

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
 Data File : VN064737.D
 Acq On : 19 Nov 2020 16:50
 Operator : JC/MD
 Sample : L4783-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Quant Time: Nov 20 04:58:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N111820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 18 15:29:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	208554	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	420486	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	449858	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	185749	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	208407	56.81	ug/l	0.00
Spiked Amount			Recovery	=	113.62%	
35) Dibromofluoromethane	7.55	113	134987	56.40	ug/l	0.00
Spiked Amount			Recovery	=	112.80%	
50) Toluene-d8	10.06	98	552783	50.82	ug/l	0.00
Spiked Amount			Recovery	=	101.64%	
62) 4-Bromofluorobenzene	12.38	95	217532	53.50	ug/l	0.00
Spiked Amount			Recovery	=	107.00%	

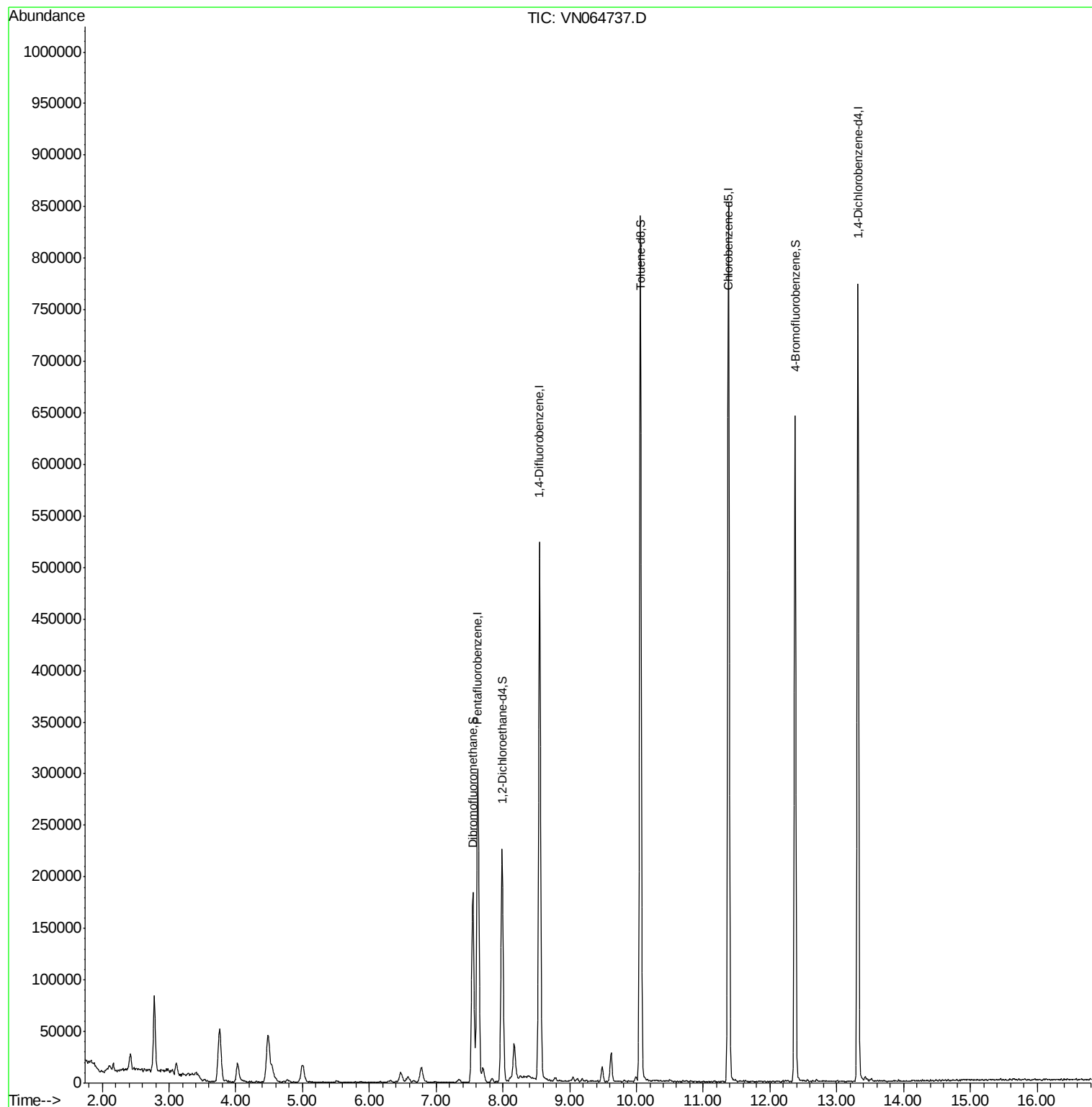
Target Compounds	Qvalue
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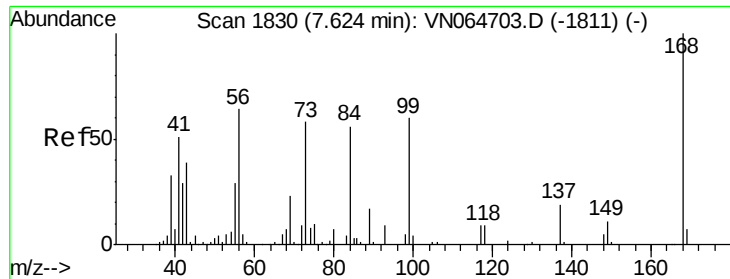
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 18 15:29:54 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN064737.D

