

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070220\
 Data File : VN062338.D
 Acq On : 2 Jul 2020 17:17
 Operator : JC/MD
 Sample : VN0702WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0702WBL01

Quant Time: Jul 03 02:20:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 15:33:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	126813	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	252040	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	236738	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	82562	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	104161	58.53	ug/l	0.00
Spiked Amount						
			Recovery	=	117.06%	
35) Dibromofluoromethane	7.55	113	82110	50.78	ug/l	0.00
Spiked Amount						
			Recovery	=	101.56%	
50) Toluene-d8	10.06	98	322896	49.96	ug/l	0.00
Spiked Amount						
			Recovery	=	99.92%	
62) 4-Bromofluorobenzene	12.38	95	99639	45.63	ug/l	0.00
Spiked Amount						
			Recovery	=	91.26%	

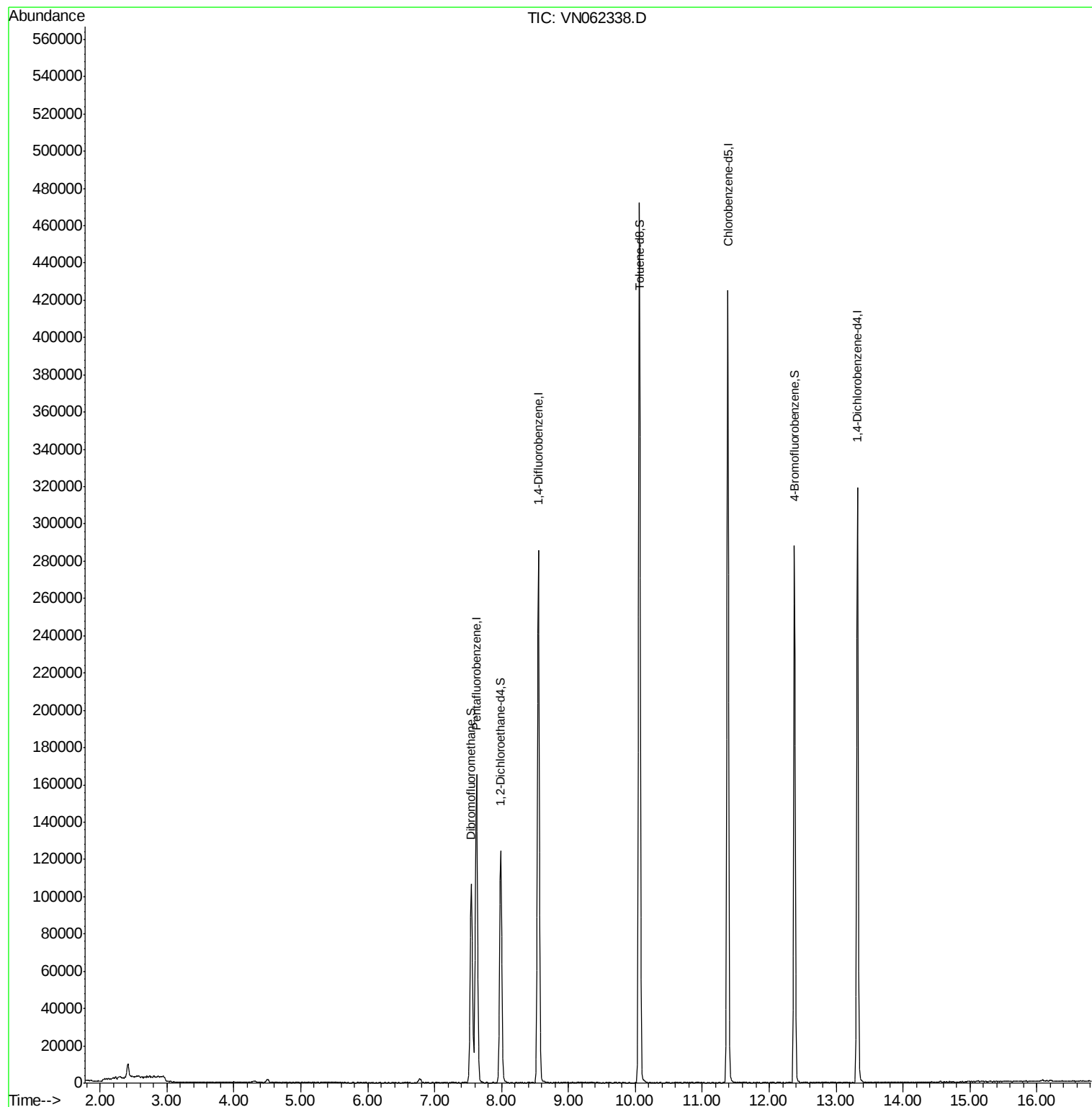
Target Compounds	Qvalue
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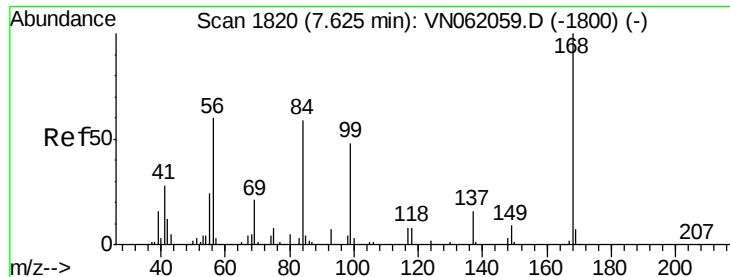
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VN062338.D

