

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061120\
 Data File : VN061776.D
 Acq On : 12 Jun 2020 8:01
 Operator : JC/MD
 Sample : L2810-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-060920

Quant Time: Jun 12 09:08:07 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

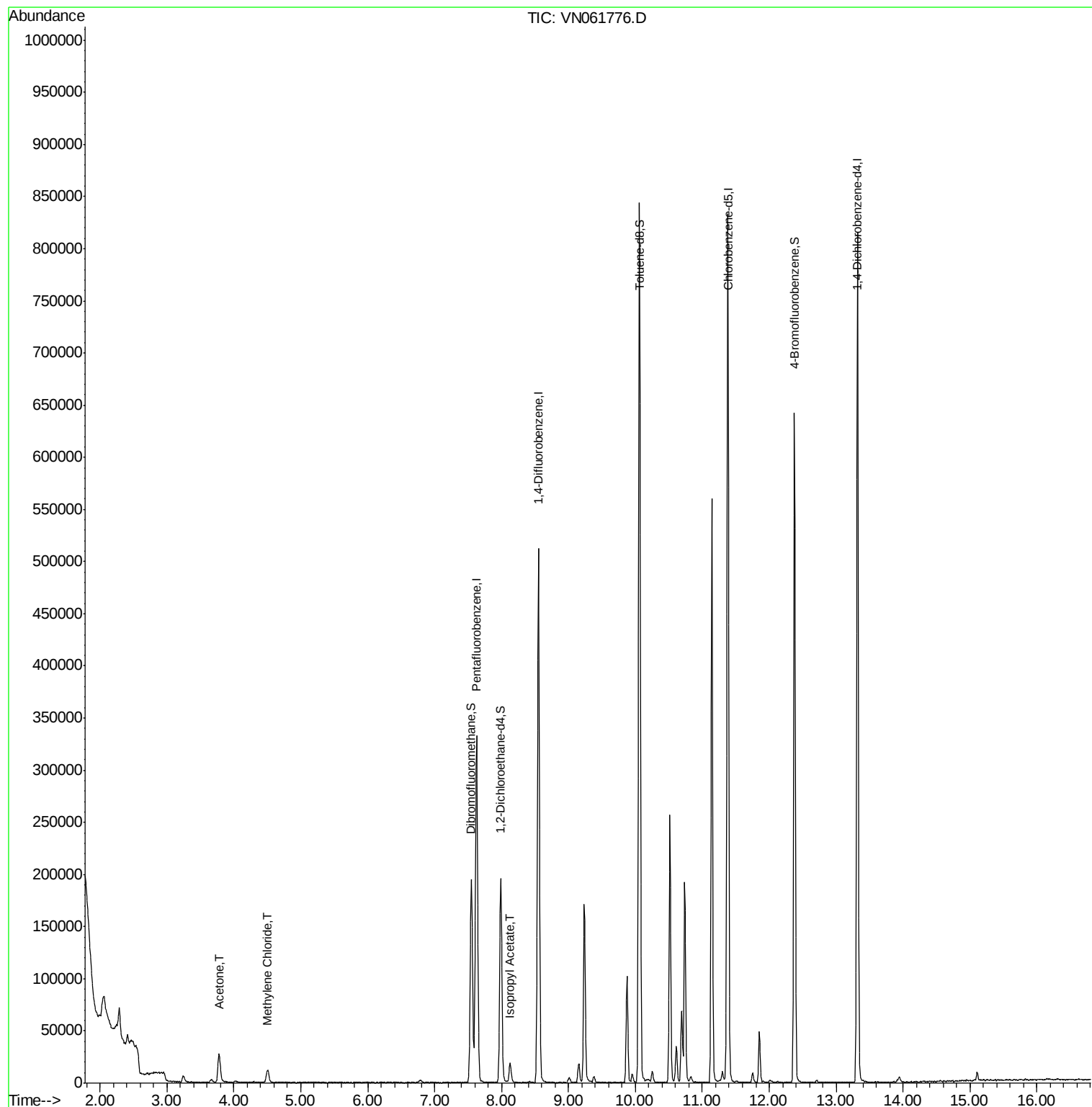
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	291056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	491789	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	519351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	234282	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	163365	47.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.22%	
35) Dibromofluoromethane	7.55	113	147822	59.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.50%	
50) Toluene-d8	10.06	98	608927	52.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.34%	
62) 4-Bromofluorobenzene	12.38	95	218397	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.56%	
Target Compounds						
16) Acetone	3.78	43	44978	41.901	ug/l	97
20) Methylene Chloride	4.51	84	9808	1.422	ug/l	94
43) Isopropyl Acetate	8.13	43	20943	3.320	ug/l #	89