Acq: 19 Nov 2020 16:50

Instrument :

MSVOA_N

ClientSampled :

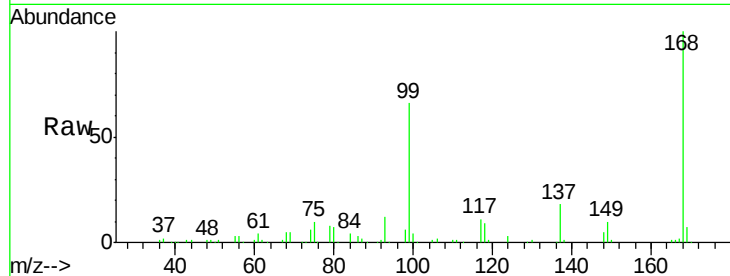
MW-2

Tot Ion:168 Resp: 208554

Ion Ratio Lower Upper

168 100

99 66.2 55.7 83.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.62

100000

80000

60000

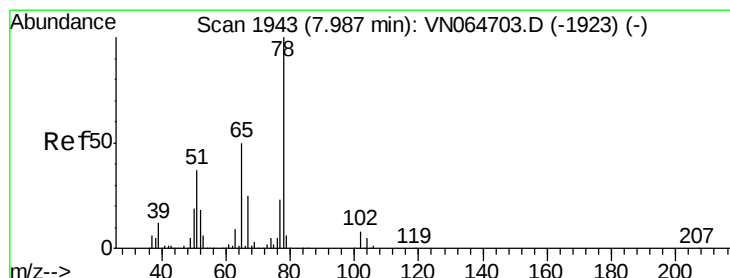
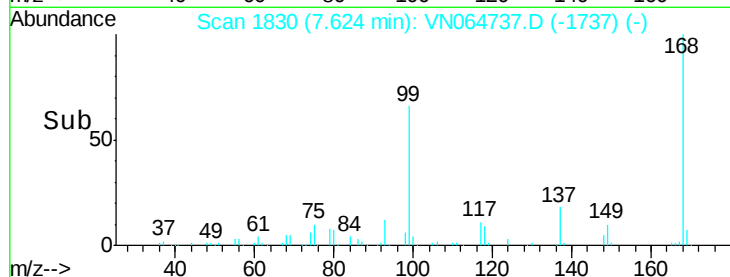
40000

