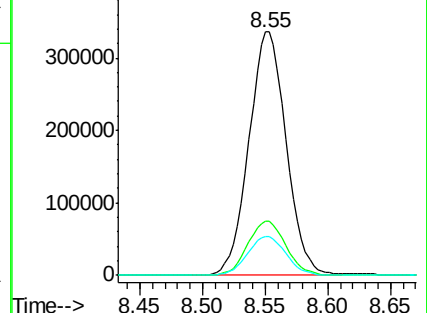
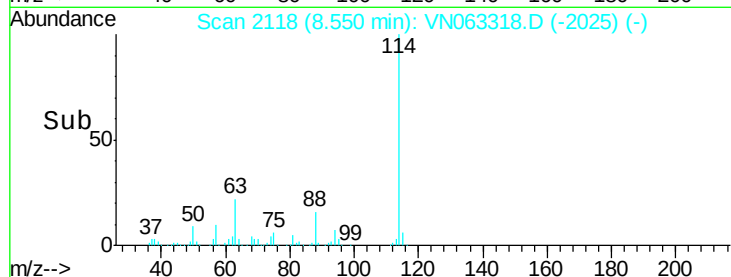
88 16.1 0.0 32.8



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: 49.734 ug/l

RT: 7.55 min Scan# 1807

Delta R.T. -0.00 min

Lab File: VN063318.D

Acq: 11 Sep 2020 16:42

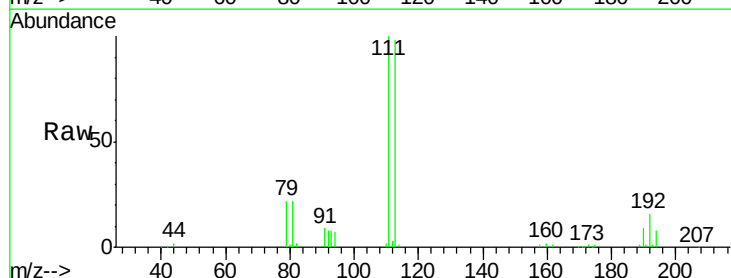
Tgt Ion:113 Resp: 223393

Ion Ratio Lower Upper

113 100

111 105.0 82.2 123.2

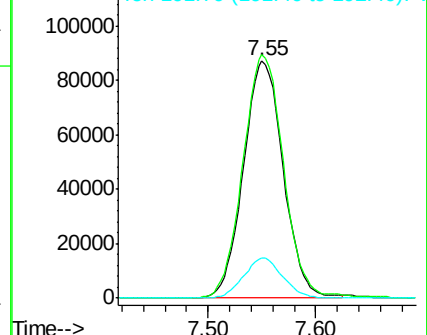
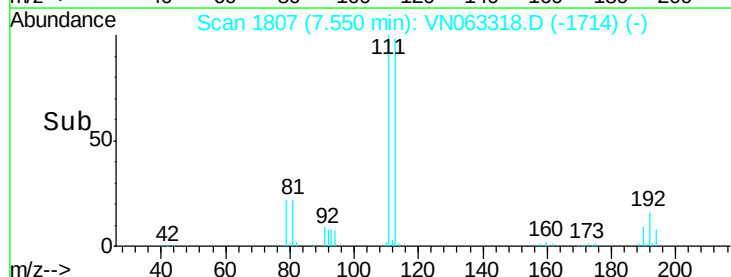
192 16.7 12.9 19.3

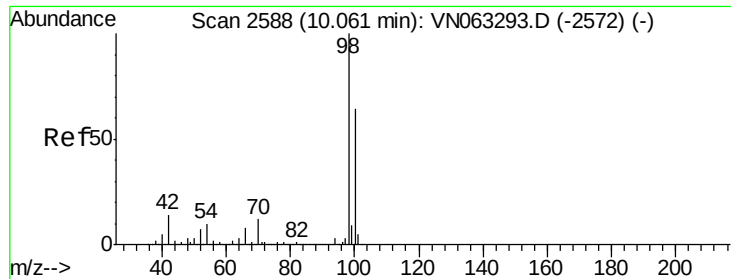


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.195 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. -0.00 min

Lab File: VN063318.D

Acq: 11 Sep 2020 16:42

Instrument :

MSVOA_N

ClientSampleId :

