

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032620\
 Data File : VN060714.D
 Acq On : 26 Mar 2020 15:04
 Operator : JC/MD
 Sample : L1997-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D1-20200315

Quant Time: Mar 27 07:03:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

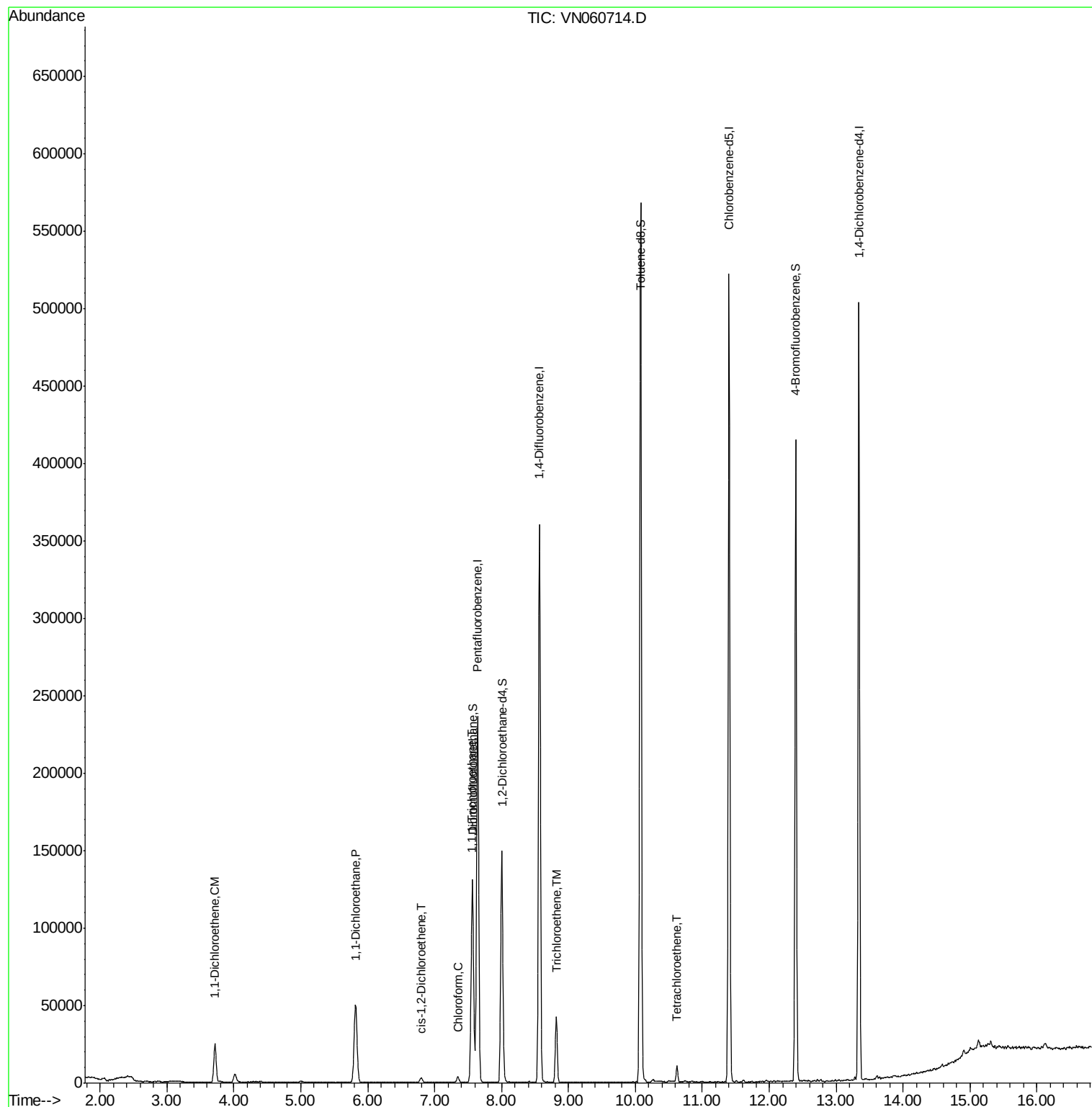
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	193145	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	319746	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	293867	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	131994	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	125299	47.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.52%	
35) Dibromofluoromethane	7.57	113	95443	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
50) Toluene-d8	10.08	98	392403	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
62) 4-Bromofluorobenzene	12.40	95	145358	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
Target Compounds						
12) 1,1-Dichloroethene	3.72	96	13679	6.541	ug/l	99
24) 1,1-Dichloroethane	5.82	63	81600	19.264	ug/l	99
27) cis-1,2-Dichloroethene	6.80	96	2419	0.955	ug/l	74
30) Chloroform	7.35	83	4211	1.037	ug/l	96
32) 1,1,1-Trichloroethane	7.55	97	11091	3.168	ug/l	98
44) Trichloroethene	8.82	130	15420	6.545	ug/l	92
64) Tetrachloroethene	10.62	164	2542	1.099	ug/l	93

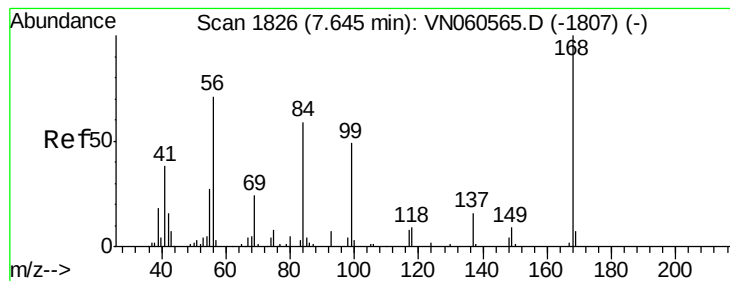
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN032620\
Data File : VN060714.D
Acq On : 26 Mar 2020 15:04
Operator : JC/MD
Sample : L1997-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW203D1-20200315

Quant Time: Mar 27 07:03:13 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060714.D

