

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN012020\
 Data File : VN059793.D
 Acq On : 20 Jan 2020 17:40
 Operator : JC/MD
 Sample : PB126173ZHE#13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126173ZHE#13

Quant Time: Jan 21 02:55:24 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011320W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 18 03:09:32 2020
 Response via : Initial Calibration

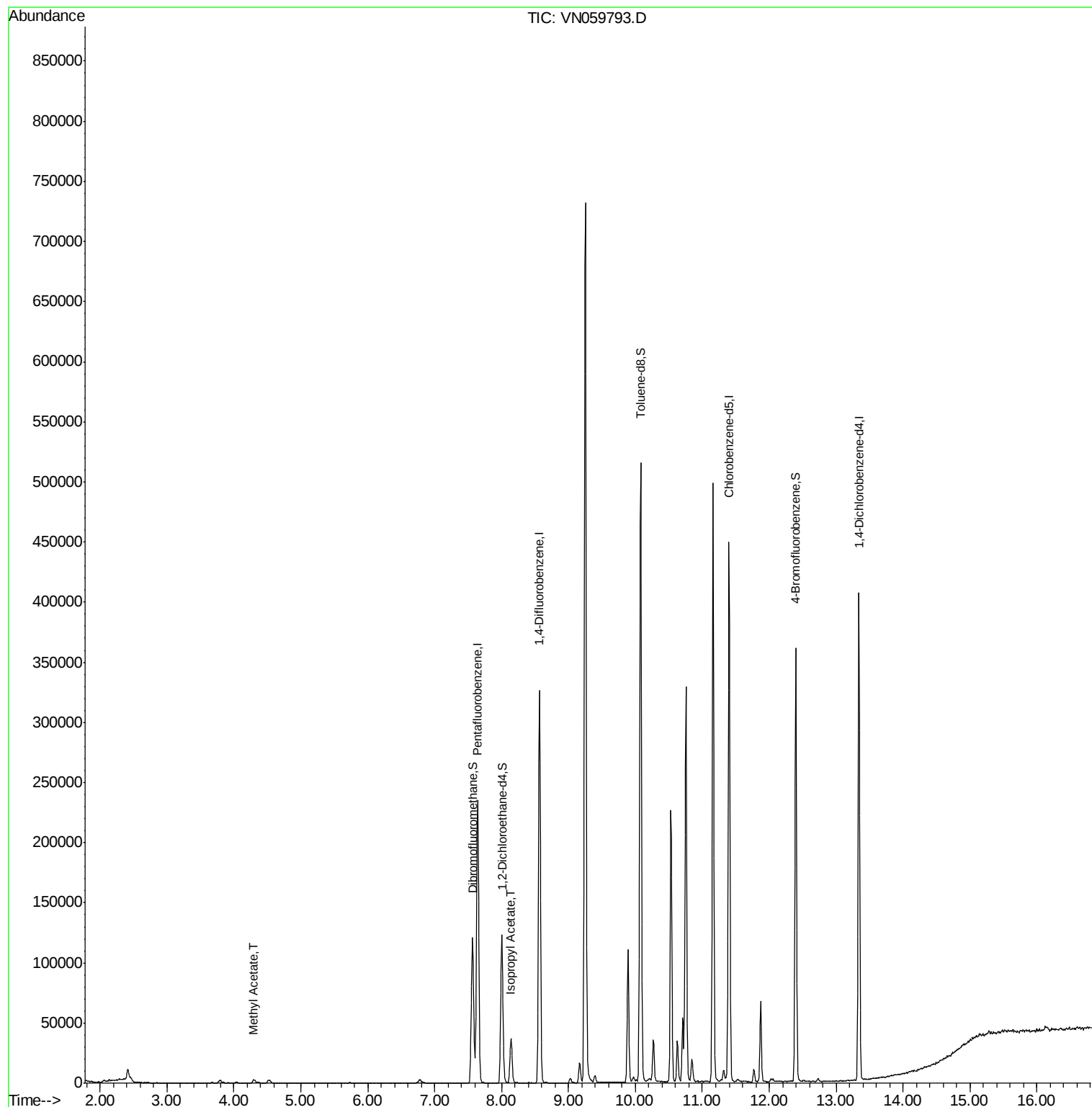
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	206661	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	303975	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	268893	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	111347	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	105689	46.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.10%	
35) Dibromofluoromethane	7.57	113	92621	51.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.18%	
50) Toluene-d8	10.08	98	356888	50.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.40	95	119796	47.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.62%	
Target Compounds						
18) Methyl Acetate	4.29	43	5248	1.958	ug/l	99
43) Isopropyl Acetate	8.14	43	44392	10.395	ug/l #	90

