

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060120\
 Data File : VN061588.D
 Acq On : 1 Jun 2020 12:40
 Operator : JC/MD
 Sample : PB129197TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129197TB

Quant Time: Jun 02 04:11:22 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

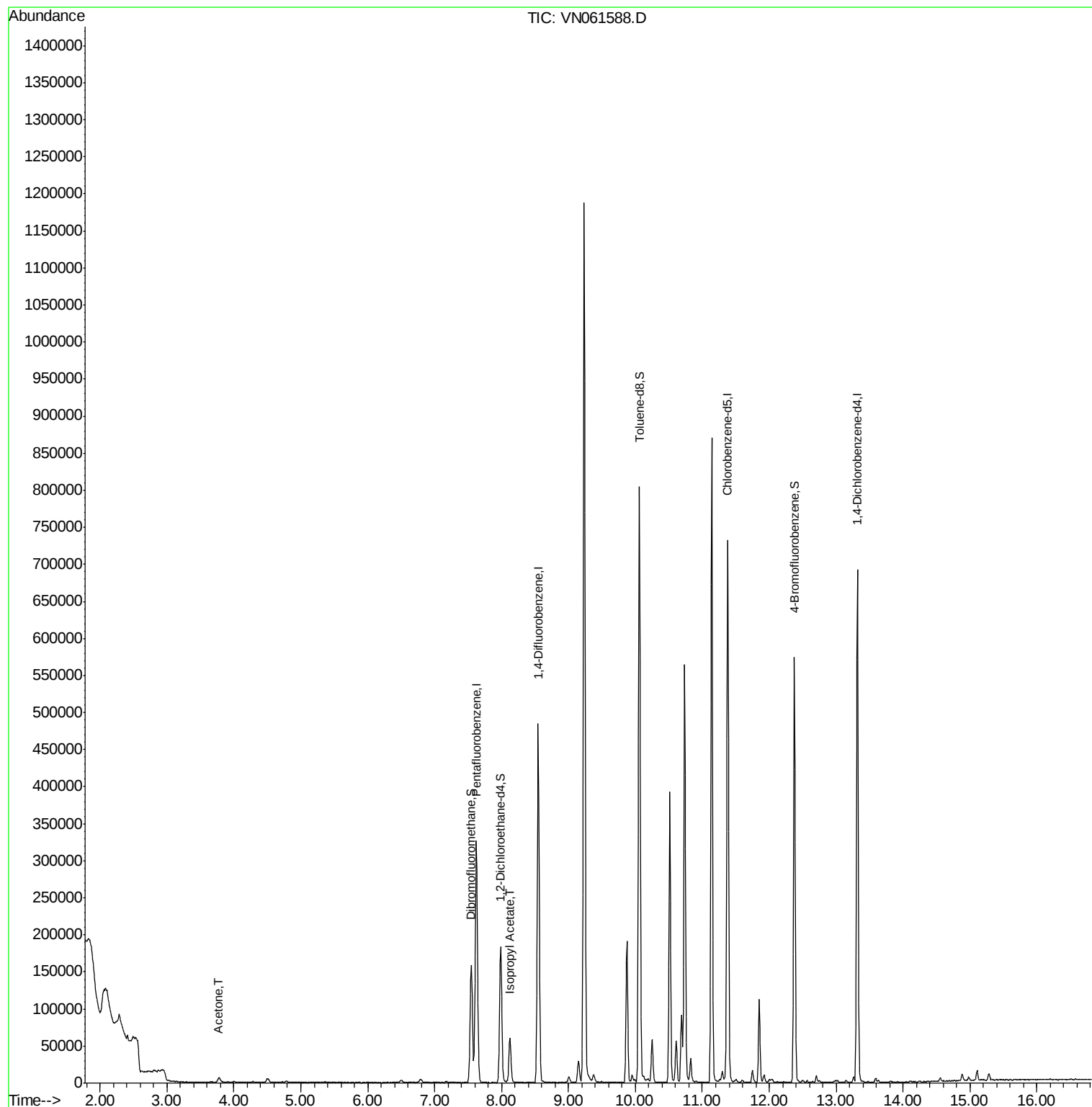
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	269278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	465260	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	453809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	194273	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	158490	49.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.80%	
35) Dibromofluoromethane	7.55	113	123564	52.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.70%	
50) Toluene-d8	10.06	98	561677	51.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.70%	
62) 4-Bromofluorobenzene	12.37	95	201613	50.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.06%	
Target Compounds						
16) Acetone	3.77	43	10637	5.978	ug/l	99
43) Isopropyl Acetate	8.12	43	69379	11.625	ug/l #	91