Acq: 2 Jul 2020 17:17

Instrument :

MSVOA_N

ClientSampled :

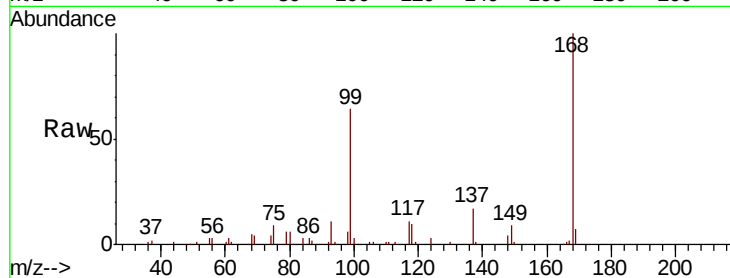
VN0702WBL01

Tot Ion:168 Resp: 126813

Ion Ratio Lower Upper

168 100

99 63.6 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

60000

50000

40000

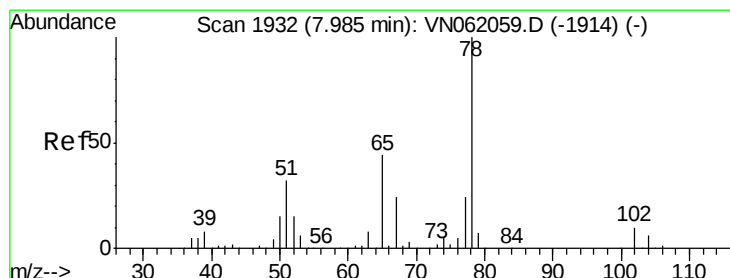
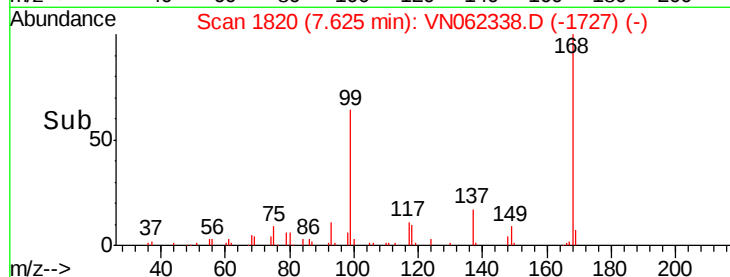
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 58.530 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN062338.D

