

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081020\
 Data File : VN062810.D
 Acq On : 10 Aug 2020 15:45
 Operator : JC/MD
 Sample : L3618-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB179-DUP-20200805

Quant Time: Aug 11 07:29:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

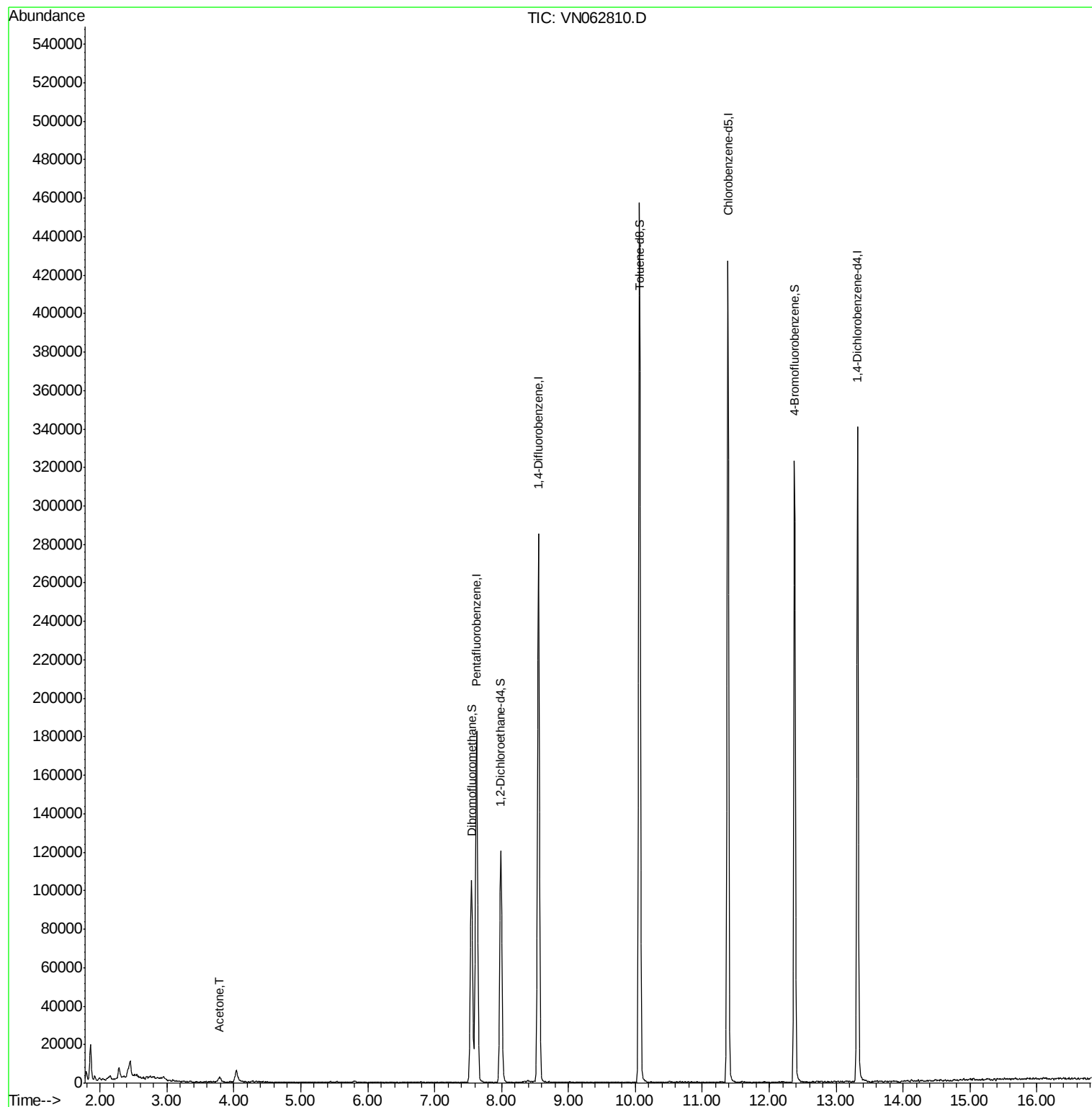
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	139472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	243648	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	243960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	88141	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	113089	49.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.06%	
35) Dibromofluoromethane	7.55	113	81362	48.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.64%	
50) Toluene-d8	10.06	98	315234	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
62) 4-Bromofluorobenzene	12.38	95	116600	47.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.84%	
Target Compounds						
16) Acetone	3.79	43	4551	5.461	ug/l	Qvalue 92