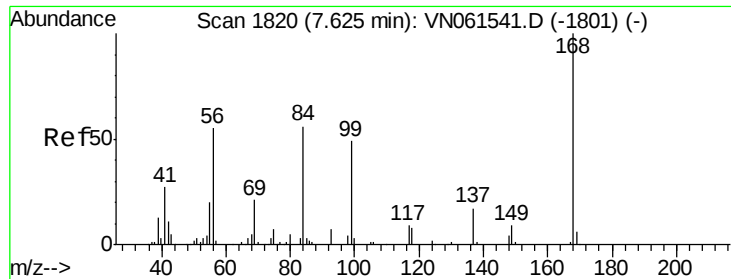
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

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Acq: 1 Jun 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

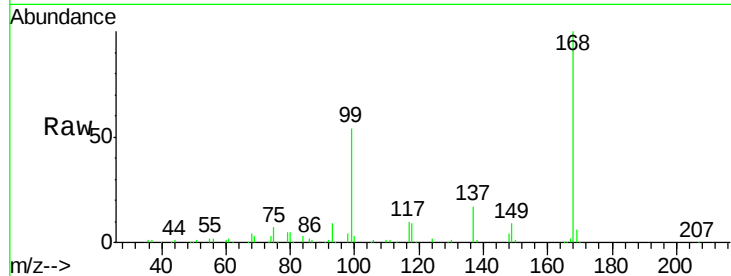
PB129197TB

Tot Ion:168 Resp: 269278

Ion Ratio Lower Upper

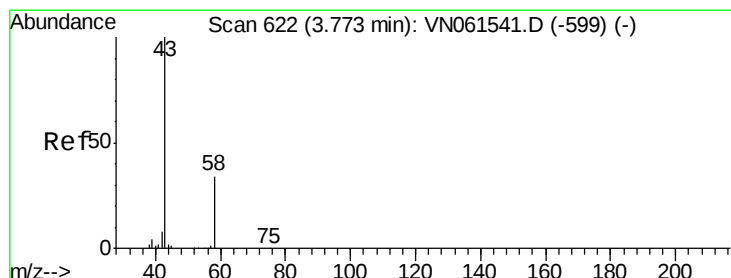
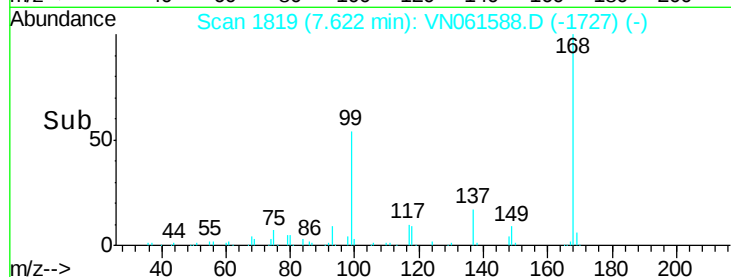
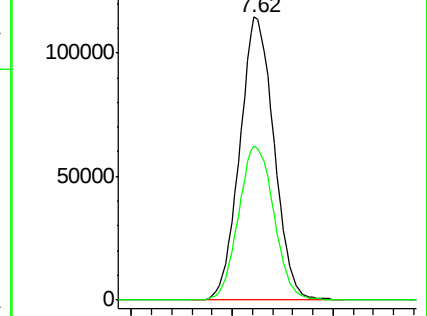
168 100

