

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060920\
 Data File : VN061720.D
 Acq On : 9 Jun 2020 12:53
 Operator : JC/MD
 Sample : PB129410ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129410ZHE#01

Quant Time: Jun 10 03:43:59 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

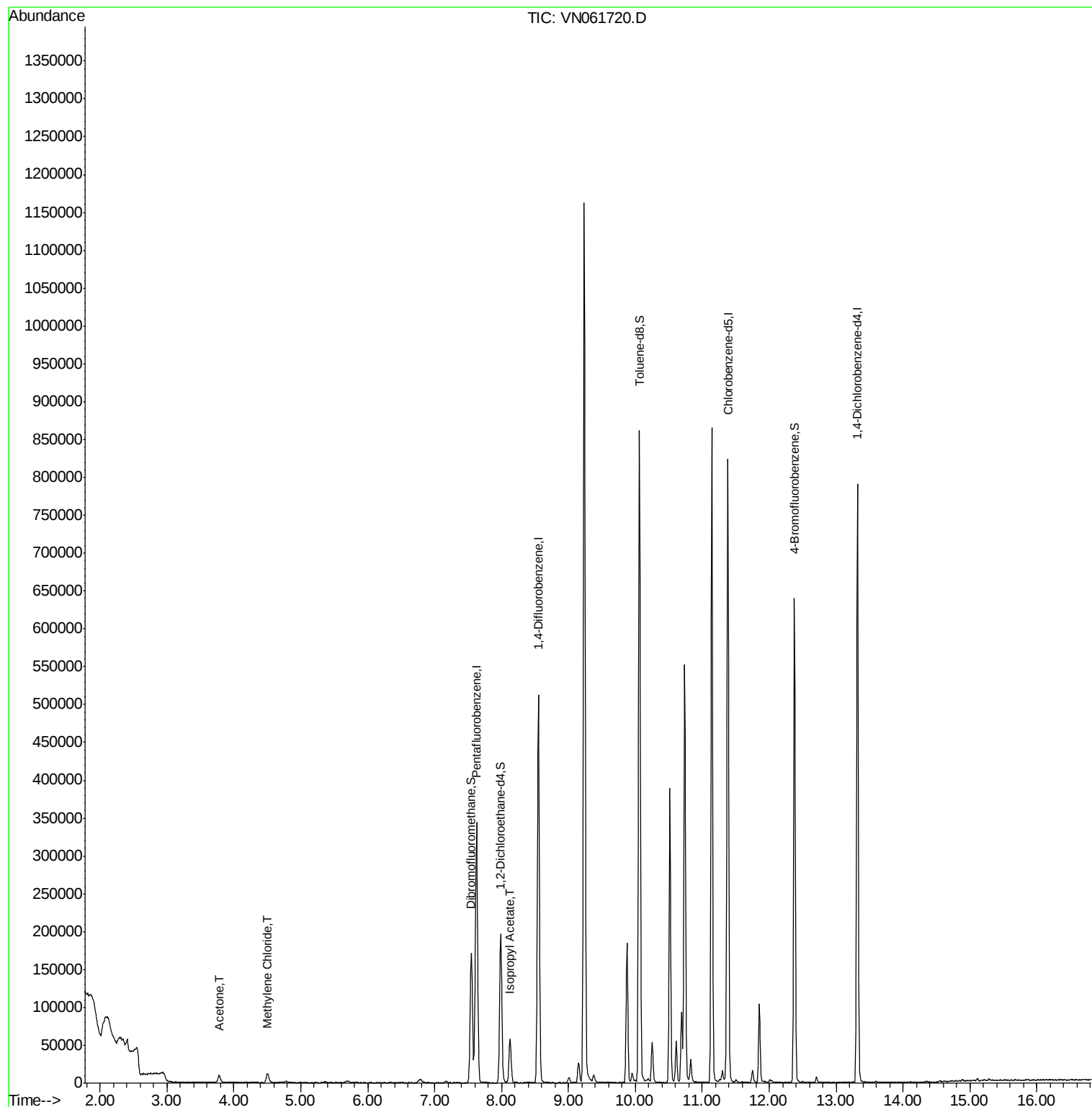
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	296655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	501766	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	510567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	229068	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	164603	46.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.14%	
35) Dibromofluoromethane	7.55	113	132132	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.82%	
50) Toluene-d8	10.06	98	612094	51.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.78%	
62) 4-Bromofluorobenzene	12.38	95	218619	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.60%	
Target Compounds						
16) Acetone	3.78	43	15184	9.626	ug/l	99
20) Methylene Chloride	4.51	84	9845m	1.373	ug/l	
43) Isopropyl Acetate	8.13	43	64974	10.094	ug/l #	92

