

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060320\
 Data File : VN061636.D
 Acq On : 3 Jun 2020 14:22
 Operator : JC/MD
 Sample : PB129262TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB129262TB

Quant Time: Jun 04 08:15:27 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

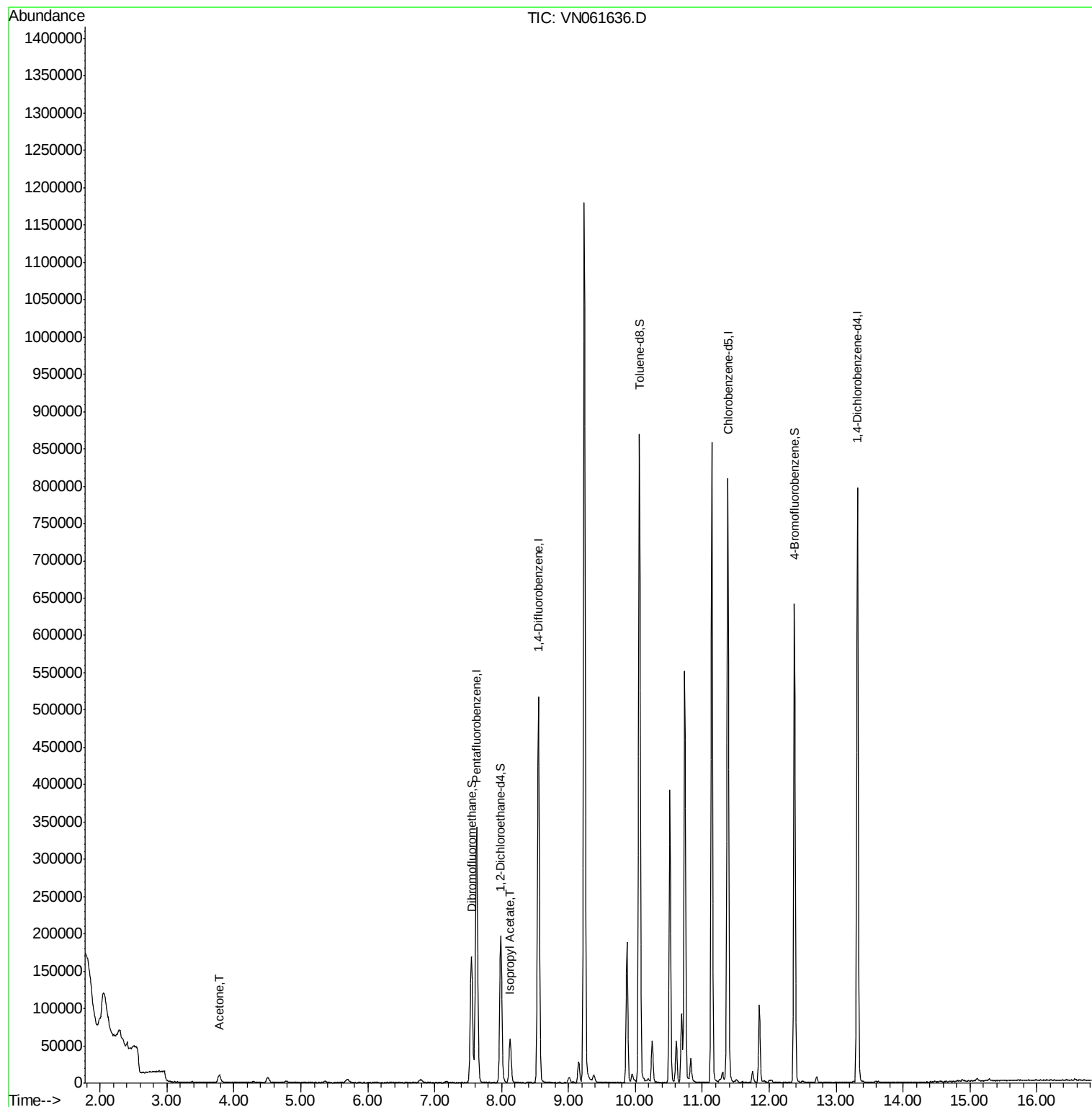
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	285136	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	500387	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	503138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	226928	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	168716	49.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.32%	
35) Dibromofluoromethane	7.55	113	130555	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.86%	
50) Toluene-d8	10.06	98	611046	51.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.90%	
62) 4-Bromofluorobenzene	12.38	95	228791	53.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.62%	
Target Compounds						
16) Acetone	3.78	43	18248	13.627	ug/l	88
43) Isopropyl Acetate	8.13	43	66381	10.341	ug/l #	91