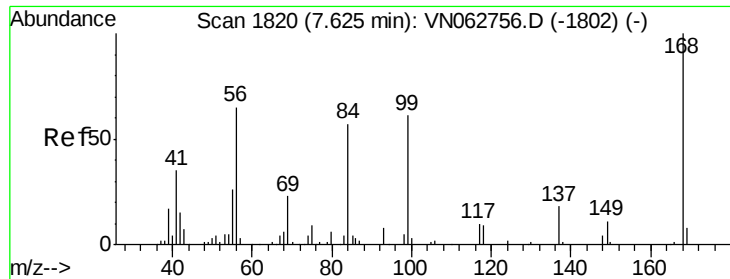
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

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Acq: 10 Aug 2020 15:45

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ClientSampleId :

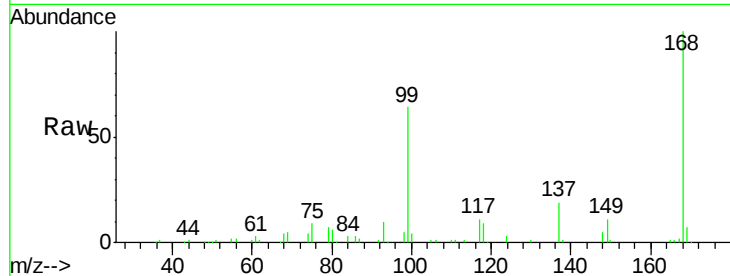
BP-VPB179-DUP-20200805

Tot Ion:168 Resp: 139472

Ion Ratio Lower Upper

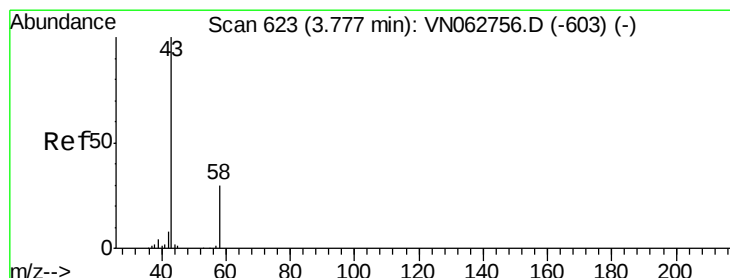
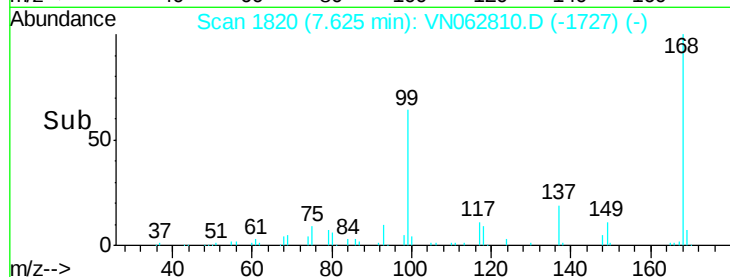
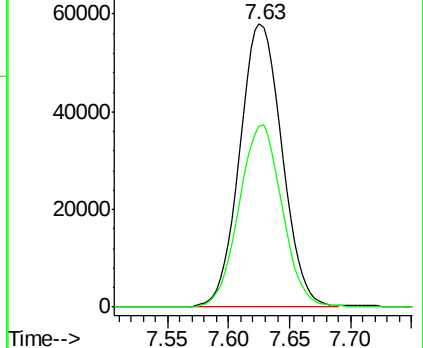
168 100

