

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060520\
 Data File : VN061681.D
 Acq On : 5 Jun 2020 19:48
 Operator : JC/MD
 Sample : L2921-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LF012MW007-200604

Quant Time: Jun 06 04:21:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	301675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	519233	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	505583	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	232483	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	170855	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
35) Dibromofluoromethane	7.55	113	149068	56.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.18%	
50) Toluene-d8	10.06	98	621338	50.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.80%	
62) 4-Bromofluorobenzene	12.38	95	224680	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	

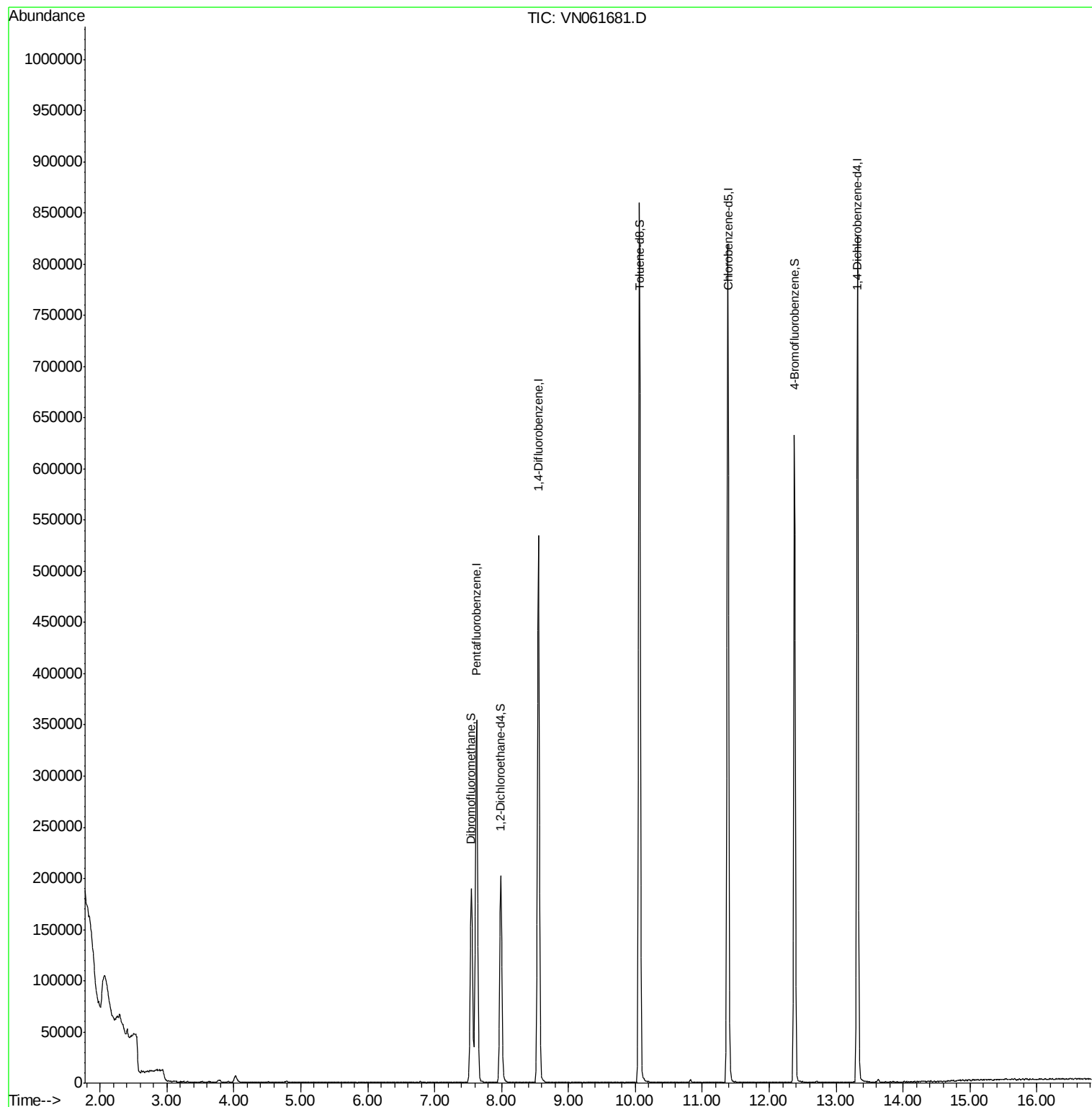
Target Compounds	Qvalue

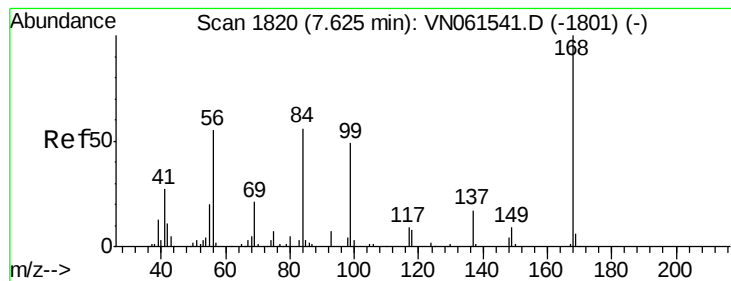
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN061681.D

Acq: 5 Jun 2020 19:48

Instrument :

MSVOA_N

ClientSampleId :

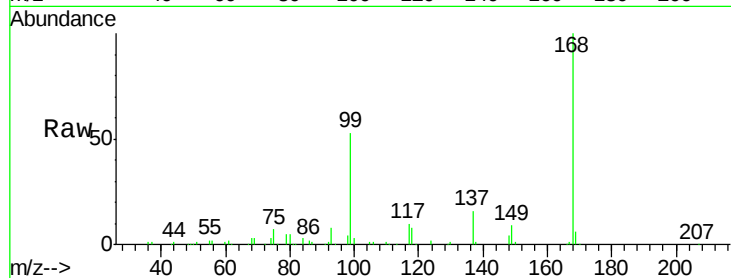
LF012MW007-200604

Tot Ion:168 Resp: 301675

Ion Ratio Lower Upper

168 100

99 52.9 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

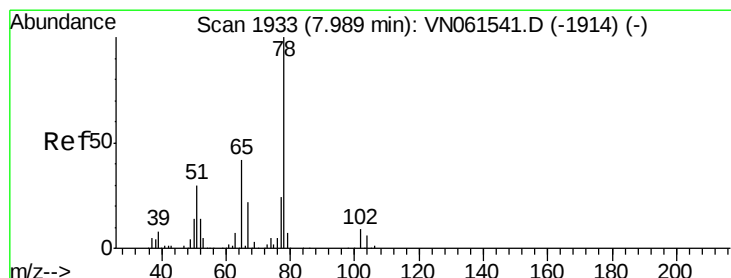
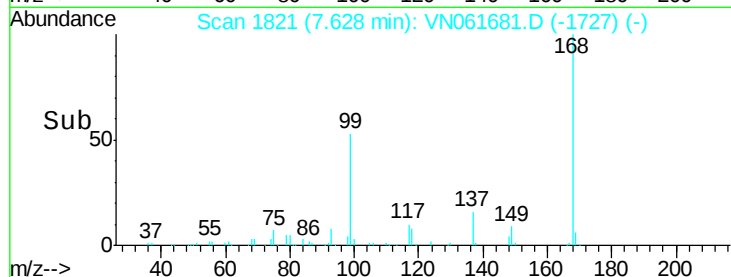
150000