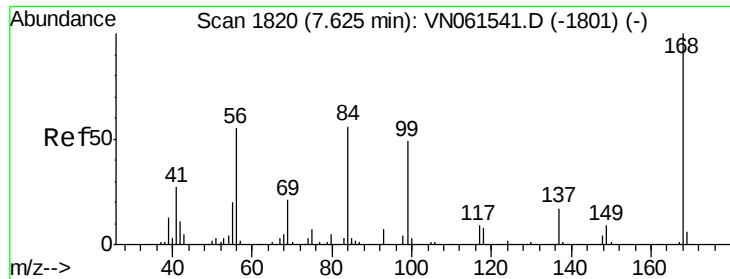
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN061776.D

Acq: 12 Jun 2020 8:01

Instrument :

MSVOA_N

ClientSampled :

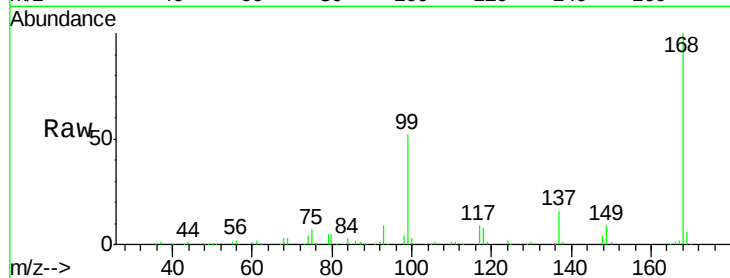
CL-02-060920

Tot Ion:168 Resp: 291056

Ion Ratio Lower Upper

168 100

99 52.1 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

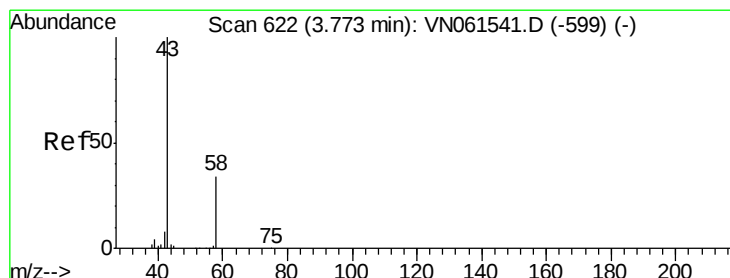
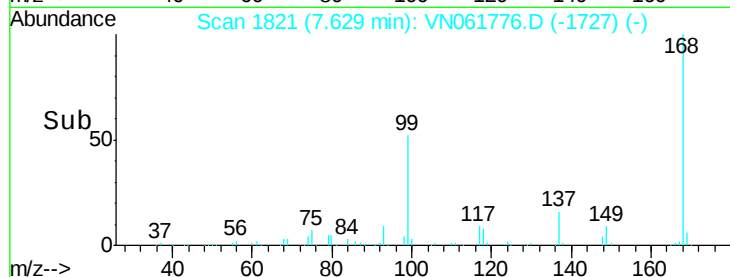
7.63

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 41.901 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN061776.D