99 64.0 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#16

Acetone

Concen: 5.461 ug/l

RT: 3.79 min Scan# 626

Delta R.T. 0.01 min

Lab File: VN062810.D

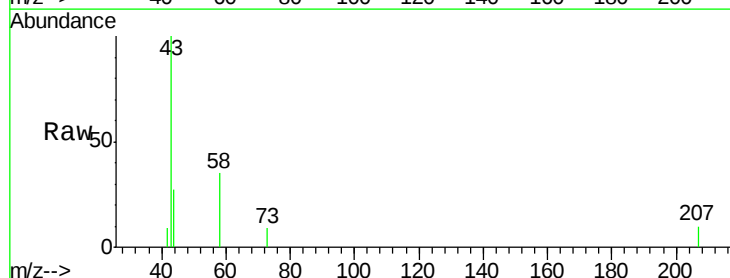
Acq: 10 Aug 2020 15:45

Tgt Ion: 43 Resp: 4551

Ion Ratio Lower Upper

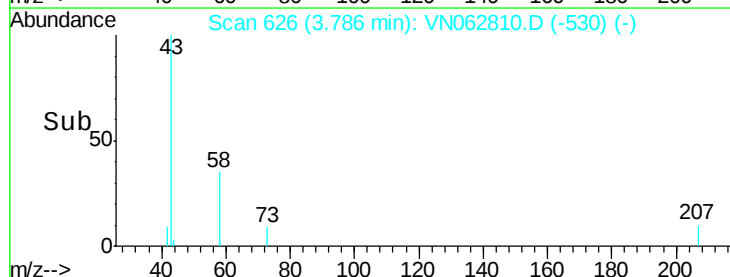
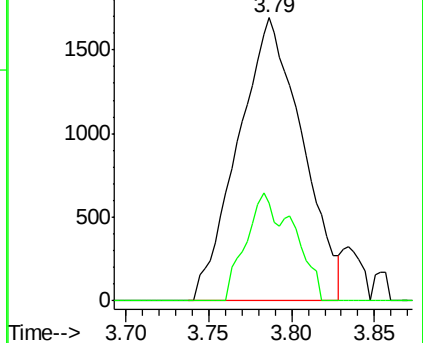
43 100

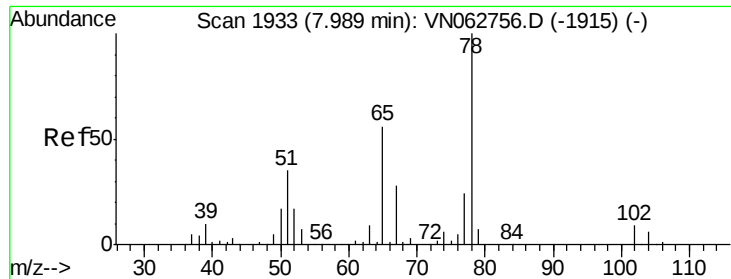
58 34.6 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#33

1,2-Dichloroethane-d4

Concen: 49.032 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062810.D

Acq: 10 Aug 2020 15:45

Instrument :

MSVOA_N

ClientSampleId :

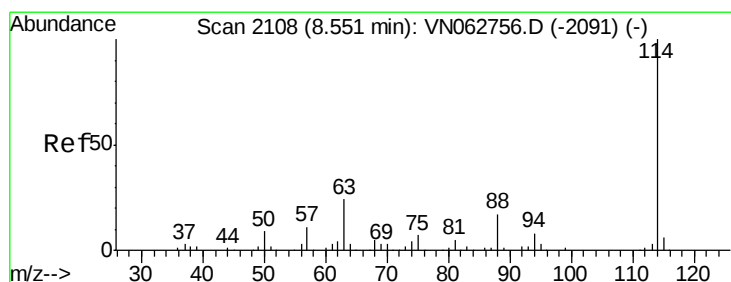
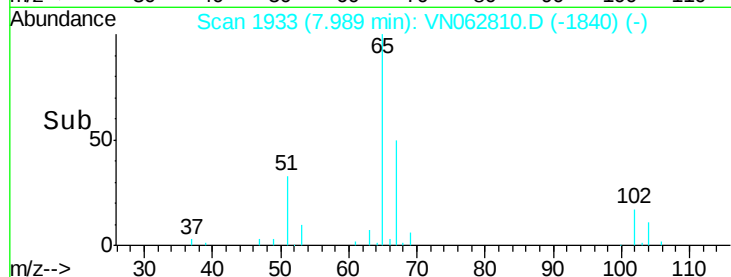
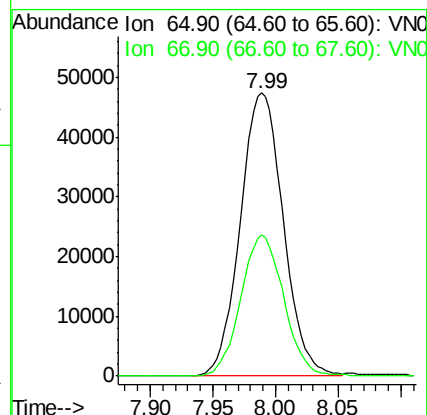
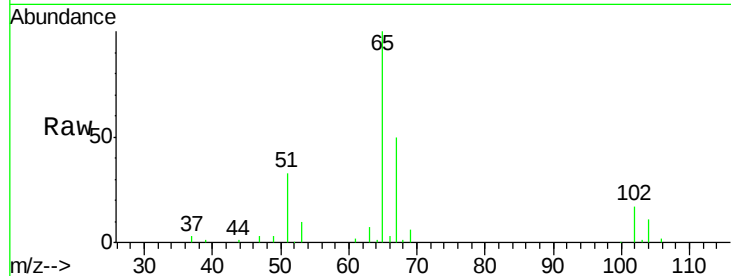
BP-VPB179-DUP-20200805