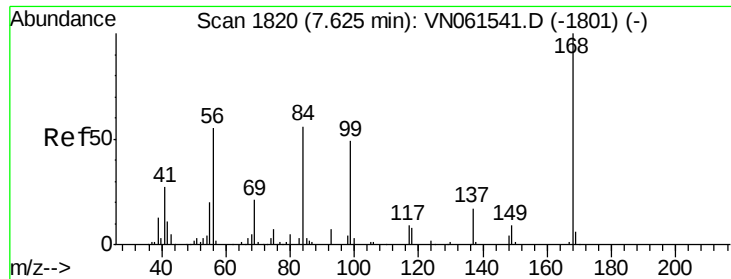
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061720.D

Acq: 9 Jun 2020 12:53

Instrument :

MSVOA_N

ClientSampleId :

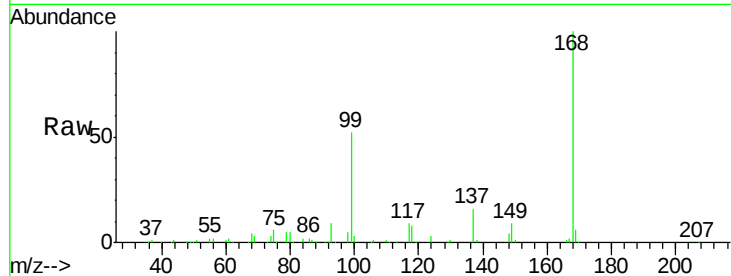
PB129410ZHE#01

Tot Ion:168 Resp: 296655

Ion Ratio Lower Upper

168 100

99 52.2 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

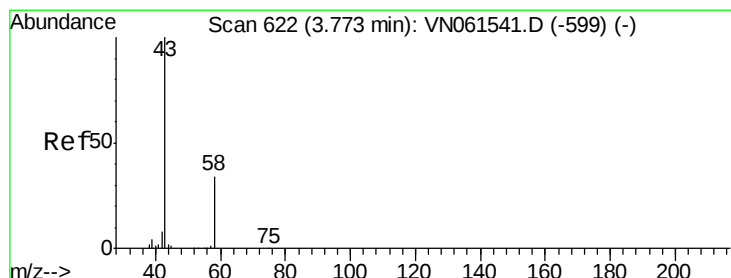
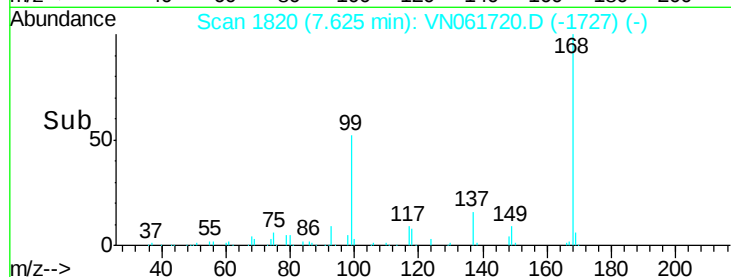
7.63

