

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071020\
 Data File : VN062494.D
 Acq On : 10 Jul 2020 15:55
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 11 02:28:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 00:55:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	182818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	323873	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	306237	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	115952	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	139396	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
35) Dibromofluoromethane	7.55	113	104246	52.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.14%	
50) Toluene-d8	10.06	98	419380	53.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.12%	
62) 4-Bromofluorobenzene	12.38	95	148425	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	

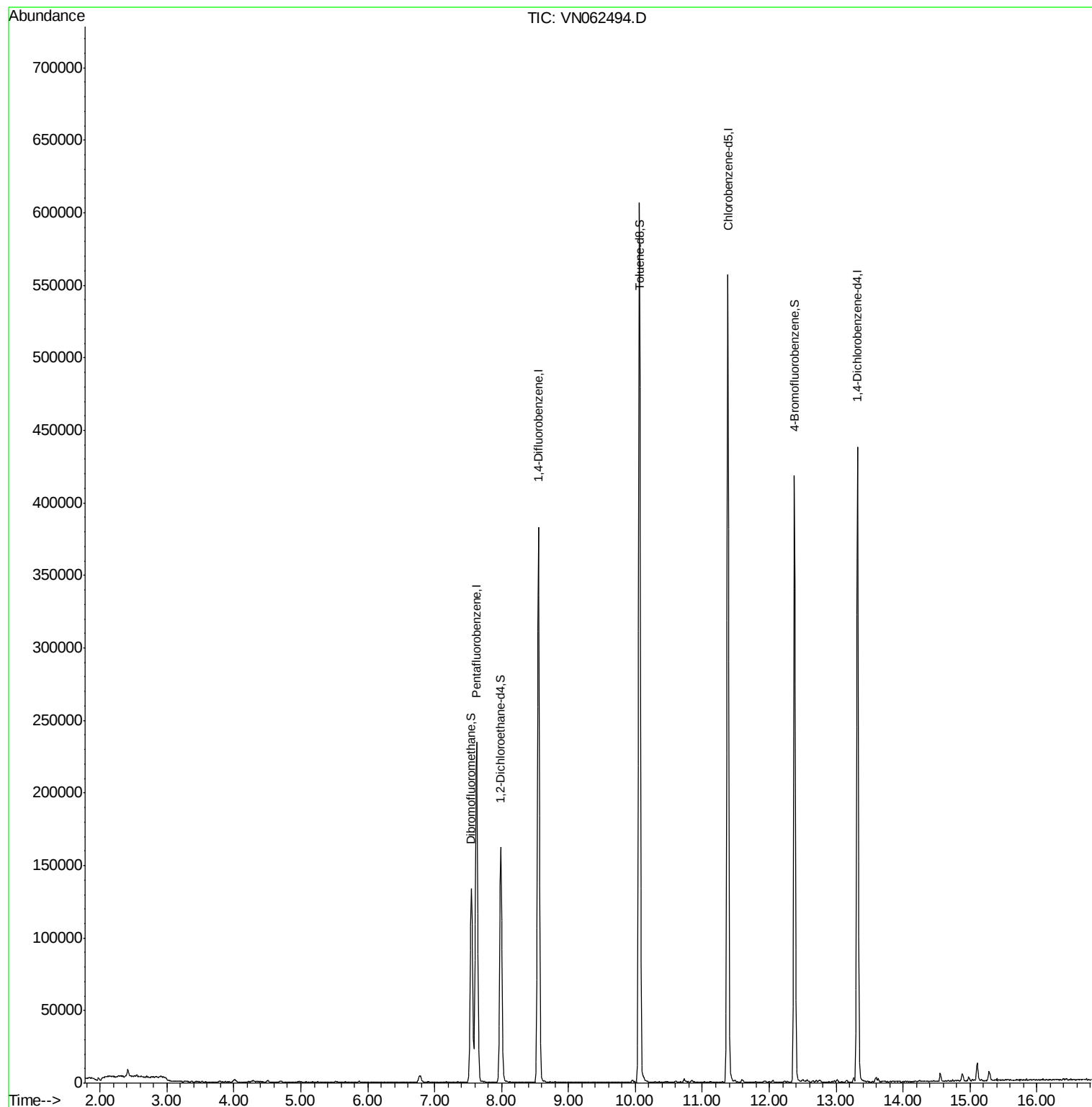
Target Compounds	Qvalue

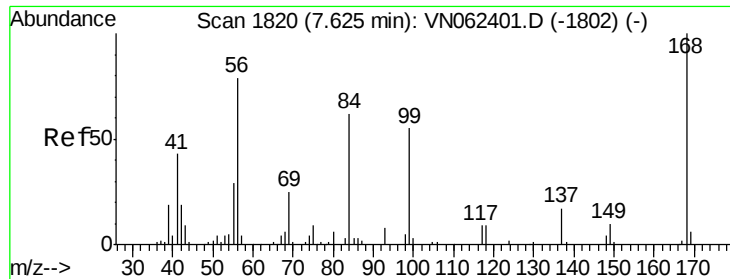
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jul 10 00:55:52 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062494.D

Acq: 10 Jul 2020 15:55

Instrument :

MSVOA_N

ClientSampled :

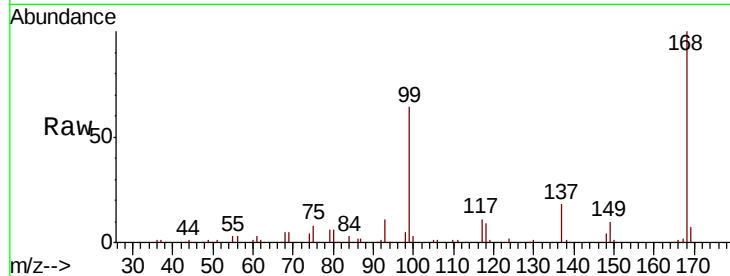
IBLK

Tot Ion:168 Resp: 182818

Ion Ratio Lower Upper

168 100

99 63.7 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

80000

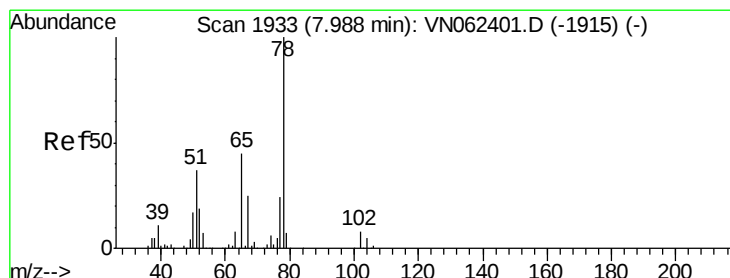
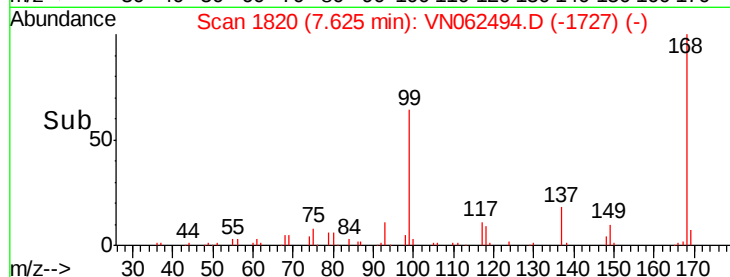
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 49.572 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062494.D