Tot Ion: 65 Resp: 113089

Ion Ratio Lower Upper

65 100

67 49.6 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. -0.00 min

Lab File: VN062810.D

Acq: 10 Aug 2020 15:45

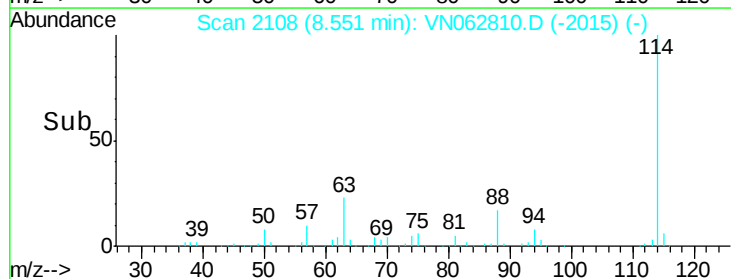
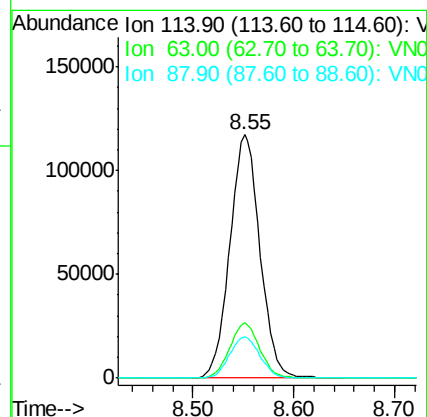
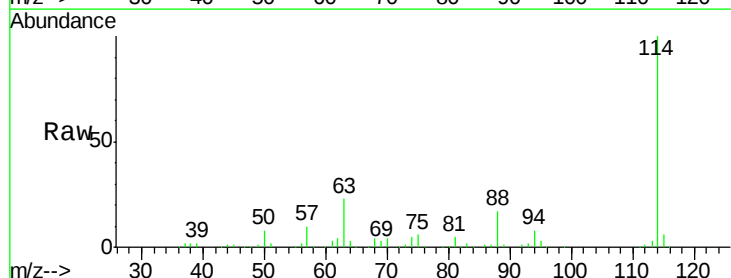
Tgt Ion: 114 Resp: 243648