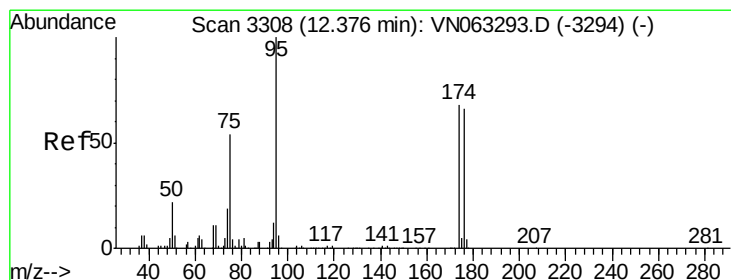
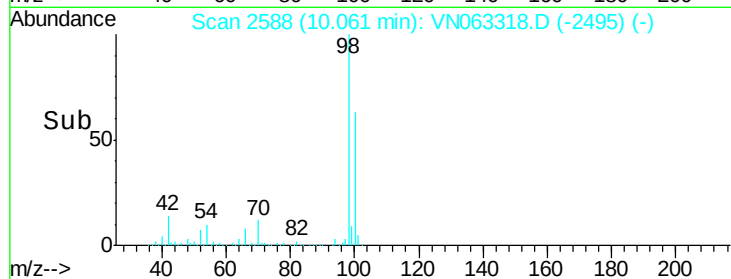
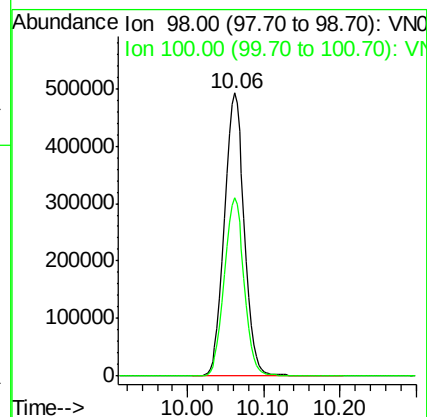
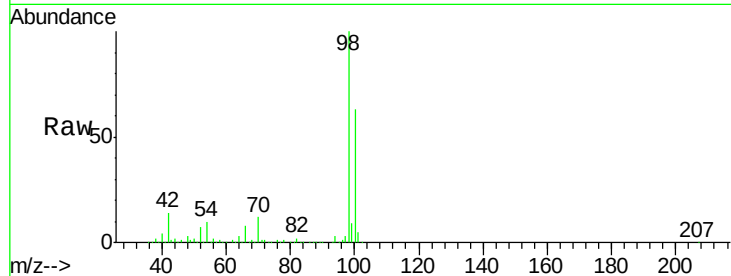
SA-PZ133I-20200908

Tot Ion: 98 Resp: 898448

Ion Ratio Lower Upper

98 100

100 62.9 50.7 76.1



#62

4-Bromofluorobenzene

Concen: 52.288 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. -0.00 min

Lab File: VN063318.D

Acq: 11 Sep 2020 16:42

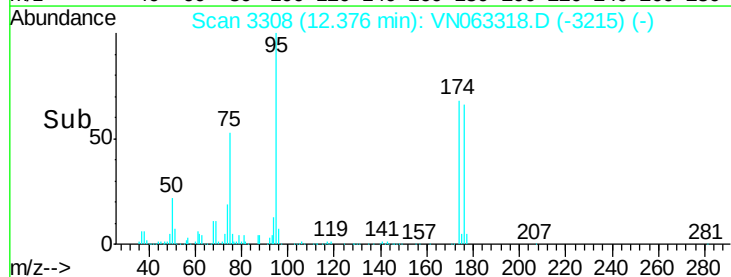
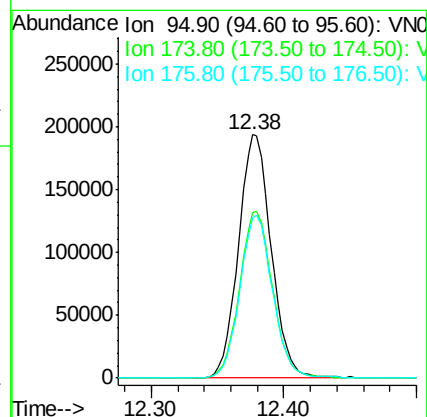
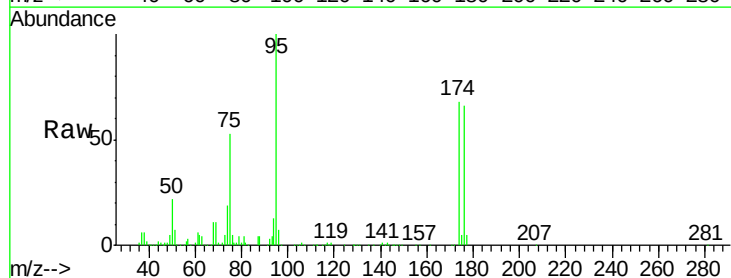
Tgt Ion: 95 Resp: 332437