99 54.3 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 5.978 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN061588.D

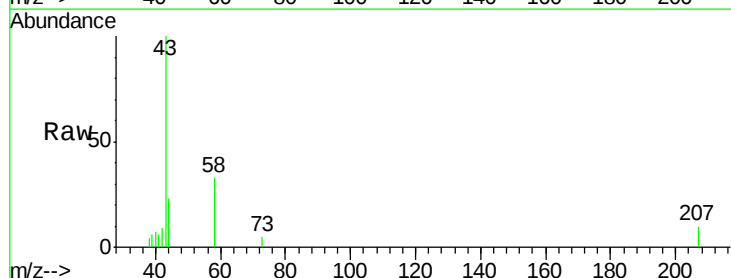
Acq: 1 Jun 2020 12:40

Tgt Ion: 43 Resp: 10637

Ion Ratio Lower Upper

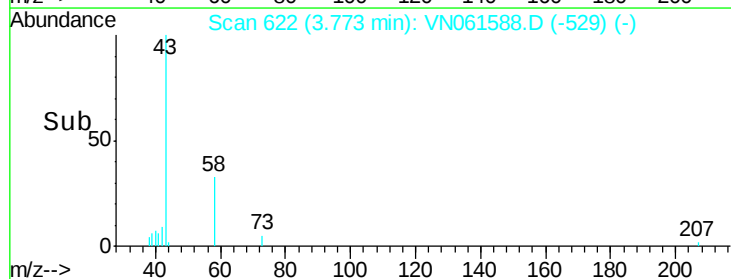
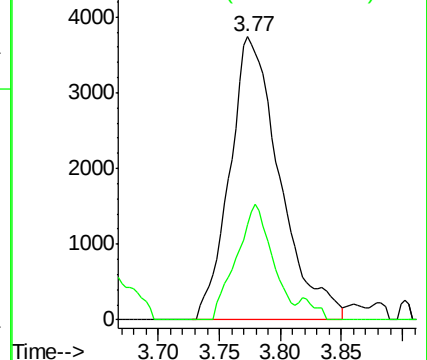
43 100

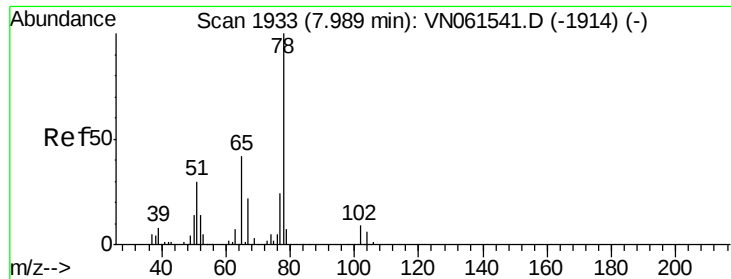
58 33.5 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO





