

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111920\
 Data File : VN064725.D
 Acq On : 19 Nov 2020 11:55
 Operator : JC/MD
 Sample : VN1119WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1119WBL01

Quant Time: Nov 20 04:18:36 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	7.63	168	200130	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	410226	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	434041	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	180619	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	206314	58.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.20%	
35) Dibromofluoromethane	7.55	113	125399	53.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.42%	
50) Toluene-d8	10.06	98	525349	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
62) 4-Bromofluorobenzene	12.38	95	209032	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	

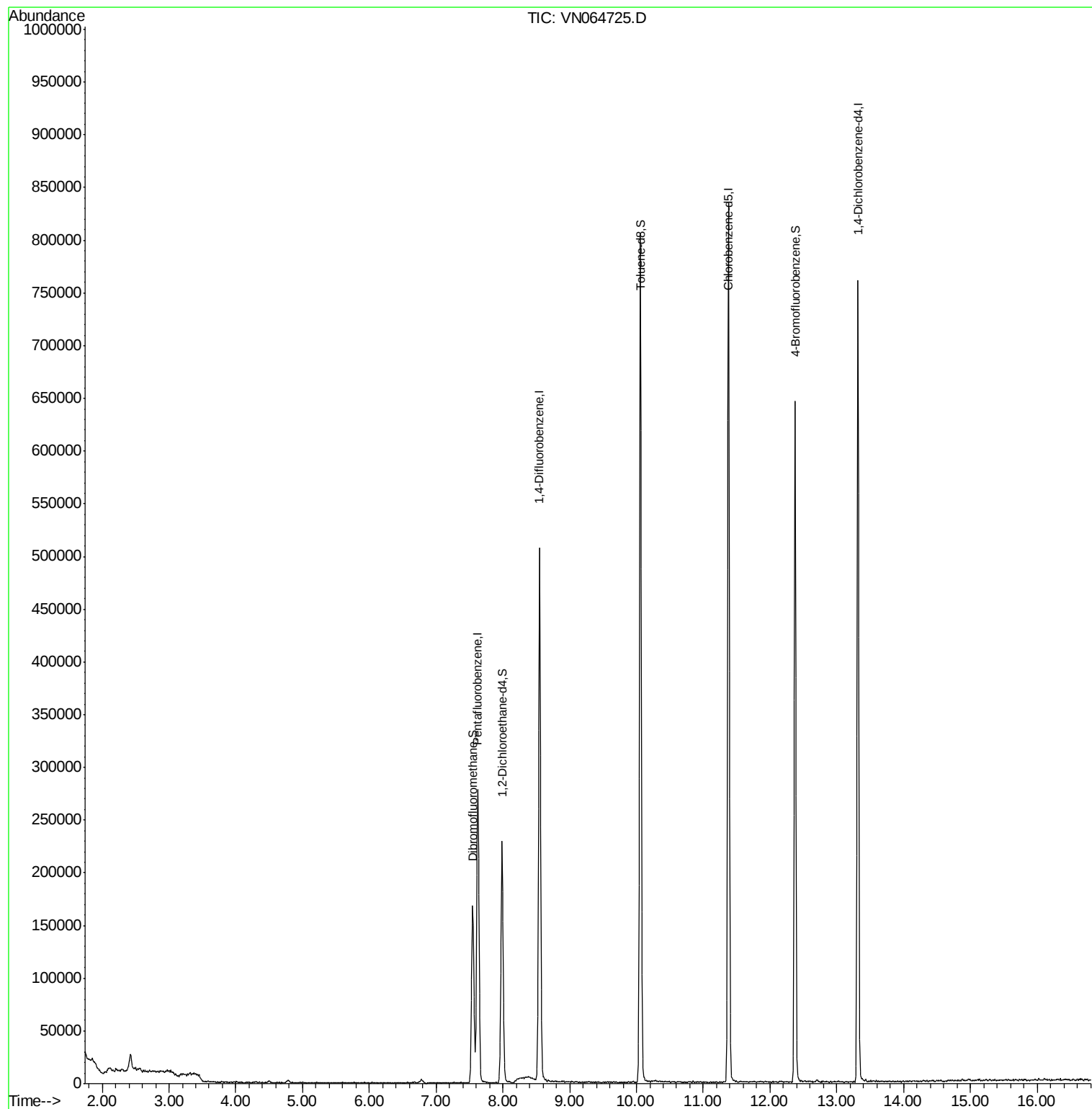
Target Compounds	Qvalue

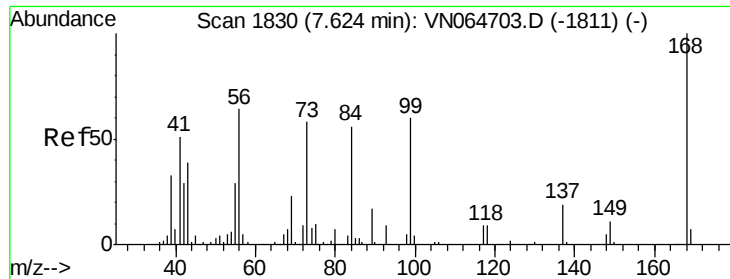
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064725.D

Acq: 19 Nov 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

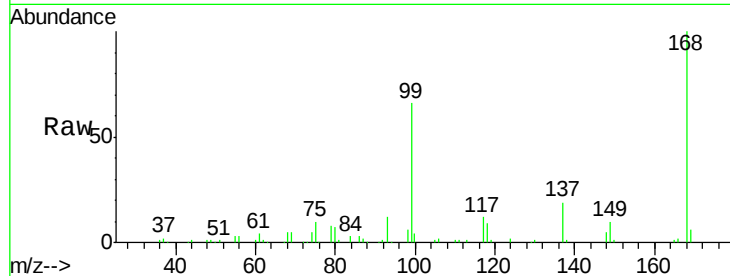
VN1119WBL01

Tot Ion:168 Resp: 200130

Ion Ratio Lower Upper

168 100

99 65.6 55.7 83.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

80000

60000

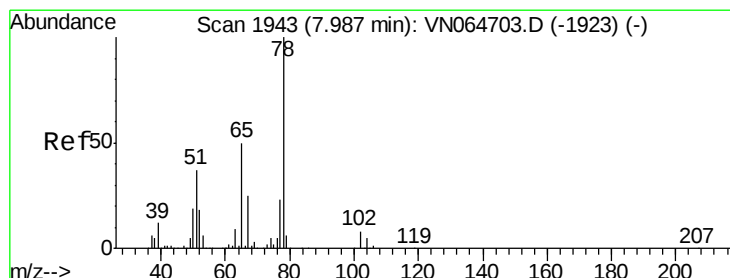
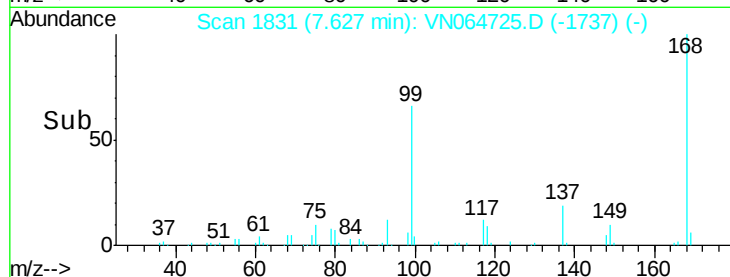
40000