100000

50000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#33

1,2-Dichloroethane-d4

Concen: 47.535 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. 0.00 min

Lab File: VN061681.D

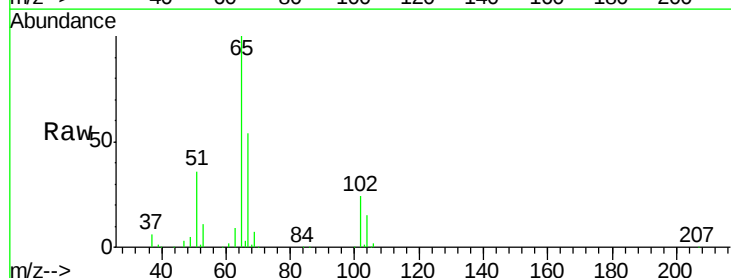
Acq: 5 Jun 2020 19:48

Tgt Ion: 65 Resp: 170855

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

7.99

80000

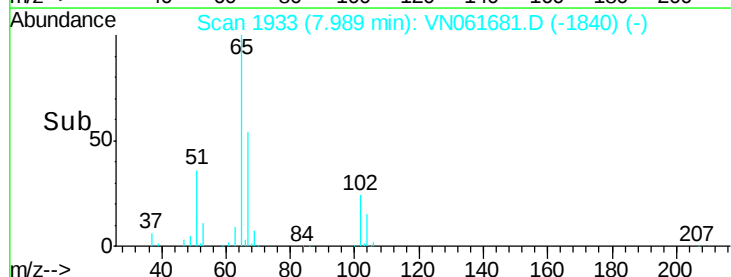
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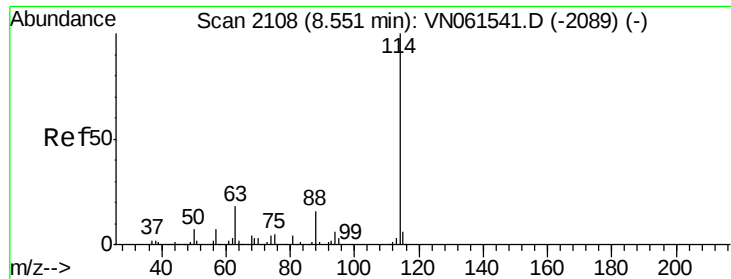
40000

20000

0

Time--> 7.90 8.00 8.10

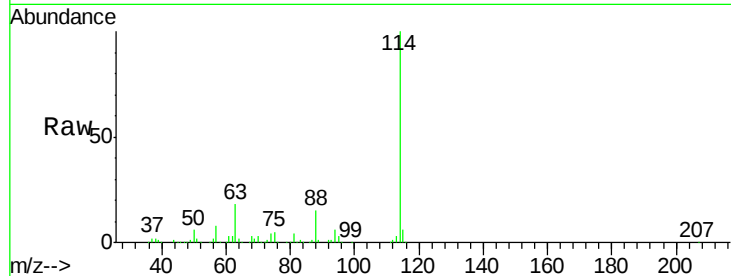




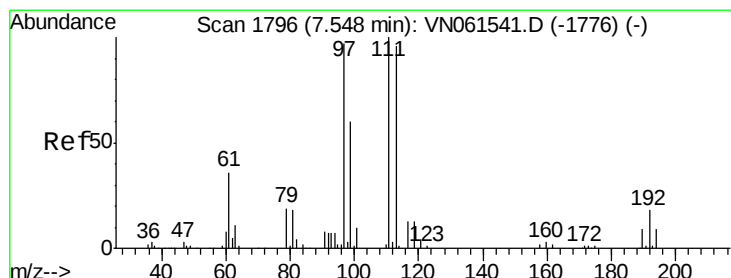
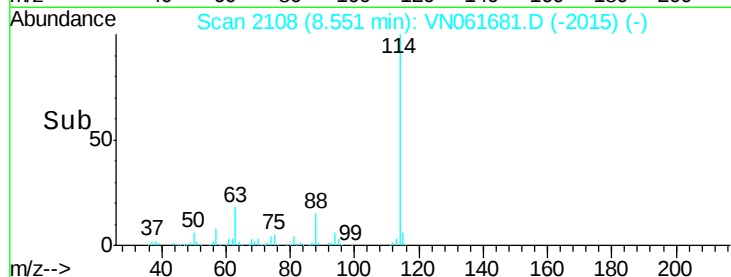
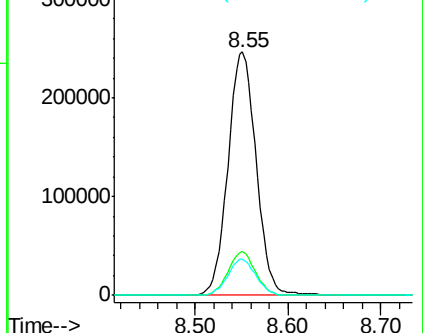
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061681.D
 Acq: 5 Jun 2020 19:48