100000

50000

0

Time--> 7.50 7.60 7.70



#16

Acetone

Concen: 9.626 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.01 min

Lab File: VN061720.D

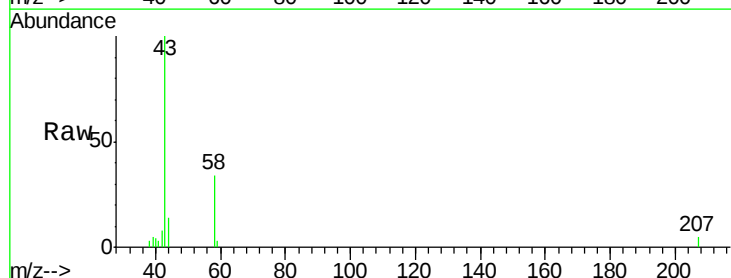
Acq: 9 Jun 2020 12:53

Tgt Ion: 43 Resp: 15184

Ion Ratio Lower Upper

43 100

58 33.7 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

3.78

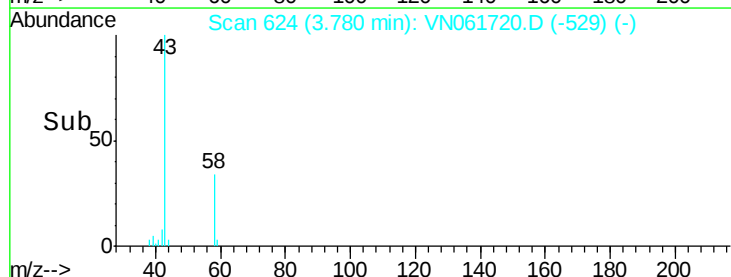
6000

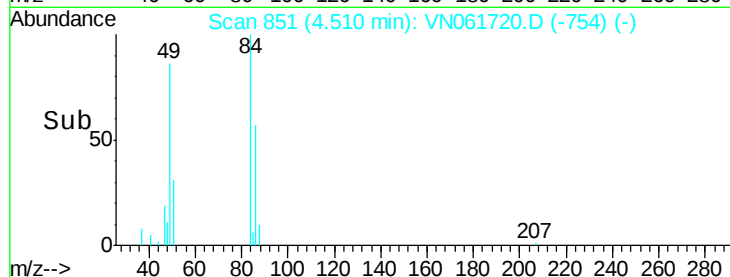
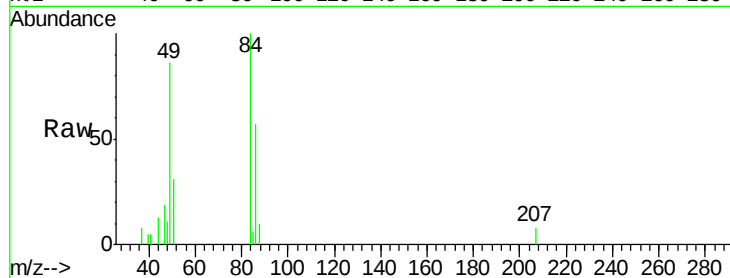
4000

2000

0

Time--> 3.70 3.75 3.80 3.85

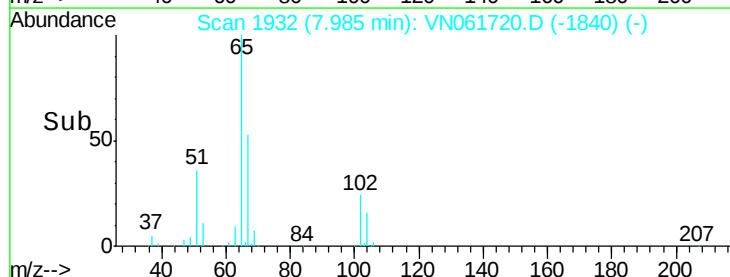
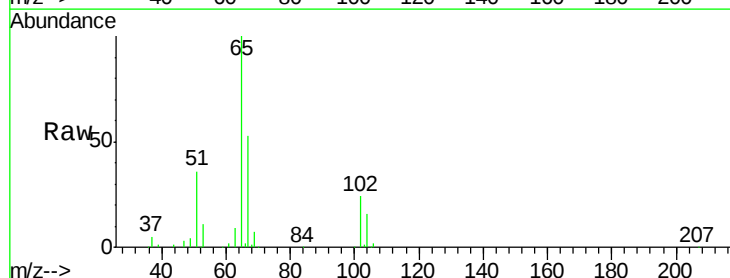
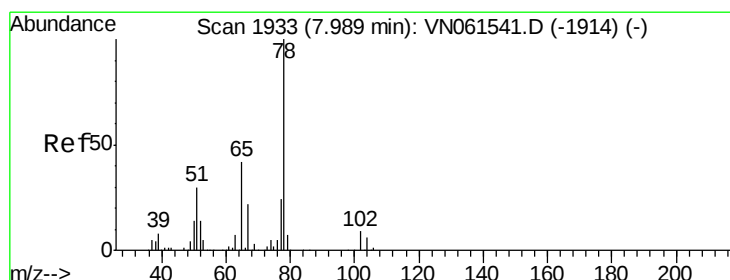
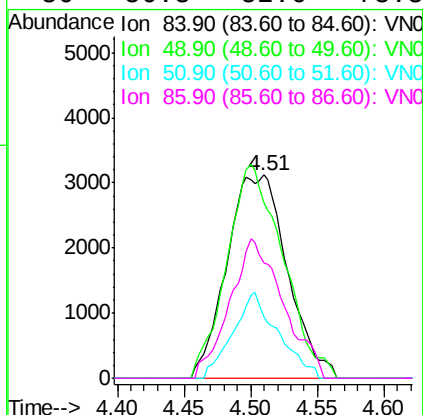