#33

1,2-Dichloroethane-d4

Concen: 49.400 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN061588.D

Acq: 1 Jun 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

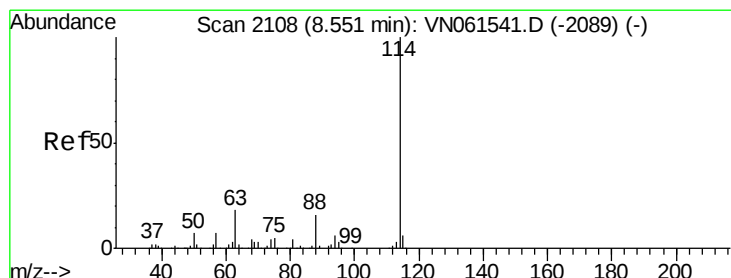
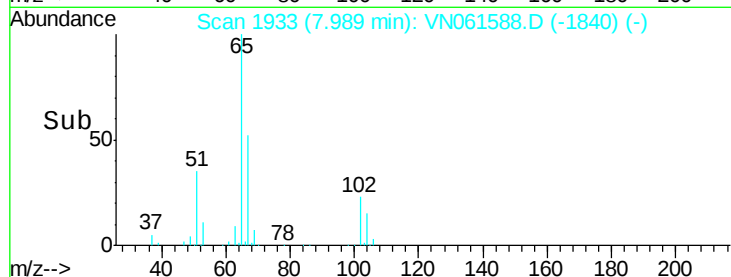
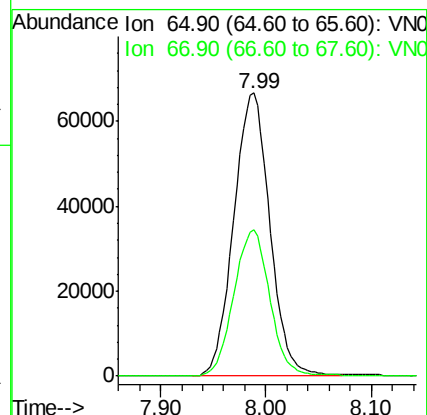
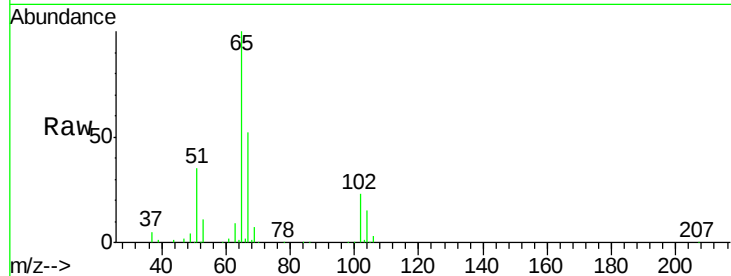
PB129197TB

Tot Ion: 65 Resp: 158490

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN061588.D

Acq: 1 Jun 2020 12:40

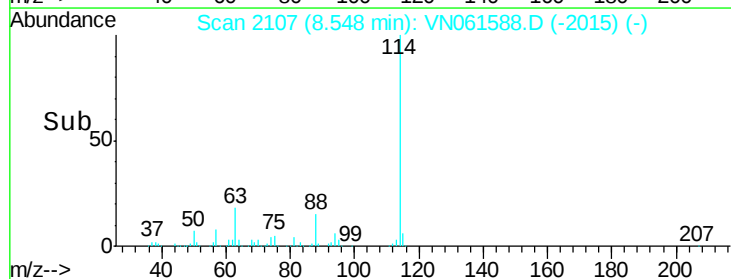
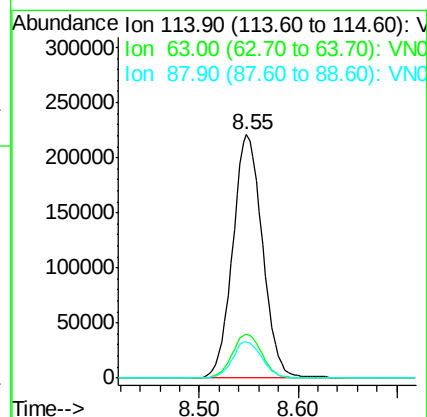
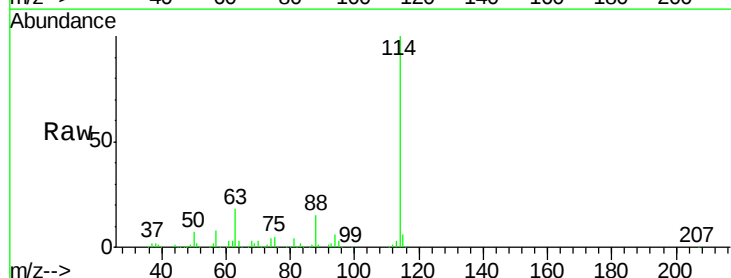
Tgt Ion: 114 Resp: 465260

