

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061920\
 Data File : VN061979.D
 Acq On : 20 Jun 2020 6:04
 Operator : JC/MD
 Sample : L3043-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT101D-20200616

Quant Time: Jun 23 12:04:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 17 01:19:44 2020
 Response via : Initial Calibration

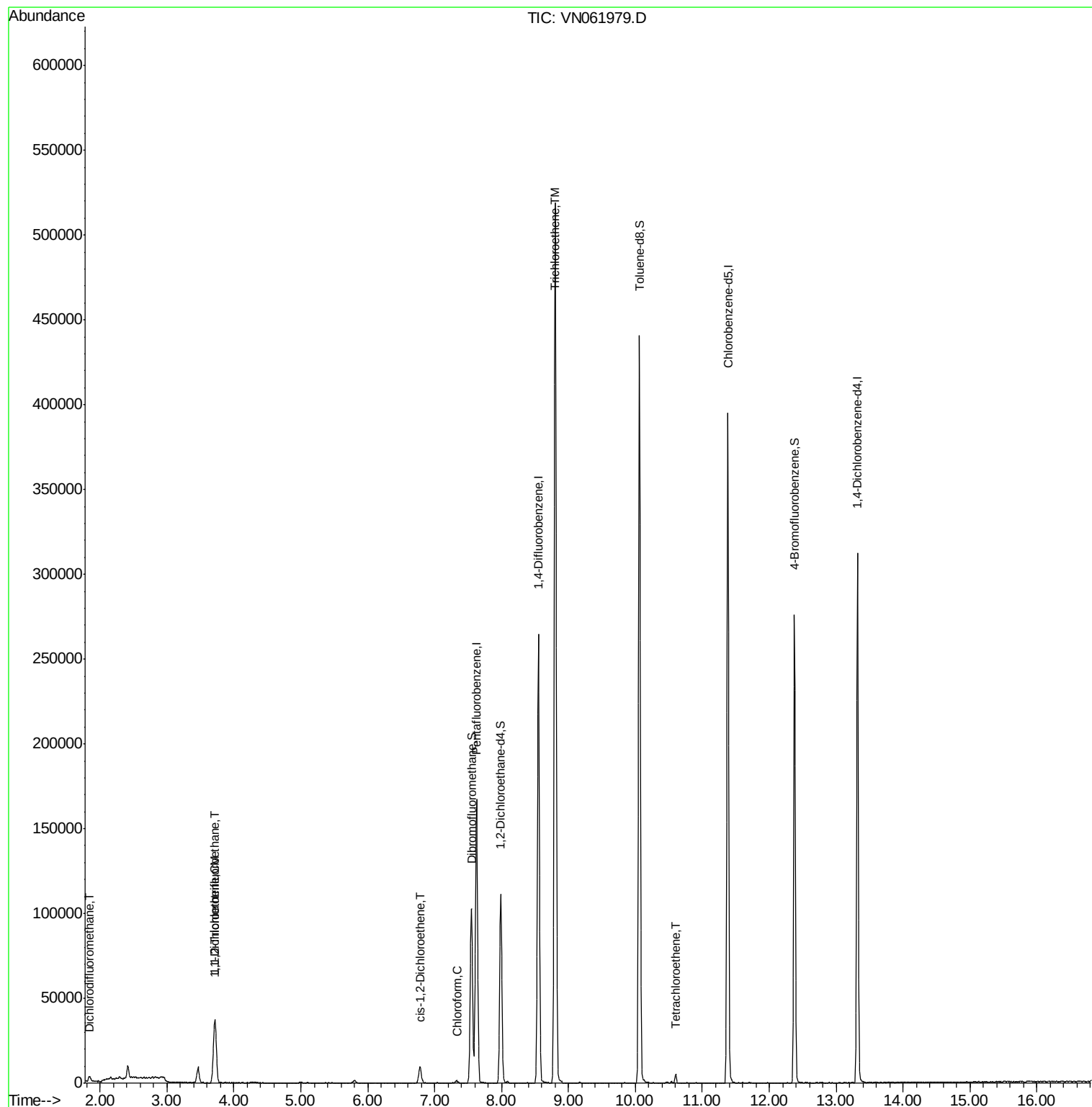
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	133909	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	245739	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	230708	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	83675	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	92812	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.36%	
35) Dibromofluoromethane	7.55	113	79671	50.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.36%	
50) Toluene-d8	10.06	98	309920	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
62) 4-Bromofluorobenzene	12.38	95	95783	45.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.36%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.83	85	2014	1.441	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	22423	16.513	ug/l	99
12) 1,1-Dichloroethene	3.70	96	4497	3.305	ug/l	83
27) cis-1,2-Dichloroethene	6.78	96	6542	3.628	ug/l	91
30) Chloroform	7.33	83	1695	0.587	ug/l	92
44) Trichloroethene	8.80	130	194422	108.805	ug/l	99
64) Tetrachloroethene	10.61	164	1135	0.772	ug/l #	83

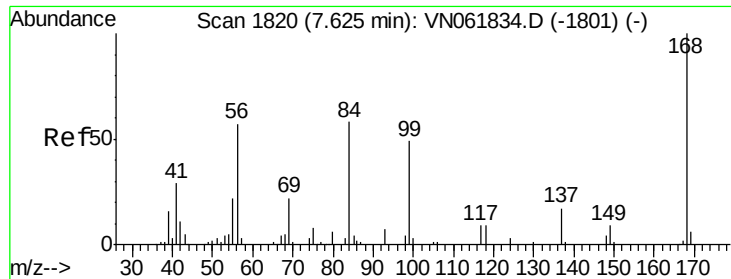
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN061920\
Data File : VN061979.D
Acq On : 20 Jun 2020 6:04
Operator : JC/MD
Sample : L3043-09
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TT101D-20200616

Quant Time: Jun 23 12:04:32 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N061620W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 17 01:19:44 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061979.D

Acq: 20 Jun 2020 6:04

Instrument :

