

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070820\
 Data File : VN062417.D
 Acq On : 8 Jul 2020 19:27
 Operator : JC/MD
 Sample : L3215-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-17

Quant Time: Jul 09 02:55:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 02:12:34 2020
 Response via : Initial Calibration

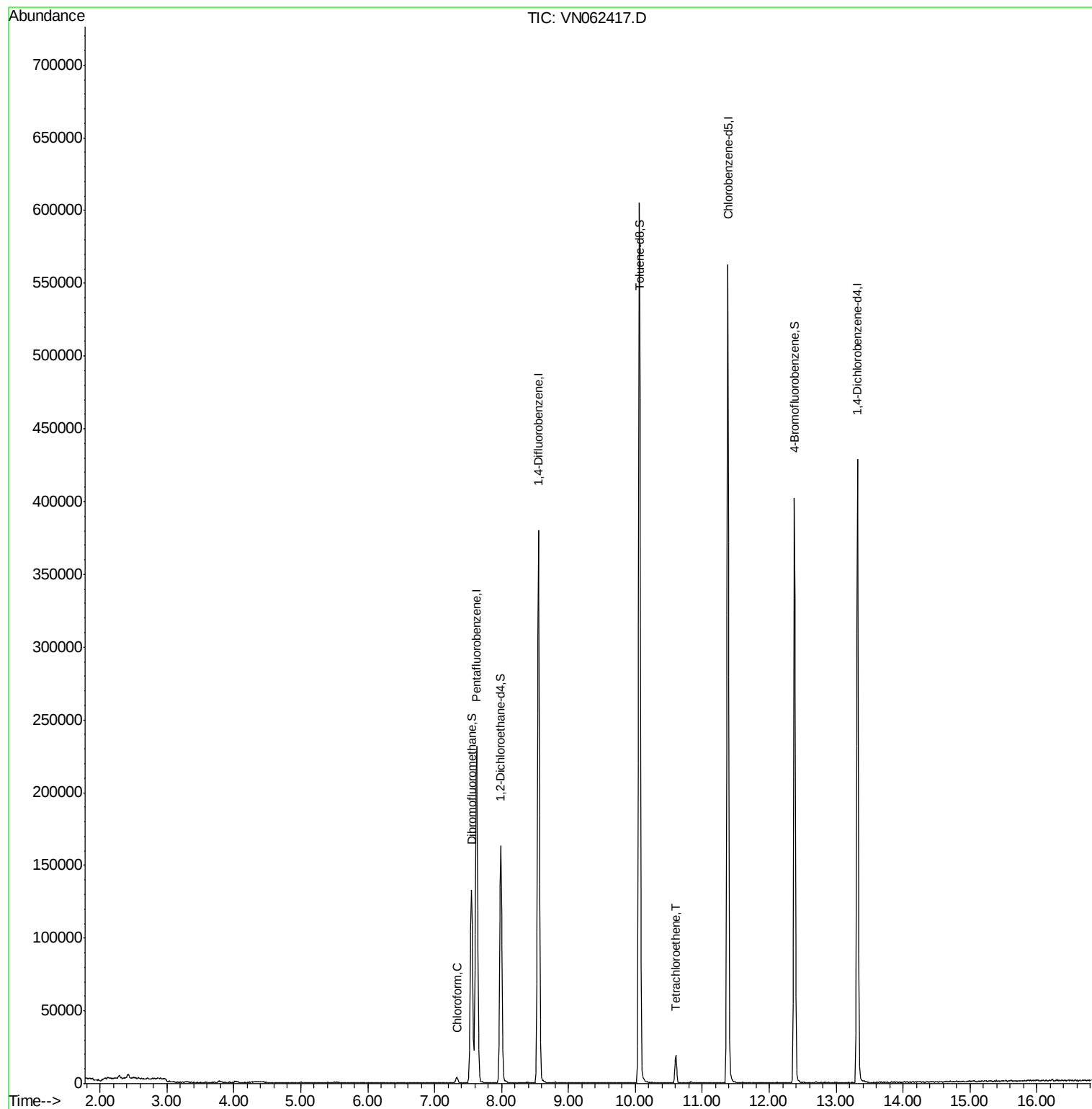
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	178657	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	316316	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	305015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	108926	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	140890	51.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.54%	
35) Dibromofluoromethane	7.55	113	104578	53.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.98%	
50) Toluene-d8	10.06	98	413997	53.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.28%	
62) 4-Bromofluorobenzene	12.38	95	146036	51.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.54%	
Target Compounds						
30) Chloroform	7.33	83	4440	1.117	ug/l	95
64) Tetrachloroethene	10.61	164	4577	2.529	ug/l	87