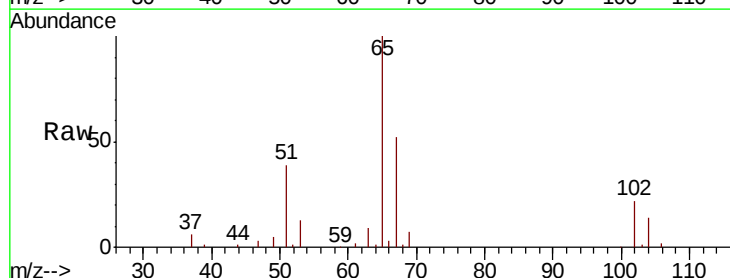
Acq: 2 Jul 2020 17:17

Tgt Ion: 65 Resp: 104161

Ion Ratio Lower Upper

65 100

67 52.2 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

7.99

50000

40000

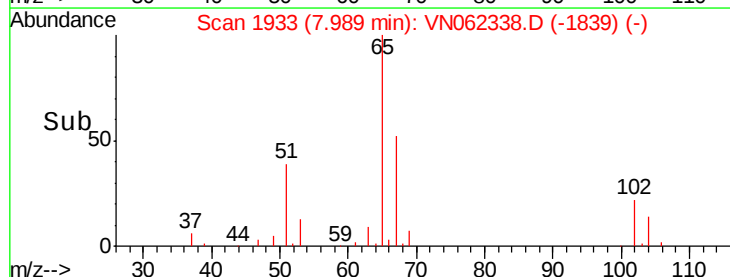
30000

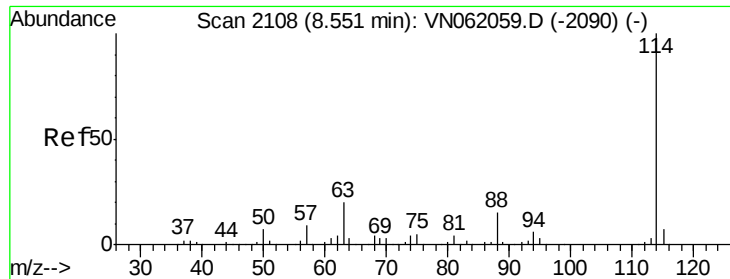
20000

10000

0

Time--> 7.90 8.00 8.10

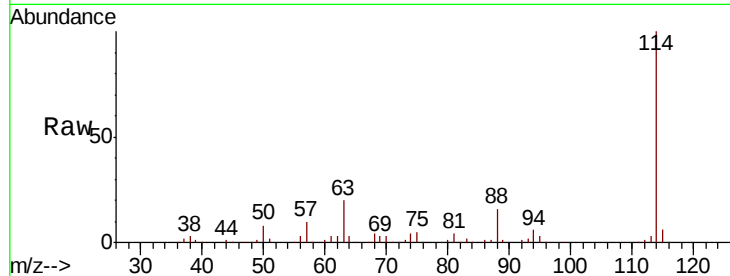




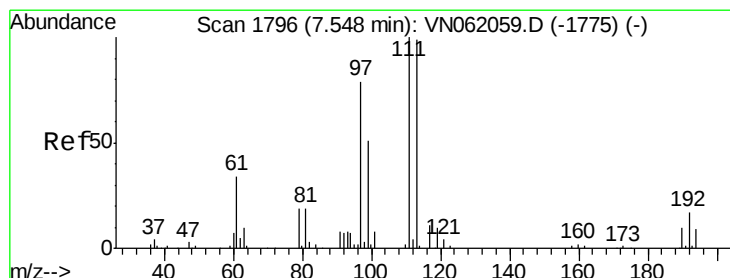
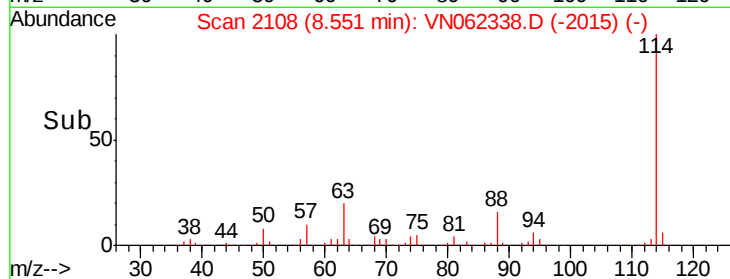
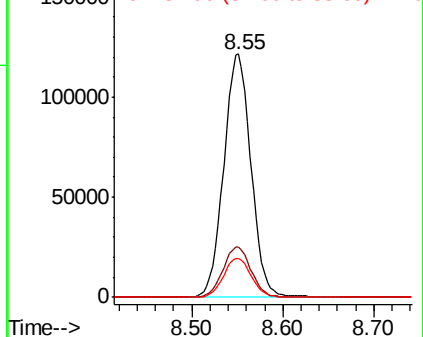
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062338.D
 Acq: 2 Jul 2020 17:17