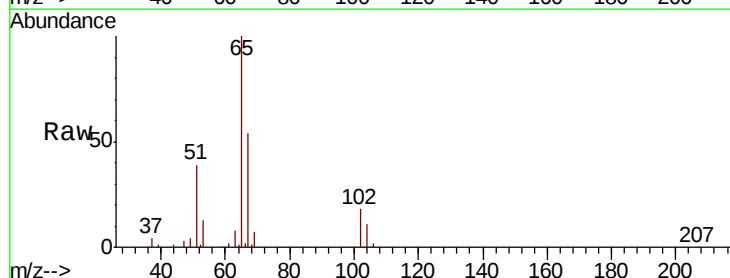
Acq: 10 Jul 2020 15:55

Tgt Ion: 65 Resp: 139396

Ion Ratio Lower Upper

65 100

67 53.5 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

7.99

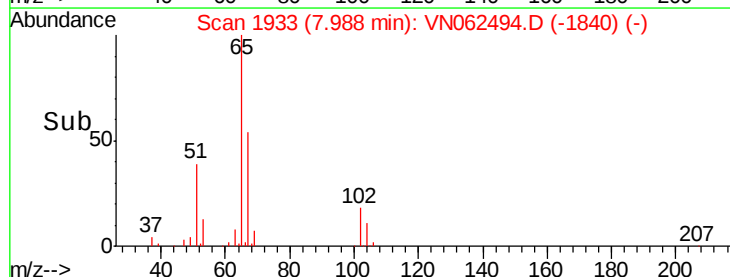
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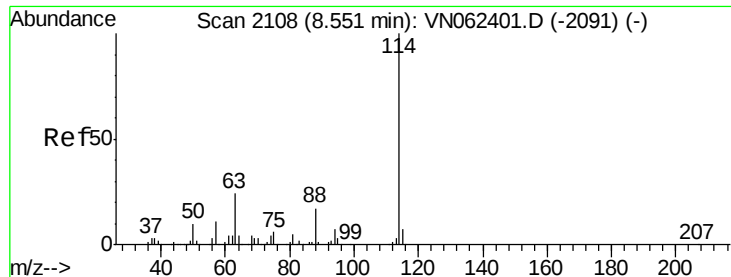
40000

20000

0

Time--> 7.90 7.95 8.00 8.05 8.10

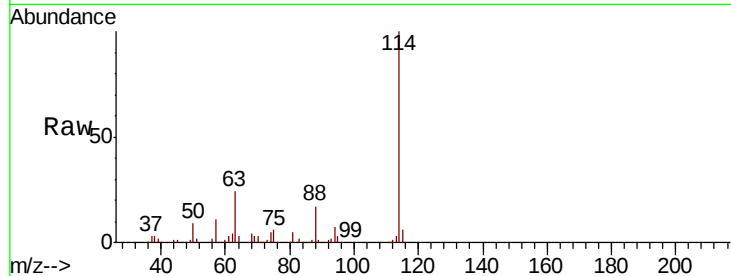




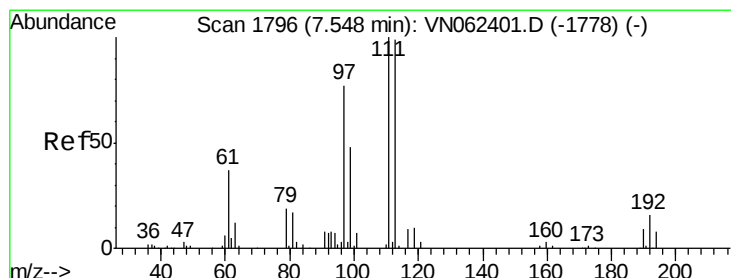
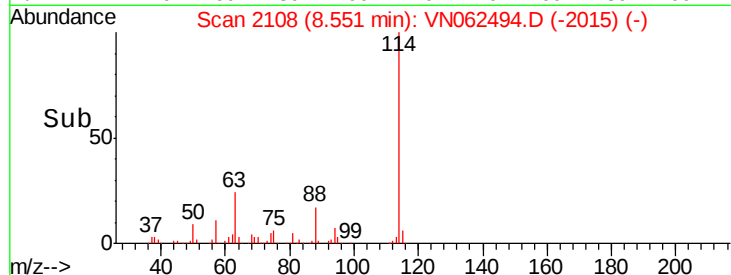
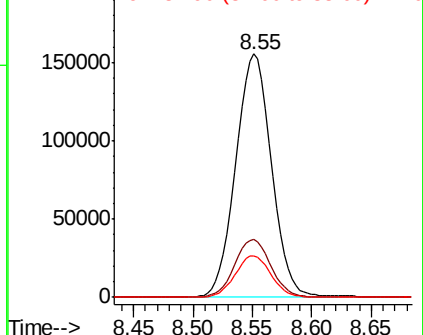
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062494.D
 Acq: 10 Jul 2020 15:55

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.7	0.0	48.4
88	17.1	0.0	33.8