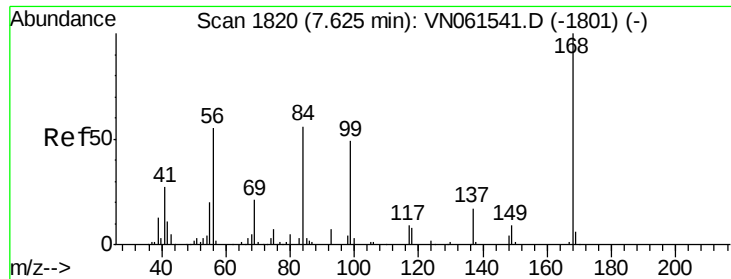
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 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: VN061636.D

Acq: 3 Jun 2020 14:22

Instrument :

MSVOA_N

ClientSampleId :

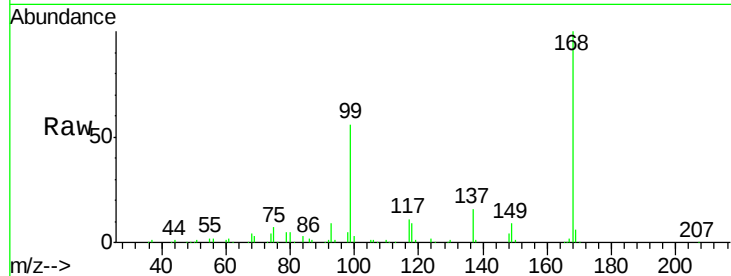
PB129262TB

Tot Ion:168 Resp: 285136

Ion Ratio Lower Upper

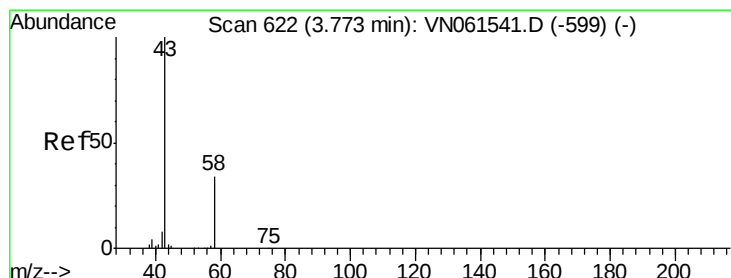
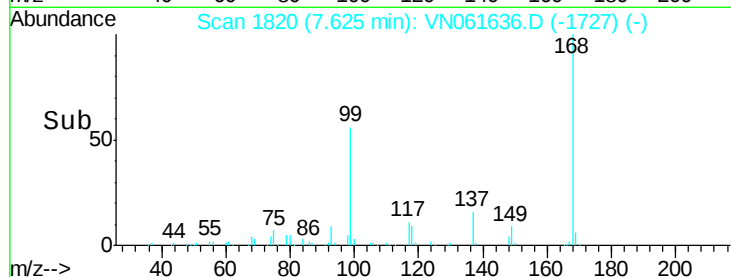
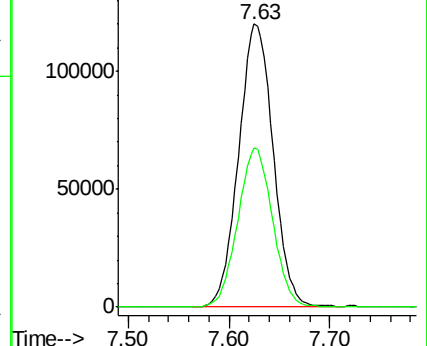
168 100