#20
Methvlene Chloride
Concen: 1.373 ug/l m
RT: 4.51 min Scan# 851
Delta R.T. 0.01 min
Lab File: VN061720.D
Acq: 9 Jun 2020 12:53

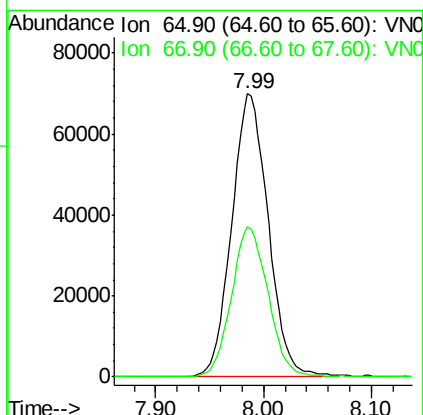
Instrument :
MSVOA_N
ClientSampleId :
PB129410ZHE#01

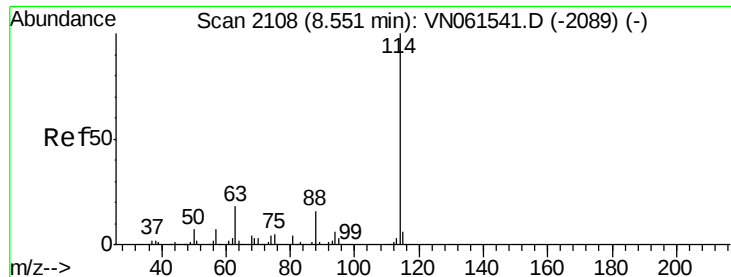
Tot Ion:	84	Resp:	9845
Ion	Ratio	Lower	Upper
84	100		
49	86.4	85.8	128.8
51	30.6	26.2	39.2
86	56.8	52.6	78.8



#33
1,2-Dichloroethane-d4
Concen: 46.571 ug/l
RT: 7.99 min Scan# 1932
Delta R.T. -0.00 min
Lab File: VN061720.D
Acq: 9 Jun 2020 12:53

Tgt Ion:	65	Resp:	164603
Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	104.8