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VN059793.D

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Instrument :

MSVOA_N

ClientSampleId :

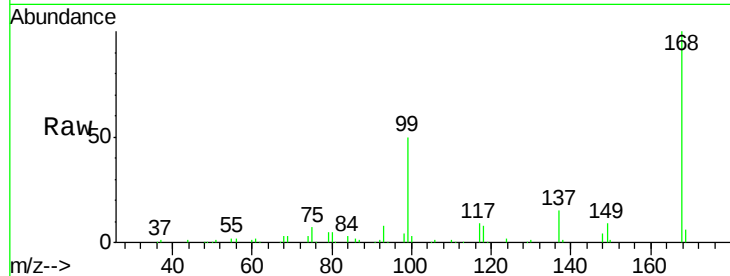
PB126173ZHE#13

Tot Ion:168 Resp: 206661

Ion Ratio Lower Upper

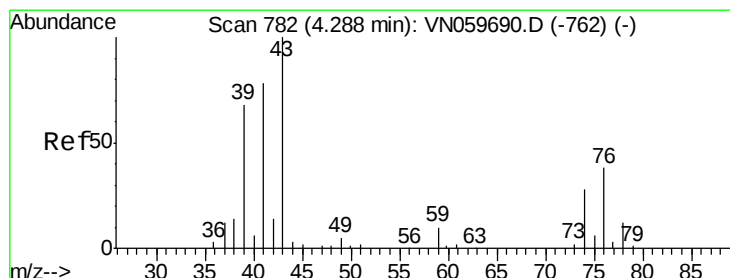
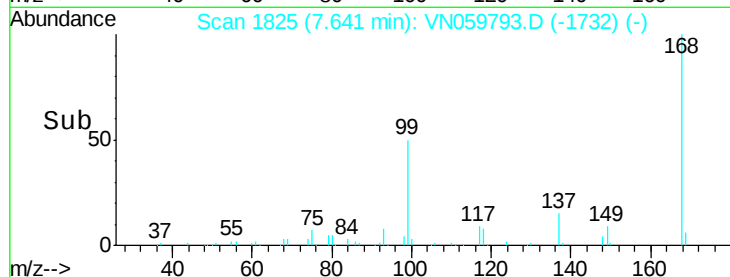
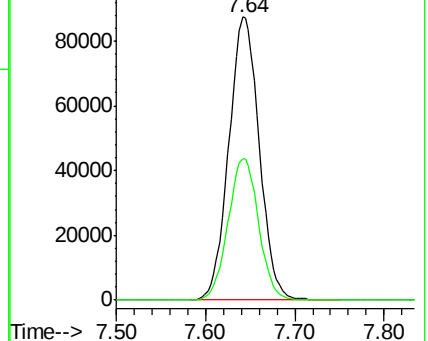
168 100