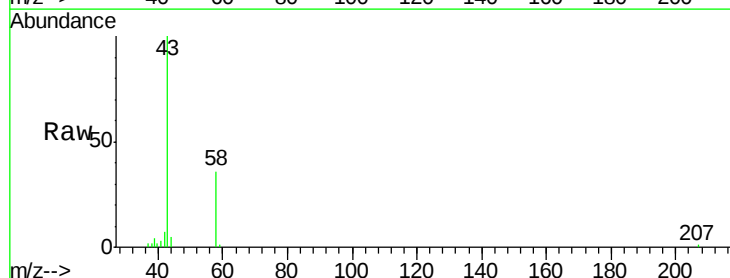
Acq: 12 Jun 2020 8:01

Tgt Ion: 43 Resp: 44978

Ion Ratio Lower Upper

43 100

58 35.8 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

20000

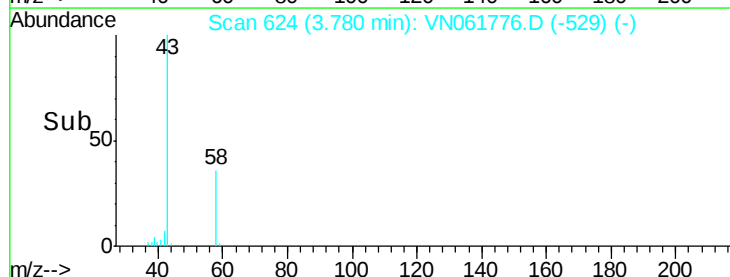
15000

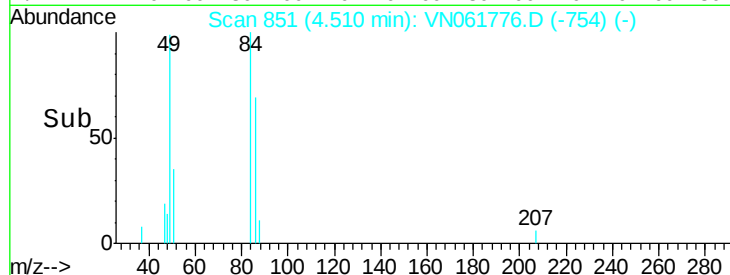
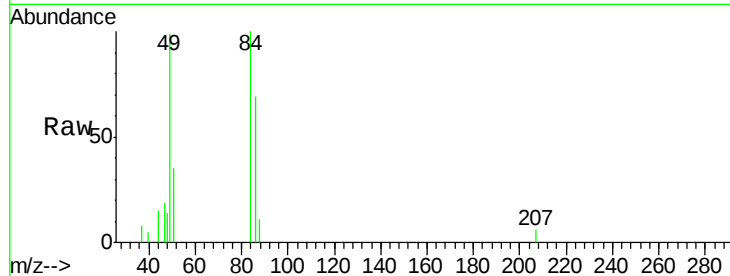
10000

5000

0

Time--> 3.70 3.75 3.80 3.85

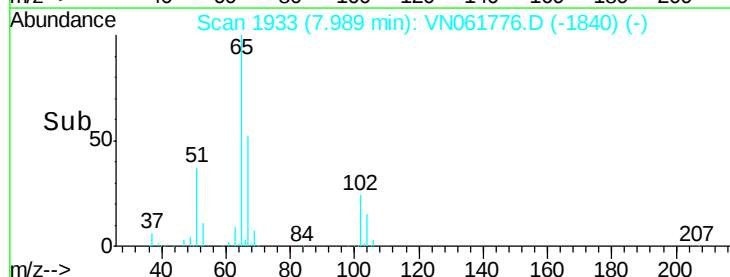
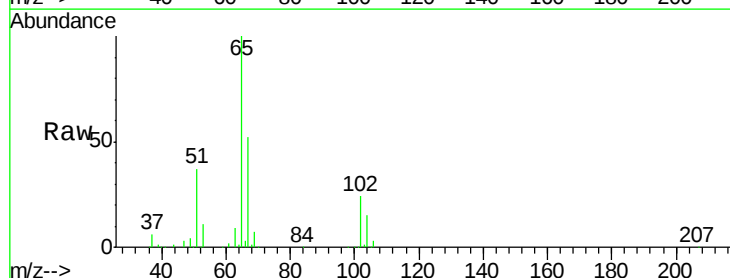
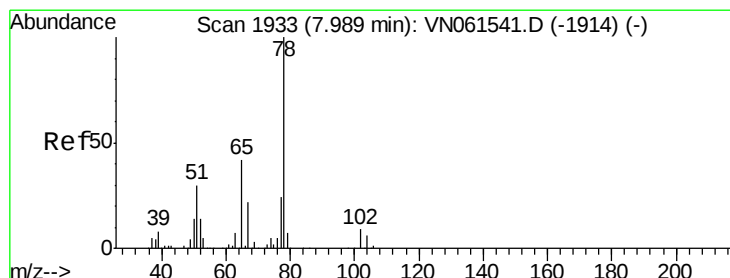
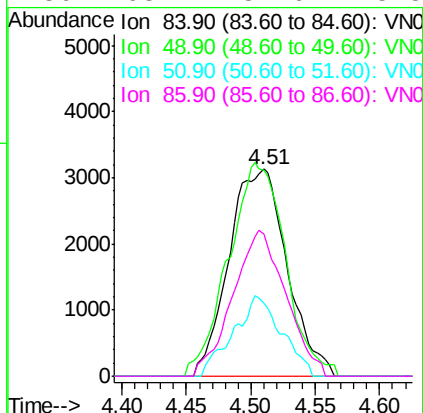