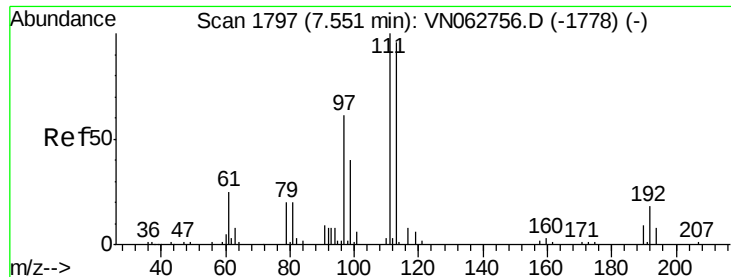
Ion Ratio Lower Upper

114 100

63 22.6 0.0 47.6

88 17.1 0.0 34.4

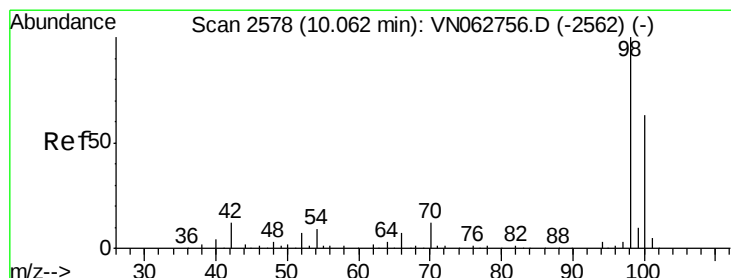
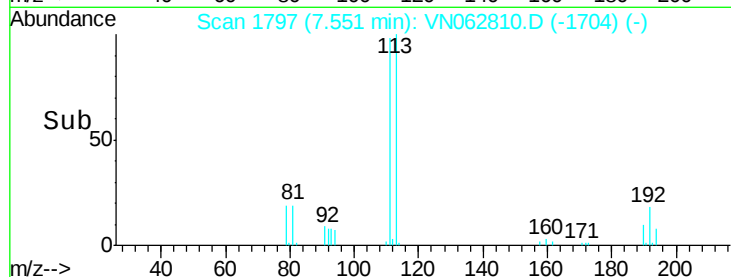
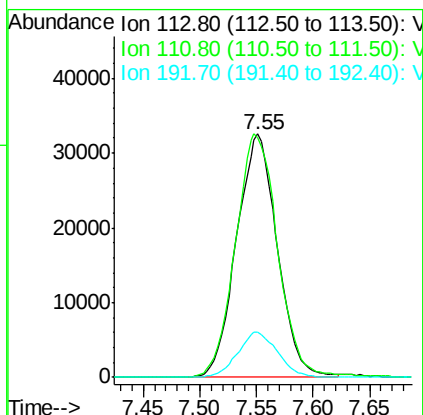
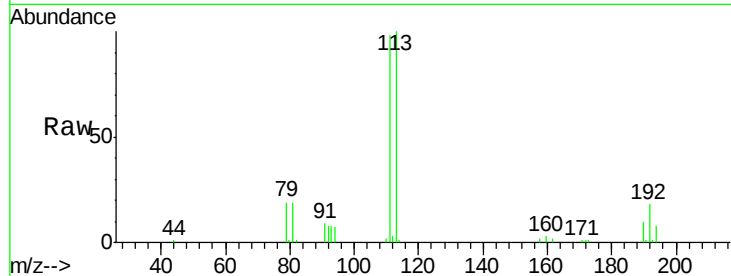




#35
Dibromofluoromethane
Concen: 48.817 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. -0.00 min
Lab File: VN062810.D
Acq: 10 Aug 2020 15:45

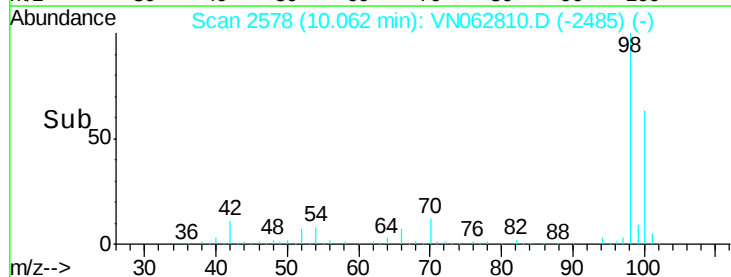
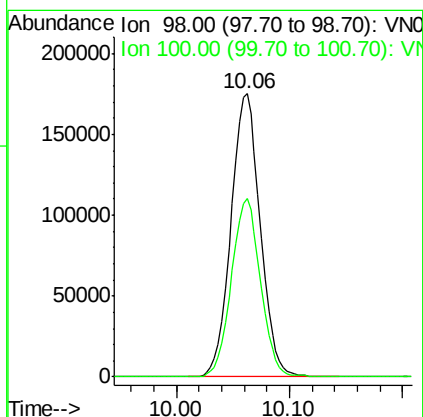
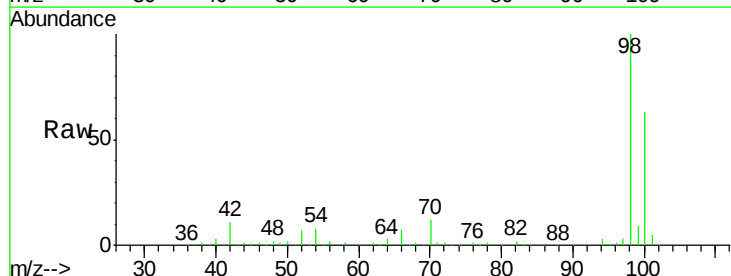
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB179-DUP-20200805