Instrument :
 MSVOA_N
 ClientSampleId :
 LF012MW007-200604

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	35.8
88	14.8	0.0	31.0

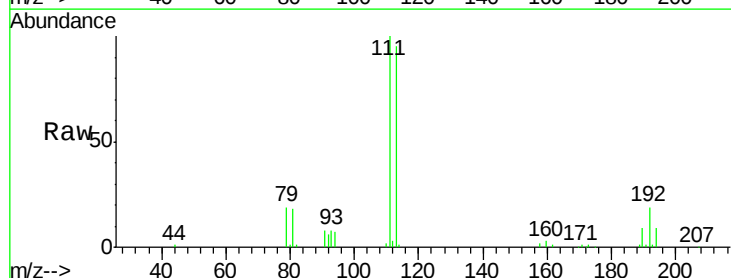


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

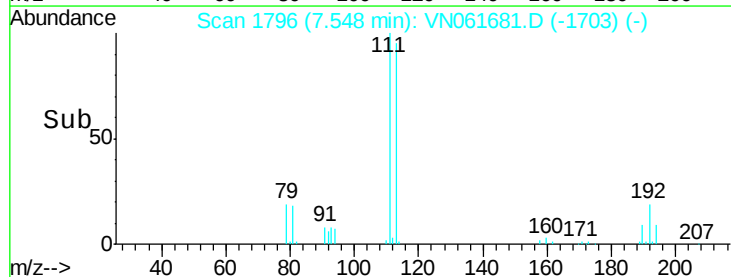
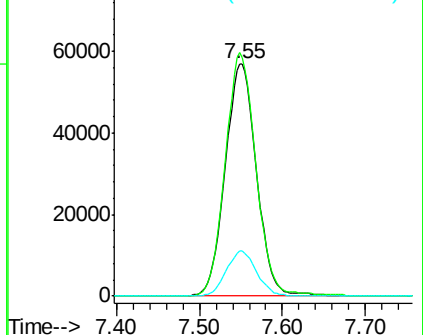


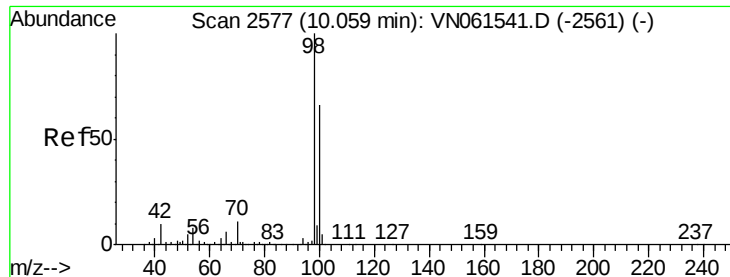
#35
 Dibromofluoromethane
 Concen: 56.594 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061681.D
 Acq: 5 Jun 2020 19:48

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.4	125.0
192	19.0	15.4	23.2



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: 50.904 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061681.D

Acq: 5 Jun 2020 19:48

Instrument :

MSVOA_N

ClientSampleId :