#20
Methvlene Chloride
Concen: 1.422 ug/l
RT: 4.51 min Scan# 851
Delta R.T. 0.01 min
Lab File: VN061776.D
Acq: 12 Jun 2020 8:01

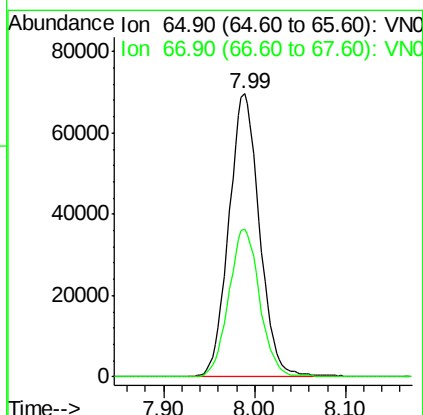
Instrument :
MSVOA_N
ClientSampleId :
CL-02-060920

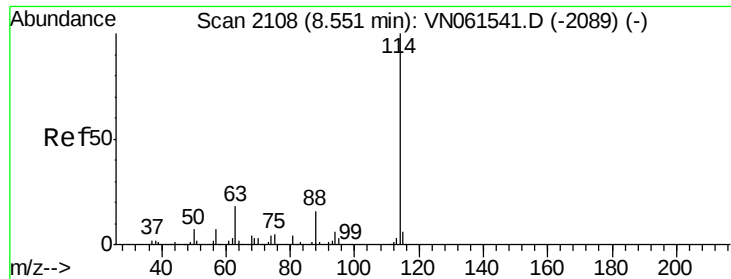
Tot Ion:	84	Resp:	9808
Ion	Ratio	Lower	Upper
84	100		
49	99.3	85.8	128.8
51	35.1	26.2	39.2
86	68.7	52.6	78.8



#33
1,2-Dichloroethane-d4
Concen: 47.110 ug/l
RT: 7.99 min Scan# 1933
Delta R.T. 0.00 min
Lab File: VN061776.D
Acq: 12 Jun 2020 8:01

Tgt Ion:	65	Resp:	163365
Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	104.8

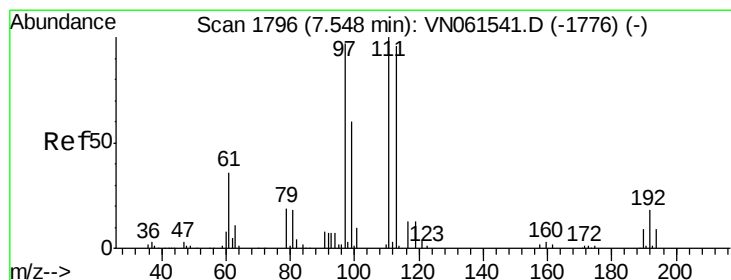
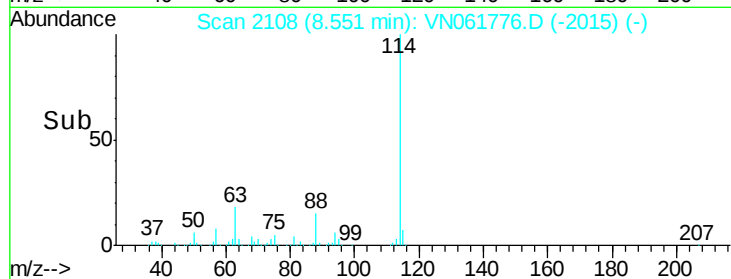
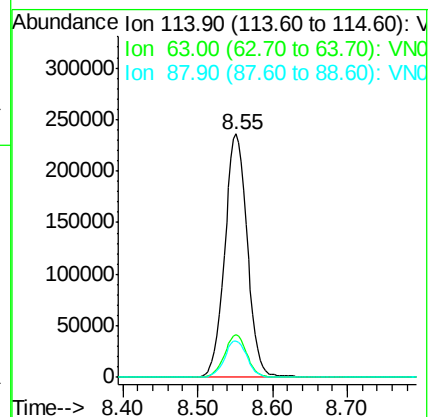
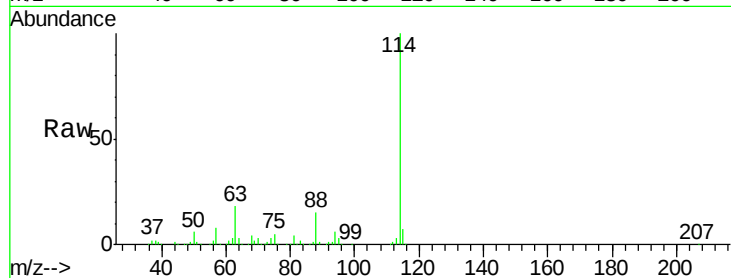