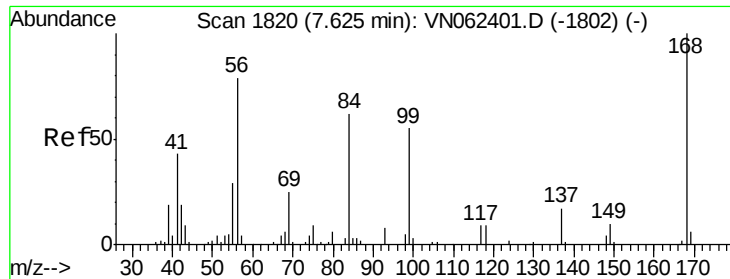
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN062417.D

Acq: 8 Jul 2020 19:27

Instrument :

MSVOA_N

ClientSampled :

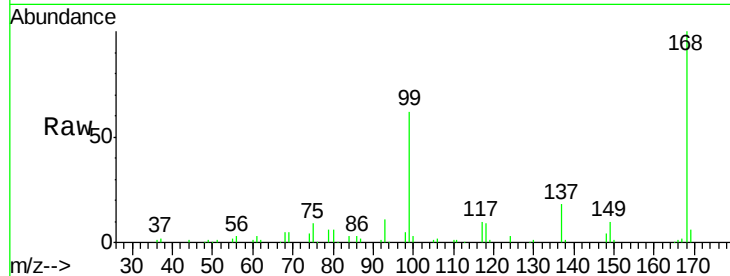
MW-17

Tot Ion:168 Resp: 178657

Ion Ratio Lower Upper

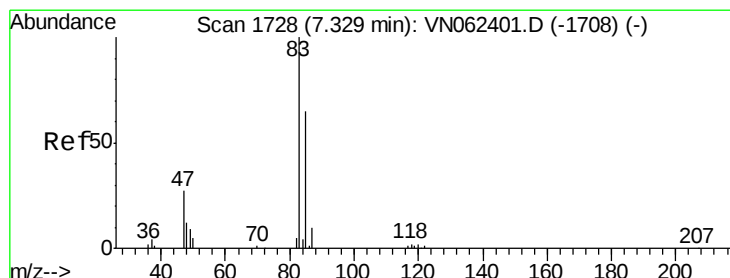
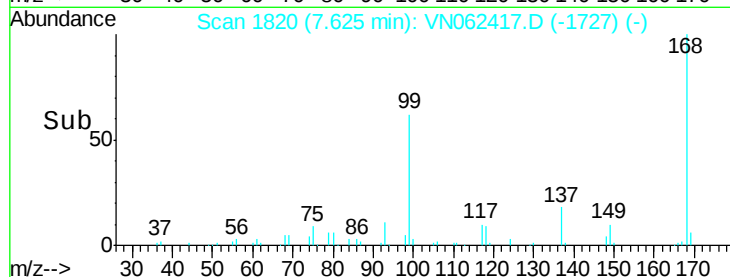
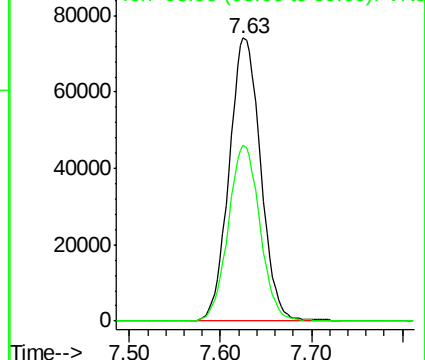
168 100