MSVOA_N

ClientSampleId :

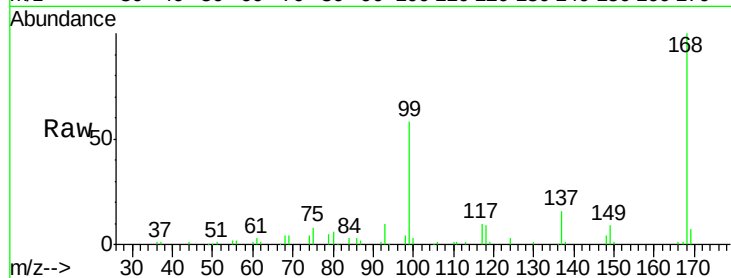
TT101D-20200616

Tot Ion:168 Resp: 133909

Ion Ratio Lower Upper

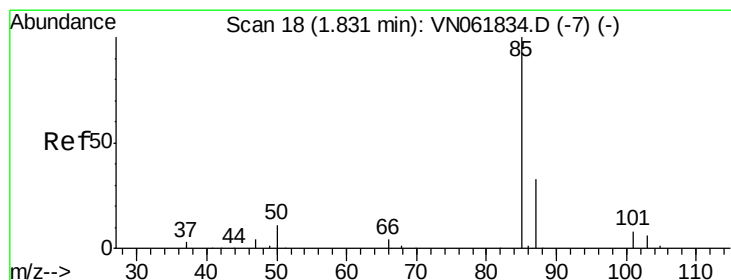
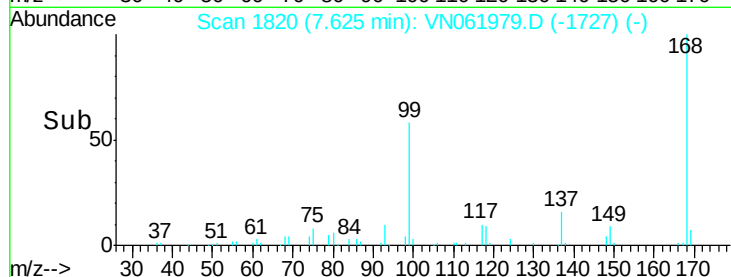
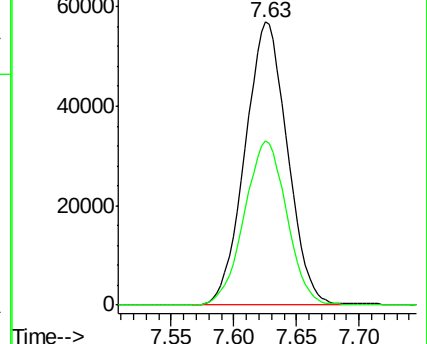
168 100

99 58.0 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 1.441 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061979.D

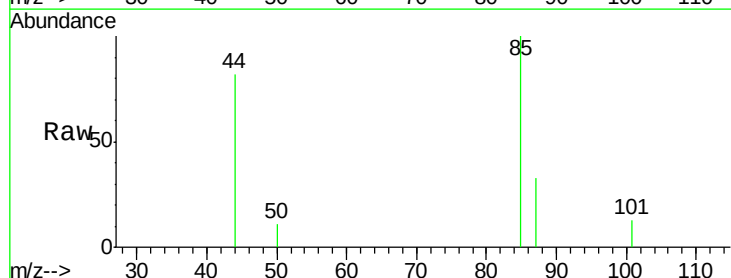
Acq: 20 Jun 2020 6:04

Tgt Ion: 85 Resp: 2014

Ion Ratio Lower Upper

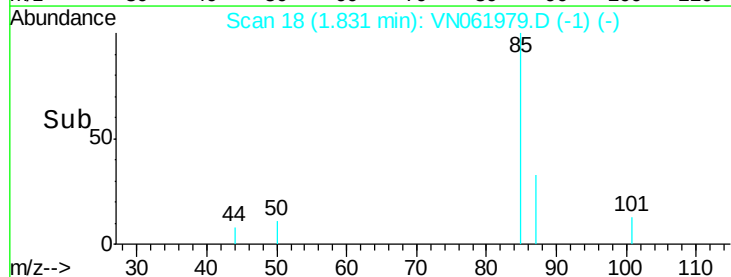
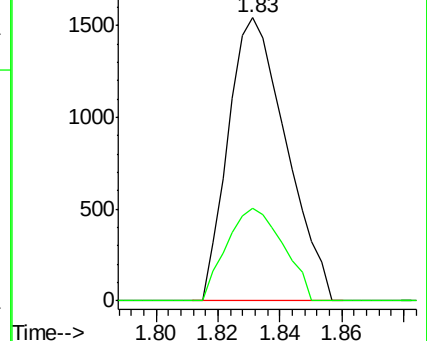
85 100

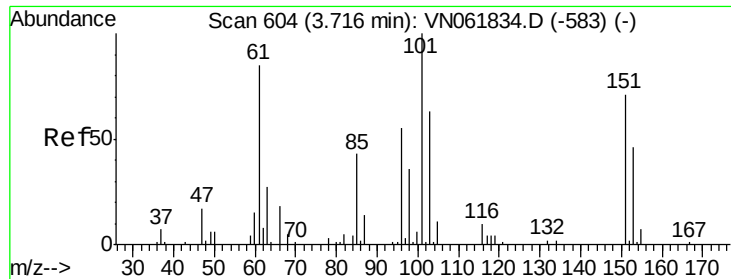
87 32.5 16.6 49.8



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.513 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN061979.D

Acq: 20 Jun 2020 6:04

Instrument :

MSVOA_N

ClientSampleId :