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061776.D
 Acq: 12 Jun 2020 8:01

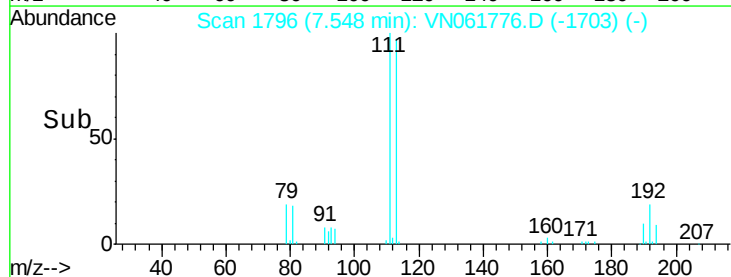
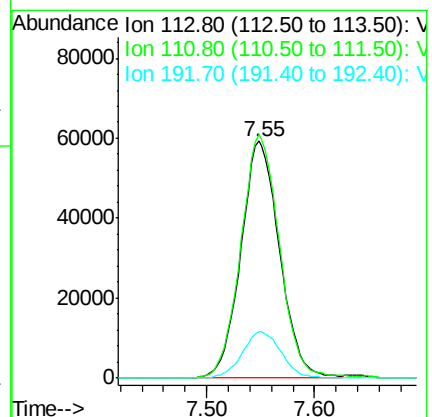
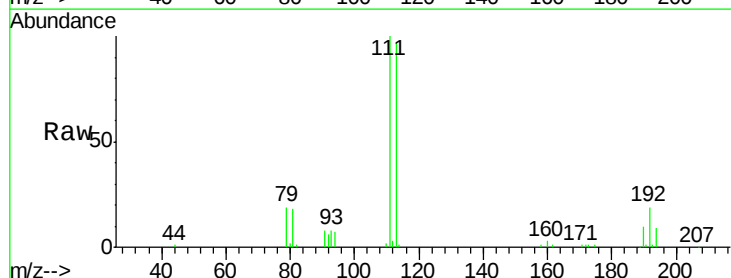
Instrument :
 MSVOA_N
 ClientSampleId :
 CL-02-060920

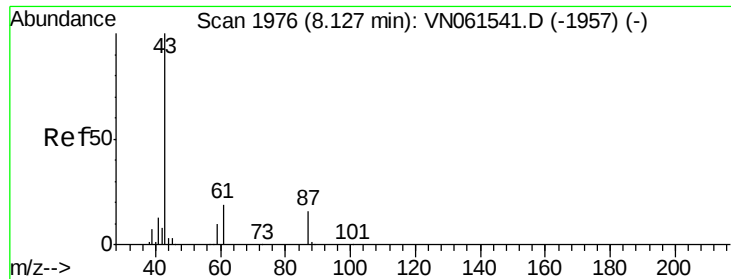
Tot Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	35.8
88	15.1	0.0	31.0



#35
 Dibromofluoromethane
 Concen: 59.253 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061776.D
 Acq: 12 Jun 2020 8:01

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.4	125.0
192	19.8	15.4	23.2





#43

Isopropyl Acetate

Concen: 3.320 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061776.D

Acq: 12 Jun 2020 8:01

Instrument :

MSVOA_N

ClientSampleId :