20000

0

Time-->

7.55 7.60 7.65 7.70



#33

1,2-Dichloroethane-d4

Concen: 58.602 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064725.D

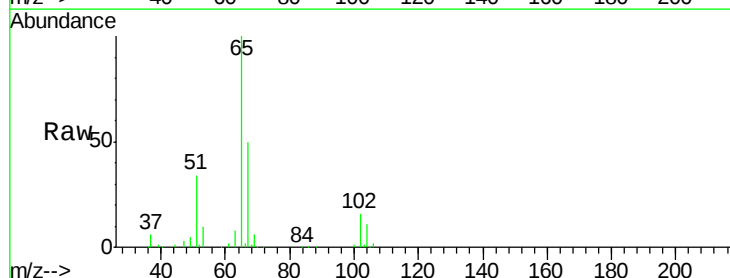
Acq: 19 Nov 2020 11:55

Tgt Ion: 65 Resp: 206314

Ion Ratio Lower Upper

65 100

67 48.4 0.0 99.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

7.99

100000

80000

60000

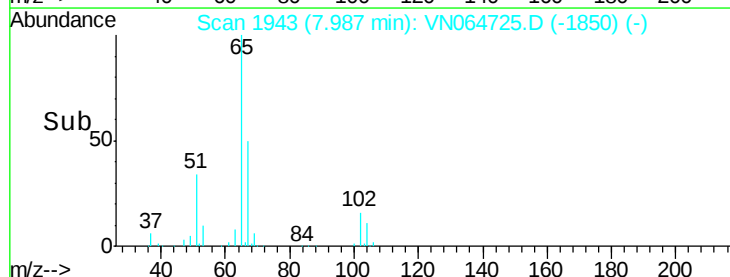
40000

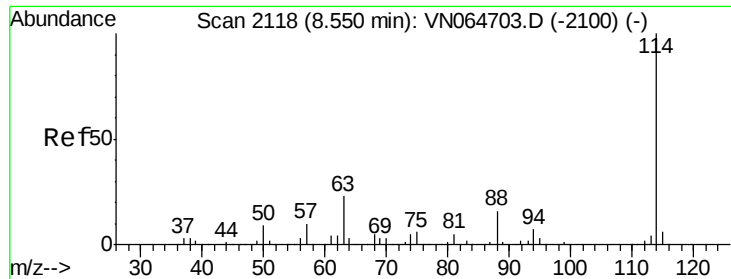
20000

0

Time-->

7.90 8.00 8.10

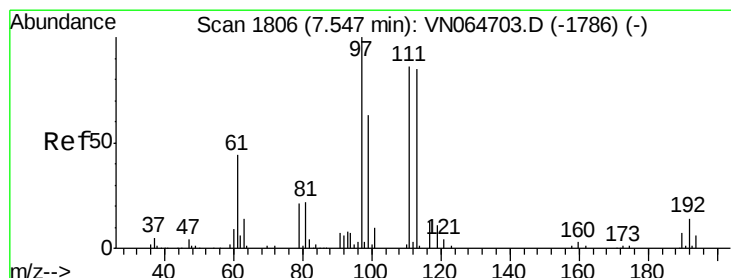
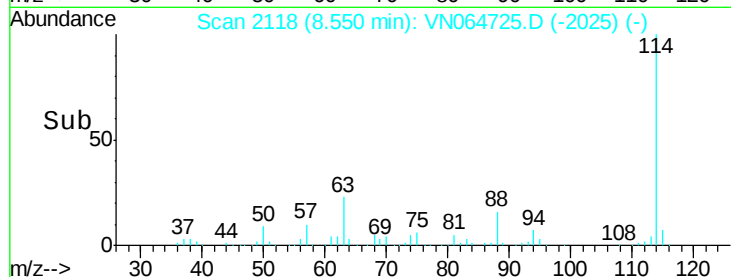
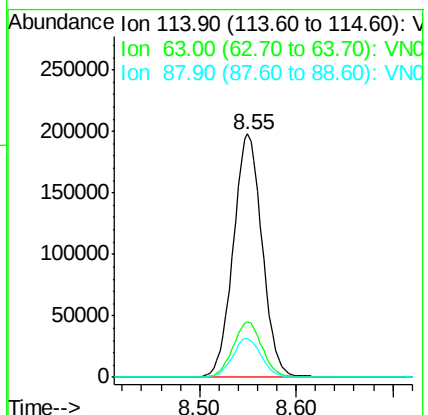
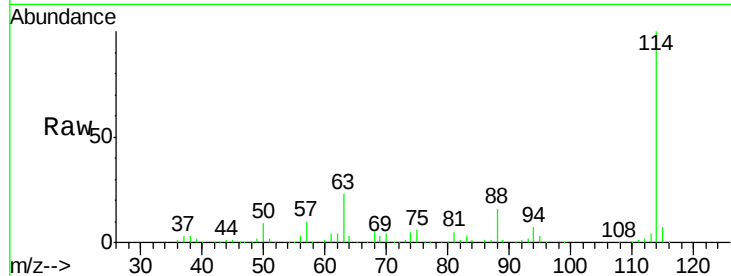




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN064725.D
Acq: 19 Nov 2020 11:55