Acq: 26 Mar 2020 15:04

Instrument :

MSVOA_N

ClientSampleId :

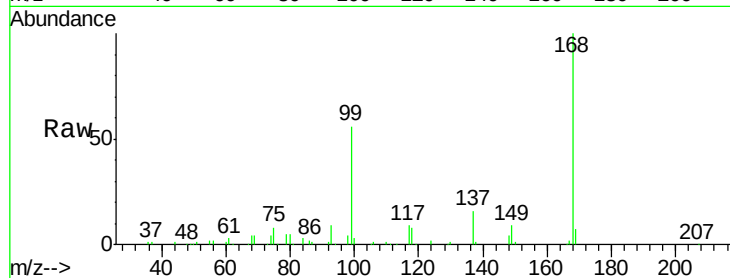
MW203D1-20200315

Tot Ion:168 Resp: 193145

Ion Ratio Lower Upper

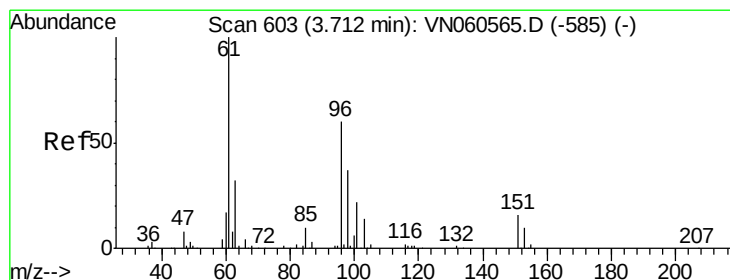
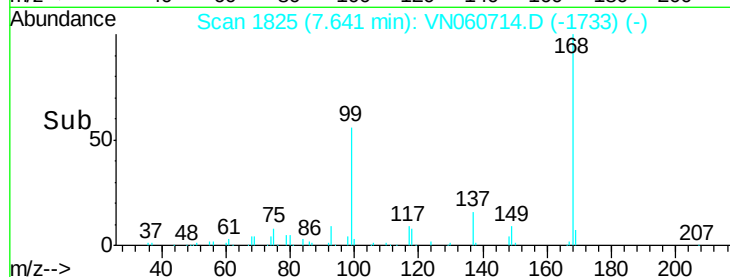
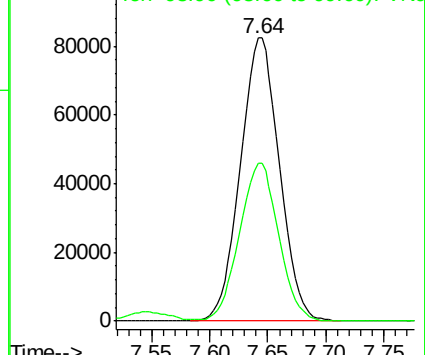
168 100

99 55.8 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#12

1,1-Dichloroethene

Concen: 6.541 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.01 min

Lab File: VN060714.D

Acq: 26 Mar 2020 15:04

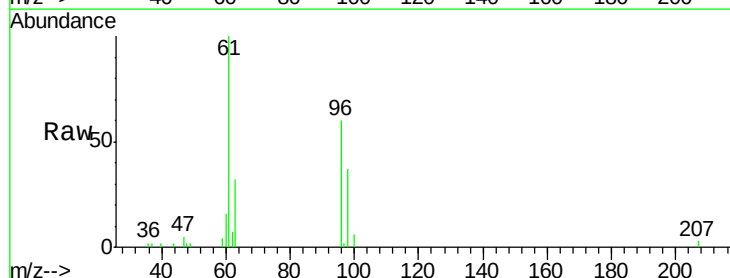
Tgt Ion: 96 Resp: 13679

Ion Ratio Lower Upper

96 100

61 166.1 134.1 201.1

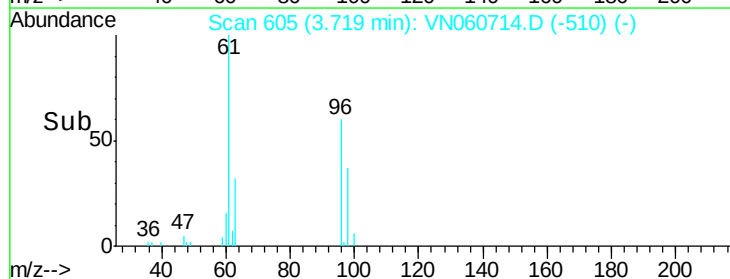
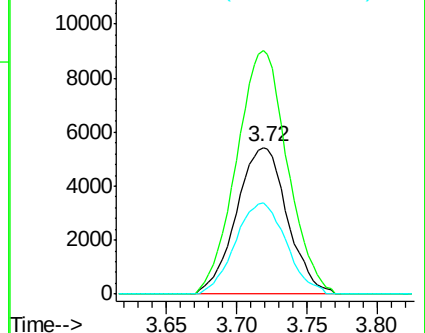
98 61.9 49.9 74.9