TT101D-20200616

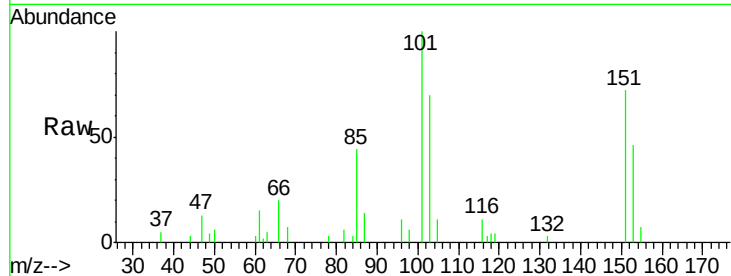
Tot Ion:101 Resp: 22423

Ion Ratio Lower Upper

101 100

85 44.2 35.0 52.6

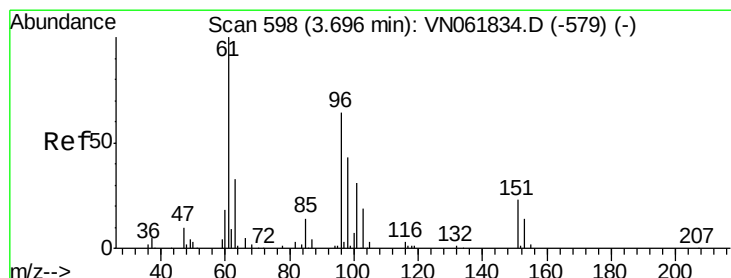
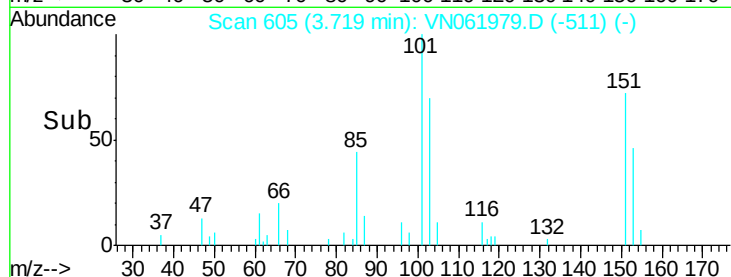
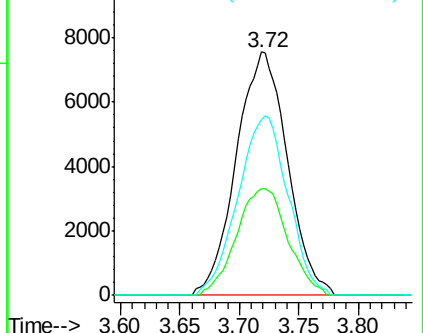
151 72.4 59.2 88.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VNO

Ion 150.80 (150.50 to 151.50): V



#12

1,1-Dichloroethene

Concen: 3.305 ug/l

RT: 3.70 min Scan# 599

Delta R.T. 0.00 min

Lab File: VN061979.D

Acq: 20 Jun 2020 6:04

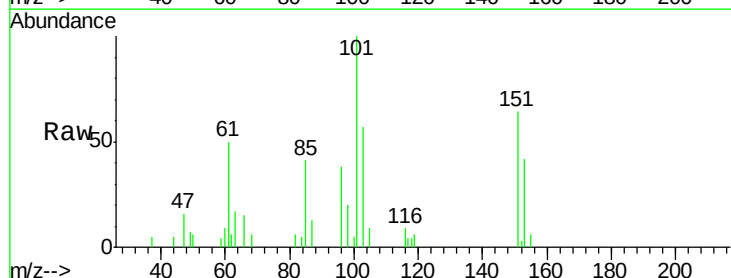
Tgt Ion: 96 Resp: 4497

Ion Ratio Lower Upper

96 100

61 132.3 124.3 186.5

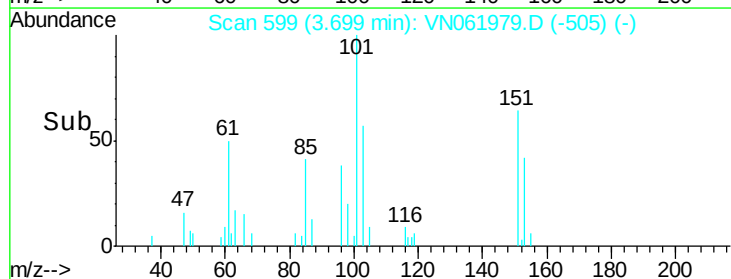
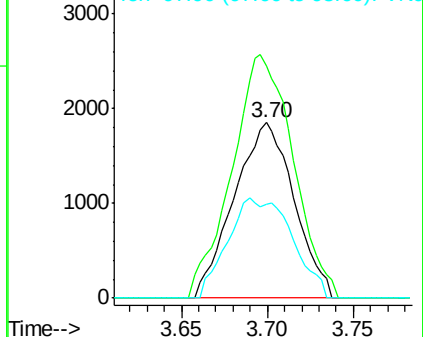
98 53.3 53.1 79.7