99 56.4 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: 13.627 ug/l

RT: 3.78 min Scan# 625

Delta R.T. 0.01 min

Lab File: VN061636.D

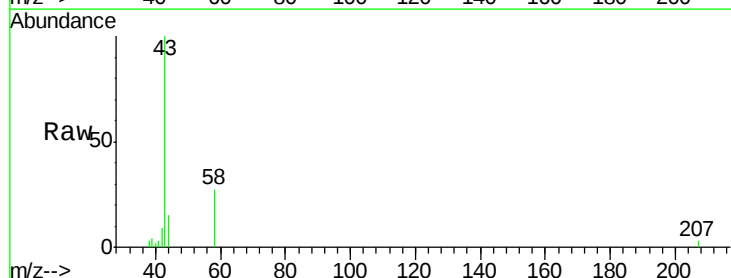
Acq: 3 Jun 2020 14:22

Tgt Ion: 43 Resp: 18248

Ion Ratio Lower Upper

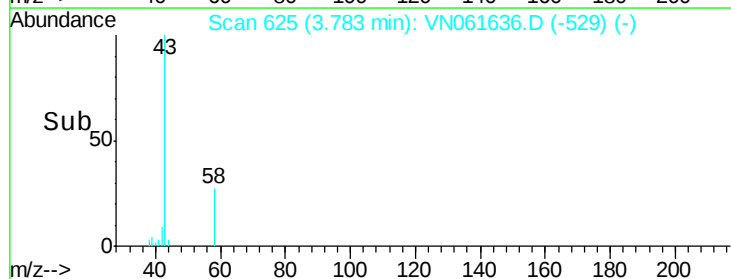
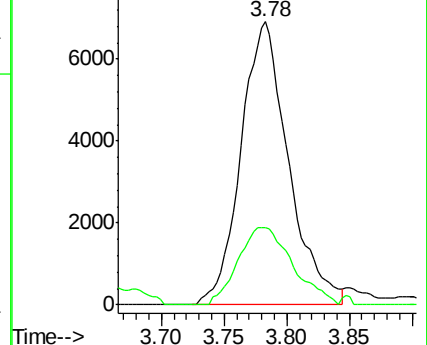
43 100

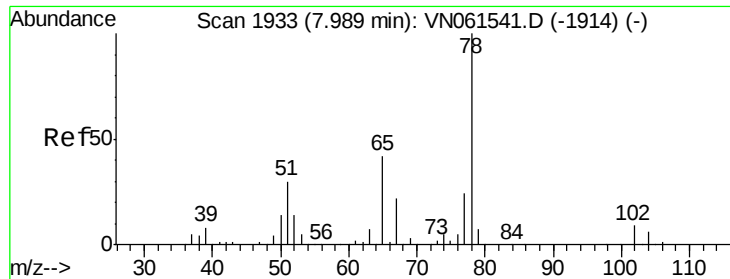
58 27.4 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