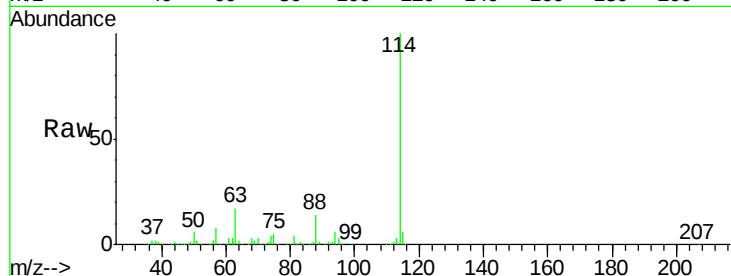




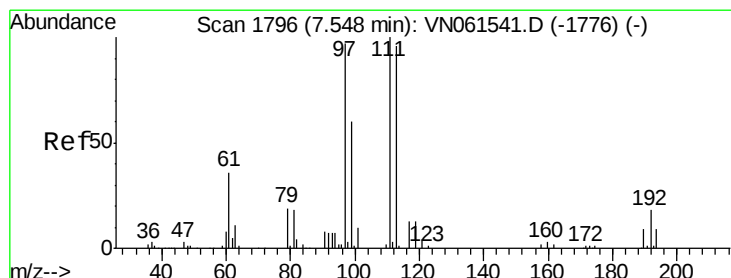
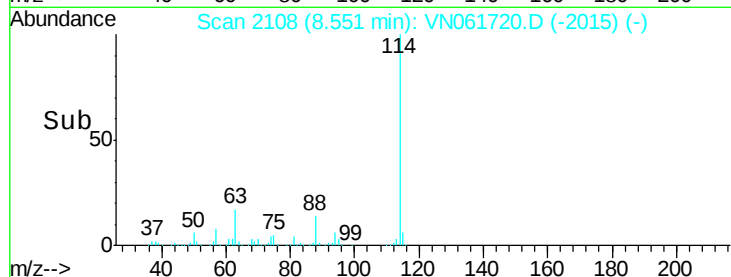
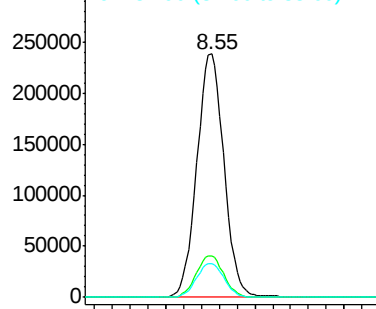
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061720.D
 Acq: 9 Jun 2020 12:53

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129410ZHE#01

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	35.8
88	14.0	0.0	31.0

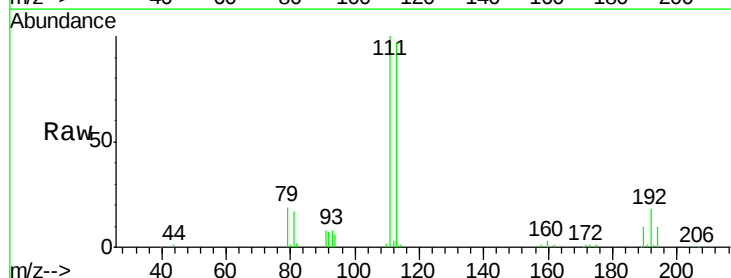


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

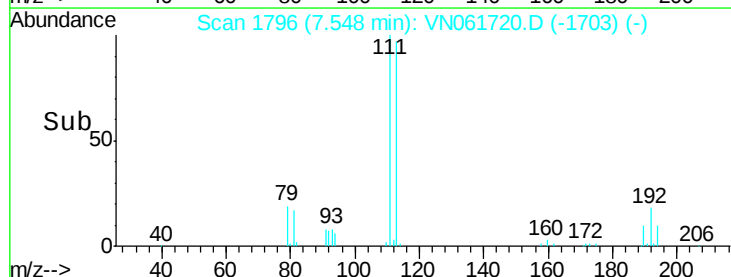
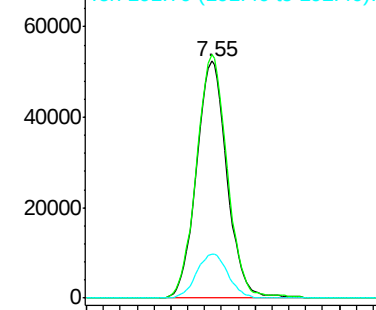


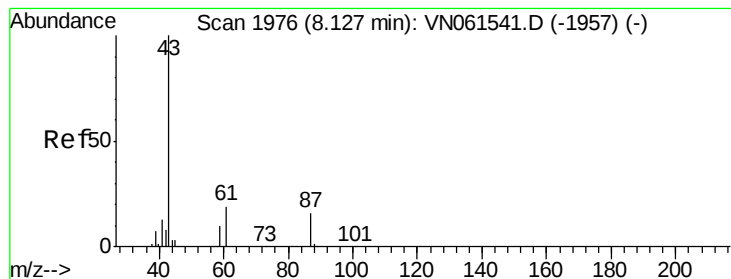
#35
 Dibromofluoromethane
 Concen: 51.911 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061720.D
 Acq: 9 Jun 2020 12:53

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	83.4	125.0
192	19.2	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





#43

Isopropyl Acetate

Concen: 10.094 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN061720.D

Acq: 9 Jun 2020 12:53

Instrument :

MSVOA_N

ClientSampleId :