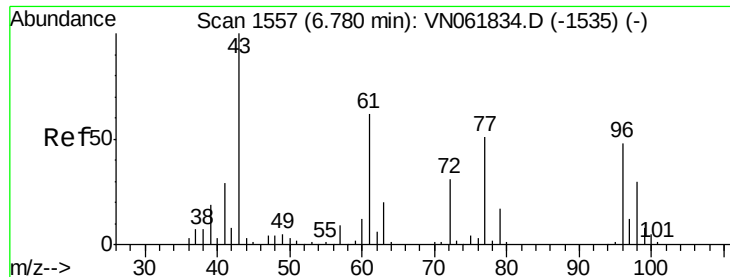


Abundance Ion 95.90 (95.60 to 96.60): VNO

Ion 60.90 (60.60 to 61.60): VNO

Ion 97.90 (97.60 to 98.60): VNO

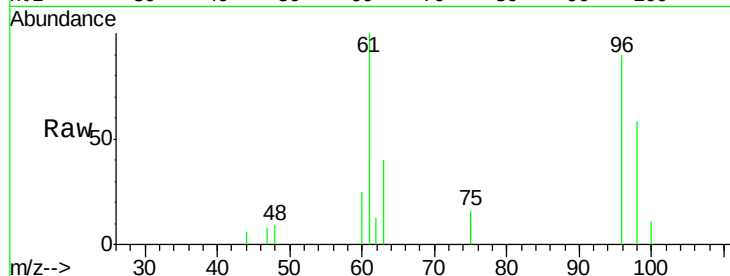




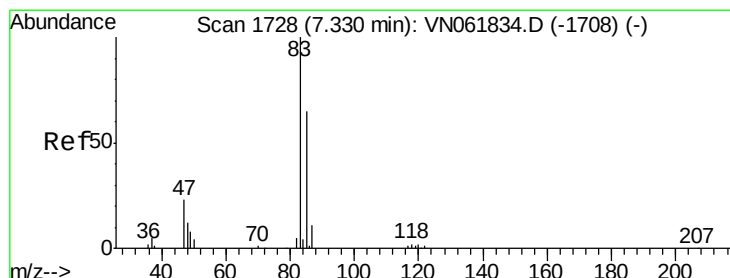
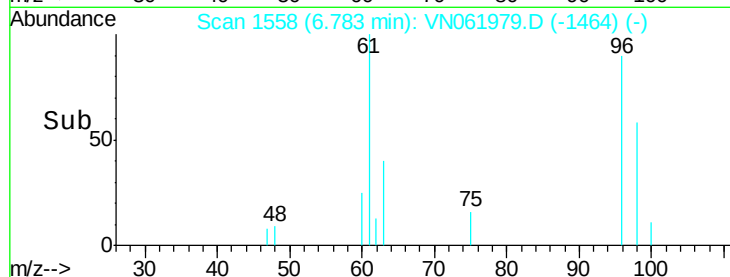
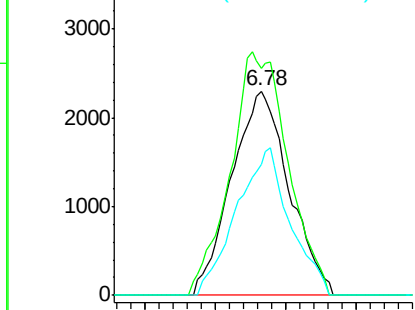
#27
 cis-1,2-Dichloroethene
 Concen: 3.628 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. 0.00 min
 Lab File: VN061979.D
 Acq: 20 Jun 2020 6:04

Instrument :
 MSVOA_N
 ClientSampleId :
 TT101D-20200616

Tot Ion: 96 Resp: 6542
 Ion Ratio Lower Upper
 96 100
 61 119.2 0.0 265.6
 98 66.9 0.0 128.2

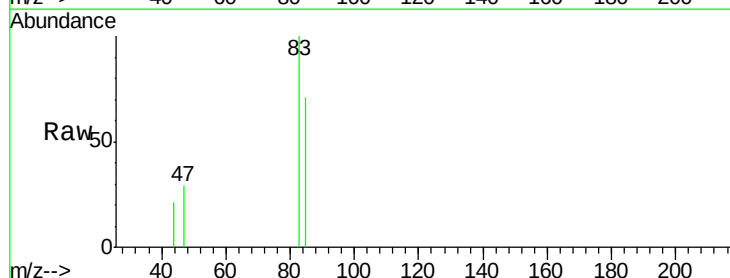


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

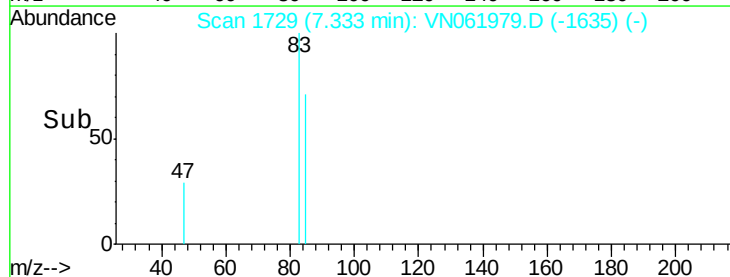
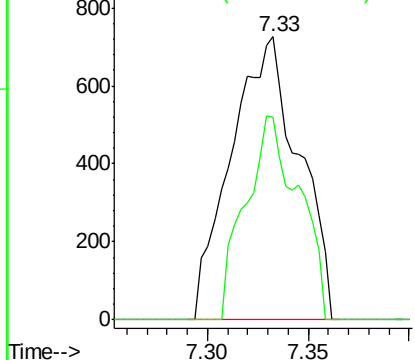


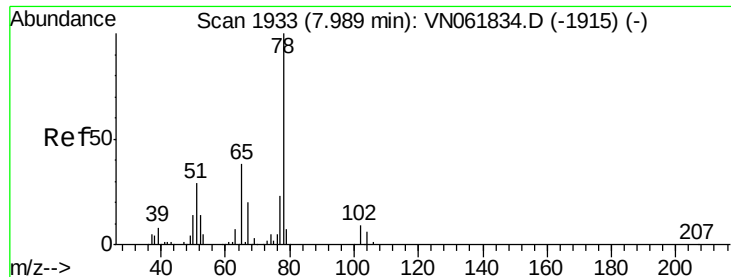
#30
 Chloroform
 Concen: 0.587 ug/l
 RT: 7.33 min Scan# 1729
 Delta R.T. 0.00 min
 Lab File: VN061979.D
 Acq: 20 Jun 2020 6:04

Tgt Ion: 83 Resp: 1695
 Ion Ratio Lower Upper
 83 100
 85 71.5 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0