20000

0

Time-->

7.55 7.60 7.65 7.70



#33

1,2-Dichloroethane-d4

Concen: 56.805 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN064737.D

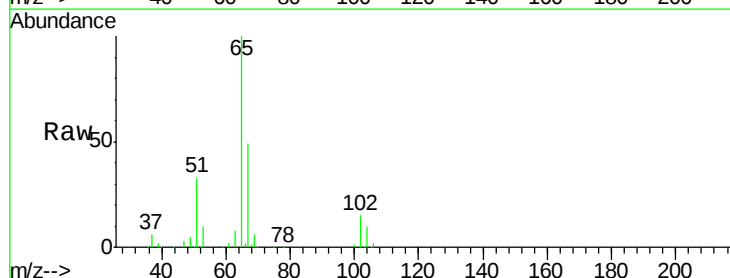
Acq: 19 Nov 2020 16:50

Tgt Ion: 65 Resp: 208407

Ion Ratio Lower Upper

65 100

67 48.4 0.0 99.8



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

7.99

100000

80000

60000

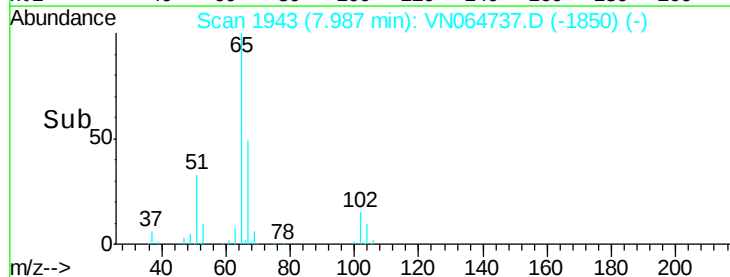
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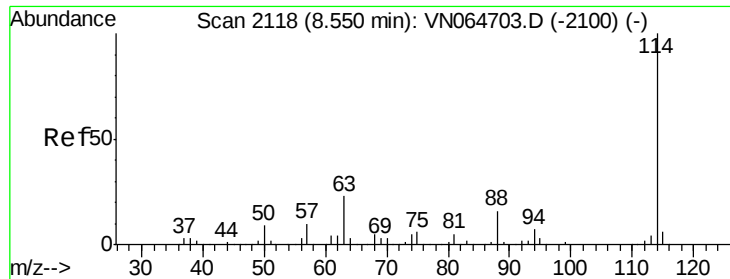
20000

0

Time-->

7.90 8.00 8.10

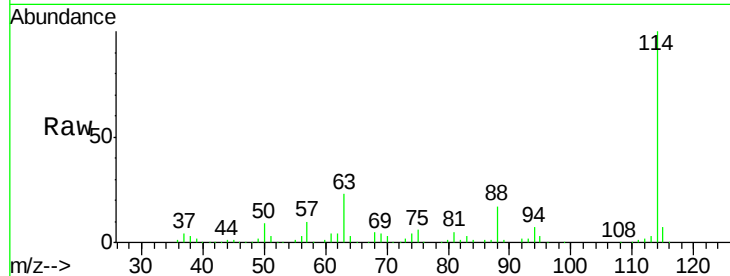




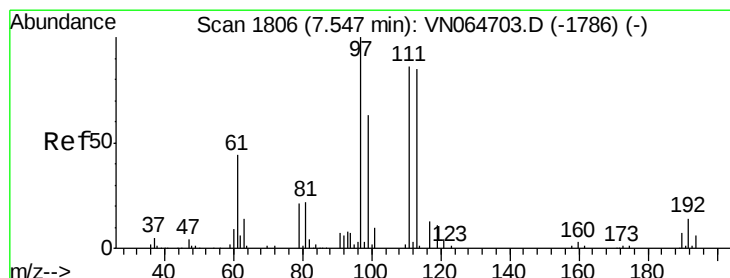
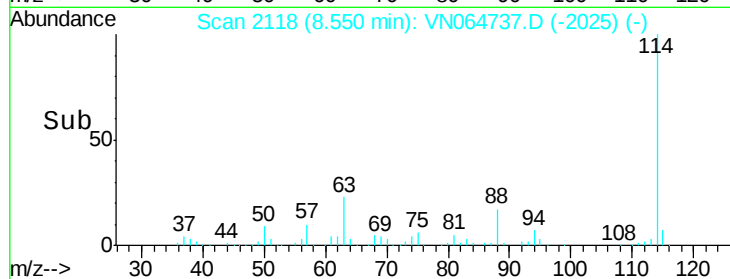
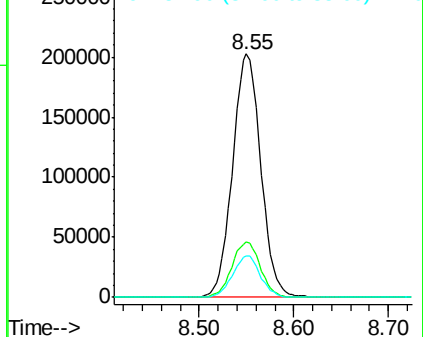
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064737.D
 Acq: 19 Nov 2020 16:50