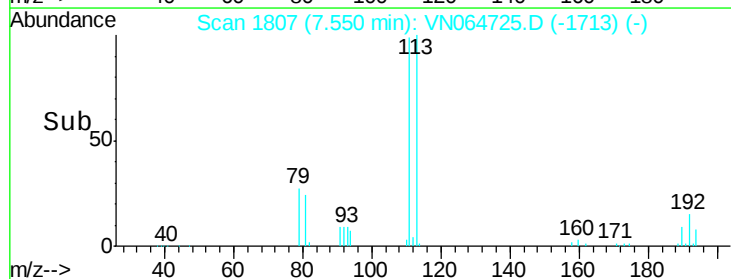
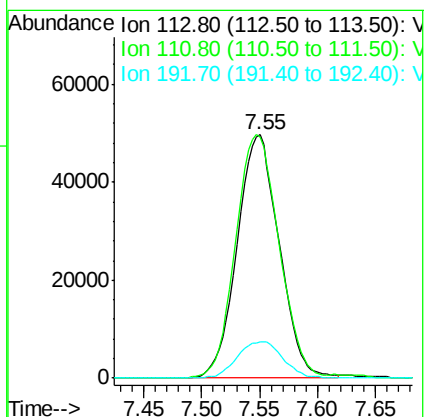
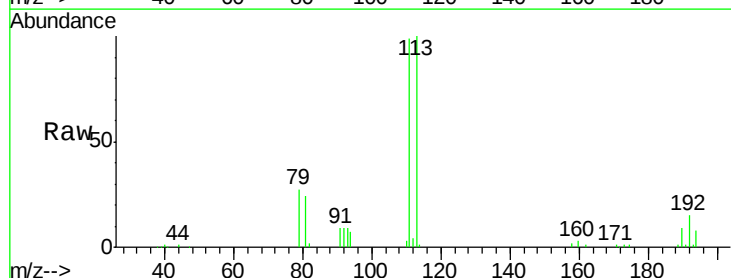
Instrument :
MSVOA_N
ClientSampled :
VN1119WBL01

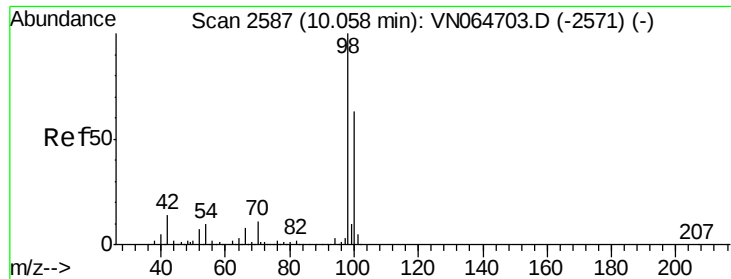
Tot Ion:114 Resp: 410226
Ion Ratio Lower Upper
114 100
63 22.9 0.0 46.0
88 15.8 0.0 31.2



#35
Dibromofluoromethane
Concen: 53.706 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064725.D
Acq: 19 Nov 2020 11:55

Tgt Ion:113 Resp: 125399
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.4
192 16.2 12.7 19.1





#50

Toluene-d8

Concen: 49.506 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN064725.D

Acq: 19 Nov 2020 11:55

Instrument :

MSVOA_N

ClientSampleId :