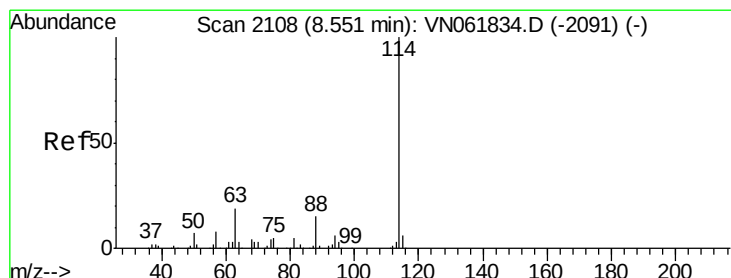
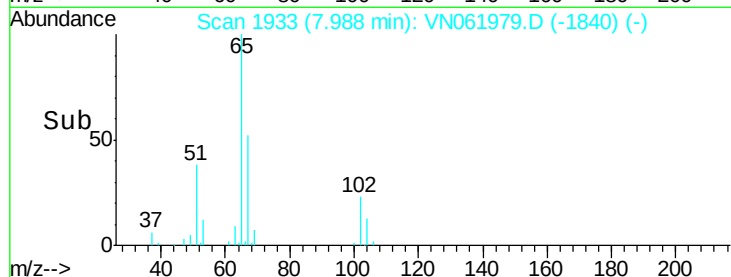
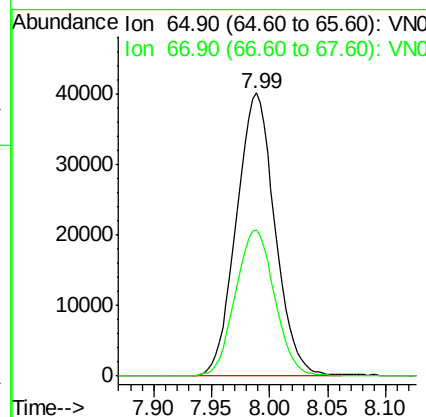
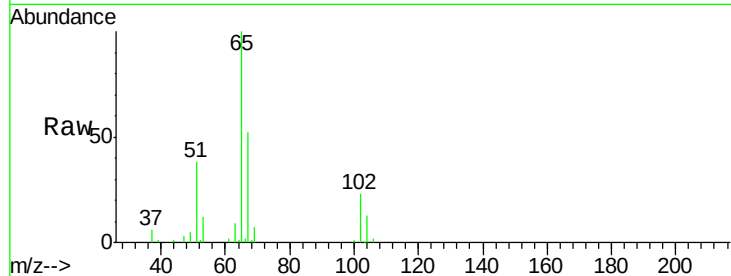




#33
 1,2-Dichloroethane-d4
 Concen: 51.679 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN061979.D
 Acq: 20 Jun 2020 6:04

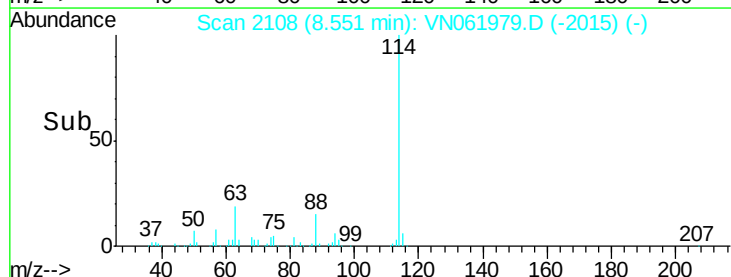
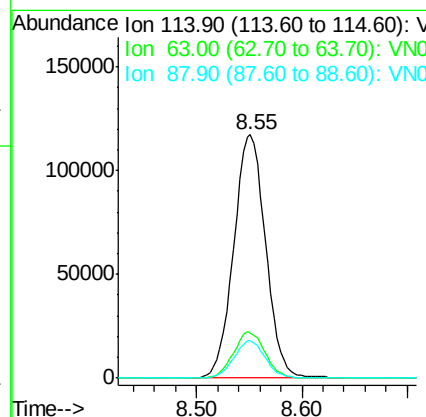
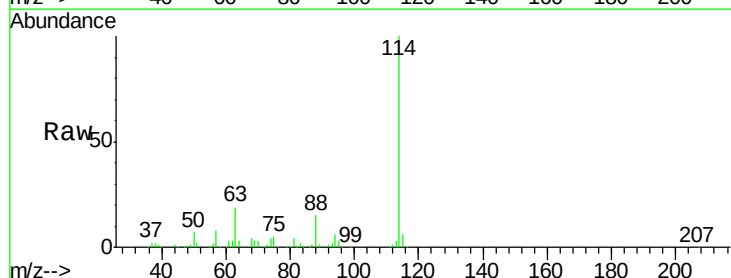
Instrument :
 MSVOA_N
 ClientSampleId :
 TT101D-20200616

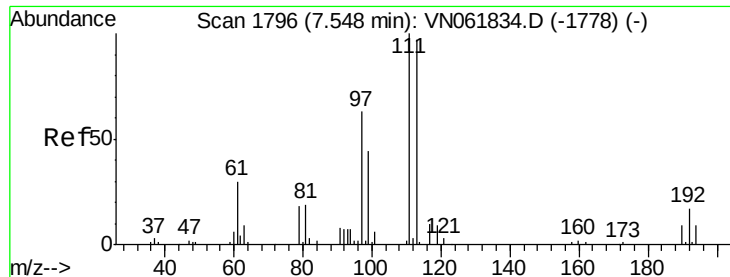
Tot Ion: 65 Resp: 92812
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061979.D
 Acq: 20 Jun 2020 6:04

Tgt Ion: 114 Resp: 245739
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 37.6
 88 15.3 0.0 31.0