CL-02-060920

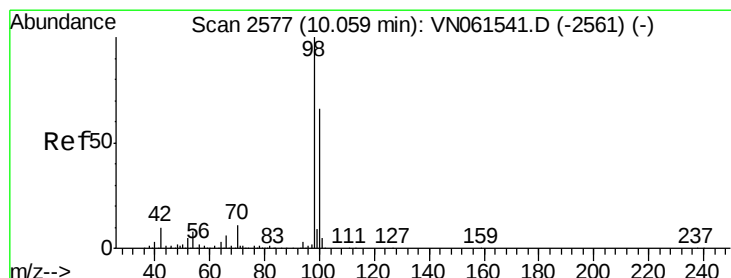
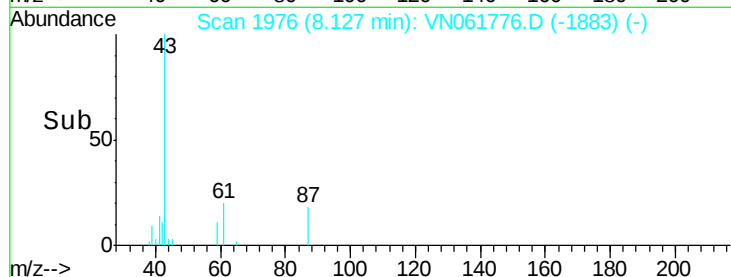
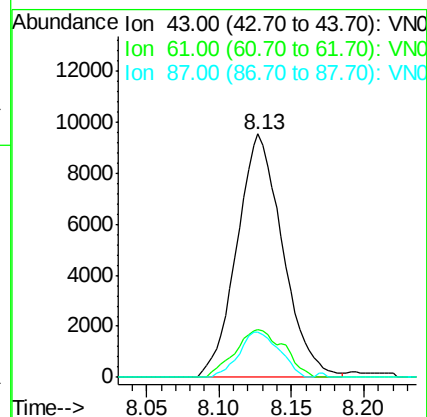
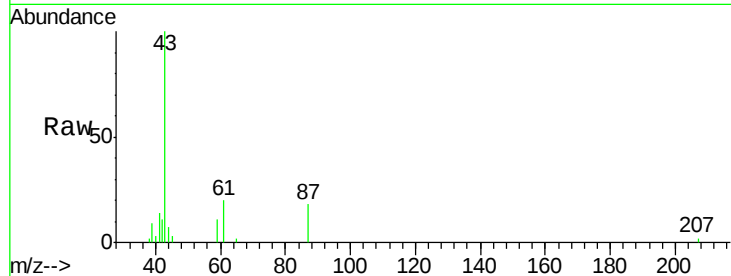
Tot Ion: 43 Resp: 20943

Ion Ratio Lower Upper

43 100

61 20.8 23.6 35.4#

87 16.5 13.0 19.6



#50

Toluene-d8

Concen: 52.671 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061776.D

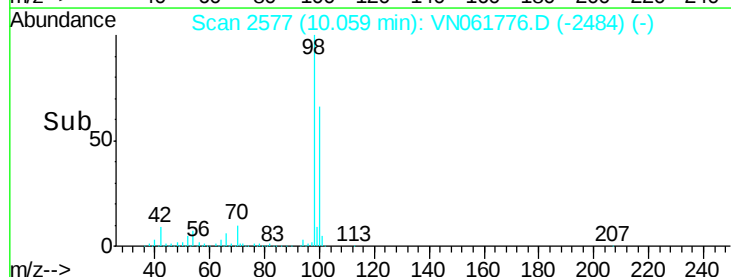
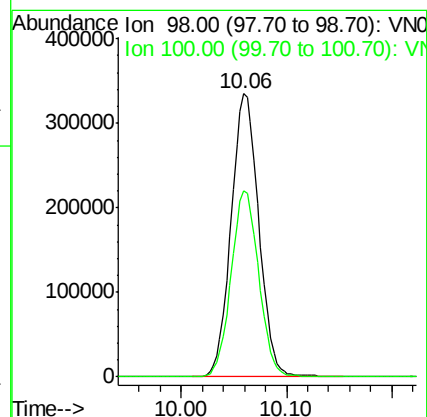
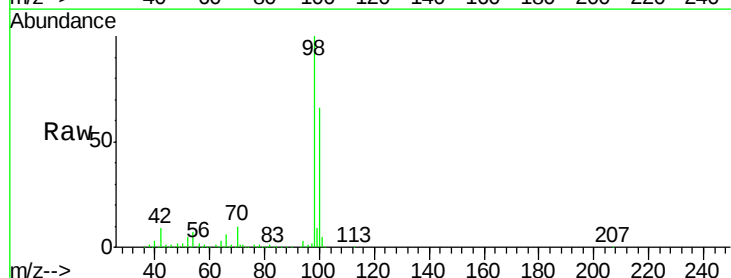
Acq: 12 Jun 2020 8:01