99 62.0 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#30

Chloroform

Concen: 1.117 ug/l

RT: 7.33 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VN062417.D

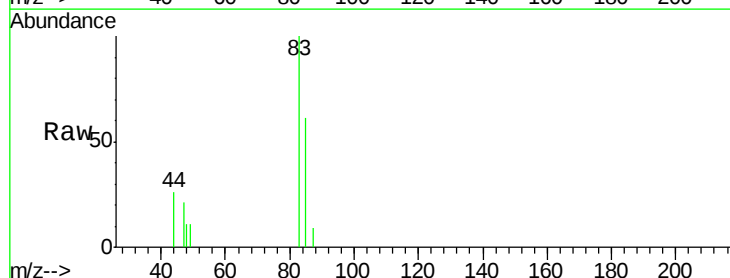
Acq: 8 Jul 2020 19:27

Tgt Ion: 83 Resp: 4440

Ion Ratio Lower Upper

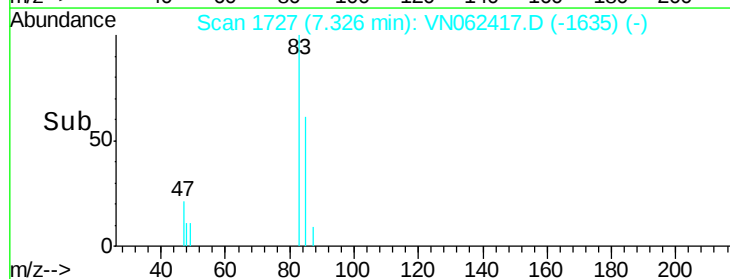
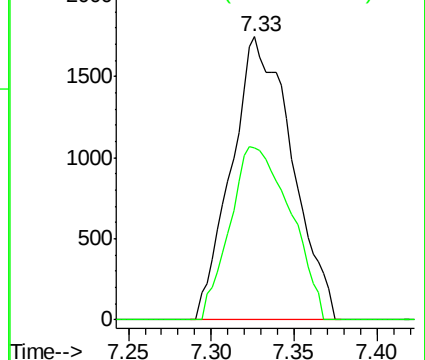
83 100

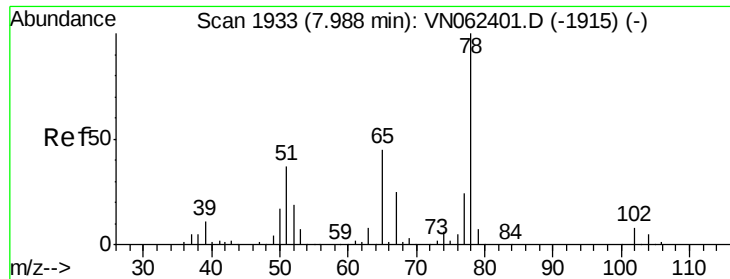
85 60.9 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VN

Ion 84.90 (84.60 to 85.60): VN





#33

1,2-Dichloroethane-d4

Concen: 51.271 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062417.D

Acq: 8 Jul 2020 19:27

Instrument :

MSVOA_N

ClientSampleId :