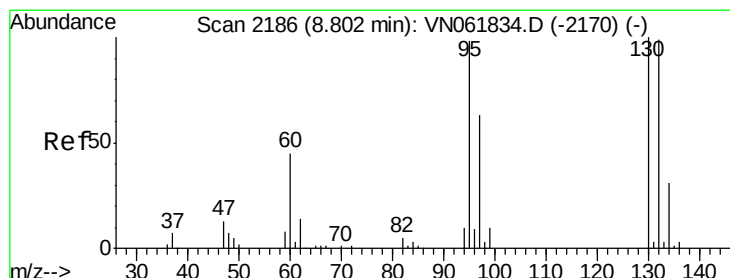
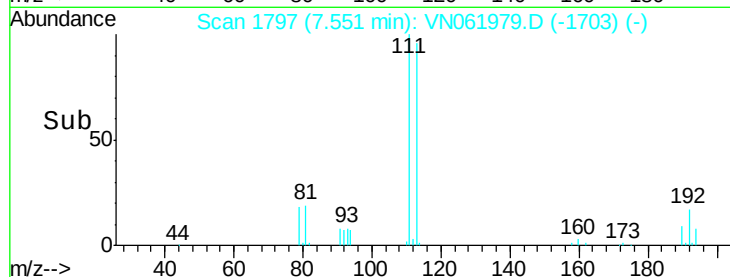
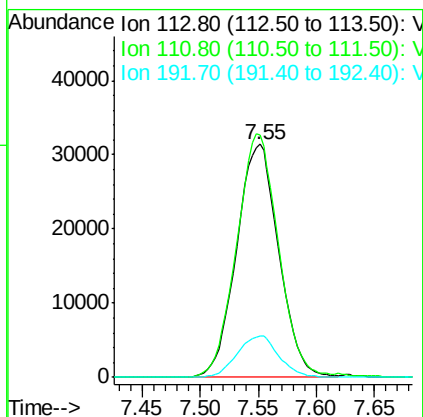
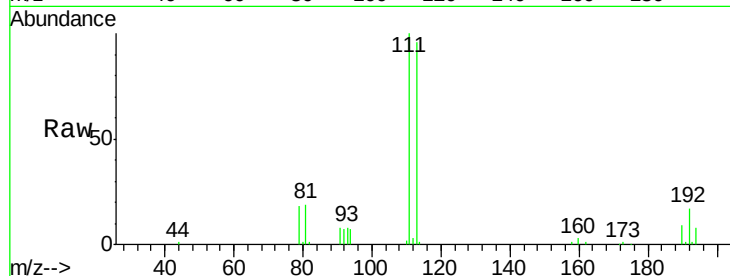




#35
Dibromofluoromethane
Concen: 50.678 ug/l
RT: 7.55 min Scan# 1797
Delta R.T. 0.00 min
Lab File: VN061979.D
Acq: 20 Jun 2020 6:04

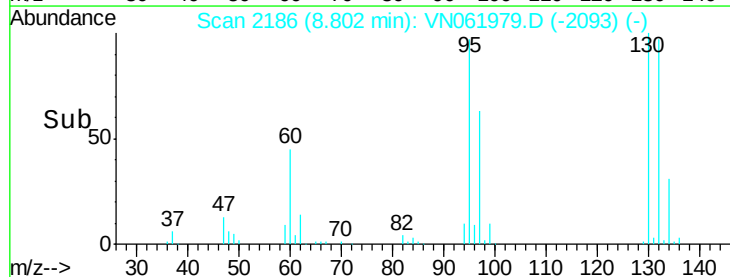
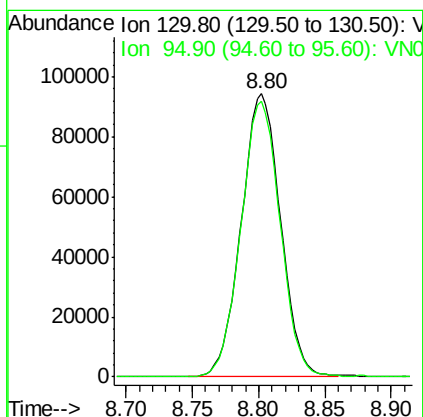
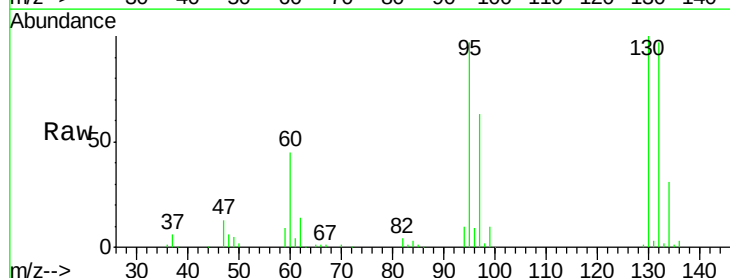
Instrument :
MSVOA_N
ClientSampleId :
TT101D-20200616

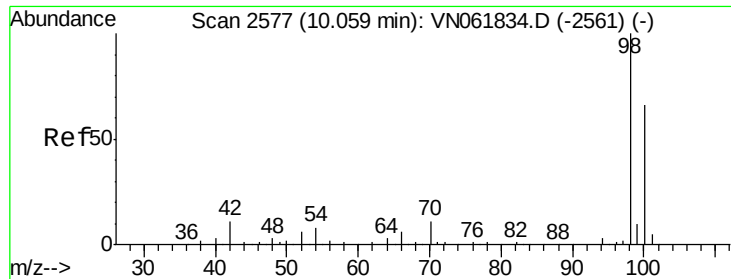
Tot Ion:113 Resp: 79671
Ion Ratio Lower Upper
113 100
111 102.9 83.7 125.5
192 17.3 13.9 20.9



#44
Trichloroethene
Concen: 108.805 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN061979.D
Acq: 20 Jun 2020 6:04

Tgt Ion:130 Resp: 194422
Ion Ratio Lower Upper
130 100
95 97.3 0.0 195.6





#50

Toluene-d8

Concen: 50.144 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061979.D

Acq: 20 Jun 2020 6:04

Instrument :

MSVOA_N

ClientSampleId :