99 50.0 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#18

Methyl Acetate

Concen: 1.958 ug/l

RT: 4.29 min Scan# 784

Delta R.T. 0.01 min

Lab File: VN059793.D

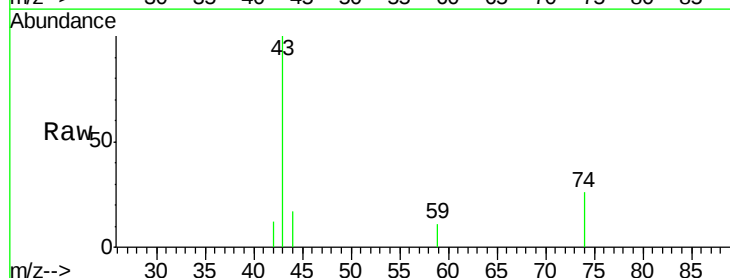
Acq: 20 Jan 2020 17:40

Tgt Ion: 43 Resp: 5248

Ion Ratio Lower Upper

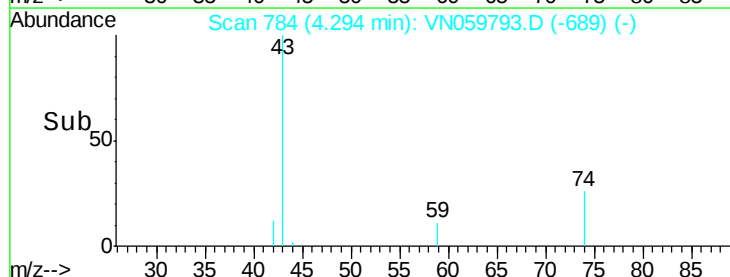
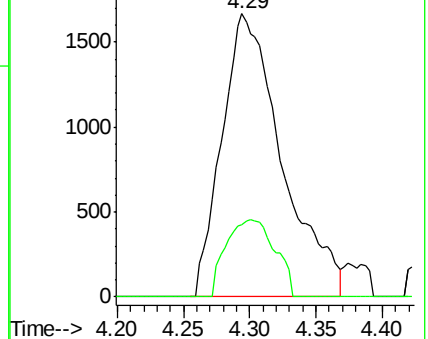
43 100

74 22.1 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 74.00 (73.70 to 74.70): VNO

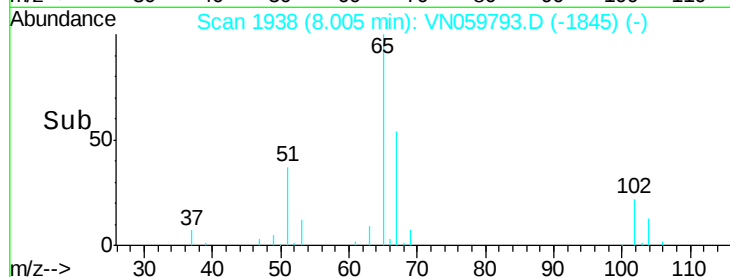
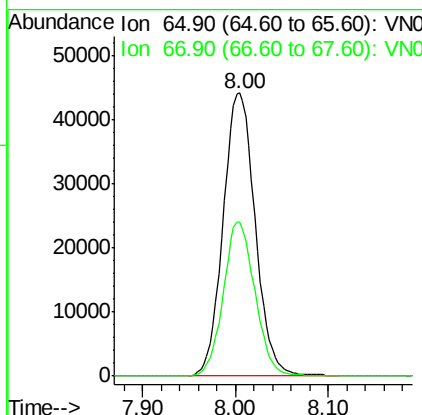
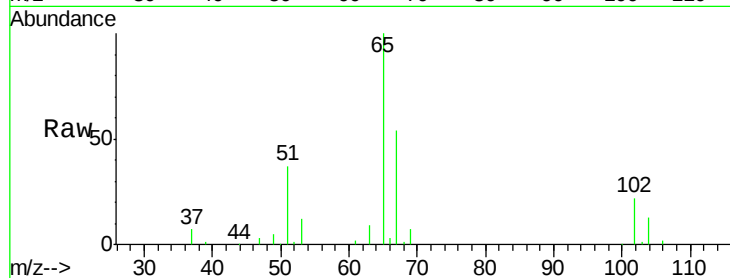




#33
 1,2-Dichloroethane-d4
 Concen: 46.051 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN059793.D
 Acq: 20 Jan 2020 17:40