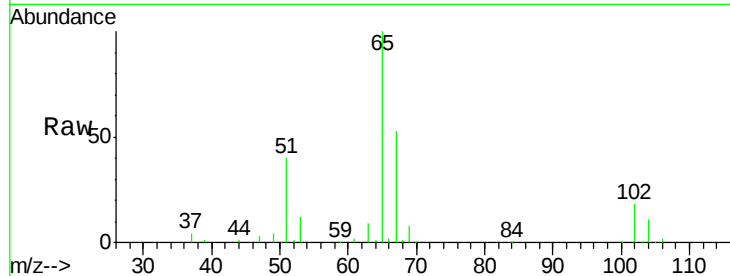
MW-17

Tot Ion: 65 Resp: 140890

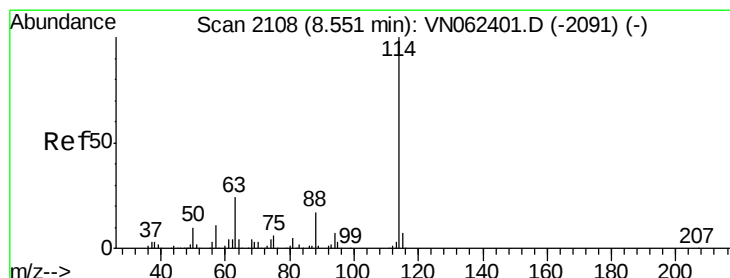
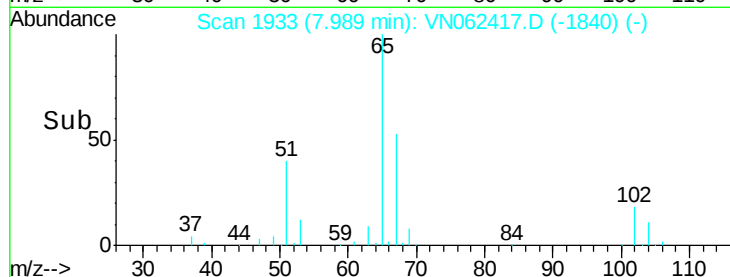
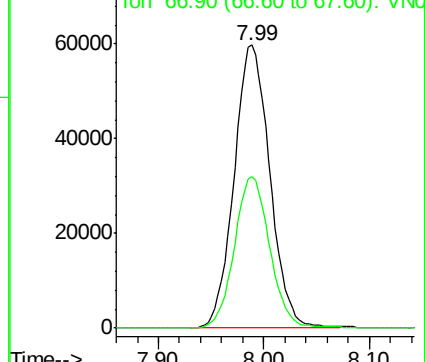
Ion Ratio Lower Upper

65 100

67 52.7 0.0 107.6



Abundance Ion 64.90 (64.60 to 65.60): VN062417.D (-1840) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN062417.D

Acq: 8 Jul 2020 19:27

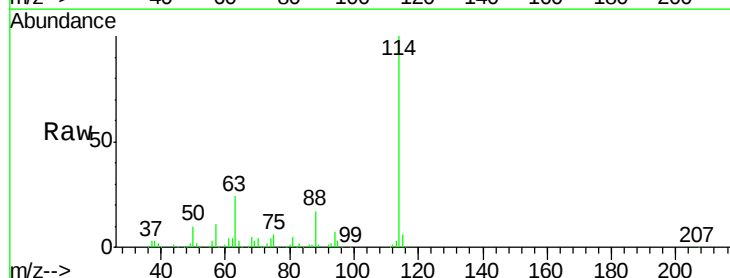
Tgt Ion: 114 Resp: 316316

Ion Ratio Lower Upper

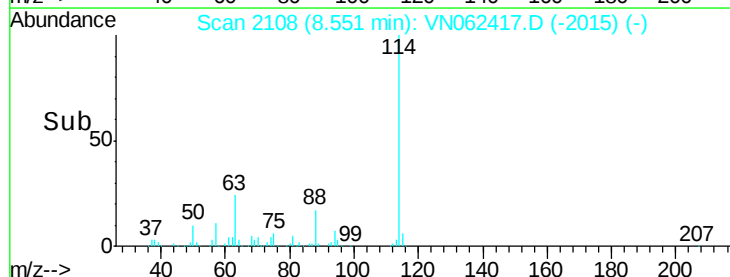
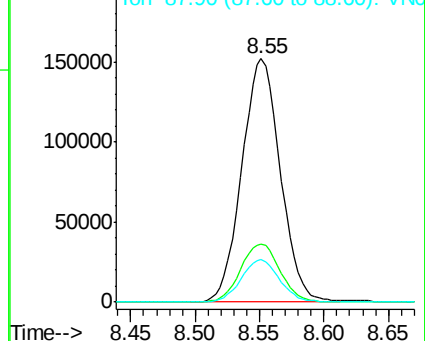
114 100