PB129410ZHE#01

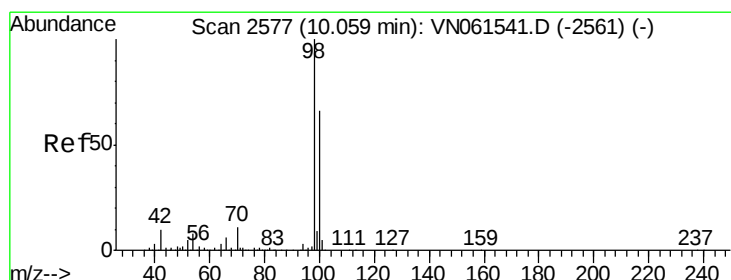
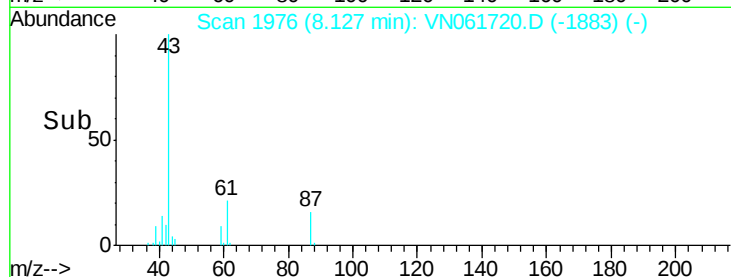
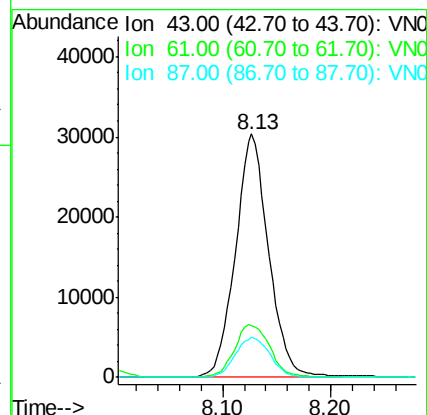
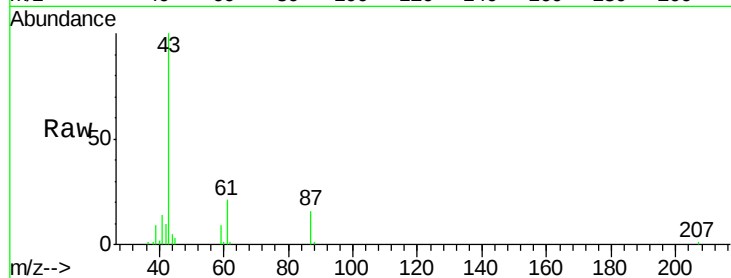
Tot Ion: 43 Resp: 64974

Ion Ratio Lower Upper

43 100

61 23.1 23.6 35.4#

87 17.2 13.0 19.6



#50

Toluene-d8

Concen: 51.892 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061720.D

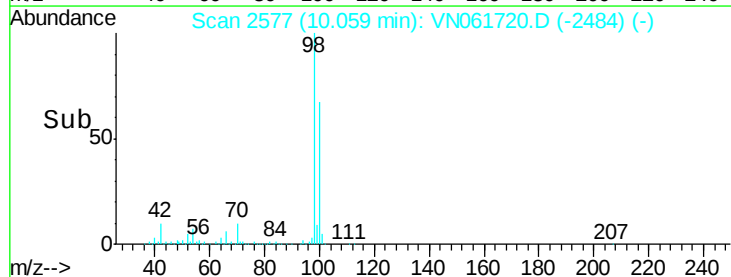
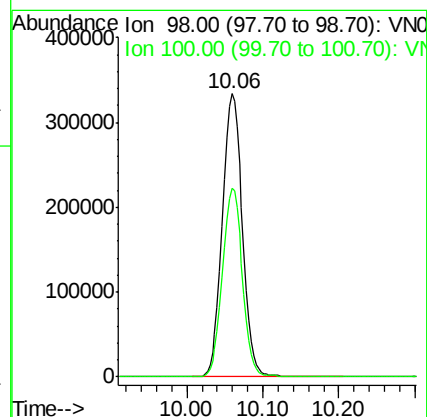
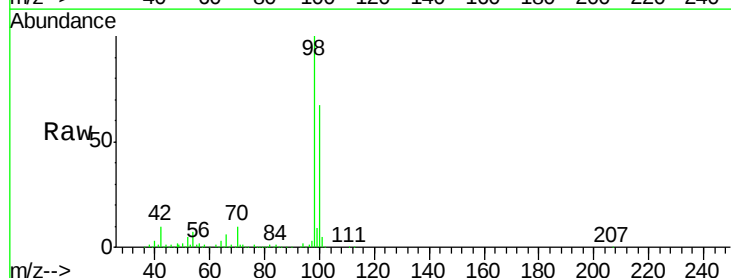
Acq: 9 Jun 2020 12:53

