

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060520\
 Data File : VN061679.D
 Acq On : 5 Jun 2020 19:01
 Operator : JC/MD
 Sample : L2921-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LF012MW028-200603

Quant Time: Jun 06 04:15:05 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

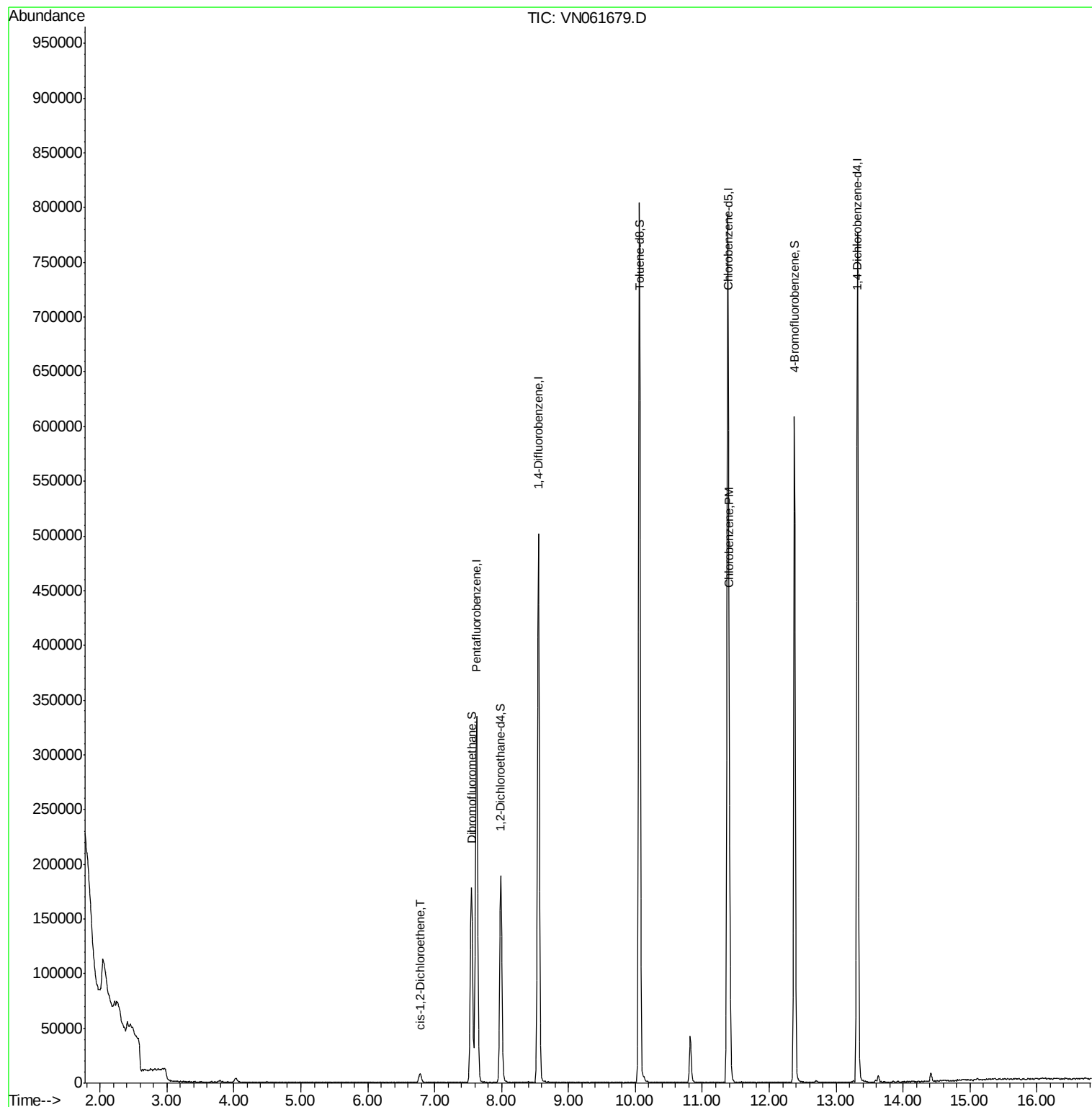
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	285413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	485425	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	482165	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	225437	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	158508	46.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.22%	
35) Dibromofluoromethane	7.55	113	140298	56.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.94%	
50) Toluene-d8	10.06	98	583796	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
62) 4-Bromofluorobenzene	12.38	95	217483	52.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.48%	
Target Compounds						
27) cis-1,2-Dichloroethene	6.78	96	4280	1.149	ug/l	88
65) Chlorobenzene	11.41	112	107860	10.762	ug/l	99