Instrument :
 MSVOA_N
 ClientSampled :
 MW-2

Tot Ion:114 Resp: 420486
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 46.0
 88 17.0 0.0 31.2

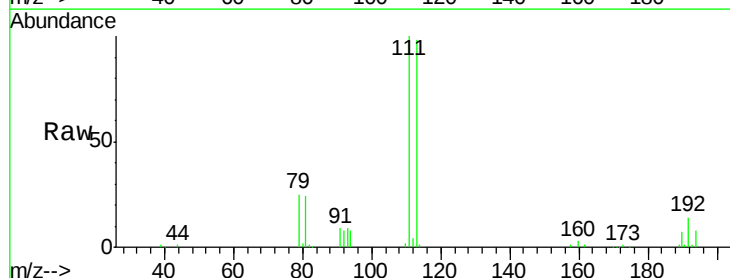


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

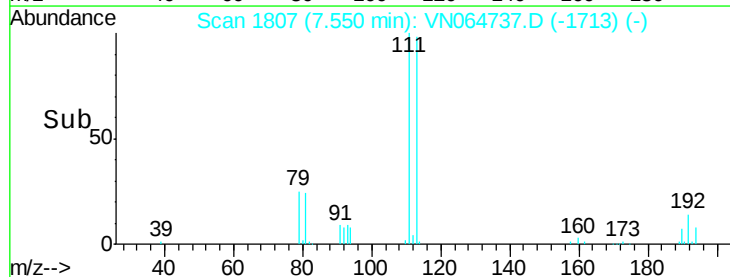
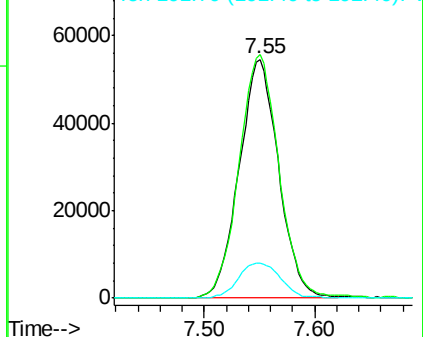


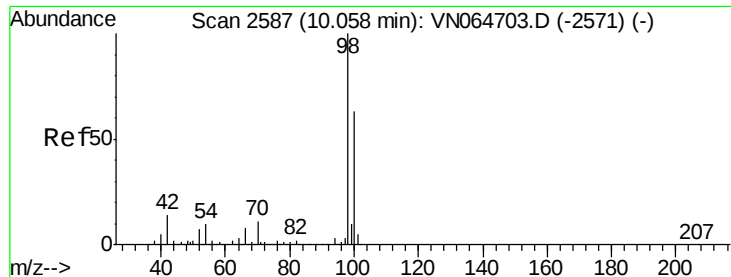
#35
 Dibromofluoromethane
 Concen: 56.402 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064737.D
 Acq: 19 Nov 2020 16:50

Tgt Ion:113 Resp: 134987
 Ion Ratio Lower Upper
 113 100
 111 103.0 82.2 123.4
 192 15.8 12.7 19.1



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: 50.821 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN064737.D

Acq: 19 Nov 2020 16:50

Instrument :

MSVOA_N

ClientSampleId :