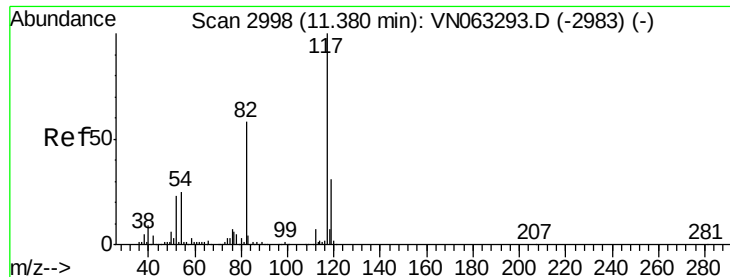
Ion Ratio Lower Upper

95 100

174 69.2 0.0 136.6

176 67.2 0.0 132.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2999

Delta R.T. 0.00 min

Lab File: VN063318.D

Acq: 11 Sep 2020 16:42

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ133I-20200908

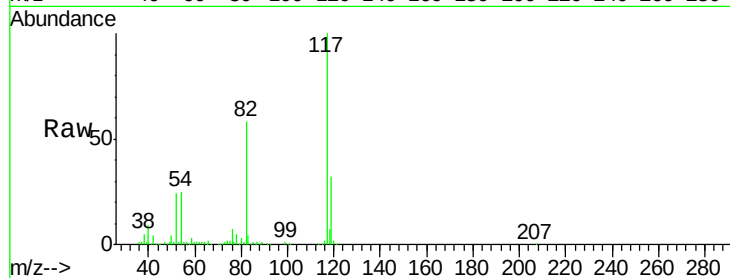
Tot Ion:117 Resp: 681581

Ion Ratio Lower Upper

117 100

82 57.6 46.4 69.6

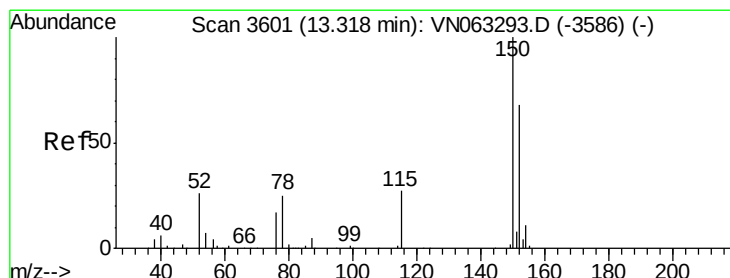
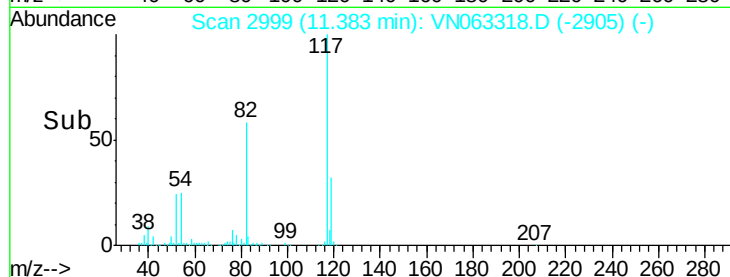
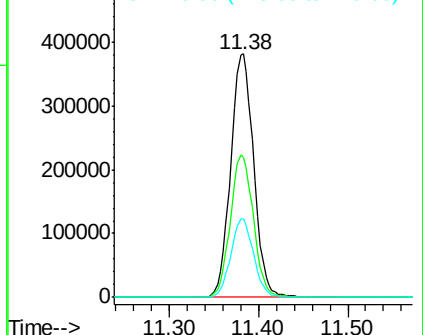
119 32.1 24.8 37.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. -0.00 min

Lab File: VN063318.D

Acq: 11 Sep 2020 16:42

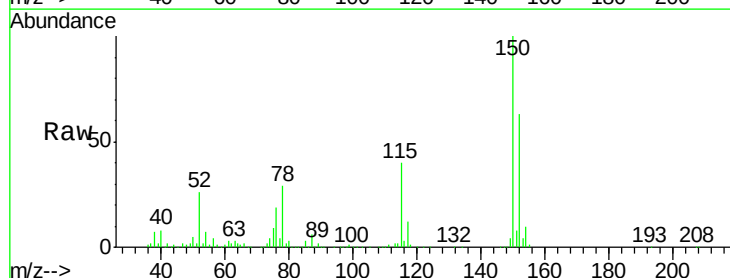
Tgt Ion:152 Resp: 277818

Ion Ratio Lower Upper

152 100

115 62.5 31.5 94.5

150 157.7 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