(#) = 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

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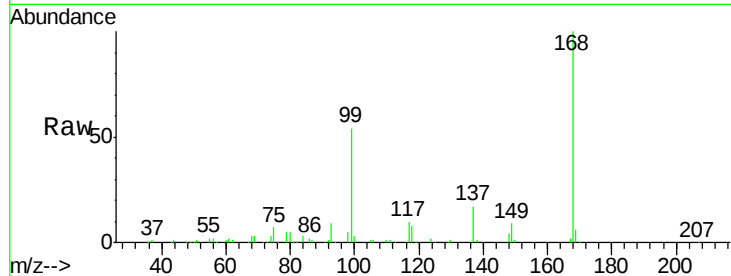
LF012MW028-200603

Tot Ion:168 Resp: 285413

Ion Ratio Lower Upper

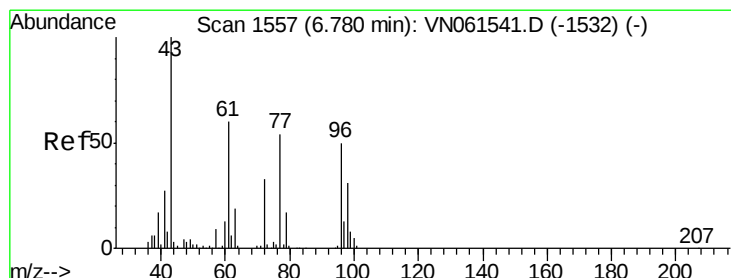
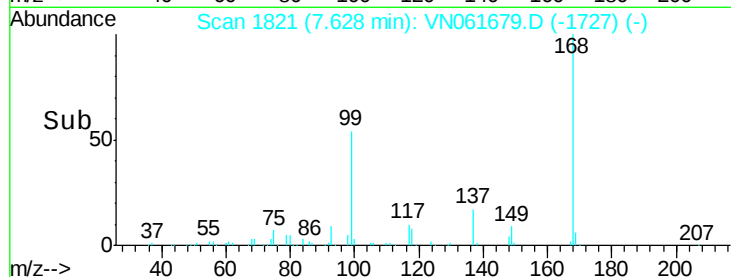
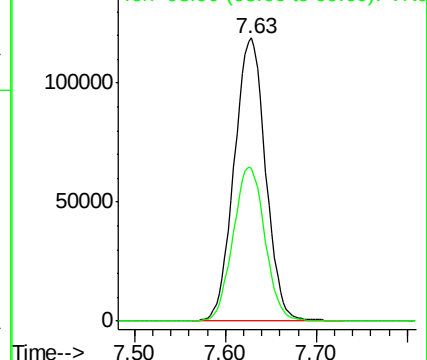
168 100