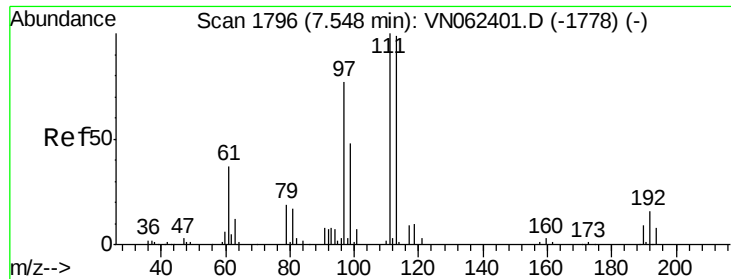
63 23.9 0.0 48.4

88 17.3 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): VN062417.D (-2015) (-)

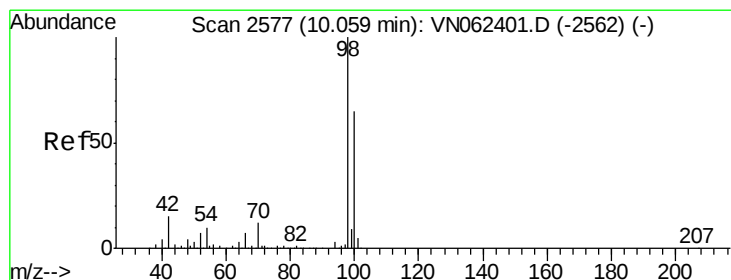
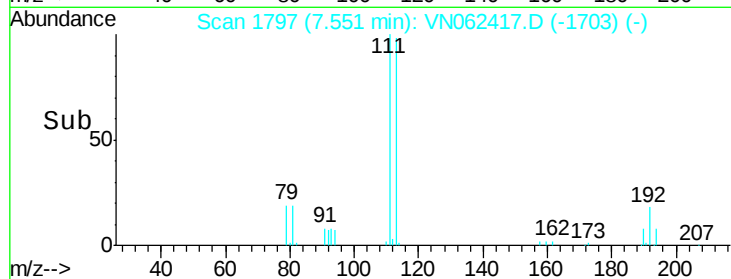
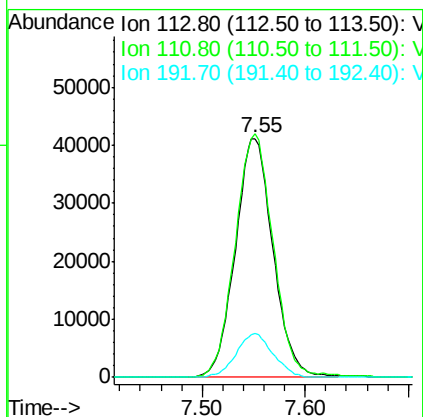
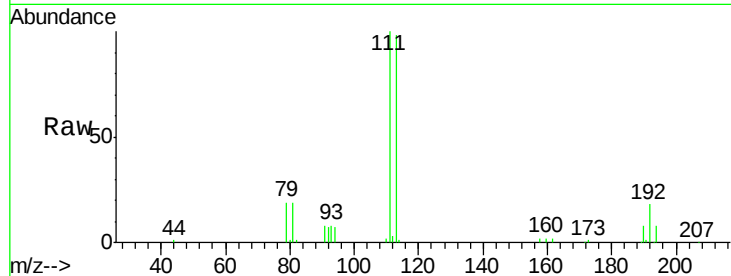




#35
Dibromofluoromethane
Concen: 53.485 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN062417.D
Acq: 8 Jul 2020 19:27