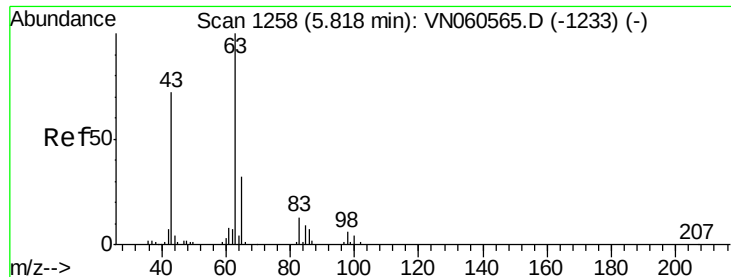


Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO

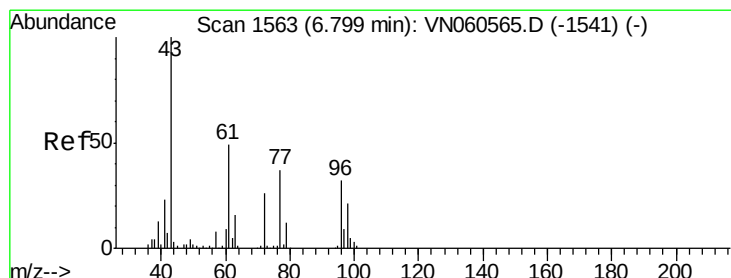
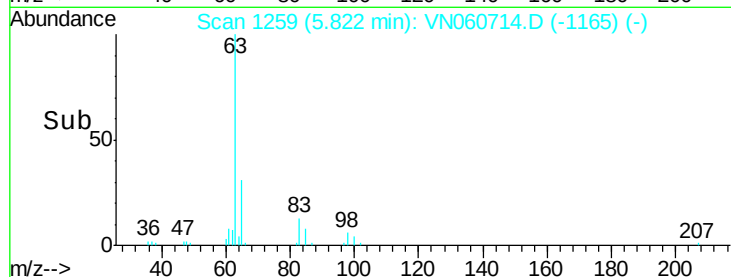
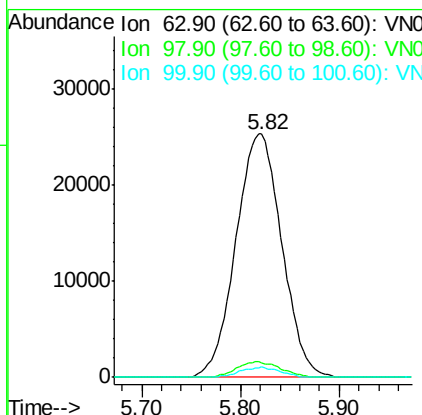
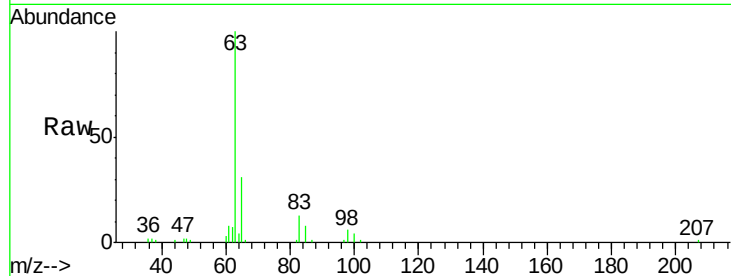




#24
 1,1-Dichloroethane
 Concen: 19.264 ug/l
 RT: 5.82 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VN060714.D
 Acq: 26 Mar 2020 15:04

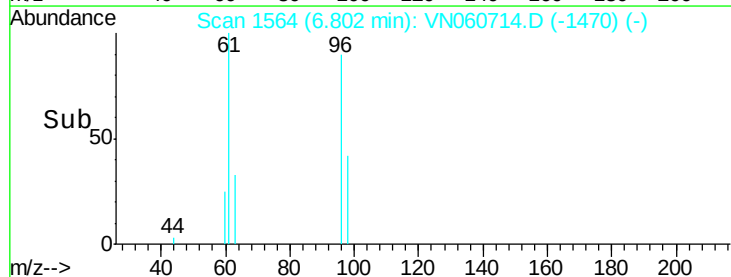
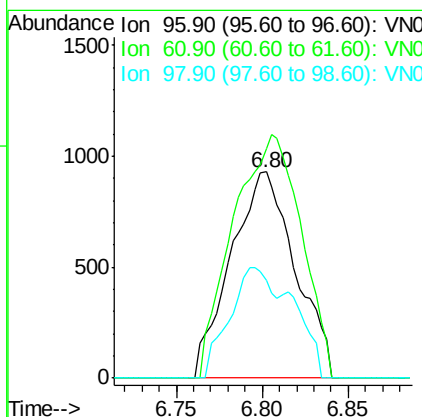
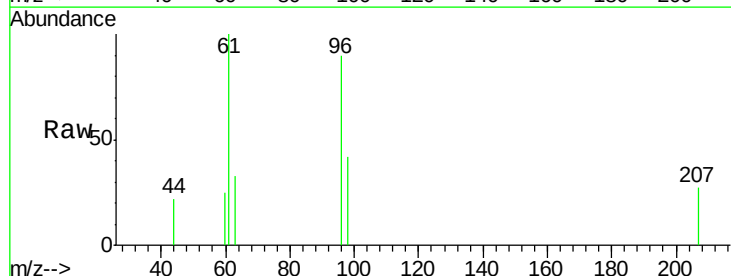
Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D1-20200315

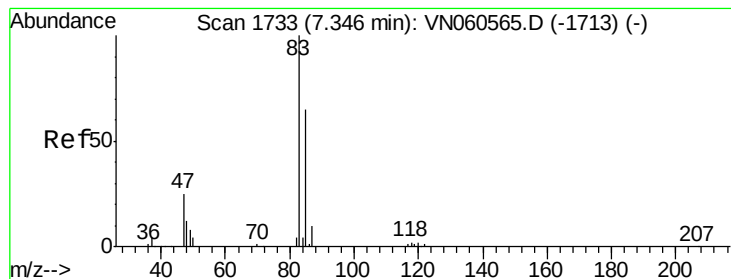
Tot Ion: 63 Resp: 81600
 Ion Ratio Lower Upper
 63 100
 98 6.0 2.9 8.7
 100 4.2 1.8 5.5



#27
 cis-1,2-Dichloroethene
 Concen: 0.955 ug/l
 RT: 6.80 min Scan# 1564
 Delta R.T. 0.00 min
 Lab File: VN060714.D
 Acq: 26 Mar 2020 15:04

Tgt Ion: 96 Resp: 2419
 Ion Ratio Lower Upper
 96 100
 61 125.0 0.0 305.6
 98 36.4 0.0 127.6





#30

Chloroform

Concen: 1.037 ug/l

RT: 7.35 min Scan# 1734

Delta R.T. 0.00 min

Lab File: VN060714.D

Acq: 26 Mar 2020 15:04

Instrument :

MSVOA_N

ClientSampleId :