99 53.9 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#27

cis-1,2-Dichloroethene

Concen: 1.149 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN061679.D

Acq: 5 Jun 2020 19:01

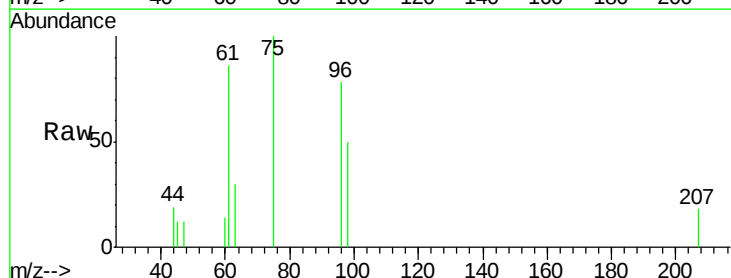
Tgt Ion: 96 Resp: 4280

Ion Ratio Lower Upper

96 100

61 110.9 0.0 252.2

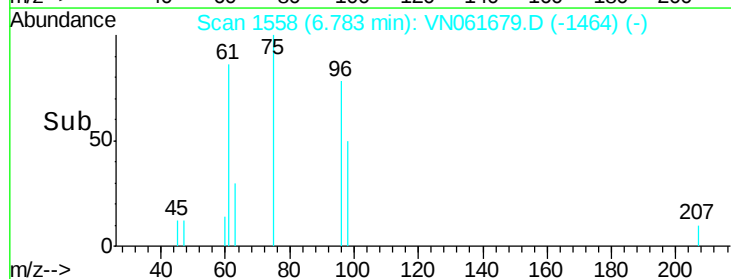
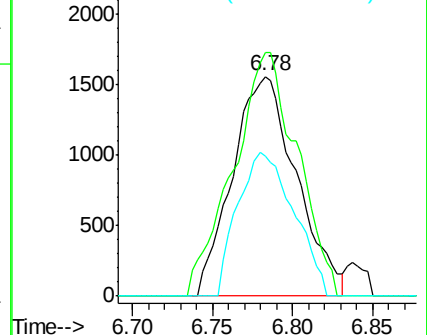
98 57.1 0.0 129.2

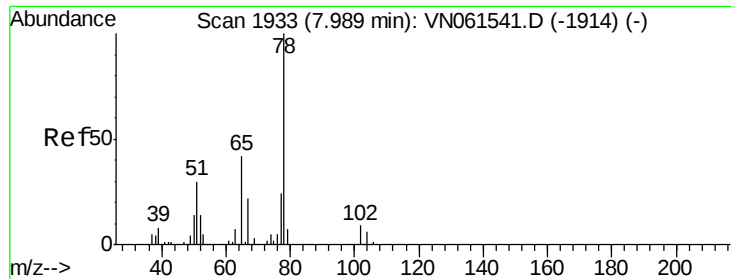


Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO

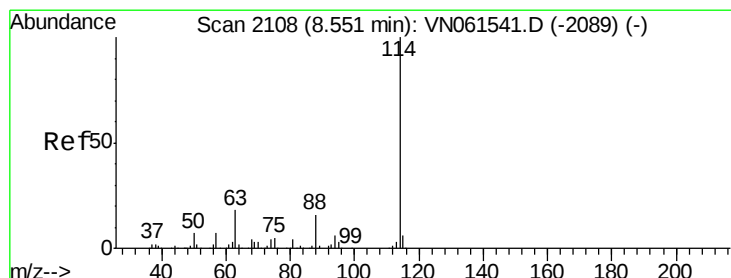
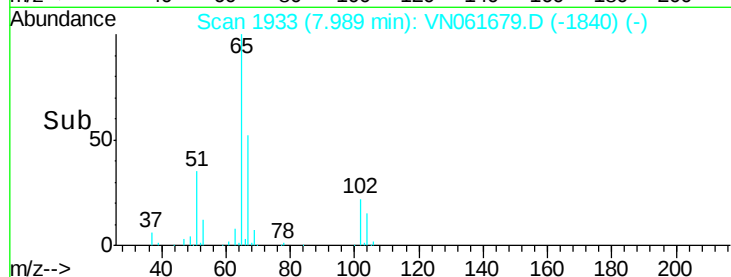
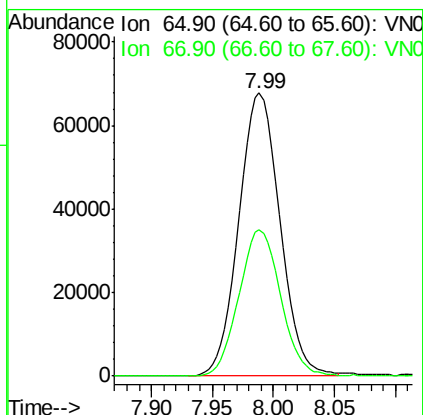
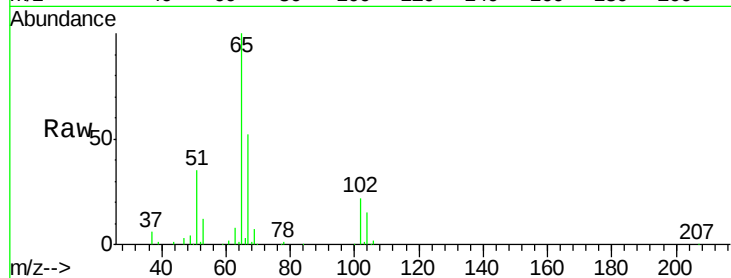