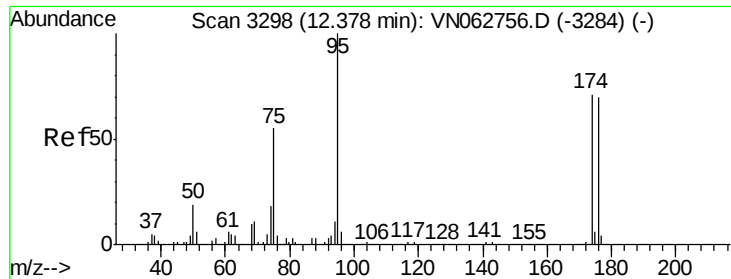
Tot Ion:113 Resp: 81362
Ion Ratio Lower Upper
113 100
111 104.0 81.8 122.6
192 18.2 15.0 22.4



#50
Toluene-d8
Concen: 48.446 ug/l
RT: 10.06 min Scan# 2578
Delta R.T. -0.00 min
Lab File: VN062810.D
Acq: 10 Aug 2020 15:45

Tgt Ion: 98 Resp: 315234
Ion Ratio Lower Upper
98 100
100 62.6 50.9 76.3





#62

4-Bromofluorobenzene

Concen: 47.419 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062810.D

Acq: 10 Aug 2020 15:45

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB179-DUP-20200805

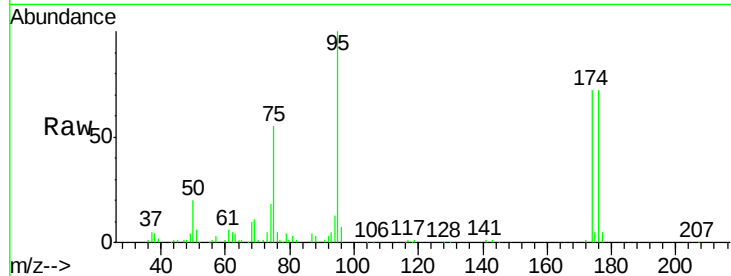
Tot Ion: 95 Resp: 116600

Ion Ratio Lower Upper

95 100

174 73.0 0.0 144.8

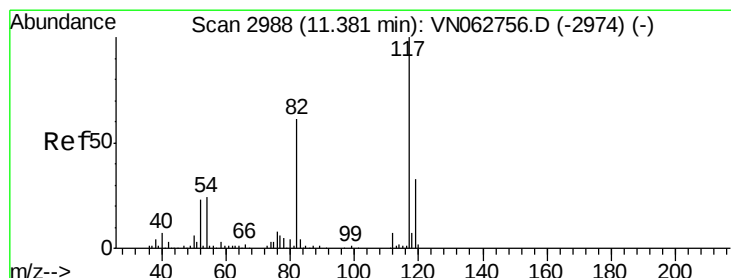
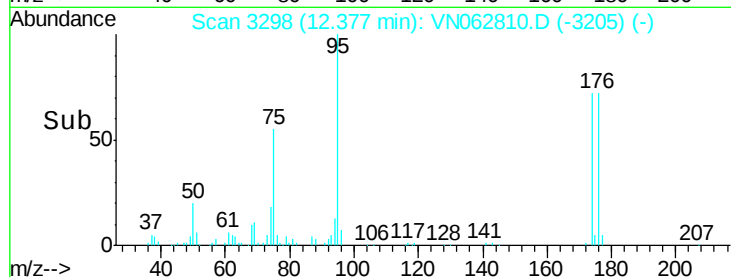
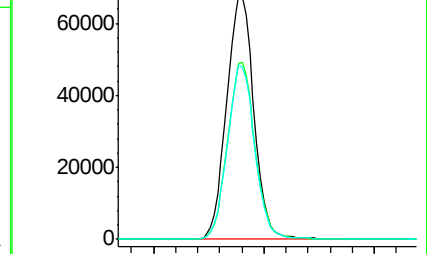
176 71.1 0.0 142.2



Abundance Ion 94.90 (94.60 to 95.60): VN062810.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN062810.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN062810.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062810.D