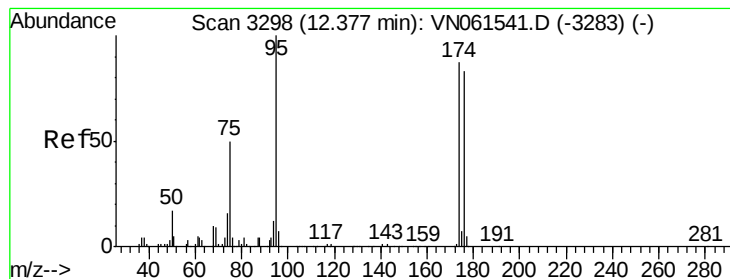
Tgt Ion: 98 Resp: 608927

Ion Ratio Lower Upper

98 100

100 65.7 52.8 79.2





#62

4-Bromofluorobenzene

Concen: 51.779 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061776.D

Acq: 12 Jun 2020 8:01

Instrument :

MSVOA_N

ClientSampleId :

CL-02-060920

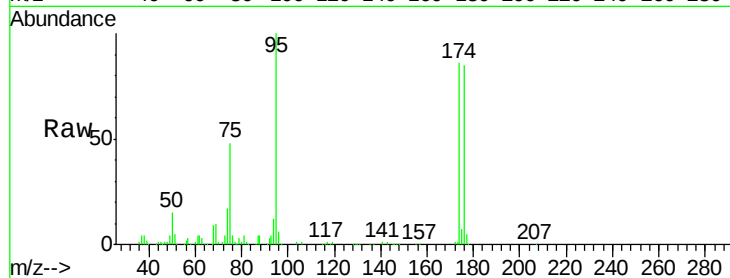
Tot Ion: 95 Resp: 218397

Ion Ratio Lower Upper

95 100

174 88.0 0.0 172.8

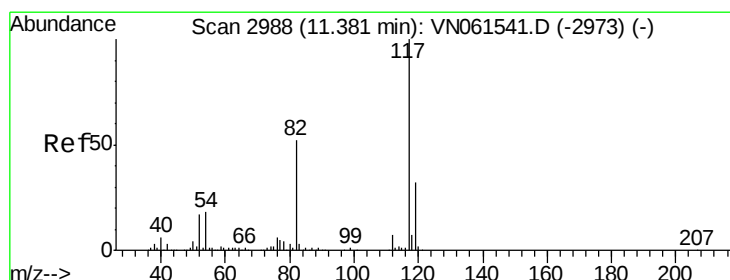
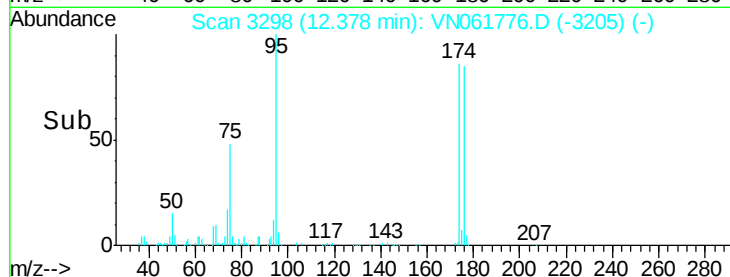
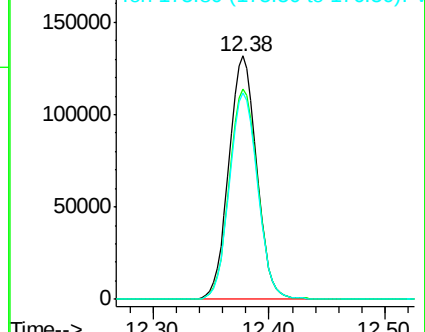
176 85.5 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN061541.D (-3283) (-)

Ion 173.80 (173.50 to 174.50): VN061541.D (-3283) (-)

Ion 175.80 (175.50 to 176.50): VN061541.D (-3283) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN061776.D