#33
 1,2-Dichloroethane-d4
 Concen: 46.613 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN061679.D
 Acq: 5 Jun 2020 19:01

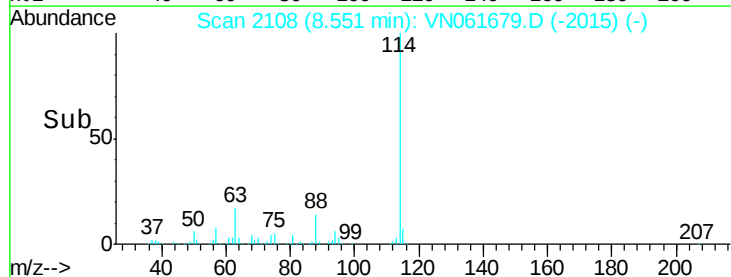
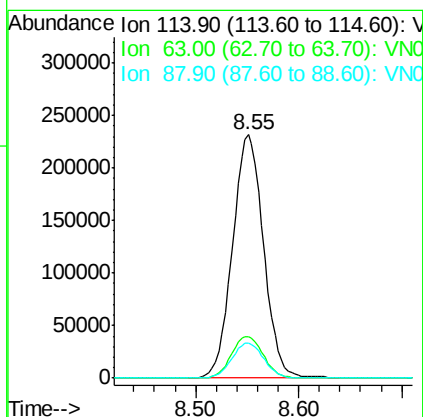
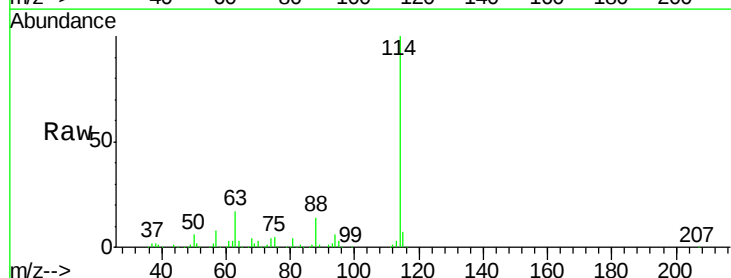
Instrument :
 MSVOA_N
 ClientSampleId :
 LF012MW028-200603

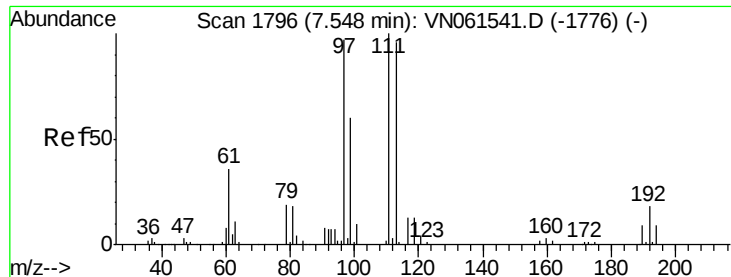
Tot Ion: 65 Resp: 158508
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061679.D
 Acq: 5 Jun 2020 19:01