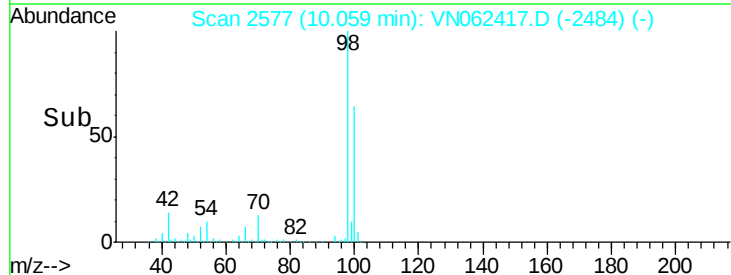
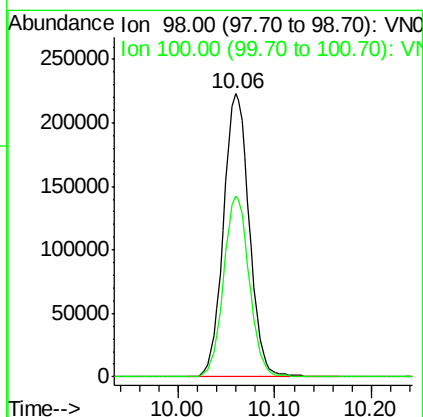
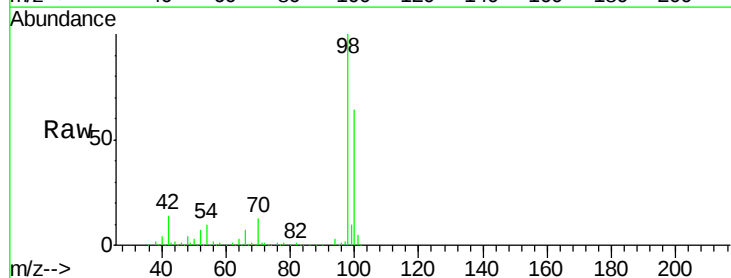
Instrument :
MSVOA_N
ClientSampled :
MW-17

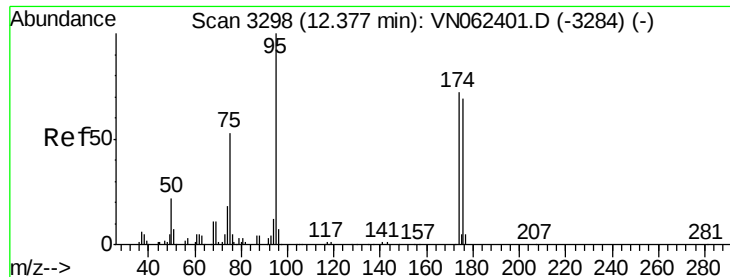
Tot Ion:113 Resp: 104578
Ion Ratio Lower Upper
113 100
111 103.4 83.1 124.7
192 17.9 14.1 21.1



#50
Toluene-d8
Concen: 53.635 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062417.D
Acq: 8 Jul 2020 19:27

Tgt Ion: 98 Resp: 413997
Ion Ratio Lower Upper
98 100
100 63.5 51.5 77.3





#62

4-Bromofluorobenzene

Concen: 51.773 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN062417.D

Acq: 8 Jul 2020 19:27

Instrument :

MSVOA_N

ClientSampled :