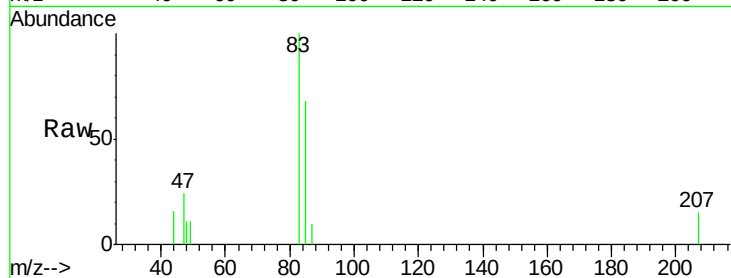
MW203D1-20200315

Tot Ion: 83 Resp: 4211

Ion Ratio Lower Upper

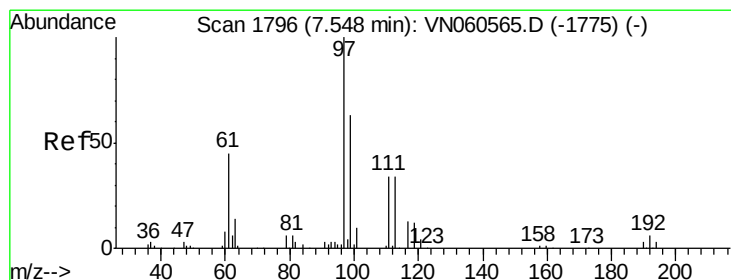
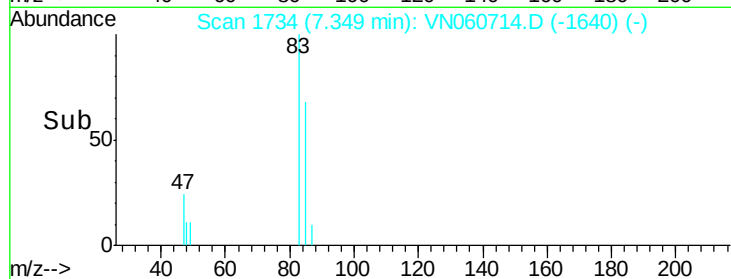
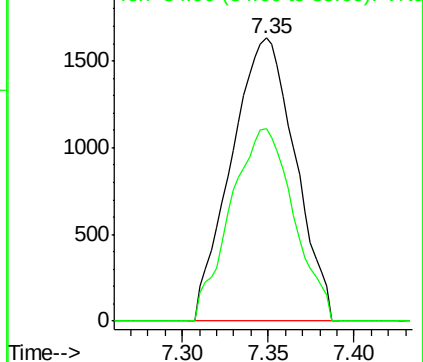
83 100

85 67.9 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0



#32

1,1,1-Trichloroethane

Concen: 3.168 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VN060714.D

Acq: 26 Mar 2020 15:04

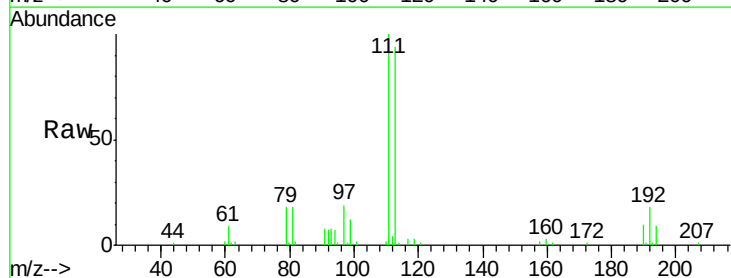
Tgt Ion: 97 Resp: 11091

Ion Ratio Lower Upper

97 100

99 64.6 50.6 75.8

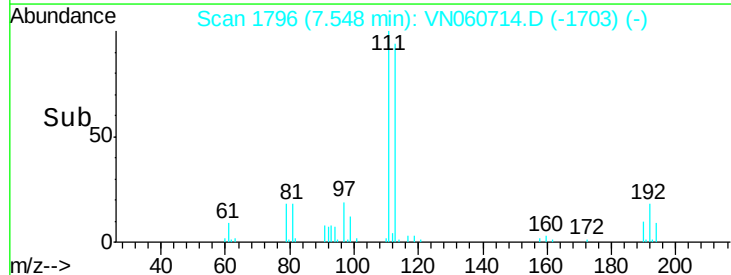
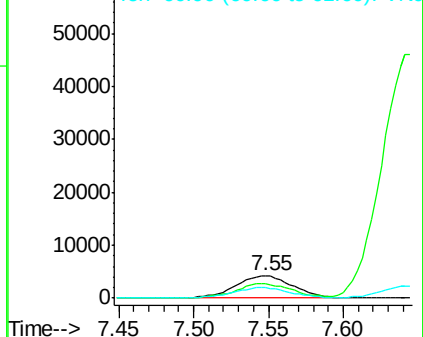
61 47.2 36.2 54.4