Tgt Ion: 114 Resp: 485425
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 35.8
 88 14.4 0.0 31.0

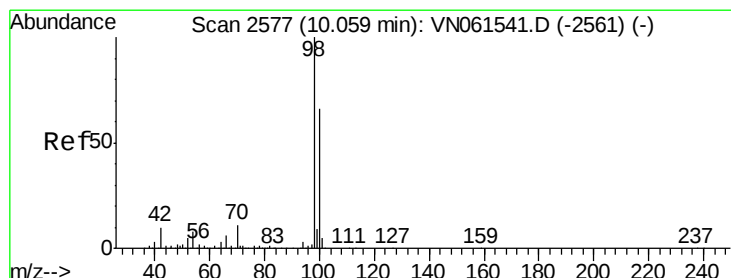
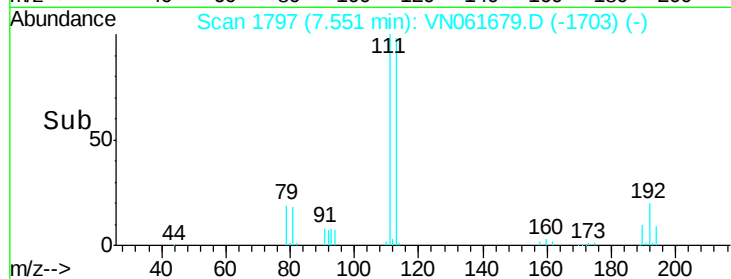
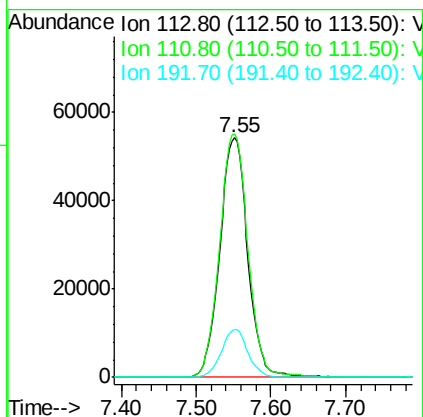
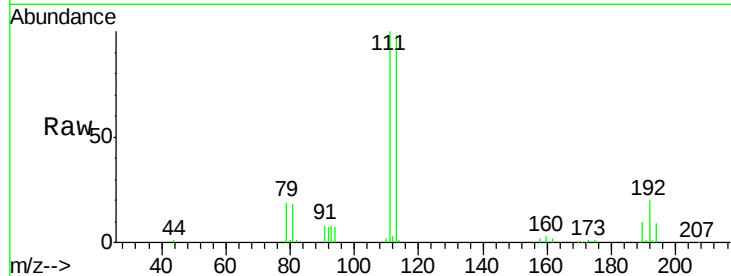




#35
 Dibromofluoromethane
 Concen: 56.974 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN061679.D
 Acq: 5 Jun 2020 19:01