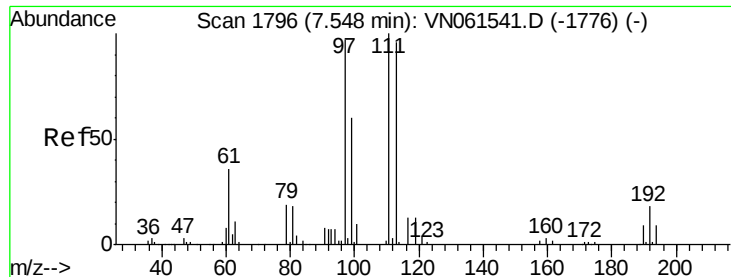
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.8

88 14.9 0.0 31.0

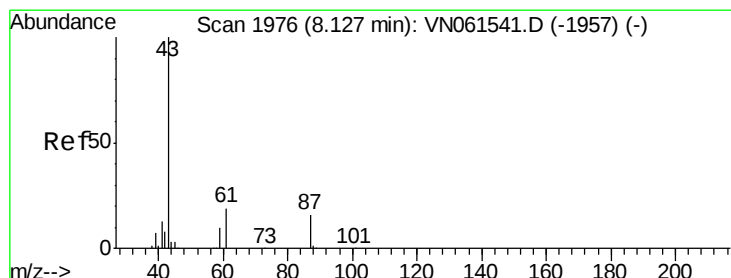
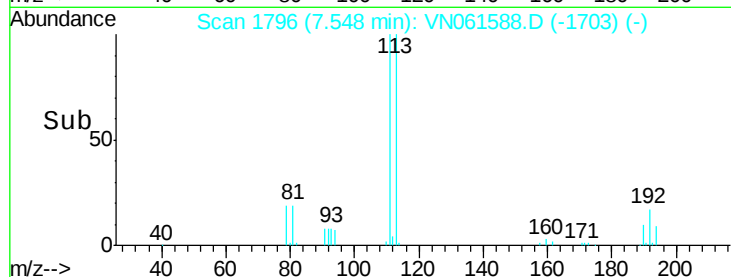
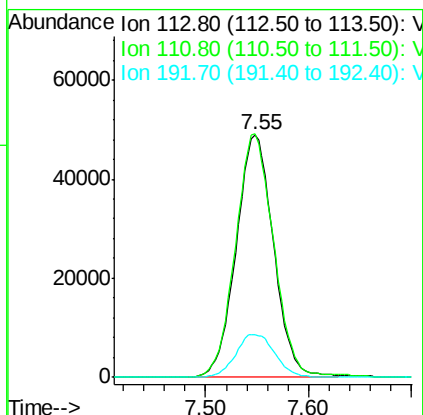
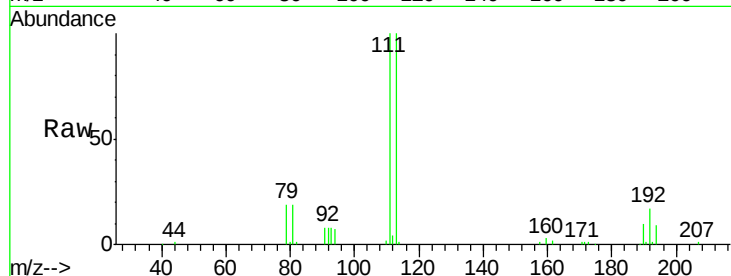




#35
 Dibromofluoromethane
 Concen: 52.354 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN061588.D
 Acq: 1 Jun 2020 12:40