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0702WBL01

Tot Ion:114 Resp: 252040
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.2
 88 16.0 0.0 30.8

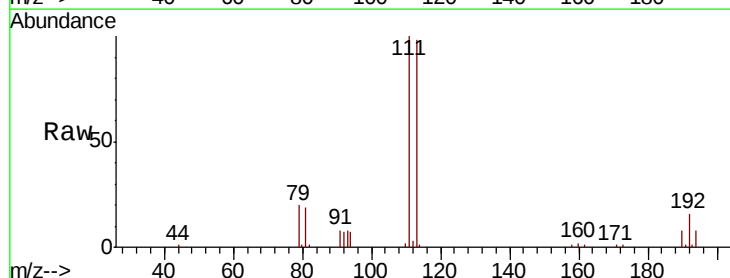


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

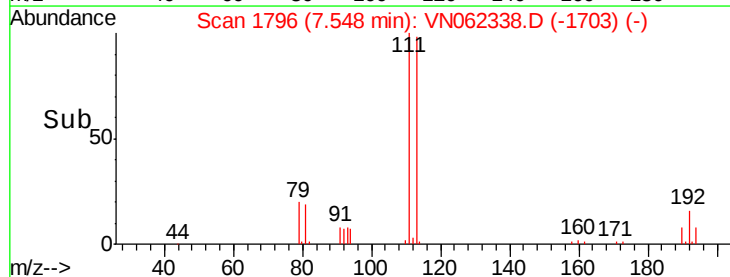
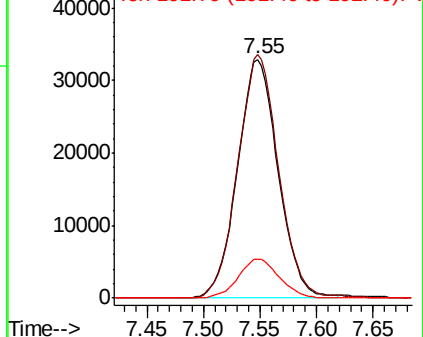


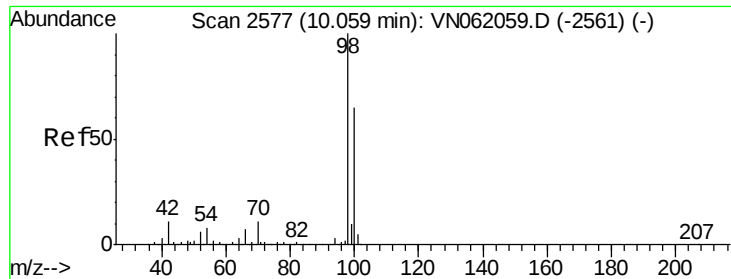
#35
 Dibromofluoromethane
 Concen: 50.781 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062338.D
 Acq: 2 Jul 2020 17:17

Tgt Ion:113 Resp: 82110
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.2 123.4
 192 16.4 14.0 21.0



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: 49.957 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN062338.D

Acq: 2 Jul 2020 17:17

Instrument :

MSVOA_N

ClientSampleId :