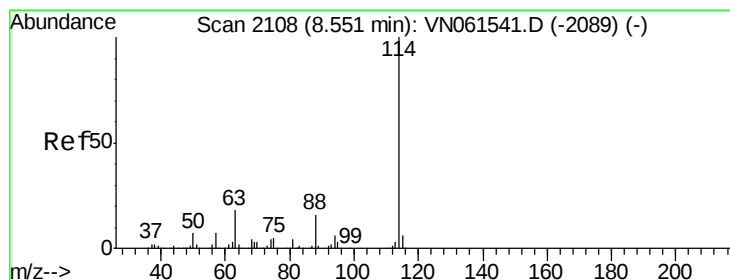
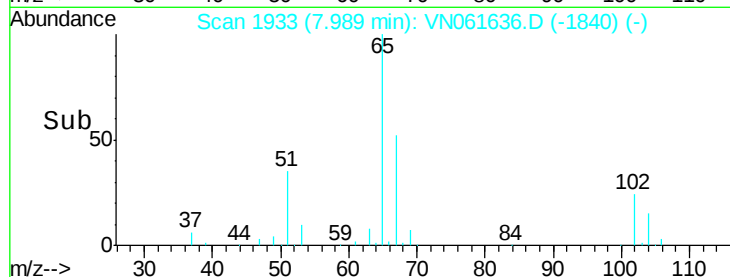
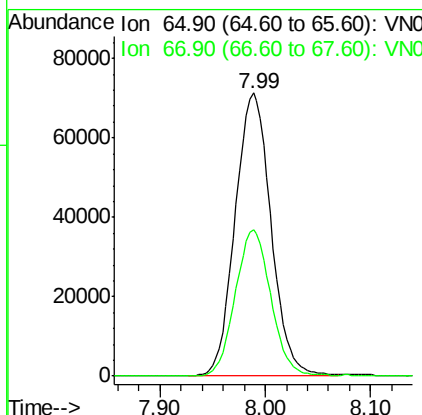
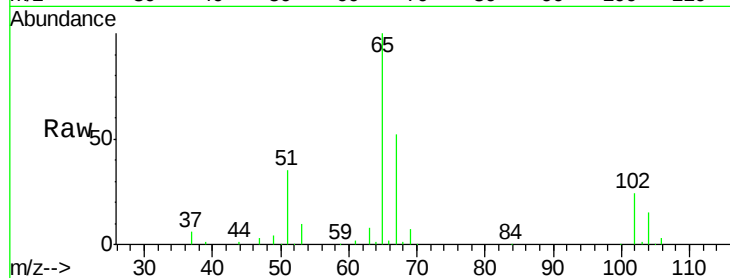




#33
 1,2-Dichloroethane-d4
 Concen: 49.663 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN061636.D
 Acq: 3 Jun 2020 14:22

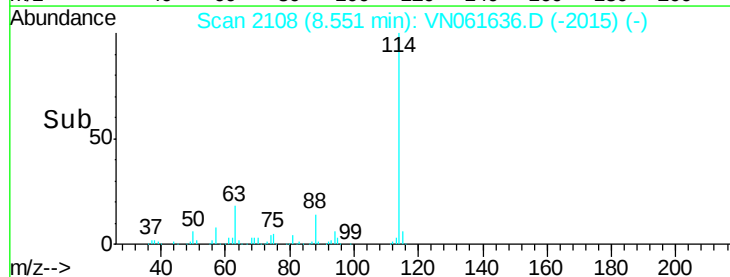
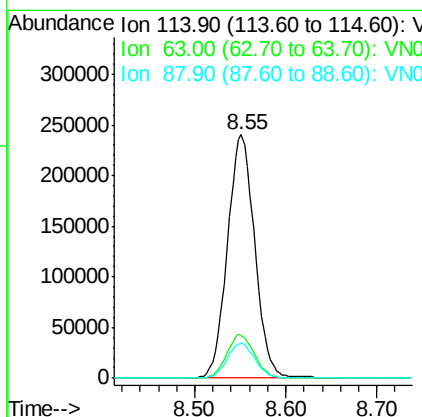
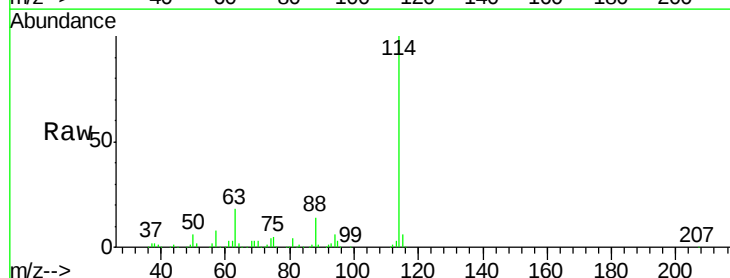
Instrument :
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 ClientSampleId :
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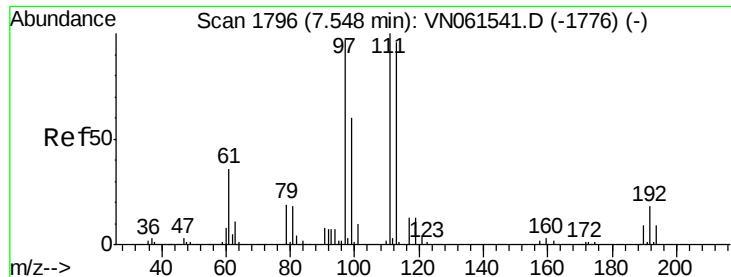
Tot Ion: 65 Resp: 168716
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061636.D
 Acq: 3 Jun 2020 14:22