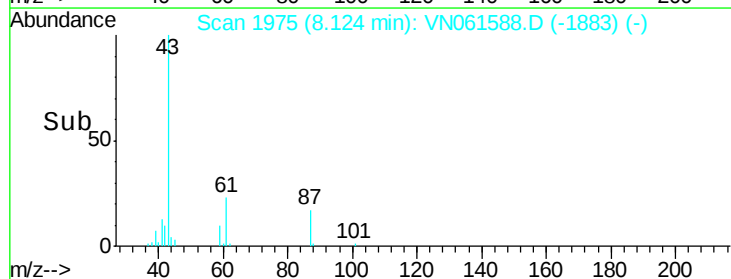
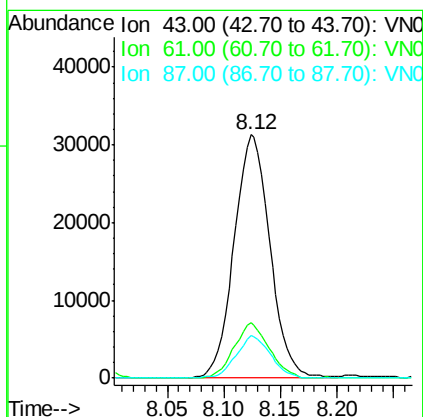
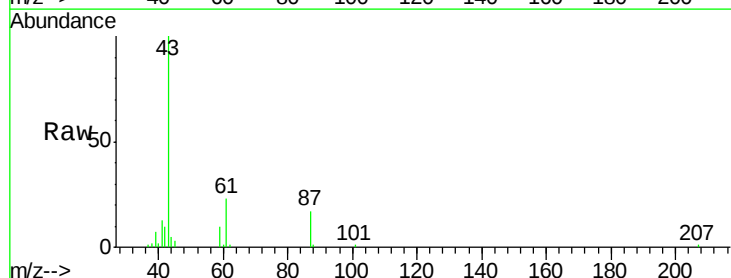
Instrument :
 MSVOA_N
 ClientSampleId :
 PB129197TB

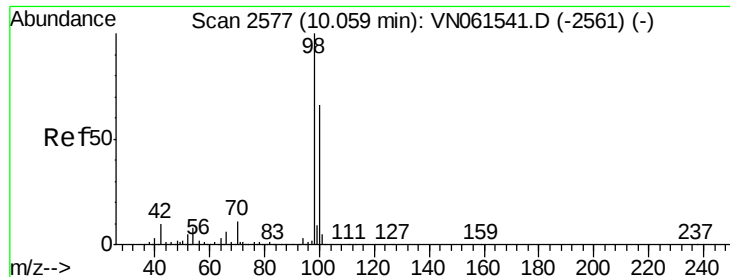
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.4	125.0
192	18.5	15.4	23.2



#43
 Isopropyl Acetate
 Concen: 11.625 ug/l
 RT: 8.12 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: VN061588.D
 Acq: 1 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
43	100		
61	22.0	23.6	35.4#
87	16.6	13.0	19.6





#50

Toluene-d8

Concen: 51.354 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. -0.00 min

Lab File: VN061588.D

Acq: 1 Jun 2020 12:40

Instrument :

MSVOA_N

ClientSampleId :

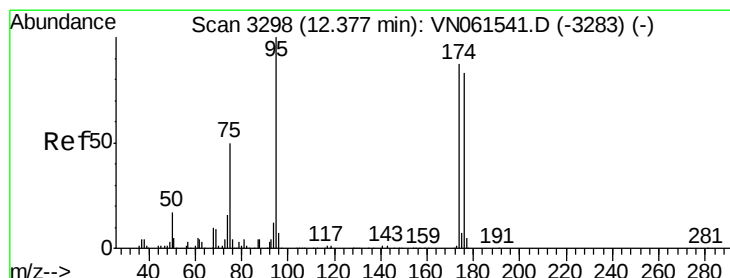
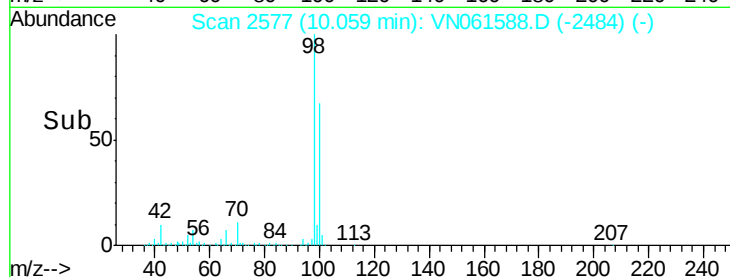
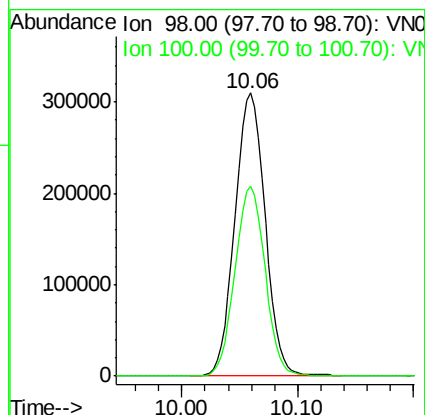
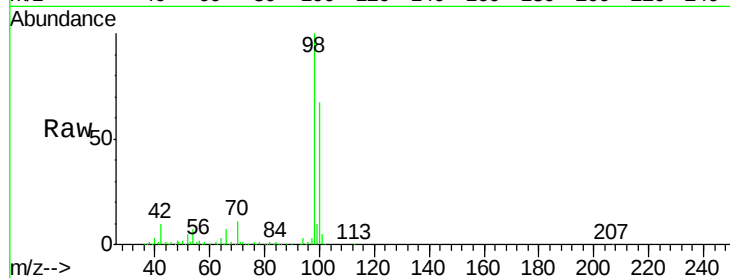
PB129197TB