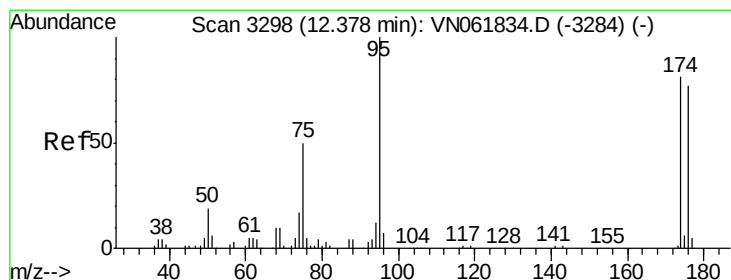
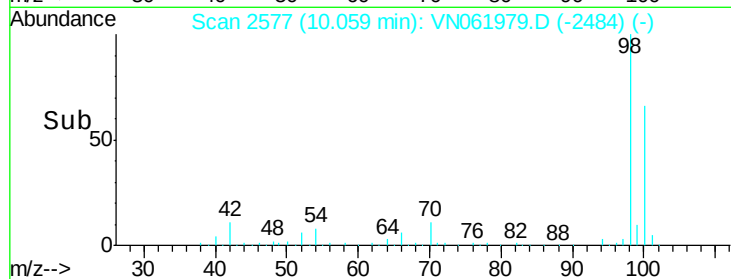
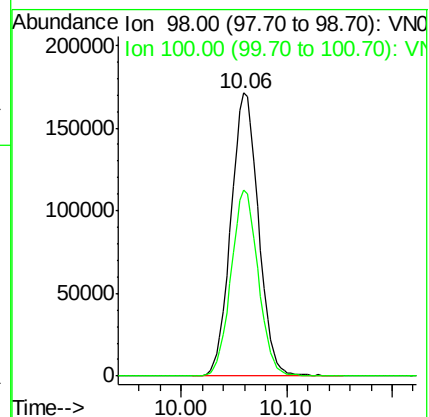
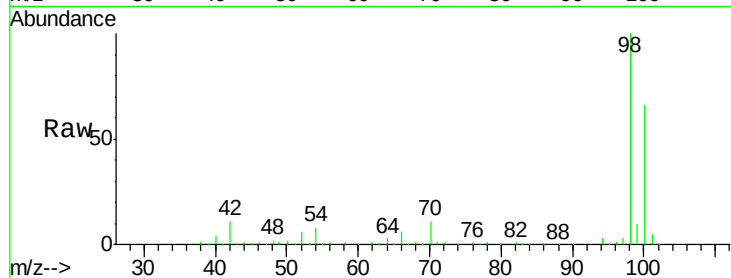
TT101D-20200616

Tot Ion: 98 Resp: 309920

Ion Ratio Lower Upper

98 100

100 64.6 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 45.180 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. -0.00 min

Lab File: VN061979.D

Acq: 20 Jun 2020 6:04

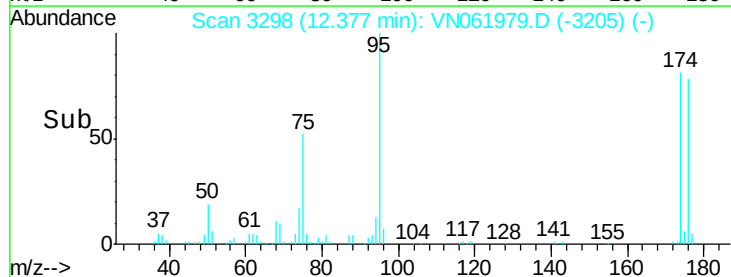
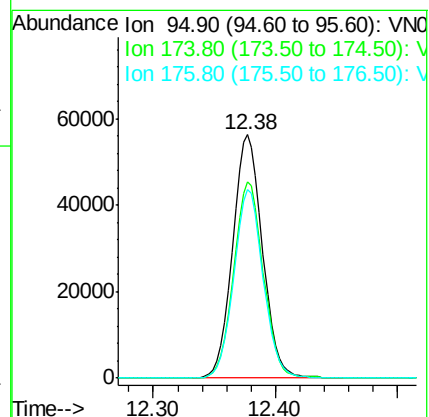
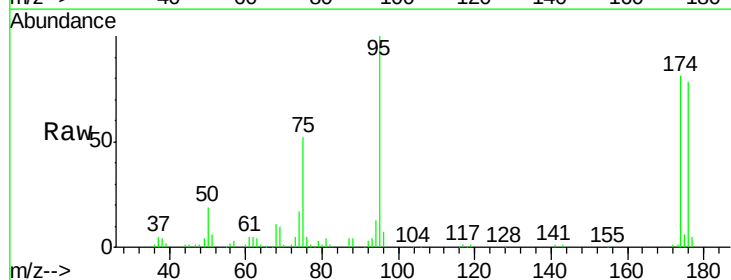
Tgt Ion: 95 Resp: 95783

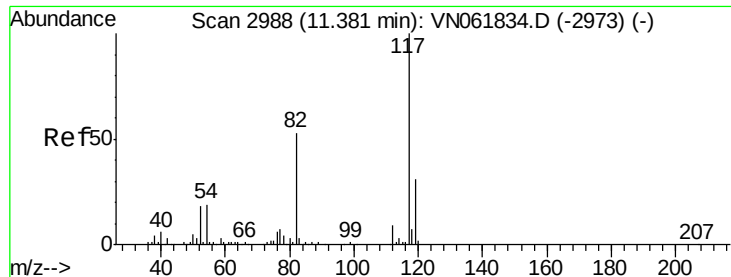
Ion Ratio Lower Upper

95 100

174 80.3 0.0 158.6

176 76.2 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN061979.D

Acq: 20 Jun 2020 6:04

Instrument :

MSVOA_N

ClientSampleId :