Tgt Ion: 114 Resp: 500387
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 35.8
 88 14.2 0.0 31.0

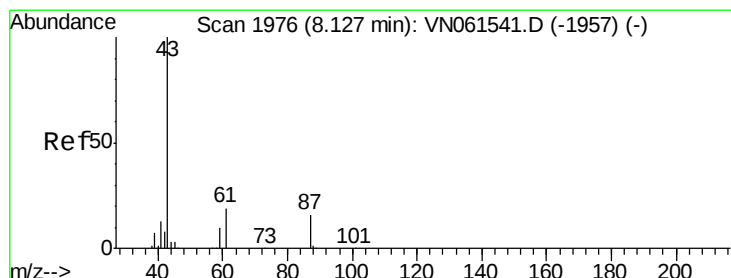
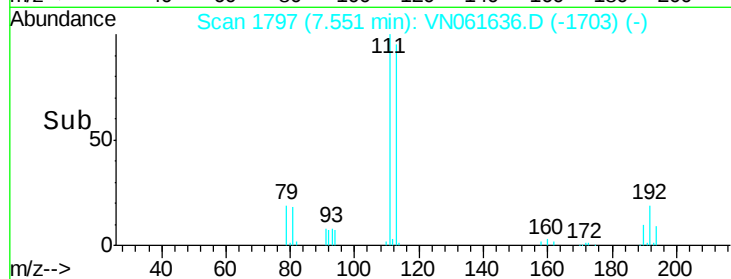
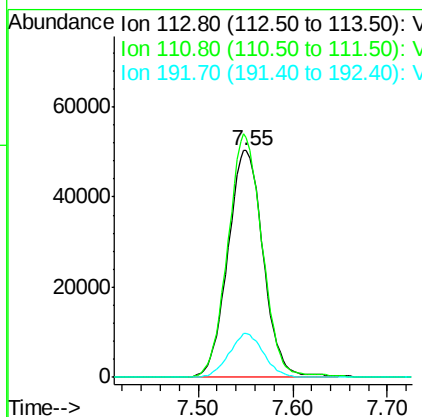
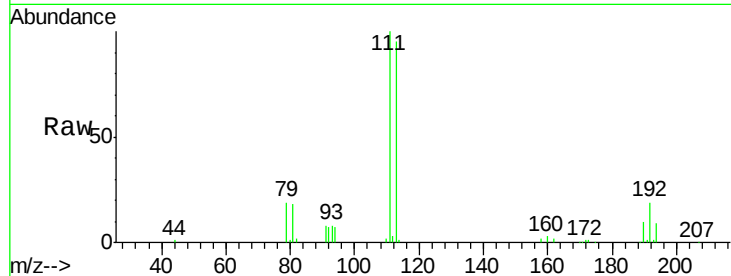




#35
 Dibromofluoromethane
 Concen: 51.433 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN061636.D
 Acq: 3 Jun 2020 14:22