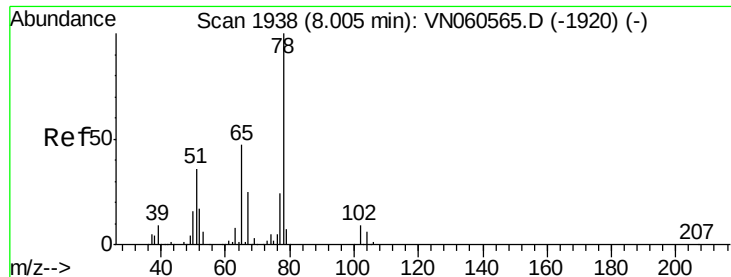


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

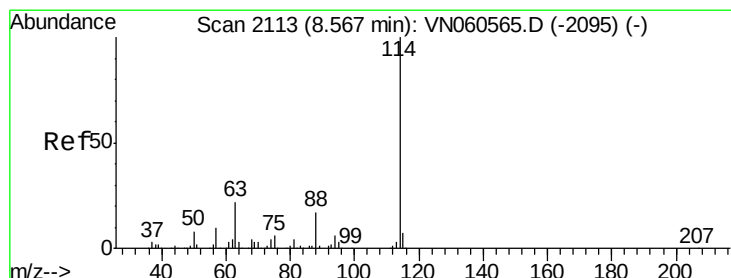
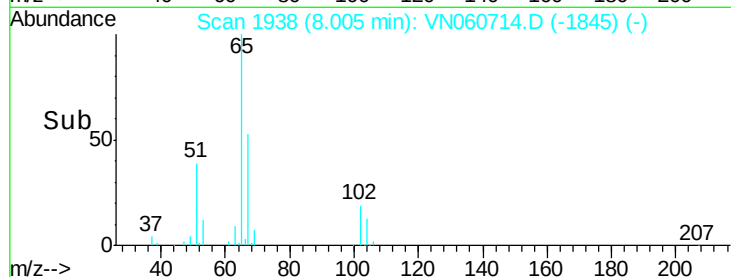
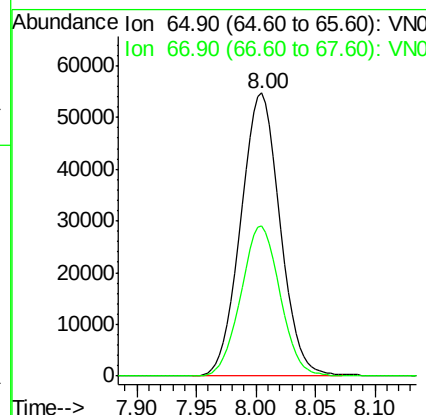
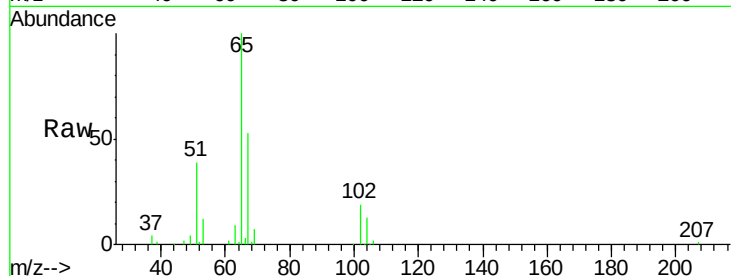




#33
 1,2-Dichloroethane-d4
 Concen: 47.257 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN060714.D
 Acq: 26 Mar 2020 15:04

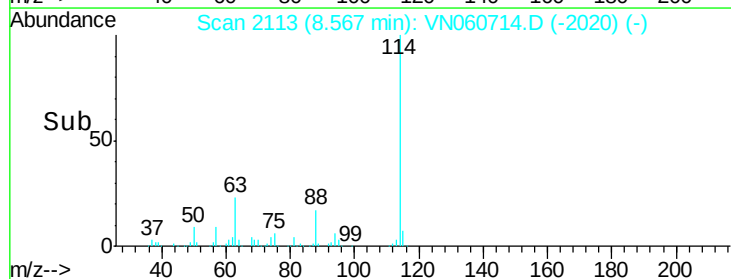
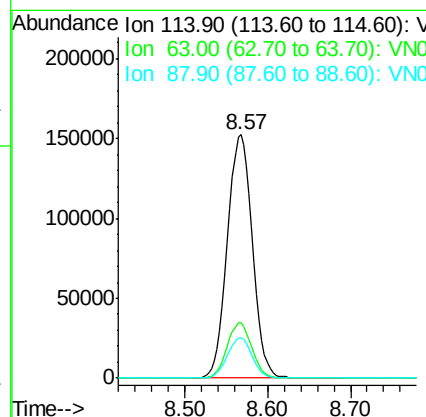
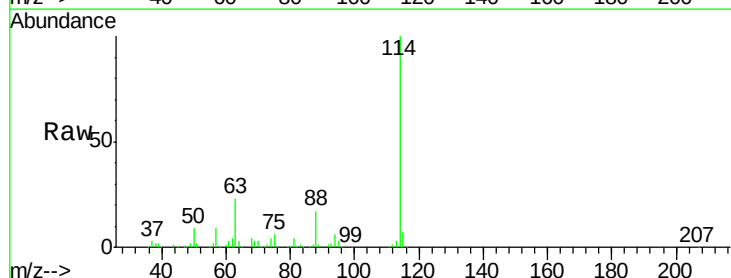
Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D1-20200315

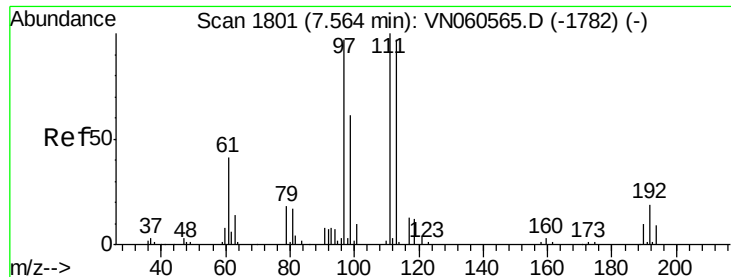
Tot Ion: 65 Resp: 125299
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060714.D
 Acq: 26 Mar 2020 15:04

Tgt Ion: 114 Resp: 319746
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 43.8
 88 16.6 0.0 33.0