Acq: 10 Aug 2020 15:45

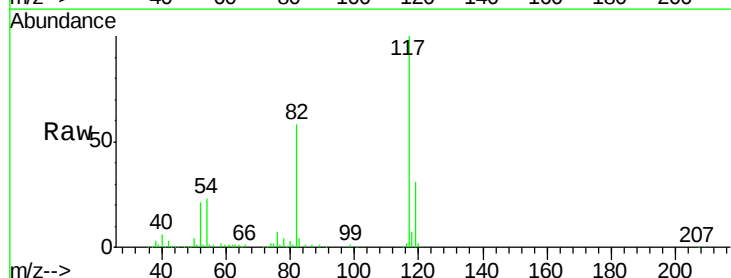
Tgt Ion: 117 Resp: 243960

Ion Ratio Lower Upper

117 100

82 58.3 49.0 73.4

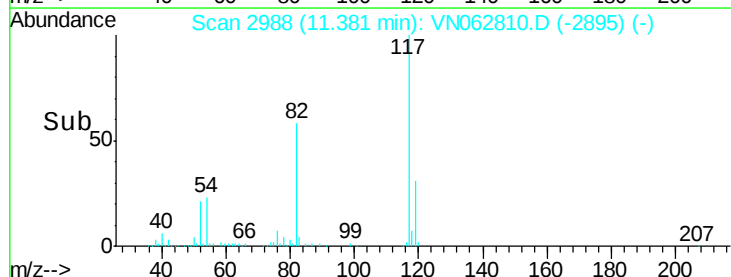
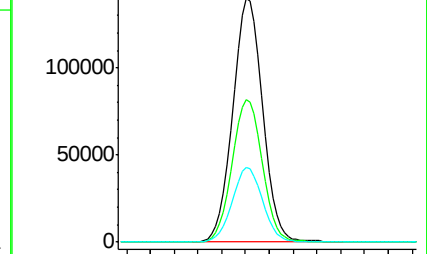
119 30.7 26.2 39.2

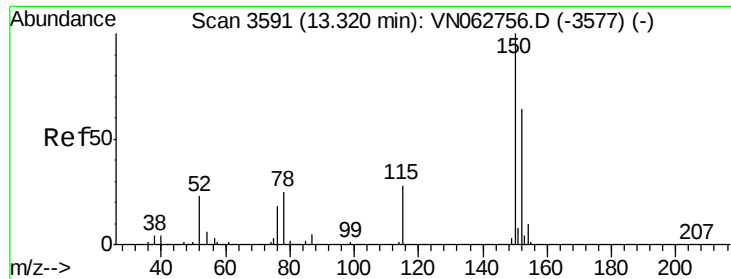


Abundance Ion 116.90 (116.60 to 117.60): VN062810.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN062810.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN062810.D (-2895) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062810.D

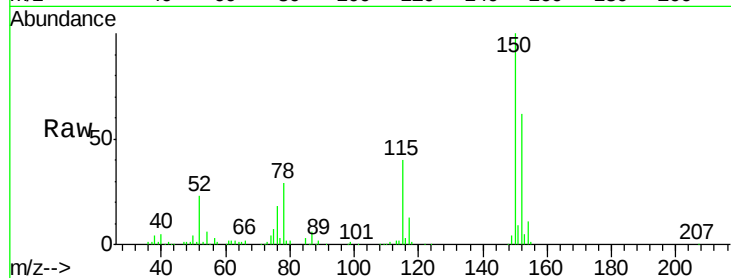
Acq: 10 Aug 2020 15:45

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB179-DUP-20200805



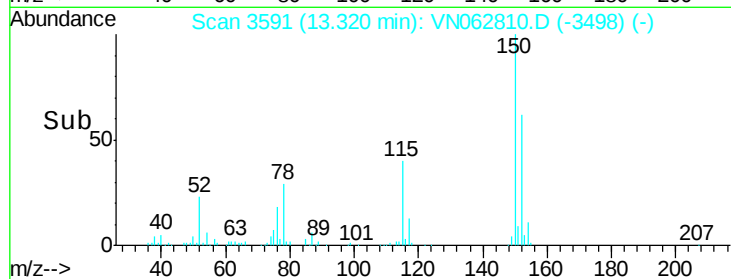
Tot Ion:152 Resp: 88141

Ion Ratio Lower Upper

152 100

115 62.9 31.6 94.8

150 161.2 0.0 349.2



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