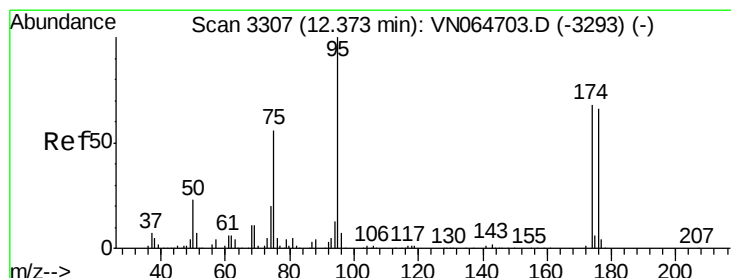
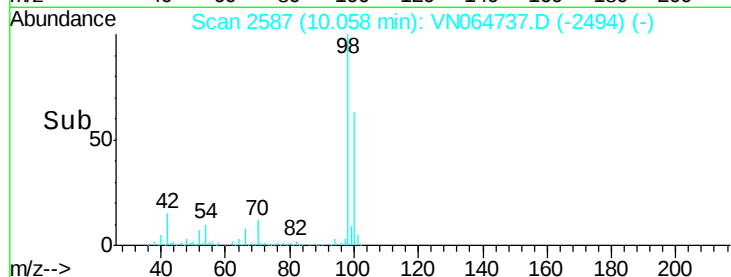
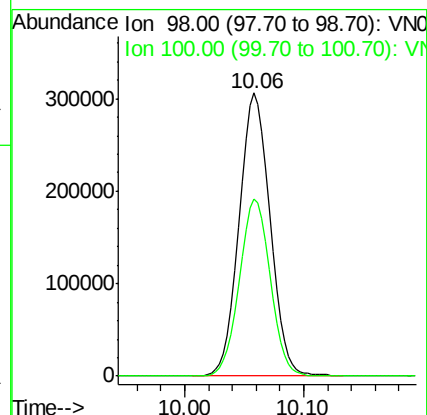
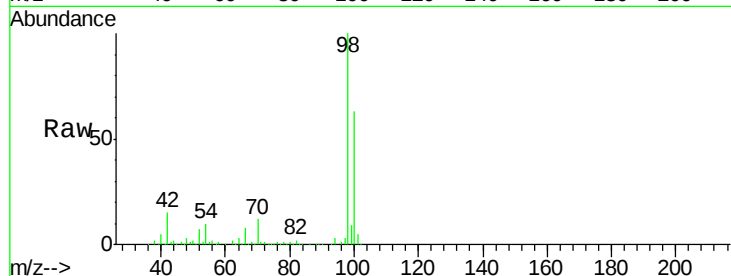
MW-2

Tot Ion: 98 Resp: 552783

Ion Ratio Lower Upper

98 100

100 62.5 50.4 75.6



#62

4-Bromofluorobenzene

Concen: 53.505 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064737.D

Acq: 19 Nov 2020 16:50

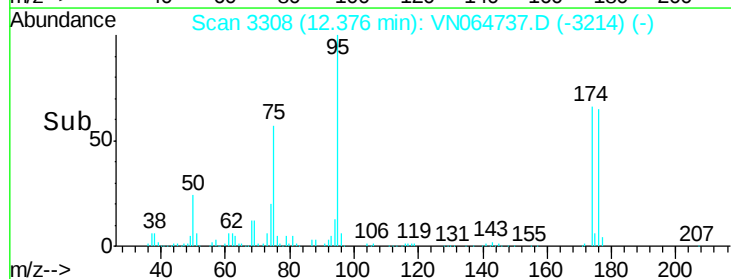
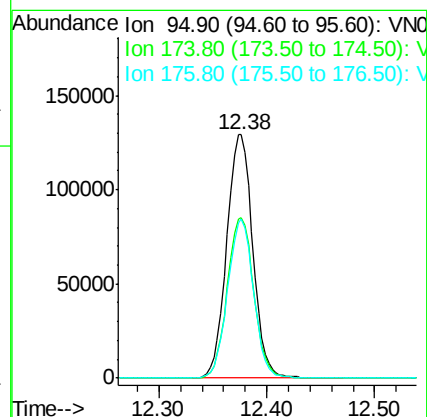
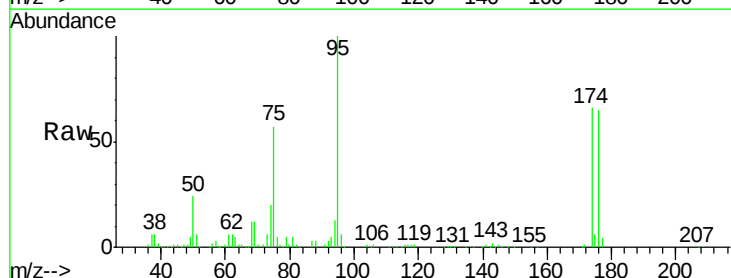
Tgt Ion: 95 Resp: 217532