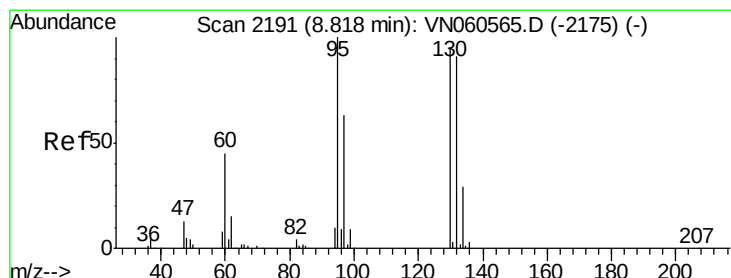
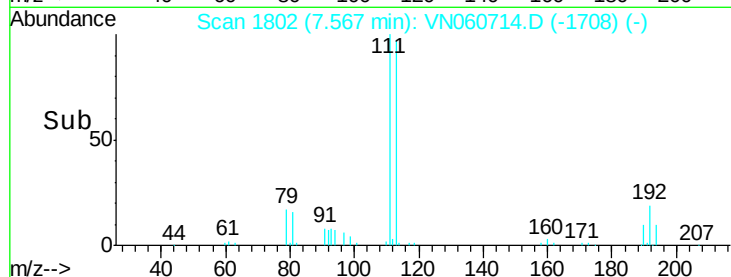
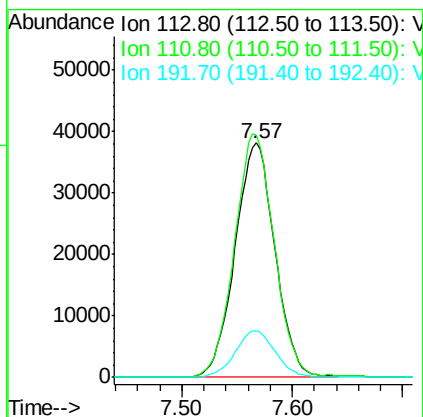
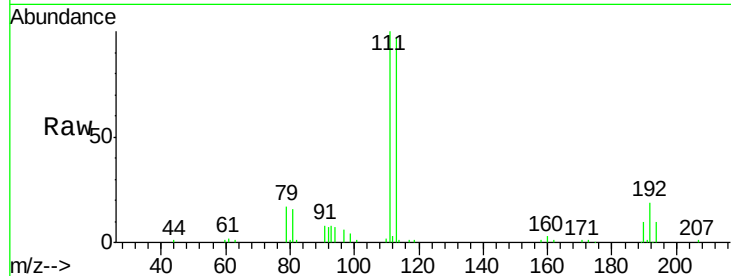




#35
 Dibromofluoromethane
 Concen: 49.365 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060714.D
 Acq: 26 Mar 2020 15:04

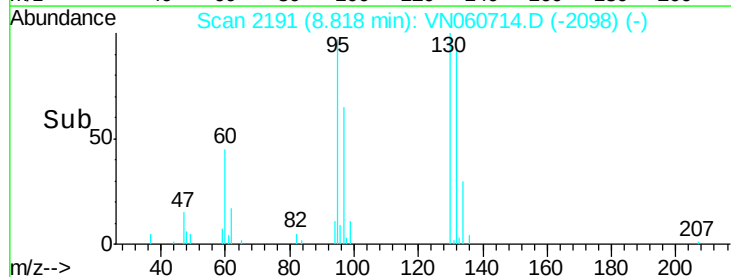
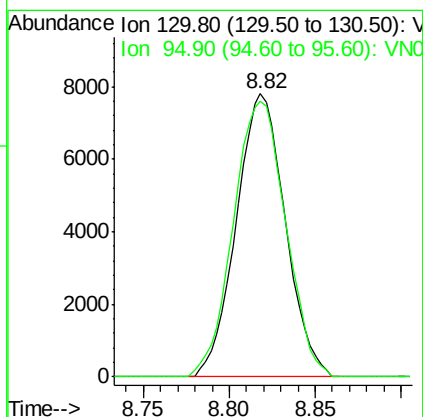
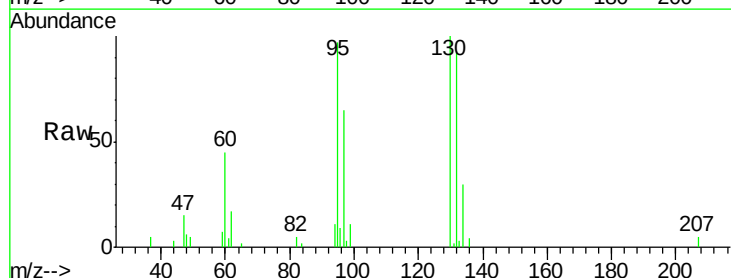
Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D1-20200315

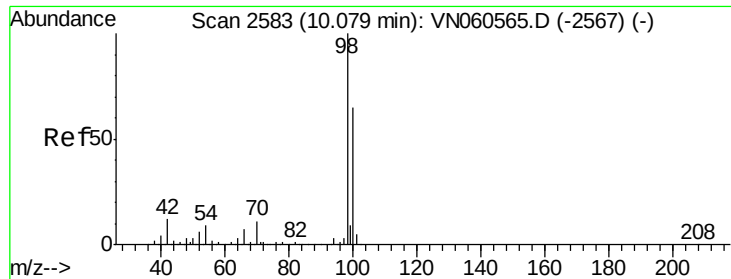
Tot Ion:113 Resp: 95443
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.9 124.3
 192 19.9 15.8 23.8



#44
 Trichloroethene
 Concen: 6.545 ug/l
 RT: 8.82 min Scan# 2191
 Delta R.T. 0.00 min
 Lab File: VN060714.D
 Acq: 26 Mar 2020 15:04

Tgt Ion:130 Resp: 15420
 Ion Ratio Lower Upper
 130 100
 95 97.4 0.0 211.2





#50

Toluene-d8

Concen: 49.689 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060714.D

Acq: 26 Mar 2020 15:04

Instrument :

MSVOA_N

ClientSampleId :