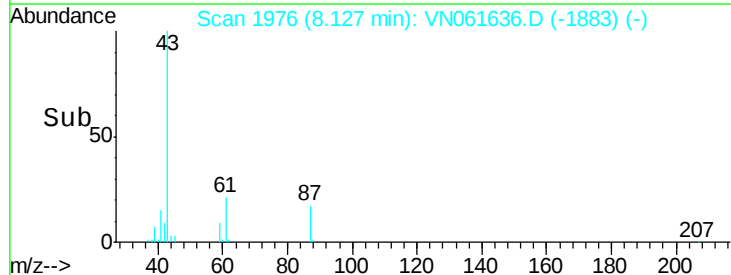
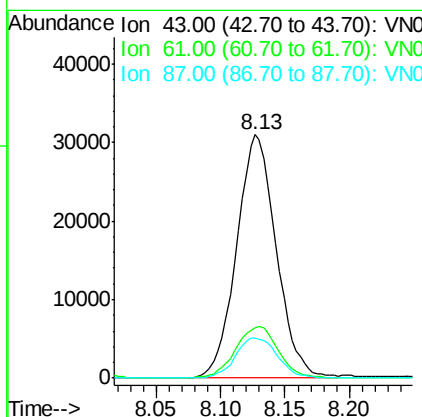
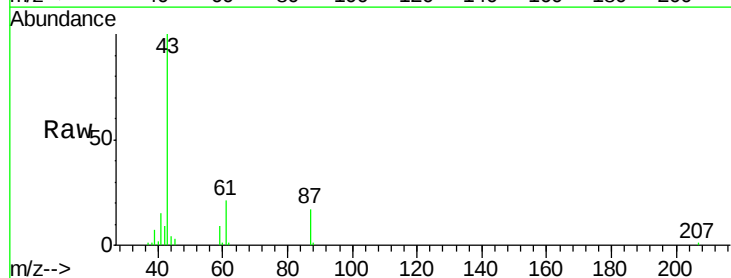
Instrument :
 MSVOA_N
 ClientSampleId :
 PB129262TB

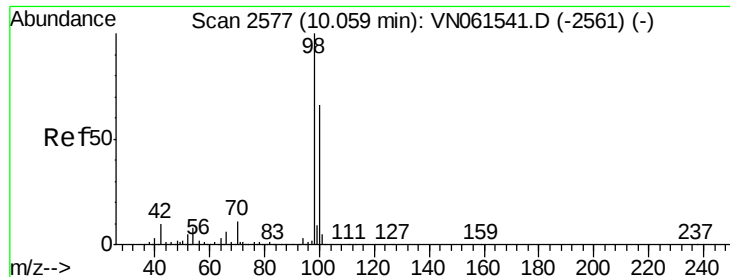
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.6	83.4	125.0
192	18.7	15.4	23.2



#43
 Isopropyl Acetate
 Concen: 10.341 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: VN061636.D
 Acq: 3 Jun 2020 14:22

Tgt Ion	Ratio	Lower	Upper
43	100		
61	22.9	23.6	35.4#
87	17.4	13.0	19.6





#50

Toluene-d8

Concen: 51.946 ug/l

RT: 10.06 min Scan# 2577

Delta R.T. 0.00 min

Lab File: VN061636.D

Acq: 3 Jun 2020 14:22

Instrument :

MSVOA_N

ClientSampleId :

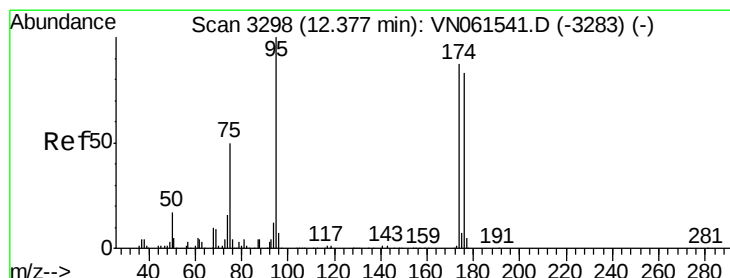
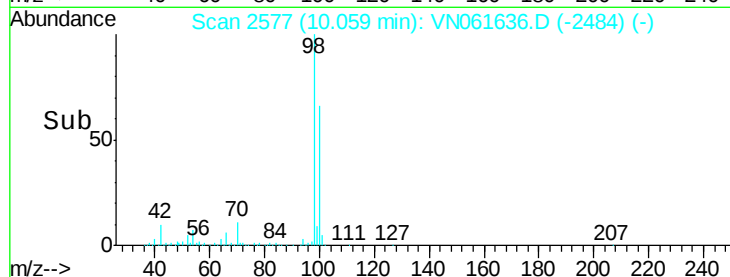
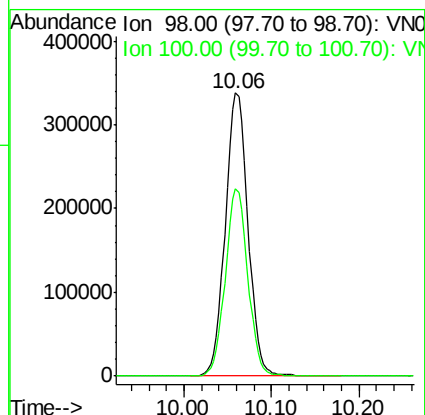
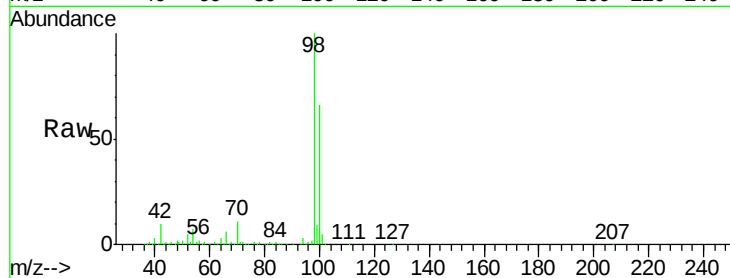
PB129262TB