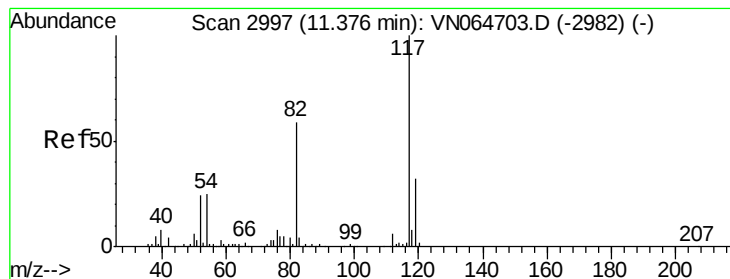
Ion Ratio Lower Upper

95 100

174 67.1 0.0 136.8

176 65.0 0.0 134.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. 0.00 min

Lab File: VN064737.D

Acq: 19 Nov 2020 16:50

Instrument :

MSVOA_N

ClientSampleId :

MW-2

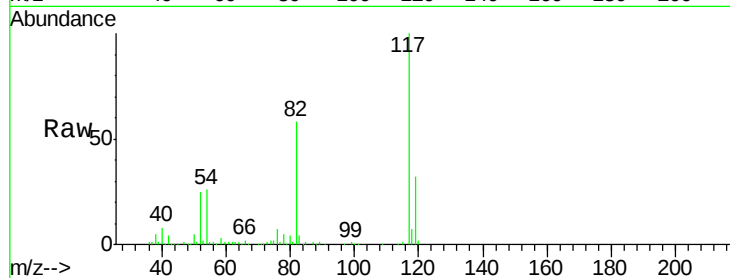
Tot Ion:117 Resp: 449858

Ion Ratio Lower Upper

117 100

82 58.1 47.0 70.6

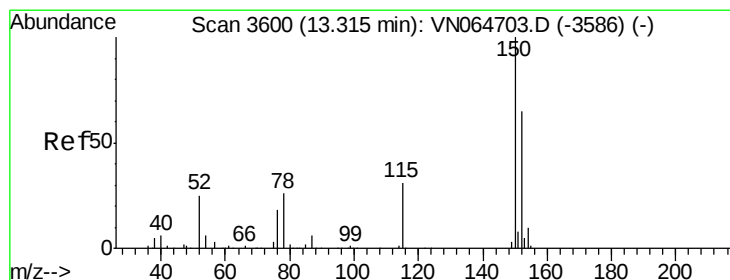
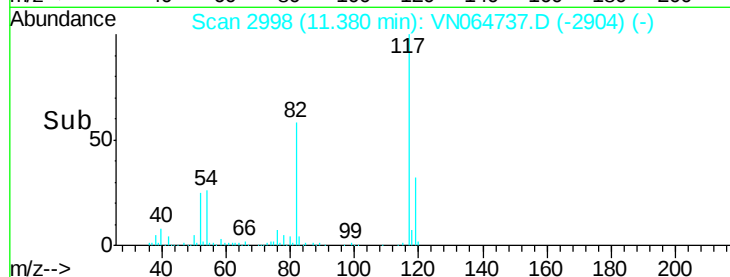
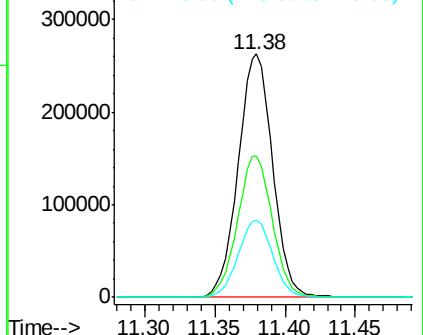
119 31.9 25.4 38.2



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# 3600

Delta R.T. 0.00 min

Lab File: VN064737.D

Acq: 19 Nov 2020 16:50

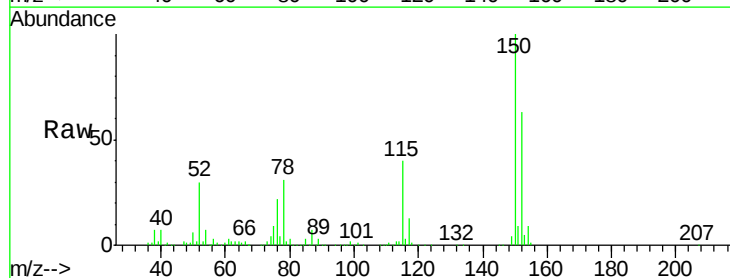
Tgt Ion:152 Resp: 185749

Ion Ratio Lower Upper

152 100

115 63.9 32.1 96.3

150 156.5 0.0 344.8



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