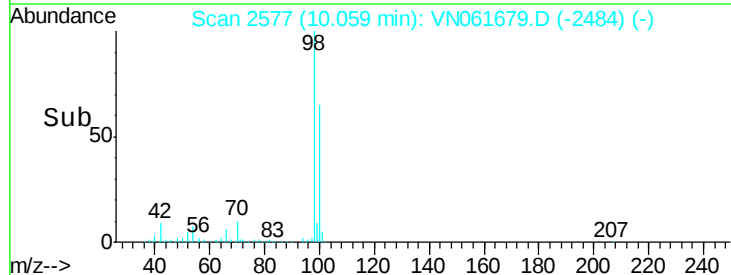
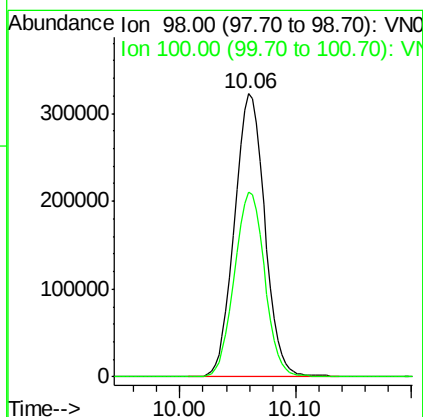
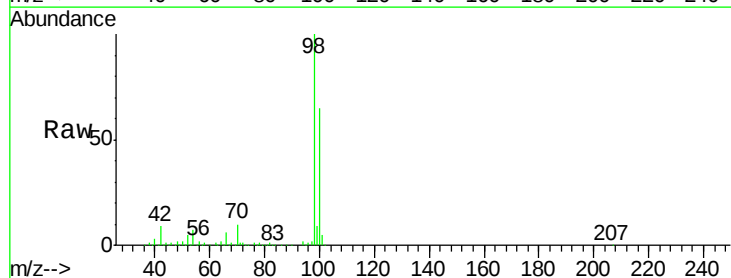
Instrument :
 MSVOA_N
 ClientSampleId :
 LF012MW028-200603

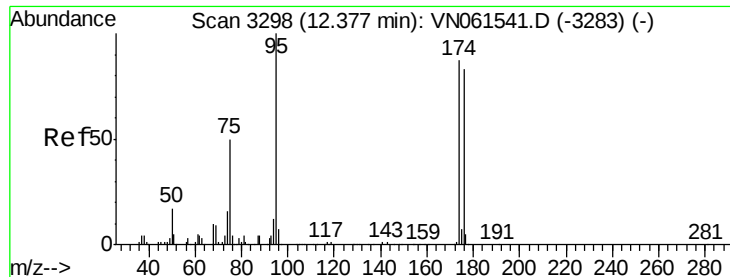
Tot Ion:113 Resp: 140298
 Ion Ratio Lower Upper
 113 100
 111 102.3 83.4 125.0
 192 19.0 15.4 23.2



#50
 Toluene-d8
 Concen: 51.159 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. 0.00 min
 Lab File: VN061679.D
 Acq: 5 Jun 2020 19:01

Tgt Ion: 98 Resp: 583796
 Ion Ratio Lower Upper
 98 100
 100 65.3 52.8 79.2





#62

4-Bromofluorobenzene

Concen: 52.238 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061679.D

Acq: 5 Jun 2020 19:01

Instrument :

MSVOA_N

ClientSampleId :