MW-17

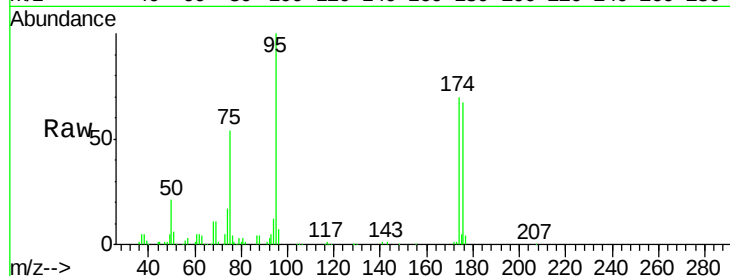
Tot Ion: 95 Resp: 146036

Ion Ratio Lower Upper

95 100

174 70.7 0.0 141.6

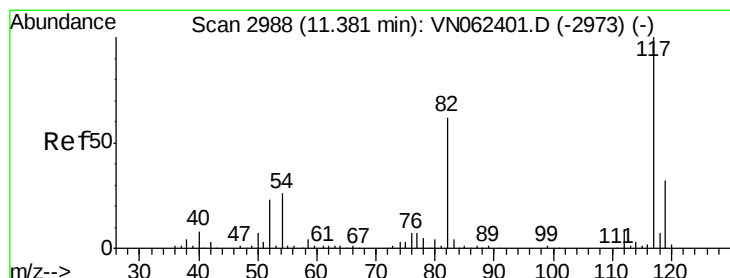
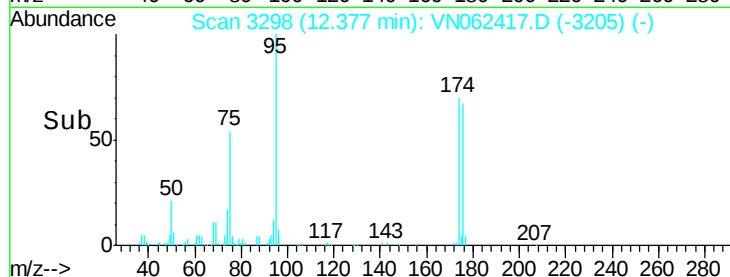
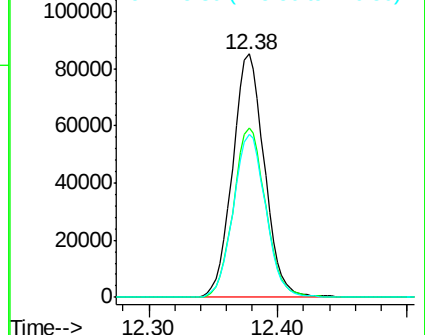
176 68.3 0.0 137.2



Abundance Ion 94.90 (94.60 to 95.60): VN062417.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN062417.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN062417.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062417.D

Acq: 8 Jul 2020 19:27

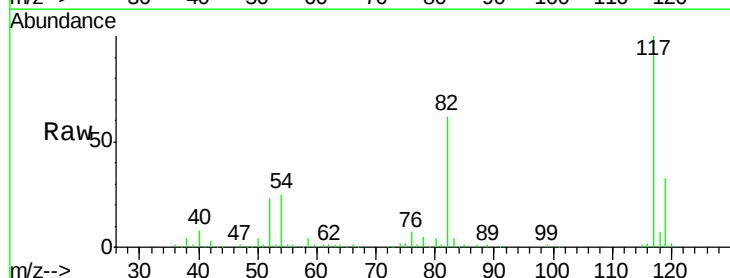
Tgt Ion: 117 Resp: 305015

Ion Ratio Lower Upper

117 100

82 62.1 49.6 74.4

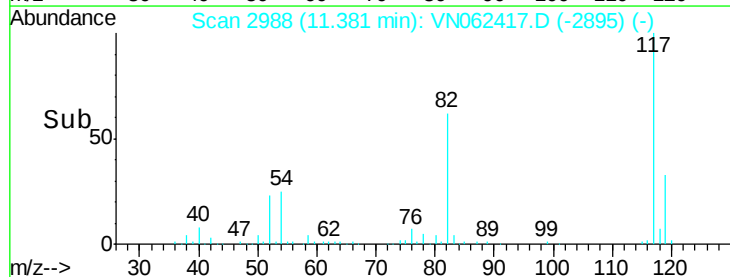
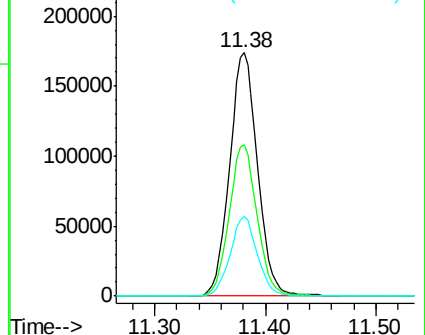
119 32.8 25.4 38.0

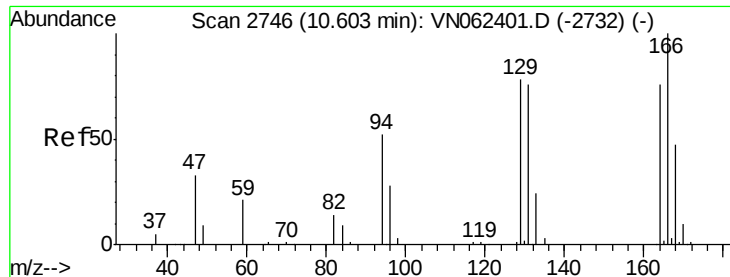


Abundance Ion 116.90 (116.60 to 117.60): VN062417.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN062417.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN062417.D (-2895) (-)