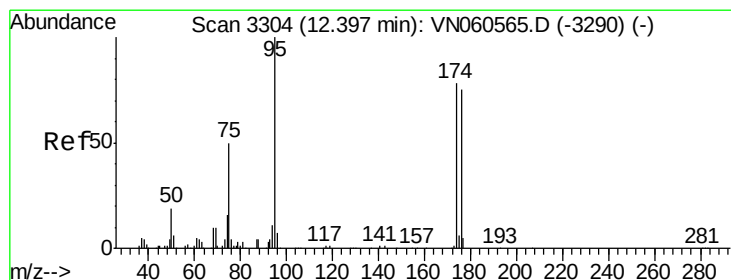
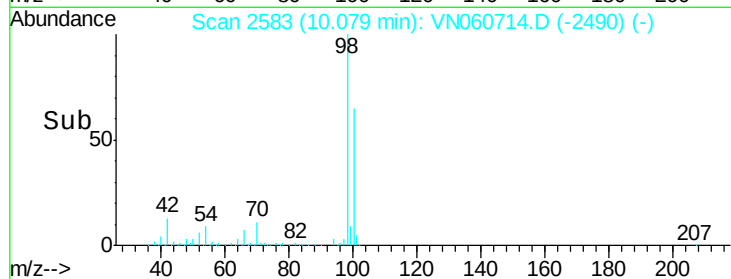
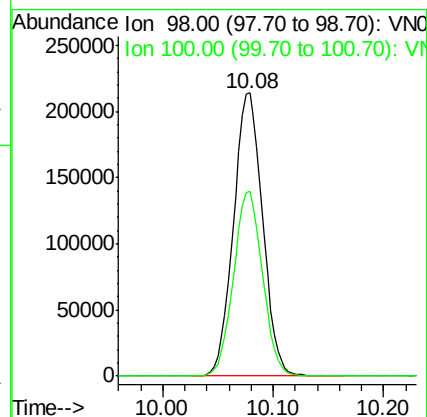
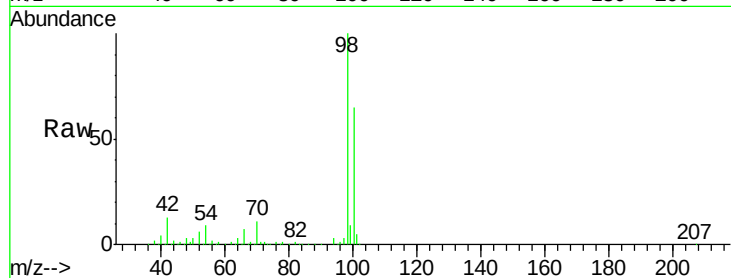
MW203D1-20200315

Tot Ion: 98 Resp: 392403

Ion Ratio Lower Upper

98 100

100 64.8 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 50.224 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060714.D

Acq: 26 Mar 2020 15:04

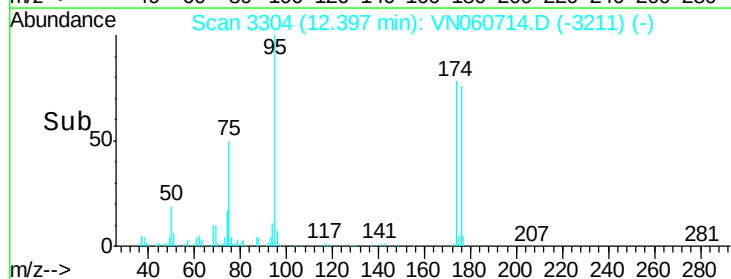
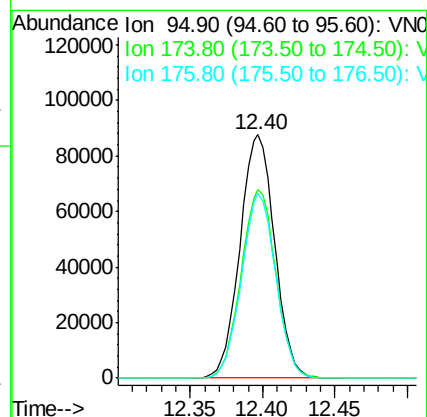
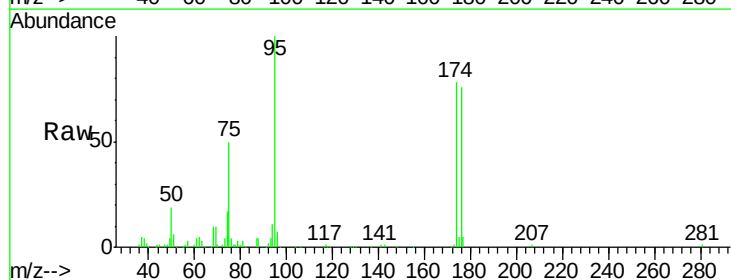
Tgt Ion: 95 Resp: 145358