Tot Ion: 98 Resp: 561677

Ion Ratio Lower Upper

98 100

100 66.8 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 50.525 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN061588.D

Acq: 1 Jun 2020 12:40

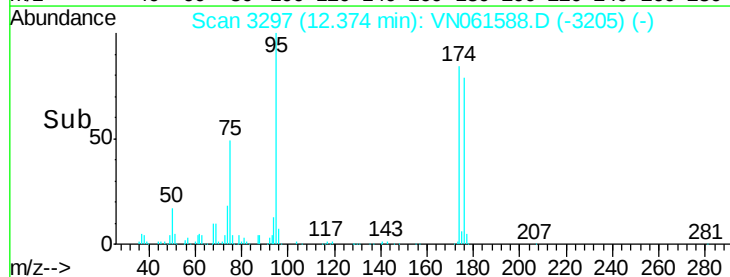
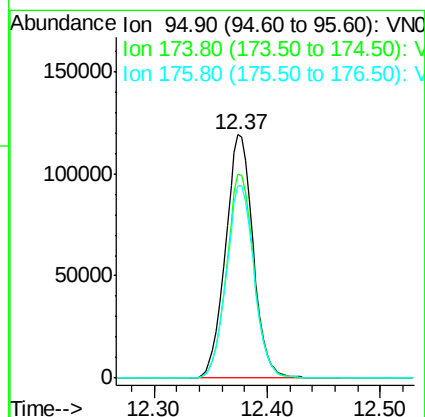
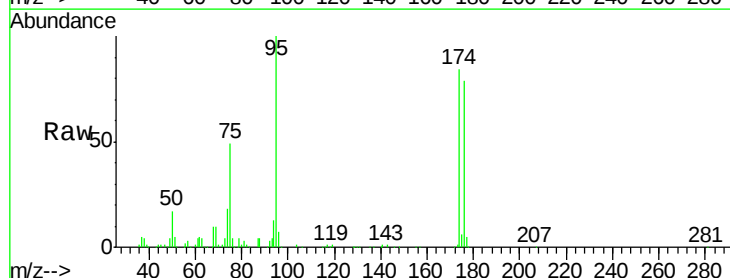
Tgt Ion: 95 Resp: 201613