LF012MW028-200603

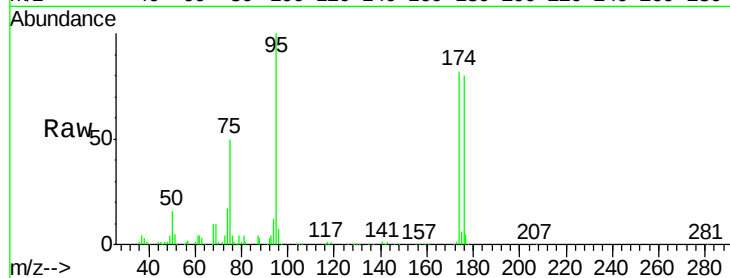
Tot Ion: 95 Resp: 217483

Ion Ratio Lower Upper

95 100

174 83.1 0.0 172.8

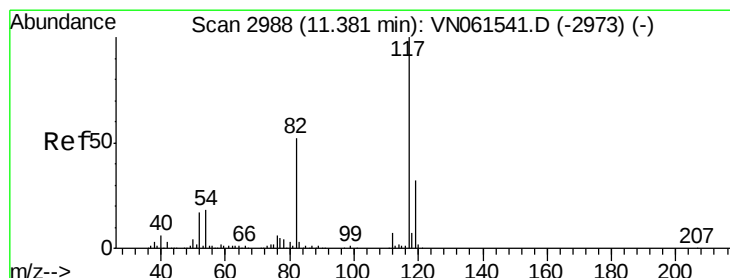
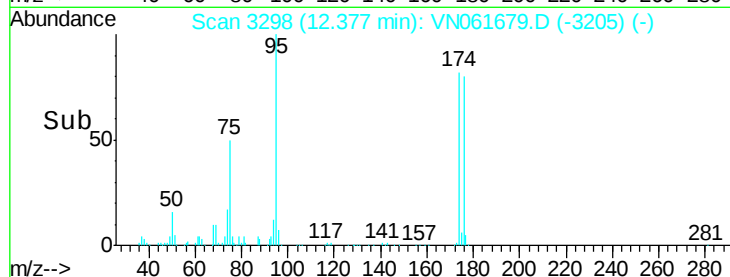
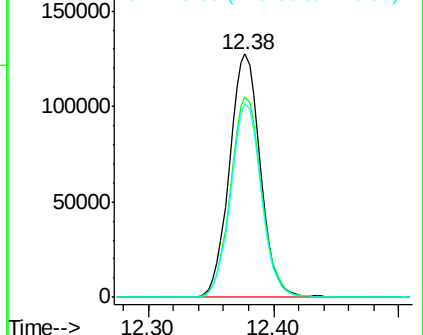
176 79.3 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN061679.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN061679.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN061679.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN061679.D

Acq: 5 Jun 2020 19:01

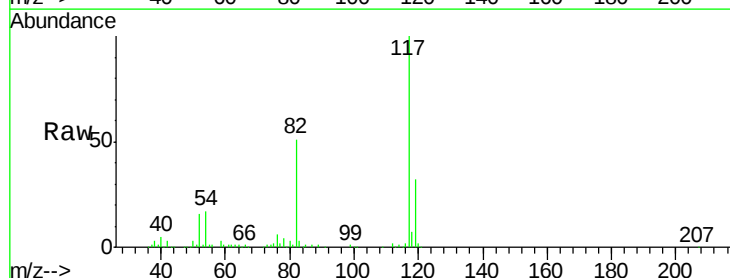
Tgt Ion: 117 Resp: 482165

Ion Ratio Lower Upper

117 100

82 50.9 41.5 62.3

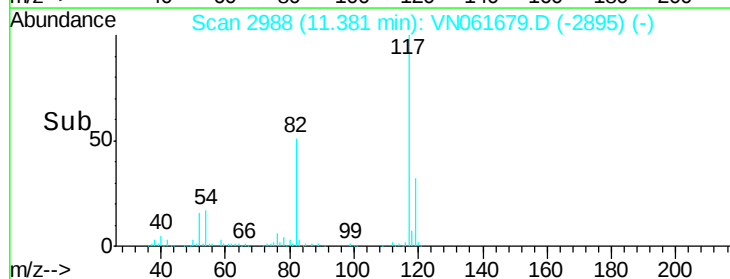
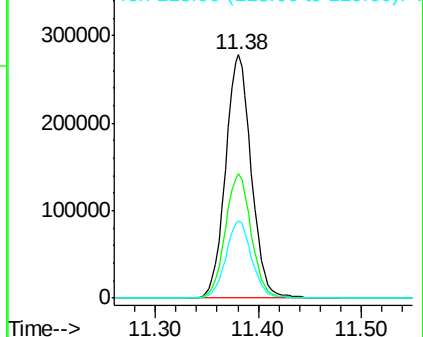
119 31.9 25.6 38.4