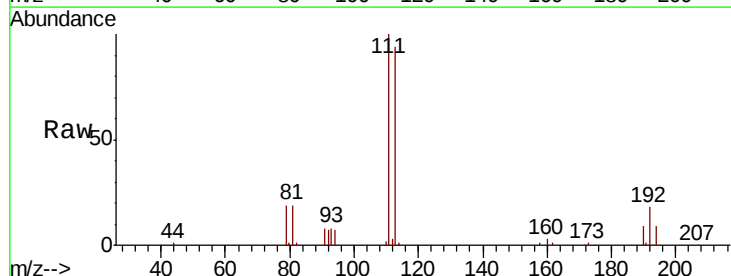


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

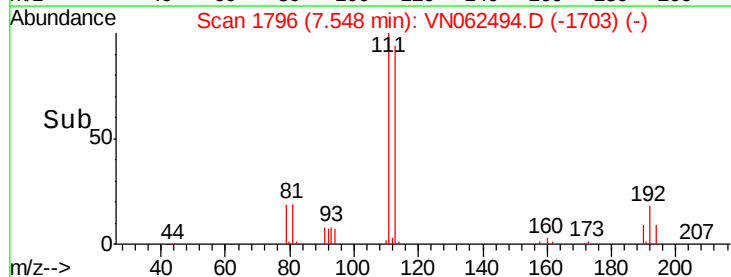
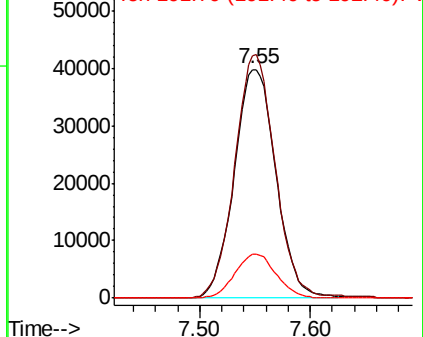


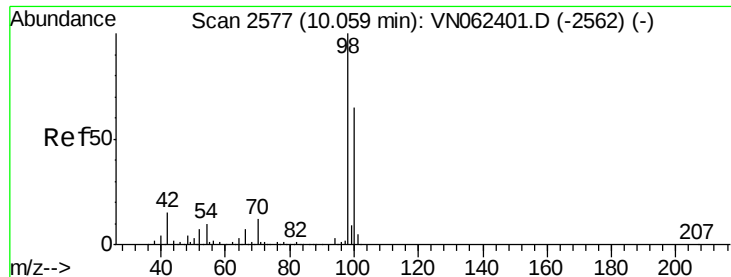
#35
 Dibromofluoromethane
 Concen: 52.072 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062494.D
 Acq: 10 Jul 2020 15:55

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.1	124.7
192	19.0	14.1	21.1



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: 53.065 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062494.D

Acq: 10 Jul 2020 15:55

Instrument :

MSVOA_N

ClientSampleId :