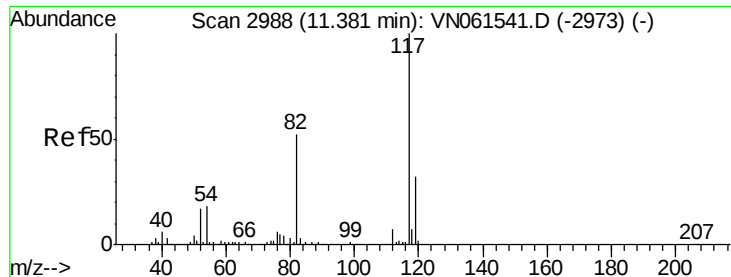
Ion Ratio Lower Upper

95 100

174 83.4 0.0 172.8

176 80.0 0.0 164.8

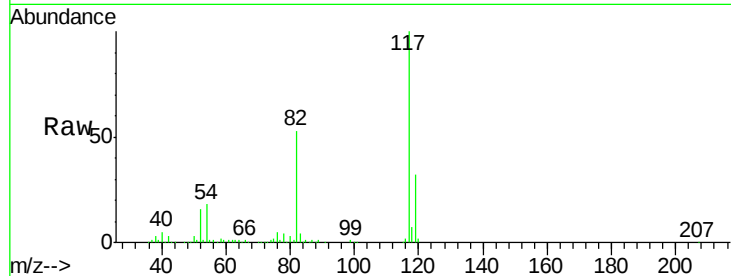




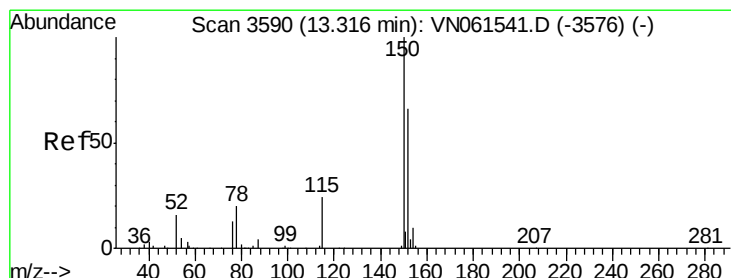
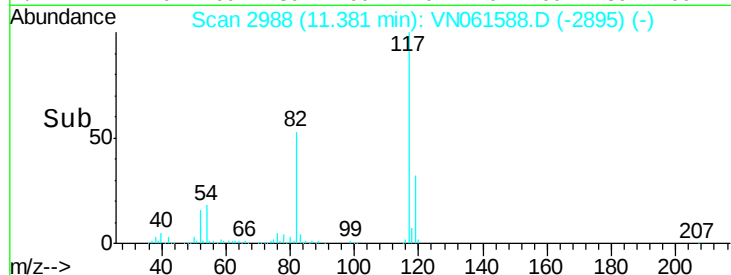
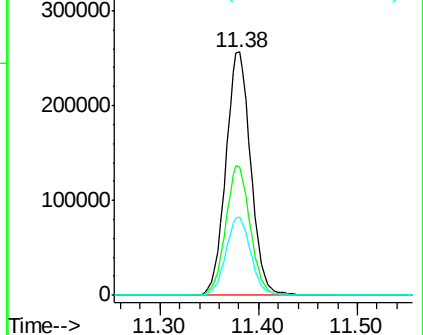
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061588.D
Acq: 1 Jun 2020 12:40

Instrument :
MSVOA_N
ClientSampleId :
PB129197TB

Tot Ion:117 Resp: 453809
Ion Ratio Lower Upper
117 100
82 52.5 41.5 62.3
119 32.0 25.6 38.4

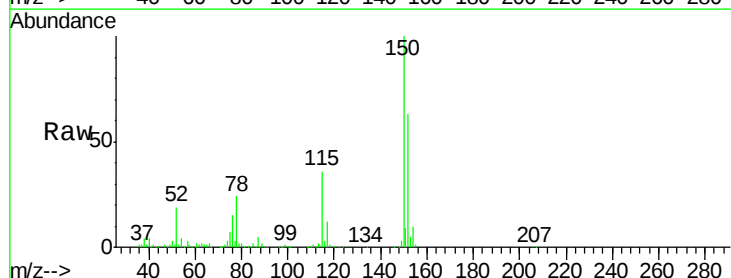


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. -0.00 min
Lab File: VN061588.D
Acq: 1 Jun 2020 12:40

Tgt Ion:152 Resp: 194273
Ion Ratio Lower Upper
152 100
115 57.8 28.0 84.0
150 159.4 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