Tot Ion: 98 Resp: 611046

Ion Ratio Lower Upper

98 100

100 65.4 52.8 79.2



#62

4-Bromofluorobenzene

Concen: 53.311 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VN061636.D

Acq: 3 Jun 2020 14:22

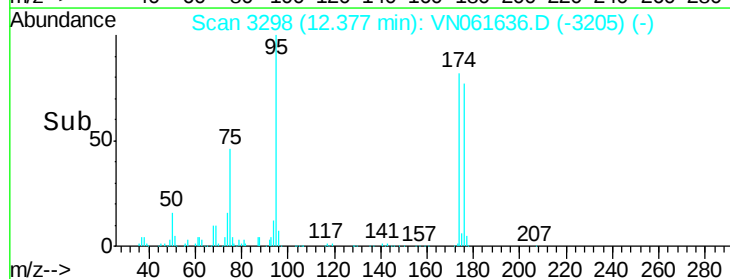
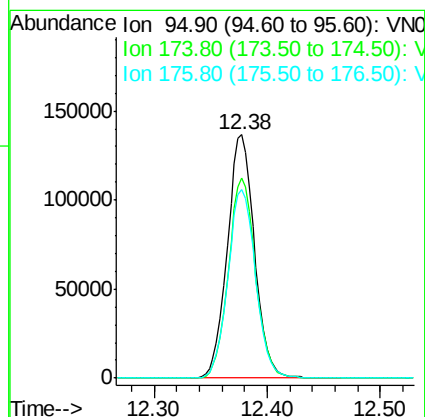
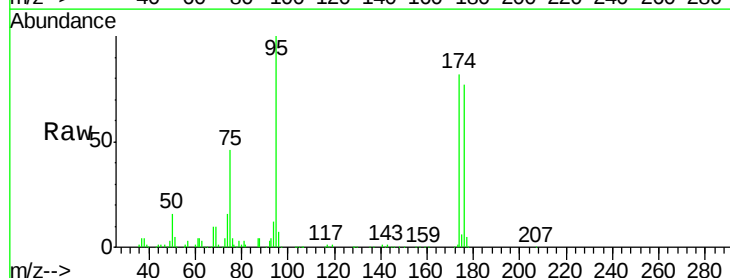
Tgt Ion: 95 Resp: 228791

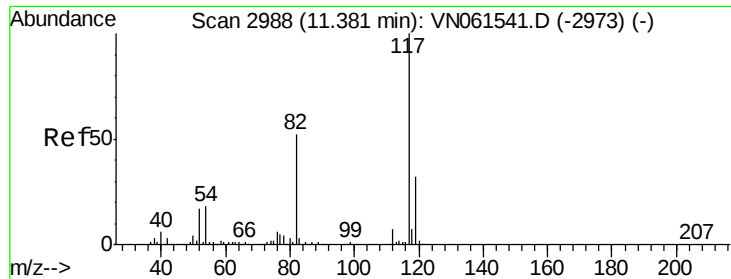
Ion Ratio Lower Upper

95 100

174 81.7 0.0 172.8

176 78.9 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: VN061636.D

Acq: 3 Jun 2020 14:22

Instrument :