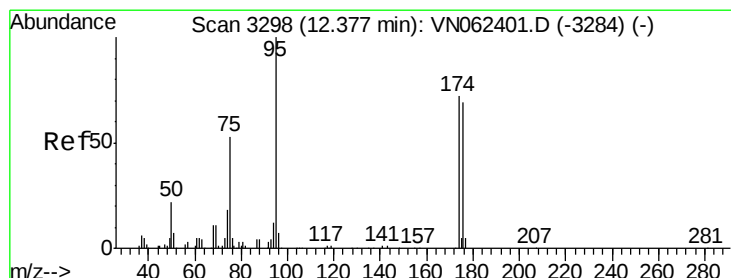
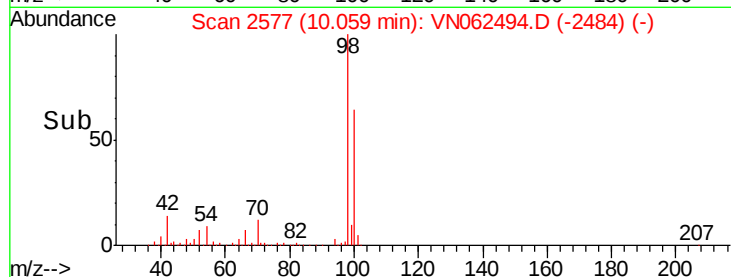
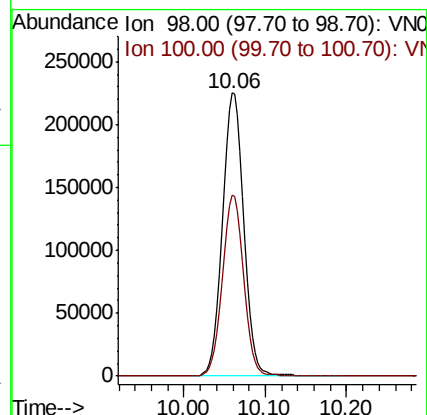
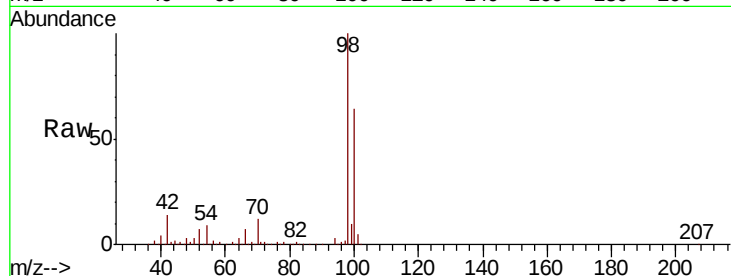
IBLK

Tot Ion: 98 Resp: 419380

Ion Ratio Lower Upper

98 100

100 63.7 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 51.392 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062494.D

Acq: 10 Jul 2020 15:55

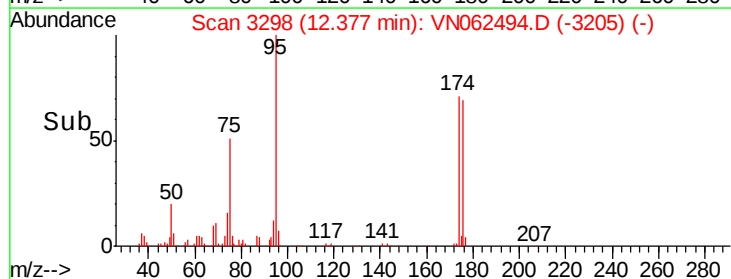
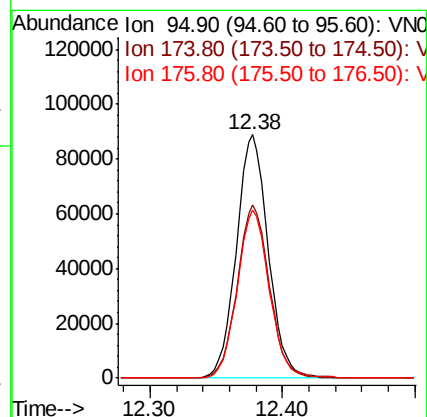
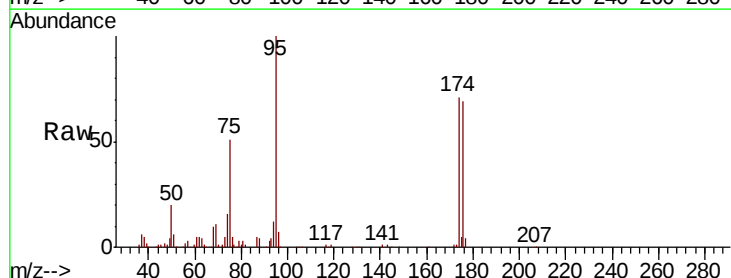
Tgt Ion: 95 Resp: 148425

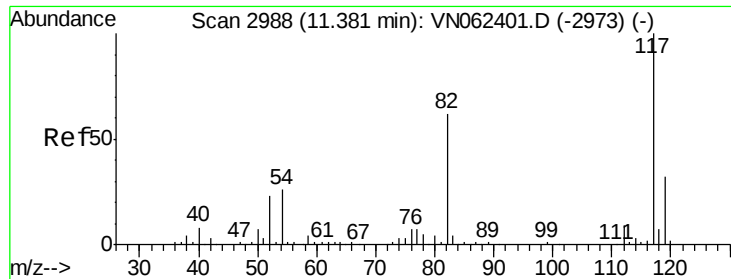
Ion Ratio Lower Upper

95 100

174 71.8 0.0 141.6

176 69.6 0.0 137.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062494.D

Acq: 10 Jul 2020 15:55

Instrument :