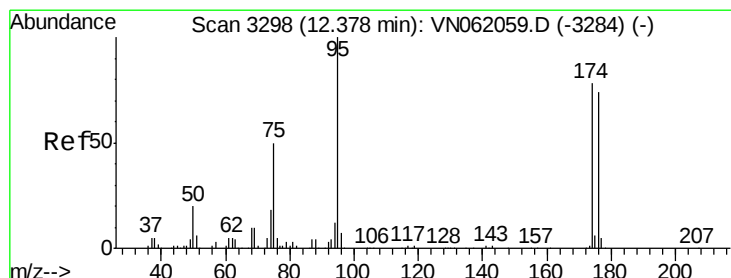
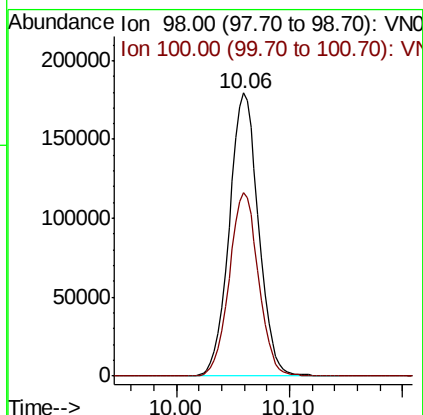
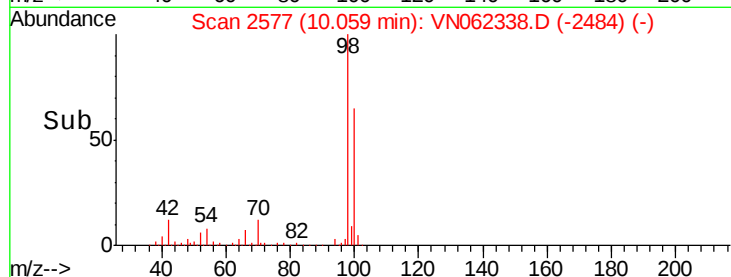
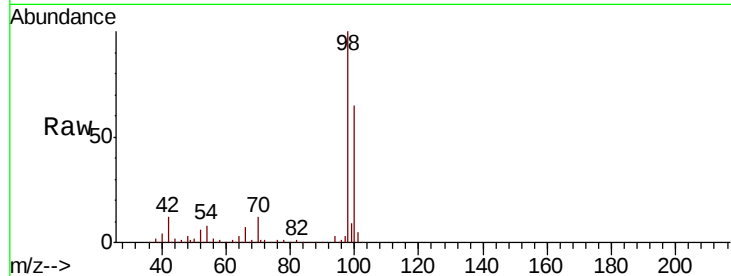
VN0702WBL01

Tot Ion: 98 Resp: 322896

Ion Ratio Lower Upper

98 100

100 64.8 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 45.627 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN062338.D

Acq: 2 Jul 2020 17:17

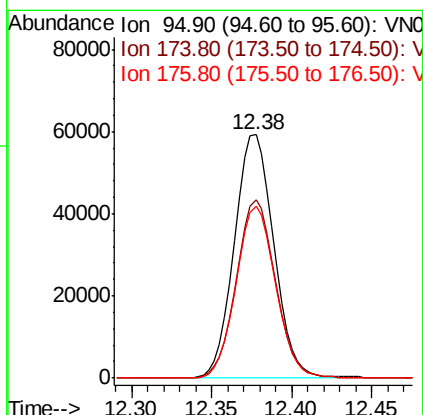
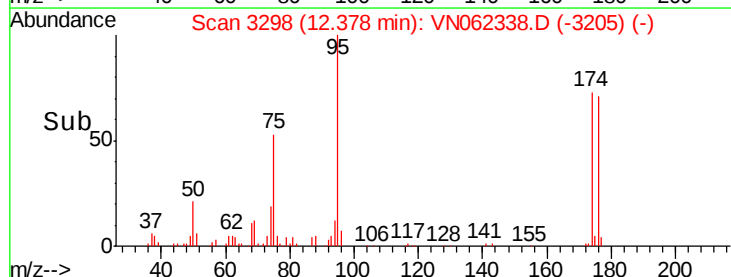
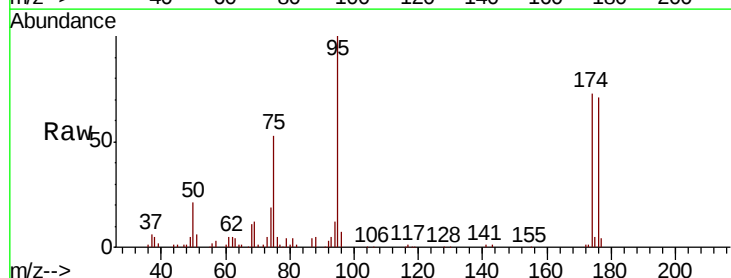
Tgt Ion: 95 Resp: 99639