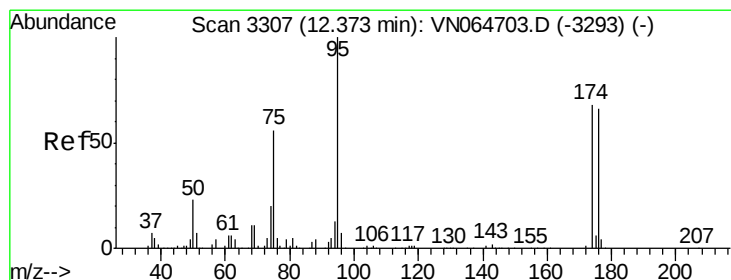
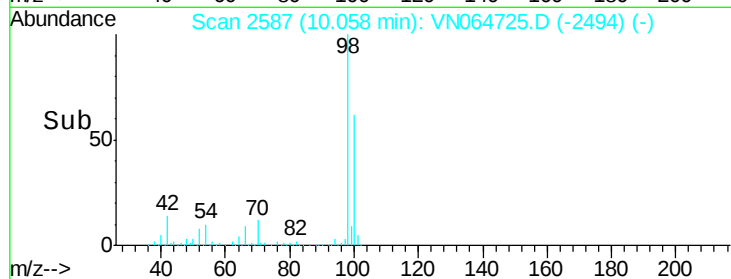
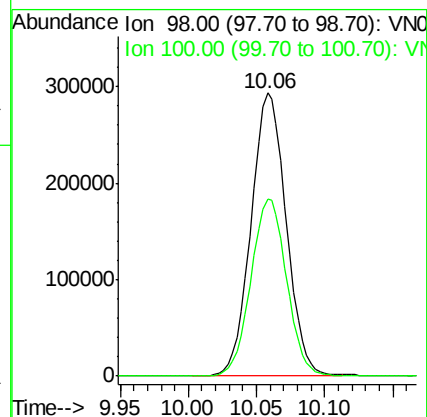
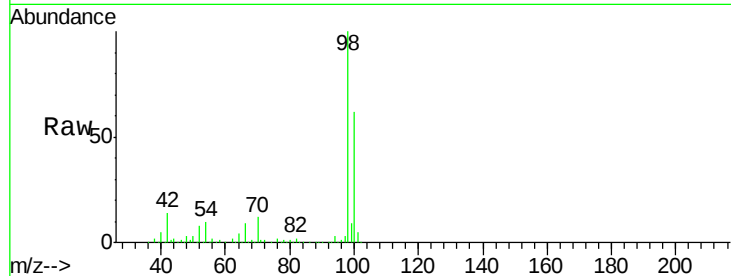
VN1119WBL01

Tot Ion: 98 Resp: 525349

Ion Ratio Lower Upper

98 100

100 63.5 50.4 75.6



#62

4-Bromofluorobenzene

Concen: 52.700 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064725.D

Acq: 19 Nov 2020 11:55

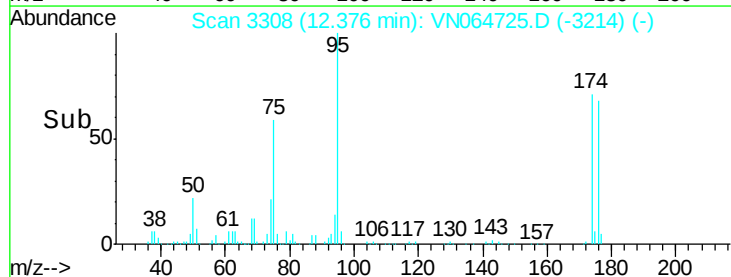
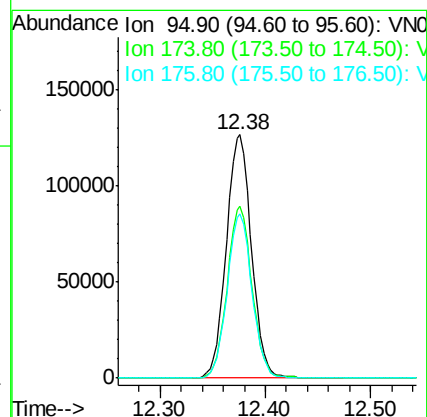
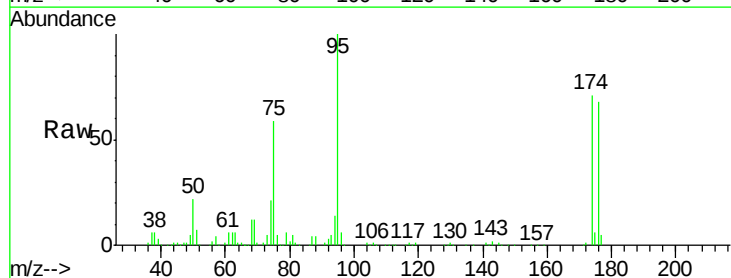
Tgt Ion: 95 Resp: 209032