MSVOA_N

ClientSampled :

IBLK

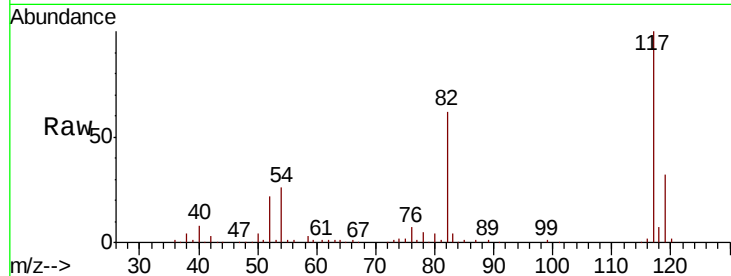
Tot Ion:117 Resp: 306237

Ion Ratio Lower Upper

117 100

82 62.5 49.6 74.4

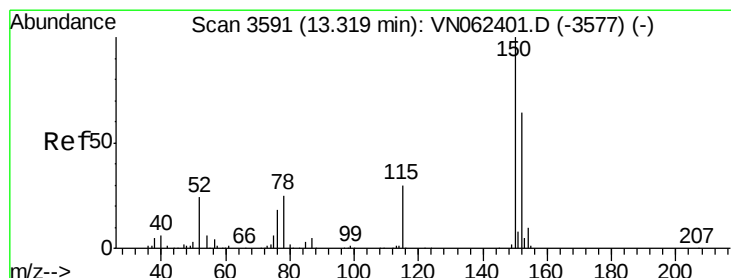
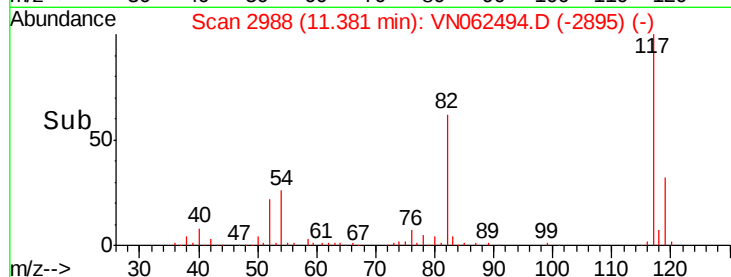
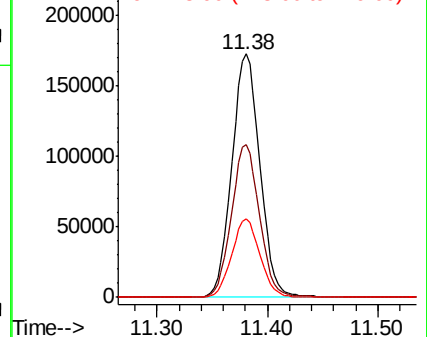
119 32.3 25.4 38.0



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062494.D

Acq: 10 Jul 2020 15:55

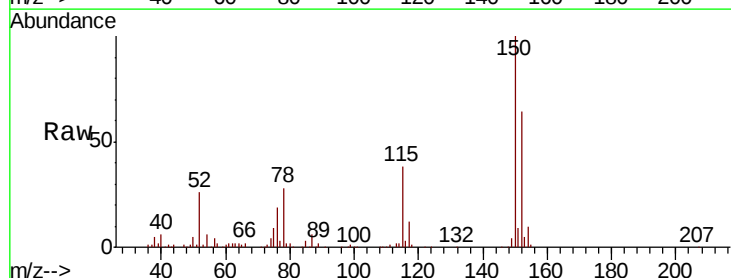
Tgt Ion:152 Resp: 115952

Ion Ratio Lower Upper

152 100

115 61.7 31.4 94.2

150 158.3 0.0 347.4



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