Acq: 12 Jun 2020 8:01

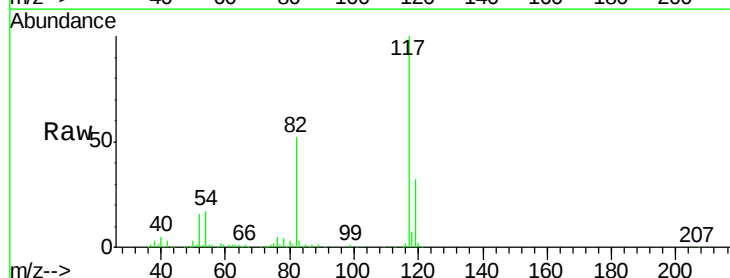
Tgt Ion: 117 Resp: 519351

Ion Ratio Lower Upper

117 100

82 51.5 41.5 62.3

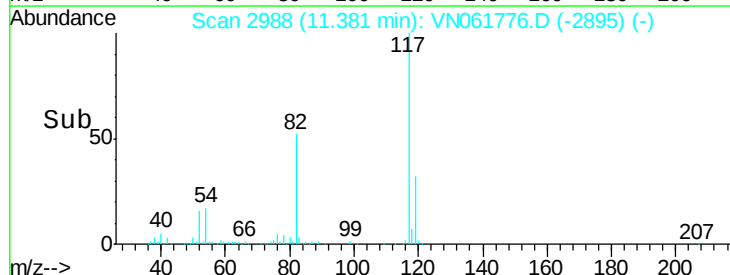
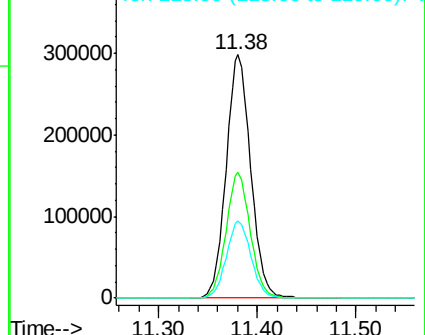
119 31.8 25.6 38.4

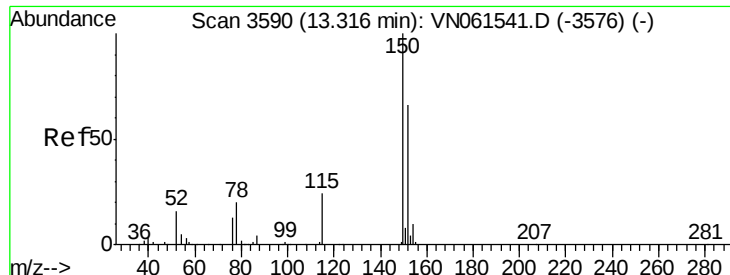


Abundance Ion 116.90 (116.60 to 117.60): VN061541.D (-2973) (-)

Ion 82.00 (81.70 to 82.70): VN061541.D (-2973) (-)

Ion 118.90 (118.60 to 119.60): VN061541.D (-2973) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061776.D

Acq: 12 Jun 2020 8:01

Instrument :

MSVOA_N

ClientSampleId :

CL-02-060920

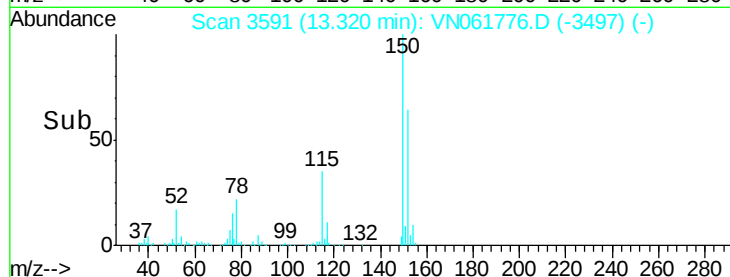
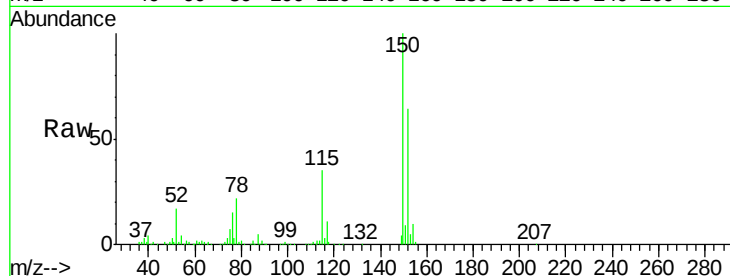
Tot Ion:152 Resp: 234282

Ion Ratio Lower Upper

152 100

115 55.4 28.0 84.0

150 156.1 0.0 344.0



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