#64

Tetrachloroethene

Concen: 2.529 ug/l

RT: 10.61 min Scan# 2748

Delta R.T. 0.01 min

Lab File: VN062417.D

Acq: 8 Jul 2020 19:27

Instrument :

MSVOA_N

ClientSampled :

MW-17

Tot Ion:164 Resp: 4577

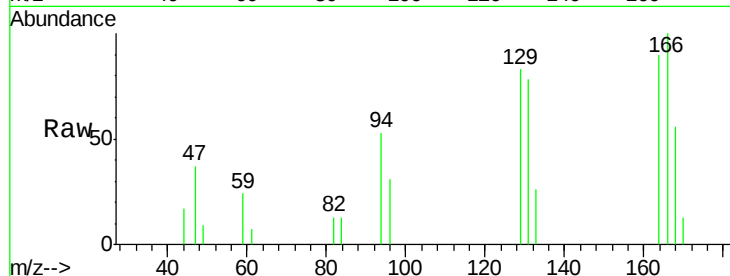
Ion Ratio Lower Upper

164 100

166 111.4 104.9 157.3

129 92.2 81.8 122.6

131 86.9 79.3 118.9

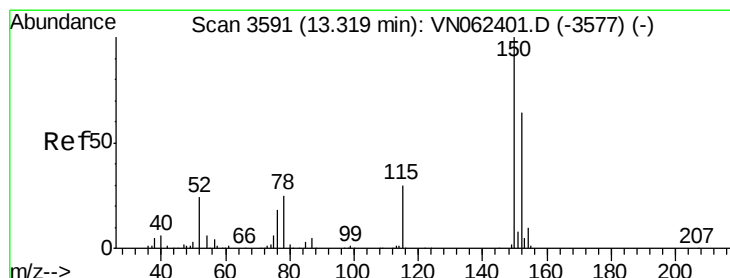
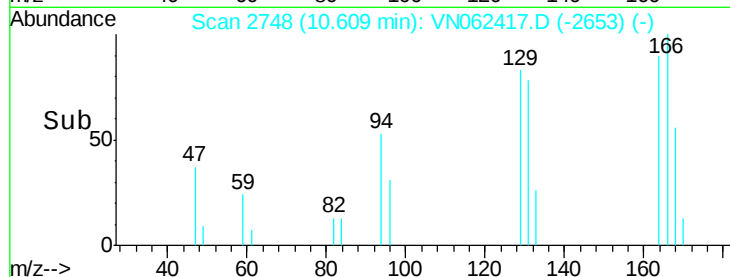
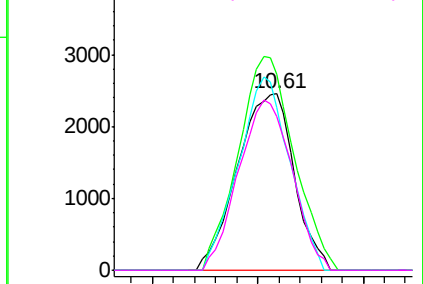


Abundance Ion 163.80 (163.50 to 164.50): V

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# 3591

Delta R.T. 0.00 min

Lab File: VN062417.D

Acq: 8 Jul 2020 19:27

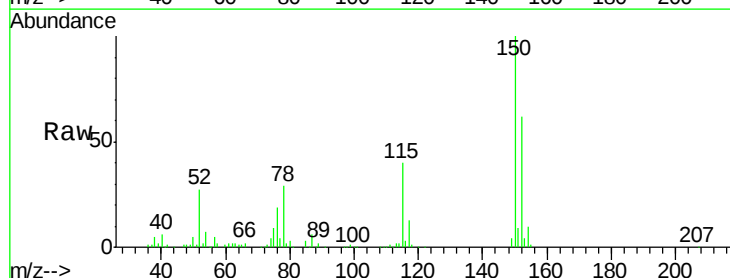
Tgt Ion:152 Resp: 108926

Ion Ratio Lower Upper

152 100

115 62.6 31.4 94.2

150 159.7 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