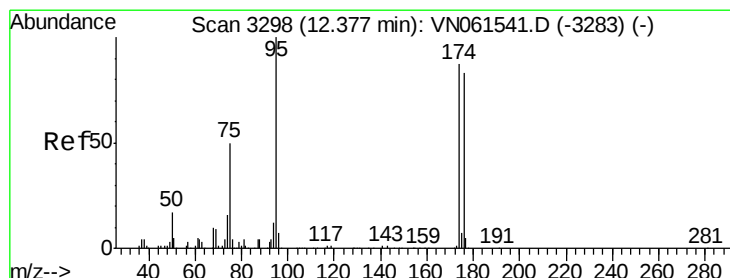
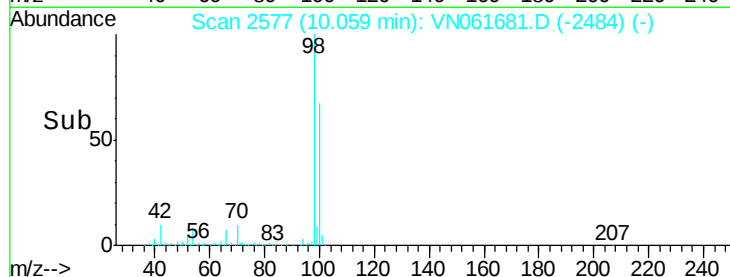
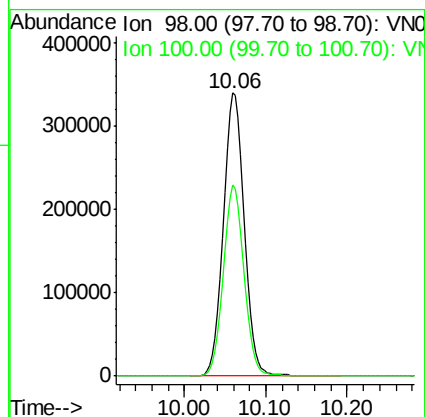
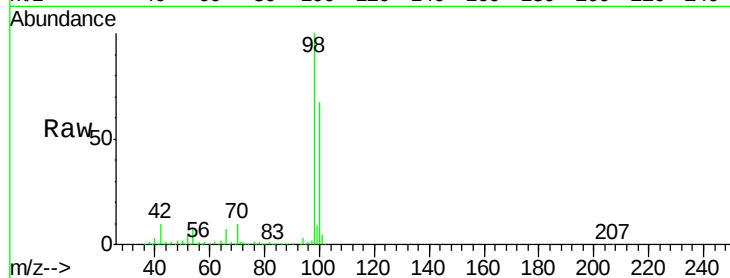
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Tot Ion: 98 Resp: 621338

Ion Ratio Lower Upper

98 100

100 66.7 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 50.453 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061681.D

Acq: 5 Jun 2020 19:48

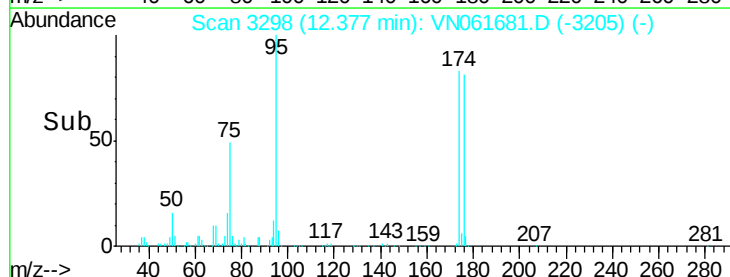
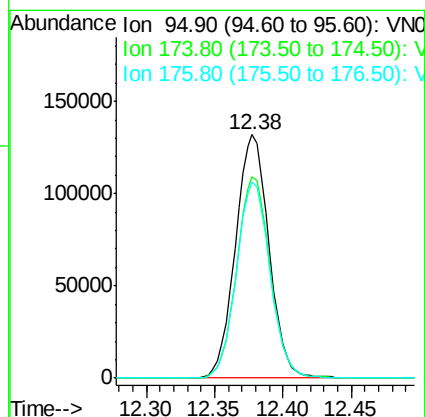
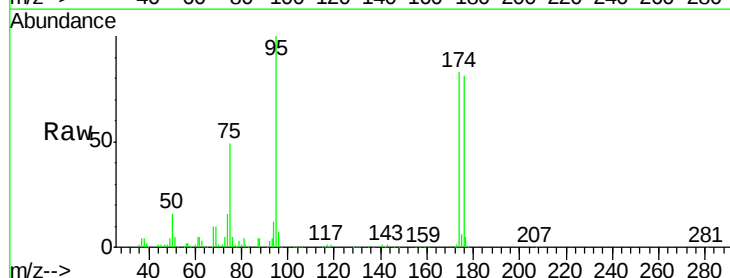
Tgt Ion: 95 Resp: 224680