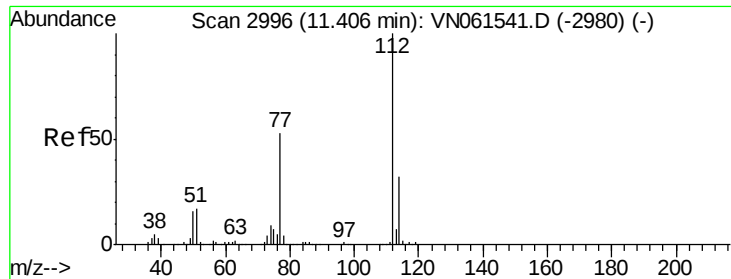


Abundance Ion 116.90 (116.60 to 117.60): VN061679.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN061679.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN061679.D (-2895) (-)

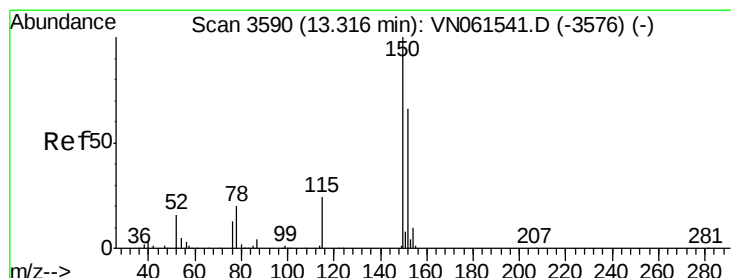
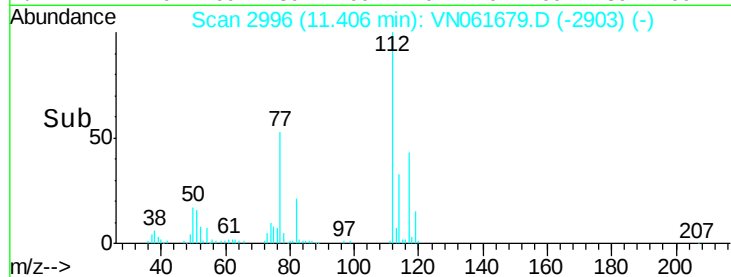
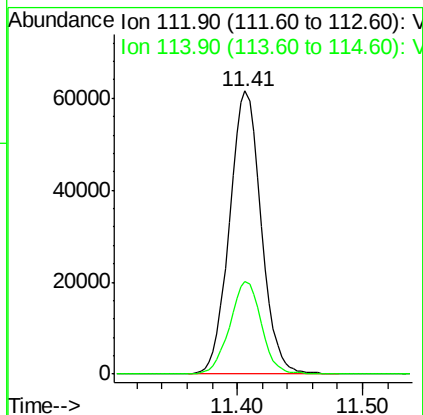
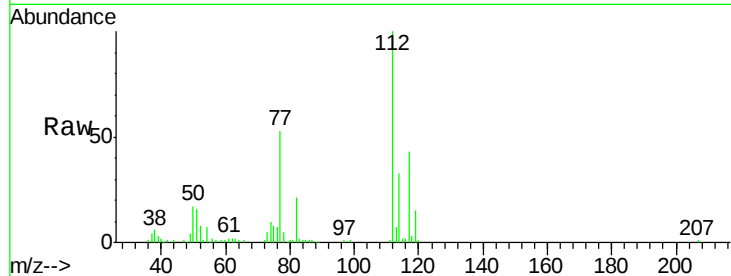




#65
Chlorobenzene
Concen: 10.762 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN061679.D
Acq: 5 Jun 2020 19:01

Instrument :
MSVOA_N
ClientSampleId :
LF012MW028-200603

Tot Ion:112 Resp: 107860
Ion Ratio Lower Upper
112 100
114 32.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN061679.D
Acq: 5 Jun 2020 19:01

Tgt Ion:152 Resp: 225437
Ion Ratio Lower Upper
152 100
115 57.3 28.0 84.0
150 157.1 0.0 344.0