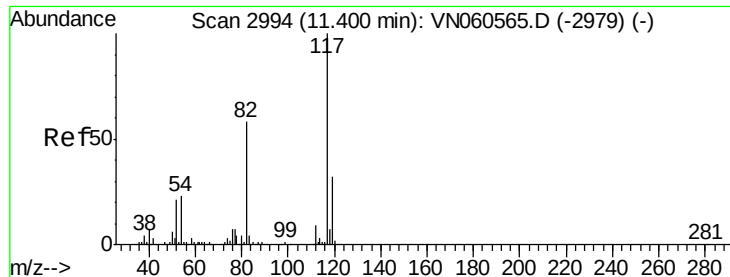
Ion Ratio Lower Upper

95 100

174 77.9 0.0 157.6

176 75.0 0.0 150.6

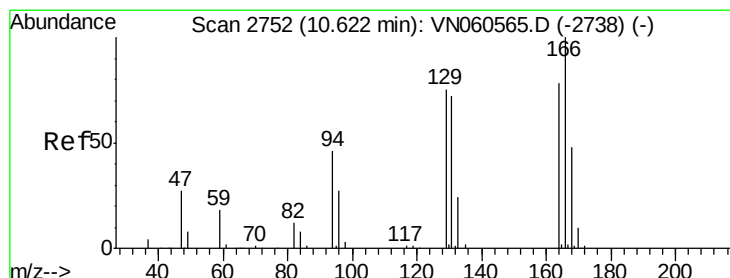
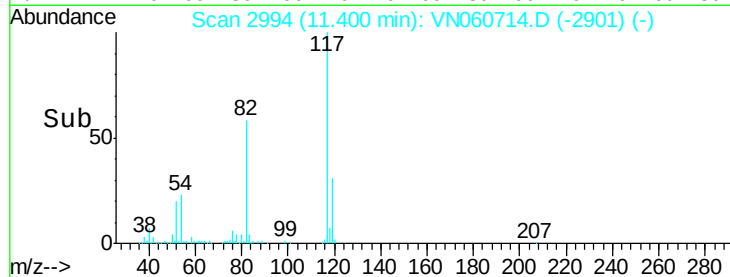
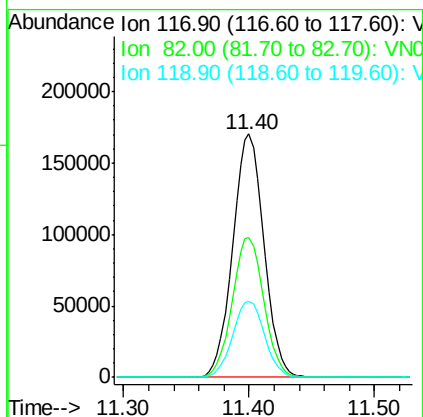
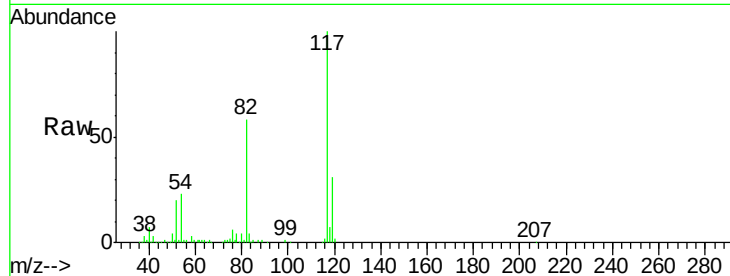




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN060714.D
Acq: 26 Mar 2020 15:04

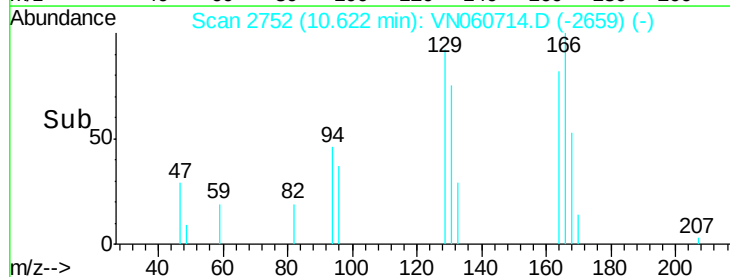
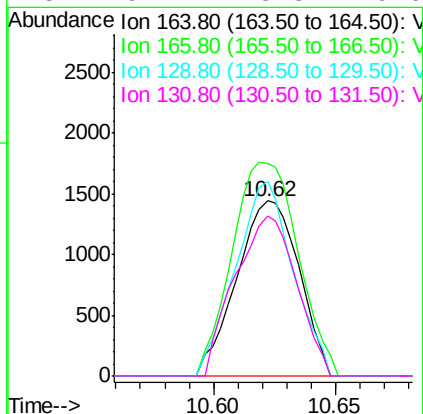
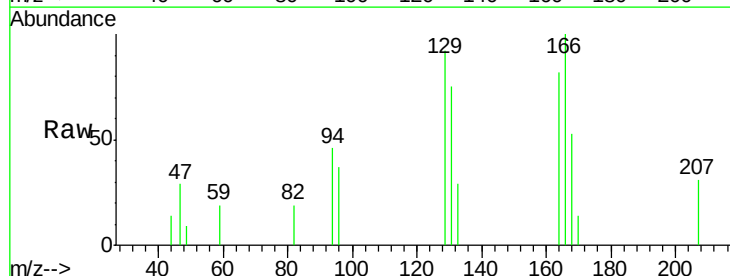
Instrument :
MSVOA_N
ClientSampleId :
MW203D1-20200315

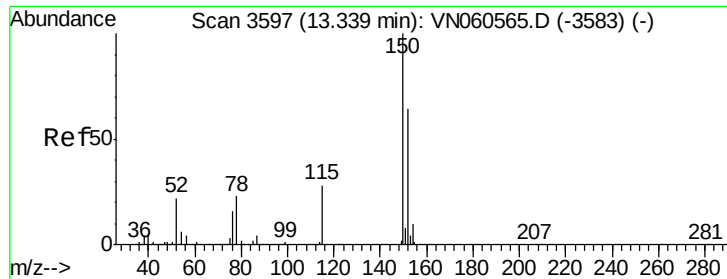
Tot Ion:117 Resp: 293867
Ion Ratio Lower Upper
117 100
82 57.5 46.7 70.1
119 31.4 25.5 38.3



#64
Tetrachloroethene
Concen: 1.099 ug/l
RT: 10.62 min Scan# 2752
Delta R.T. 0.00 min
Lab File: VN060714.D
Acq: 26 Mar 2020 15:04

Tgt Ion:164 Resp: 2542
Ion Ratio Lower Upper
164 100
166 121.5 102.7 154.1
129 111.5 77.2 115.8
131 91.4 73.8 110.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN060714.D

Acq: 26 Mar 2020 15:04

Instrument :

MSVOA_N

ClientSampleId :

MW203D1-20200315

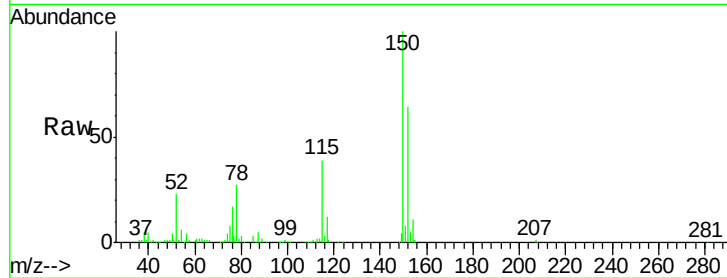
Tot Ion:152 Resp: 131994

Ion Ratio Lower Upper

152 100

115 60.4 30.2 90.6

150 157.8 0.0 350.2



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