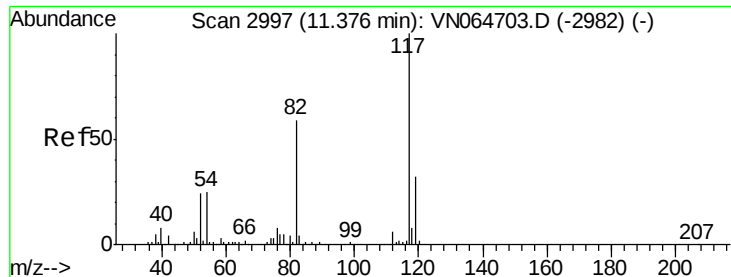
Ion Ratio Lower Upper

95 100

174 69.6 0.0 136.8

176 66.4 0.0 134.2

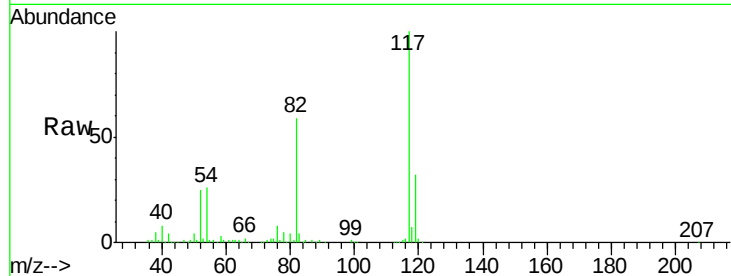




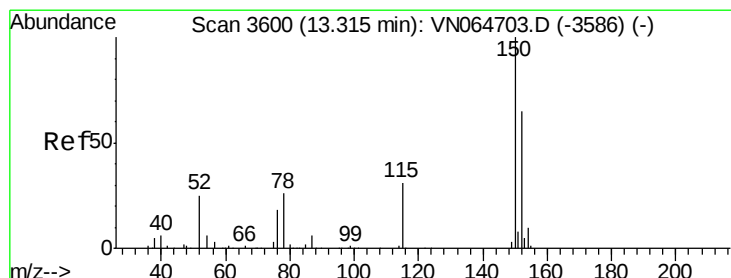
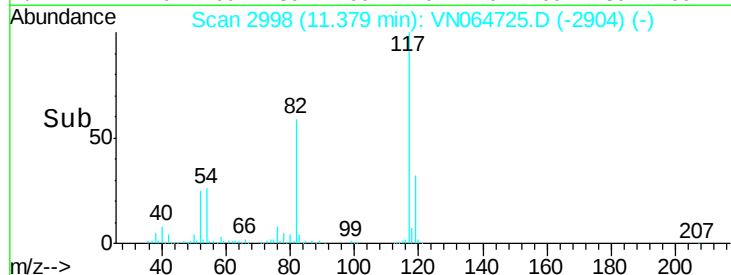
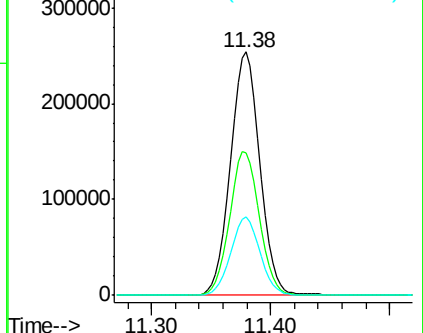
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064725.D
Acq: 19 Nov 2020 11:55

Instrument :
MSVOA_N
ClientSampleId :
VN1119WBL01

Tot Ion:117 Resp: 434041
Ion Ratio Lower Upper
117 100
82 58.6 47.0 70.6
119 32.1 25.4 38.2

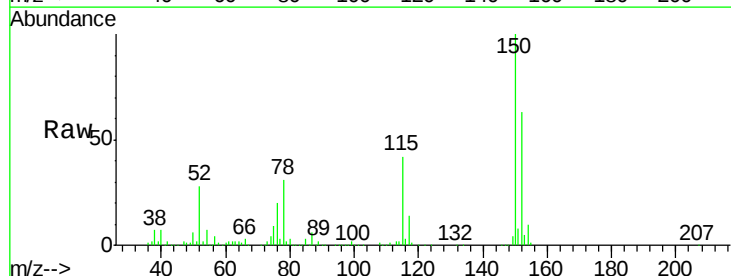


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3600
Delta R.T. -0.00 min
Lab File: VN064725.D
Acq: 19 Nov 2020 11:55

Tgt Ion:152 Resp: 180619
Ion Ratio Lower Upper
152 100
115 66.1 32.1 96.3
150 156.2 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