Tgt Ion: 98 Resp: 612094

Ion Ratio Lower Upper

98 100

100 66.3 52.8 79.2





#62

4-Bromofluorobenzene

Concen: 50.801 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061720.D

Acq: 9 Jun 2020 12:53

Instrument :

MSVOA_N

ClientSampleId :

PB129410ZHE#01

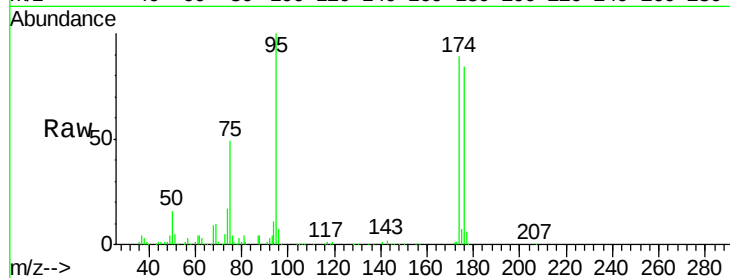
Tot Ion: 95 Resp: 218619

Ion Ratio Lower Upper

95 100

174 87.6 0.0 172.8

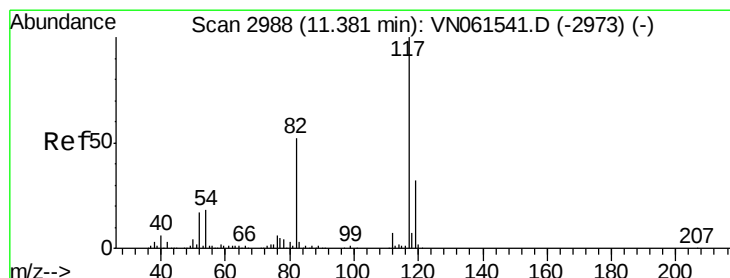
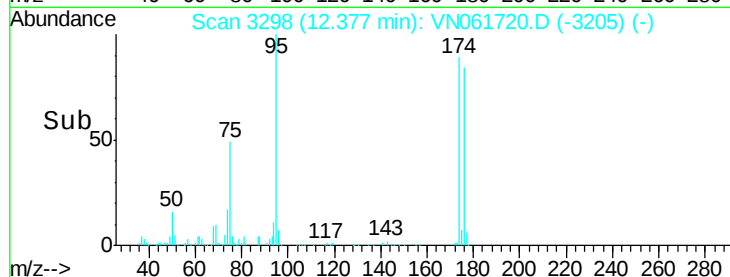
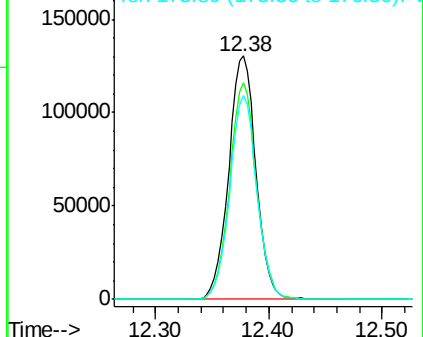
176 83.1 0.0 164.8



Abundance Ion 94.90 (94.60 to 95.60): VN061720.D (-3205) (-)

Ion 173.80 (173.50 to 174.50): VN061720.D (-3205) (-)

Ion 175.80 (175.50 to 176.50): VN061720.D (-3205) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN061720.D