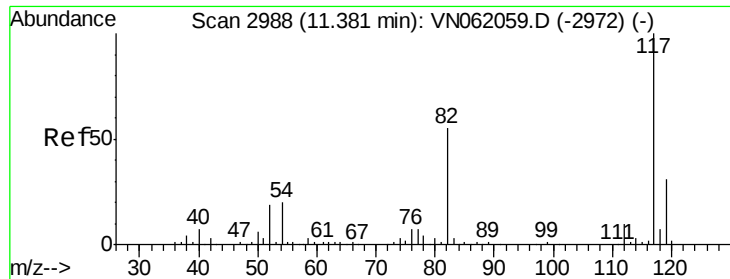
Ion Ratio Lower Upper

95 100

174 72.7 0.0 154.8

176 70.7 0.0 147.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062338.D

Acq: 2 Jul 2020 17:17

Instrument :

MSVOA_N

ClientSampleId :

VN0702WBL01

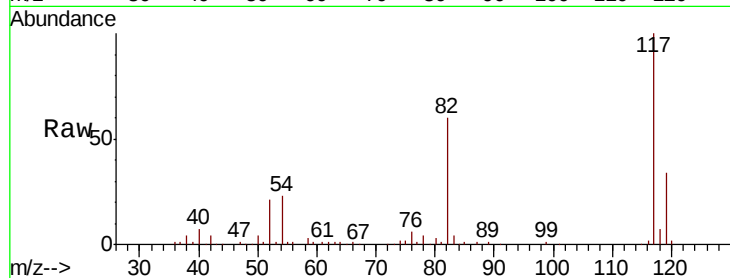
Tot Ion:117 Resp: 236738

Ion Ratio Lower Upper

117 100

82 59.9 43.8 65.8

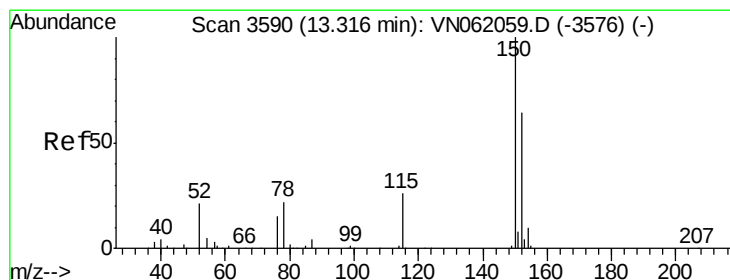
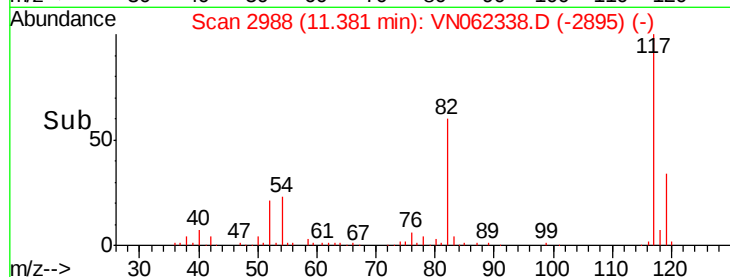
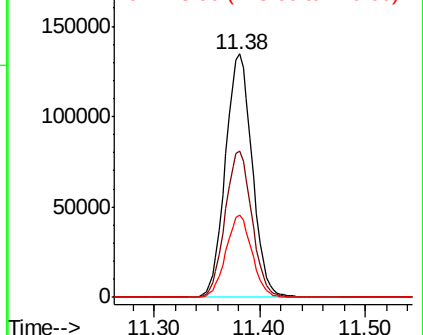
119 33.6 25.2 37.8



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: VN062338.D

Acq: 2 Jul 2020 17:17

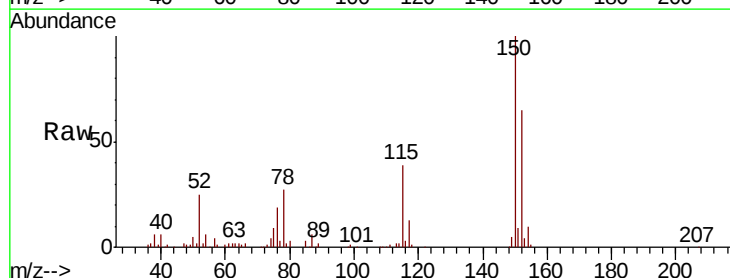
Tgt Ion:152 Resp: 82562

Ion Ratio Lower Upper

152 100

115 60.9 29.5 88.5

150 156.8 0.0 351.4



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