MSVOA_N

ClientSampleId :

PB129262TB

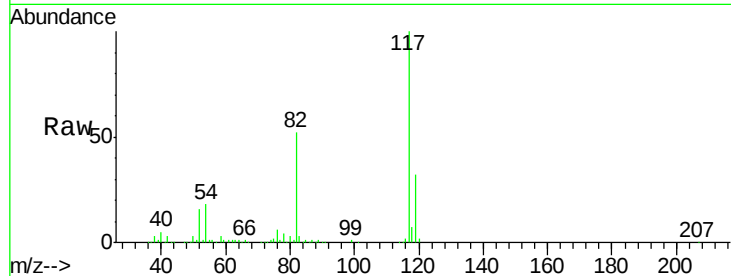
Tot Ion:117 Resp: 503138

Ion Ratio Lower Upper

117 100

82 52.5 41.5 62.3

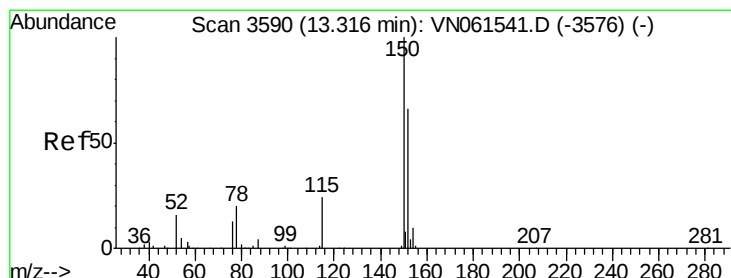
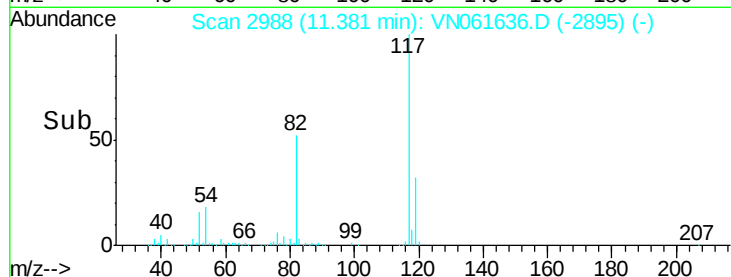
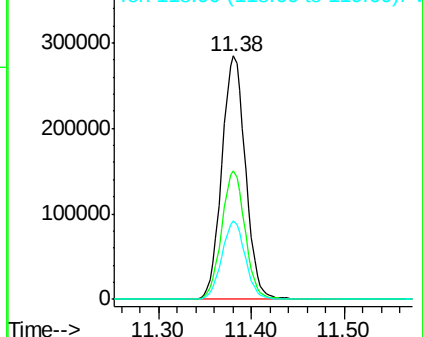
119 32.0 25.6 38.4



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# 3591

Delta R.T. 0.00 min

Lab File: VN061636.D

Acq: 3 Jun 2020 14:22

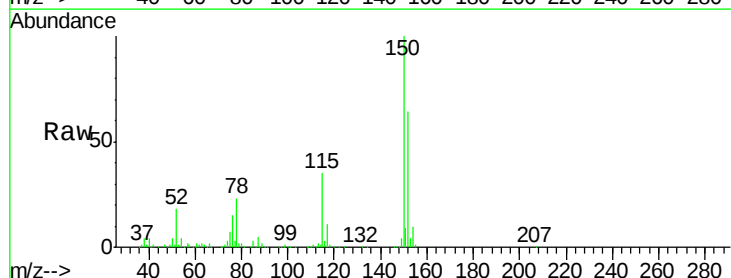
Tgt Ion:152 Resp: 226928

Ion Ratio Lower Upper

152 100

115 57.7 28.0 84.0

150 157.7 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