TT101D-20200616

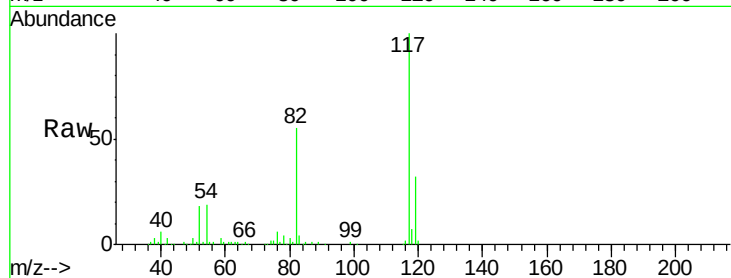
Tot Ion:117 Resp: 230708

Ion Ratio Lower Upper

117 100

82 55.4 42.6 64.0

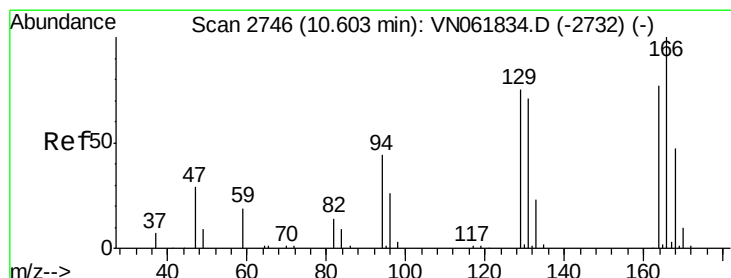
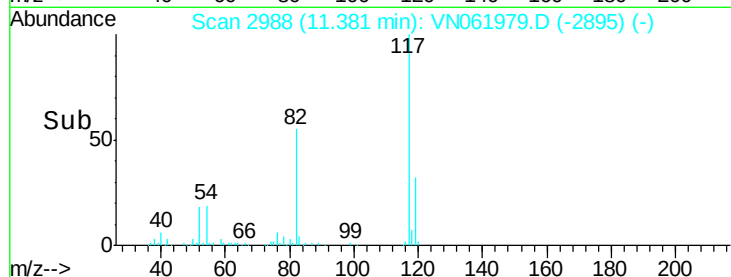
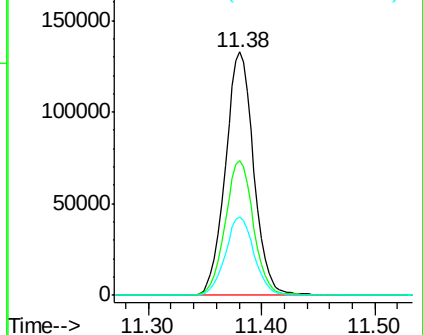
119 32.4 24.7 37.1



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



#64

Tetrachloroethene

Concen: 0.772 ug/l

RT: 10.61 min Scan# 2747

Delta R.T. 0.00 min

Lab File: VN061979.D

Acq: 20 Jun 2020 6:04

Tgt Ion:164 Resp: 1135

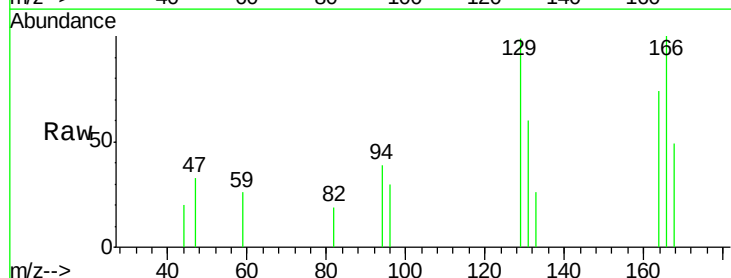
Ion Ratio Lower Upper

164 100

166 135.7 103.5 155.3

129 134.2 77.5 116.3#

131 81.0 73.8 110.8

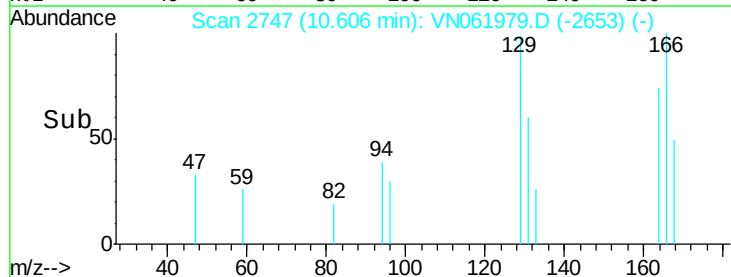
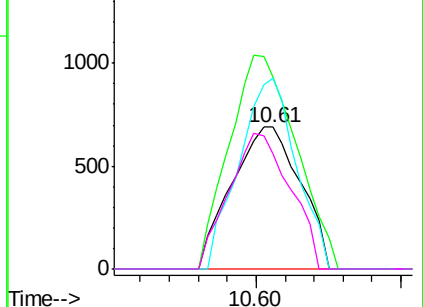


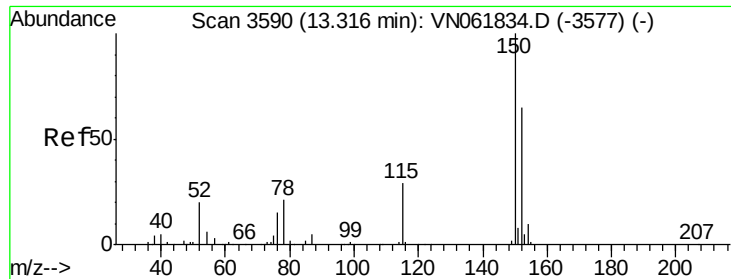
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061979.D

Acq: 20 Jun 2020 6:04

Instrument :

MSVOA_N

ClientSampleId :

TT101D-20200616

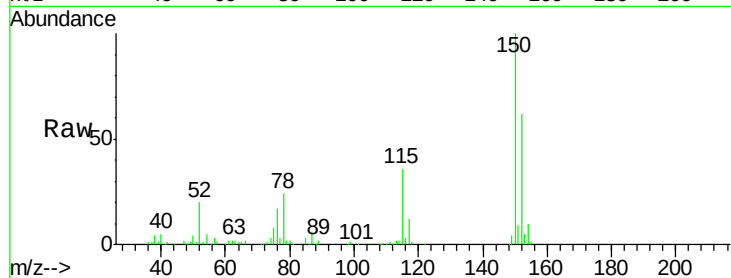
Tot Ion:152 Resp: 83675

Ion Ratio Lower Upper

152 100

115 59.4 29.1 87.3

150 159.0 0.0 347.6



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