Acq: 9 Jun 2020 12:53

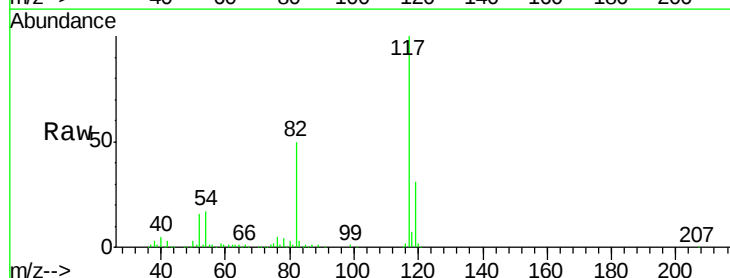
Tgt Ion: 117 Resp: 510567

Ion Ratio Lower Upper

117 100

82 50.4 41.5 62.3

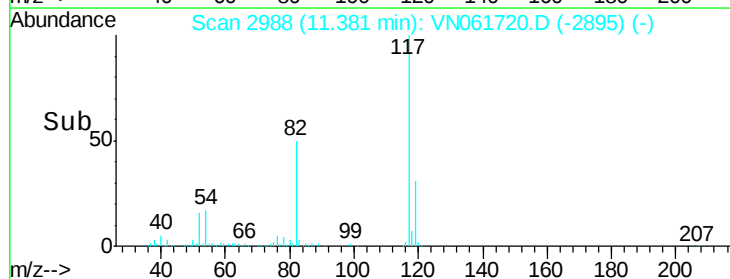
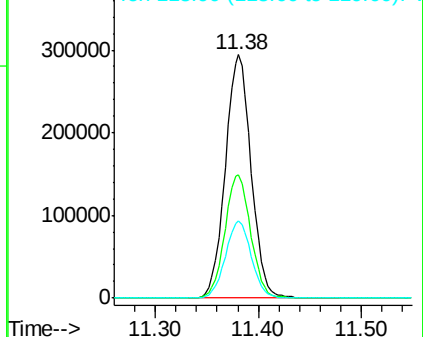
119 31.5 25.6 38.4

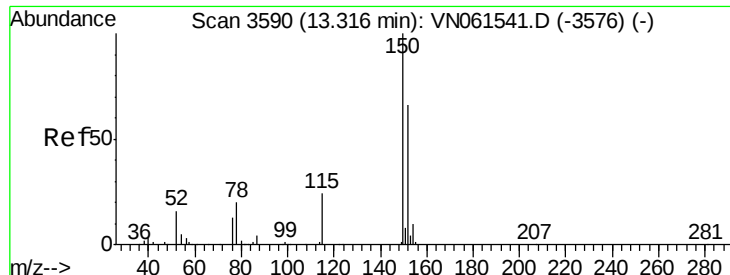


Abundance Ion 116.90 (116.60 to 117.60): VN061720.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN061720.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN061720.D (-2895) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061720.D

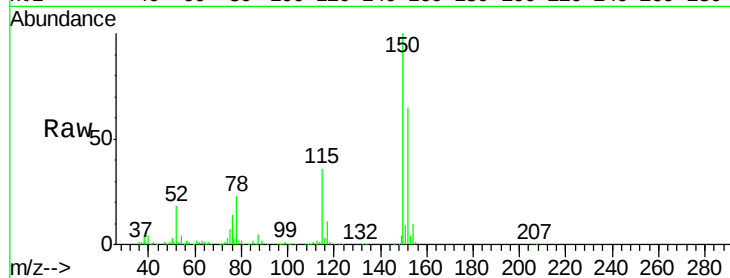
Acq: 9 Jun 2020 12:53

Instrument :

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ClientSampleId :

PB129410ZHE#01



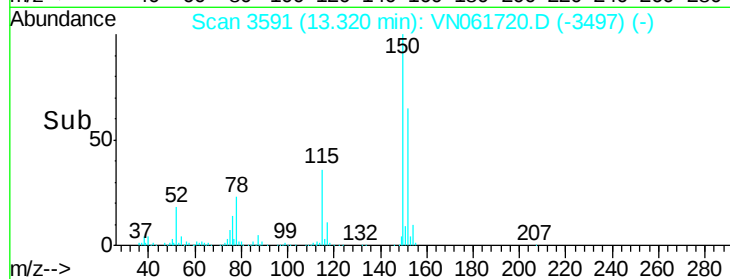
Tot Ion:152 Resp: 229068

Ion Ratio Lower Upper

152 100

115 56.2 28.0 84.0

150 155.9 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