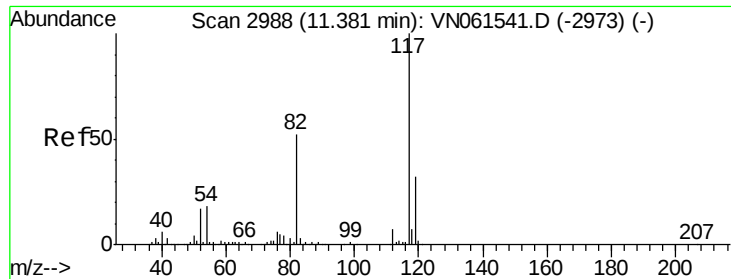
Ion Ratio Lower Upper

95 100

174 82.9 0.0 172.8

176 81.1 0.0 164.8

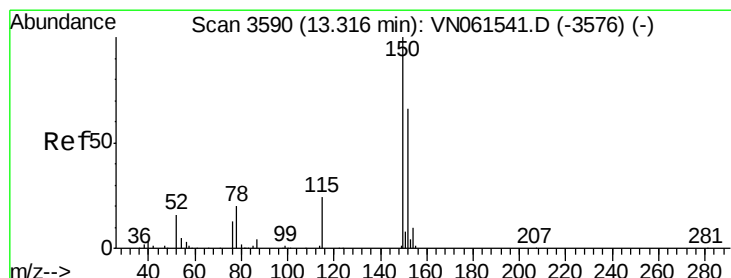
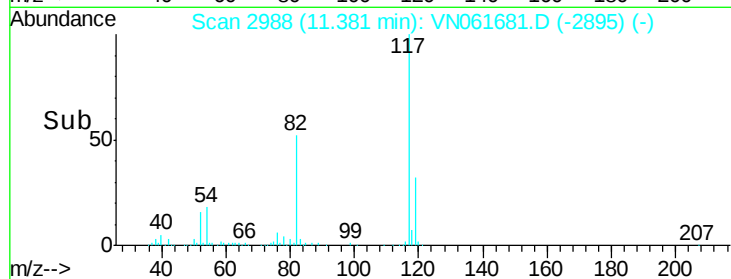
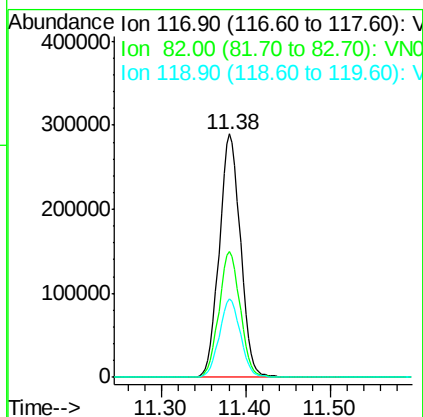
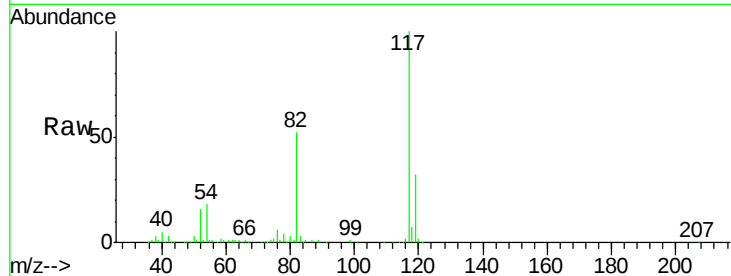




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061681.D
Acq: 5 Jun 2020 19:48

Instrument :
MSVOA_N
ClientSampleId :
LF012MW007-200604

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.7	41.5	62.3
119	32.0	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061681.D
Acq: 5 Jun 2020 19:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.6	28.0	84.0
150	158.0	0.0	344.0