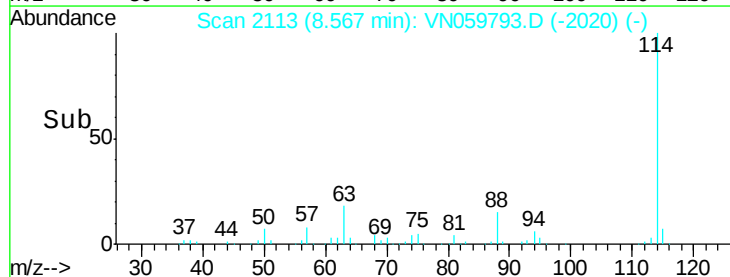
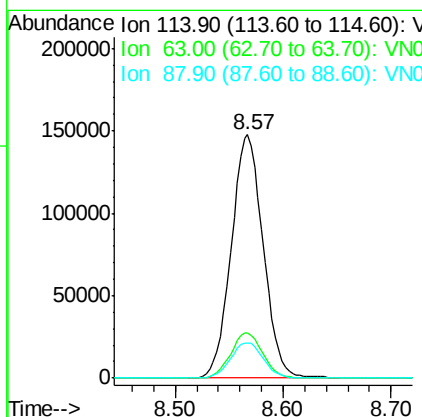
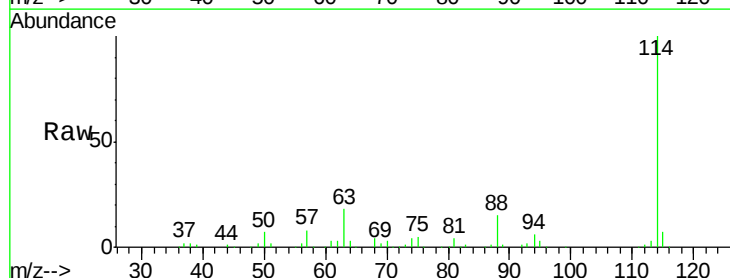
Instrument :
 MSVOA_N
 ClientSampleId :
 PB126173ZHE#13

Tot Ion: 65 Resp: 105689
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN059793.D
 Acq: 20 Jan 2020 17:40

Tgt Ion: 114 Resp: 303975
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 43.6
 88 14.6 0.0 31.4

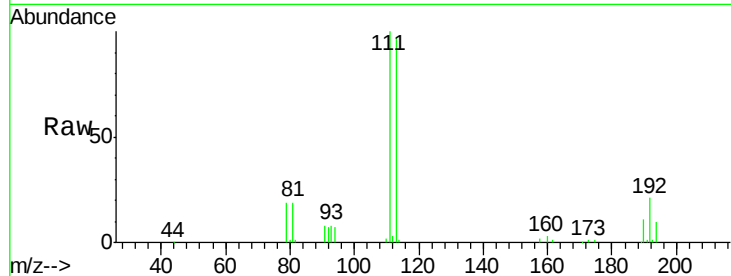




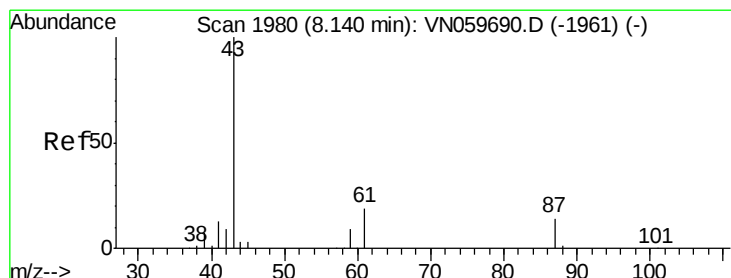
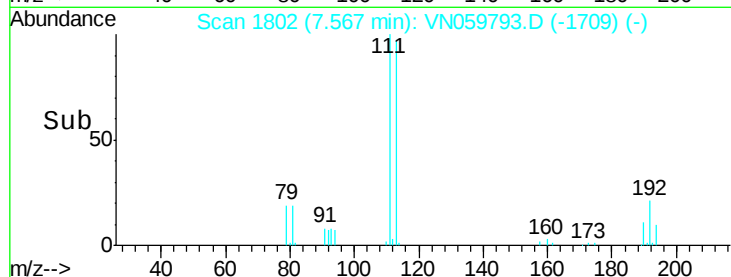
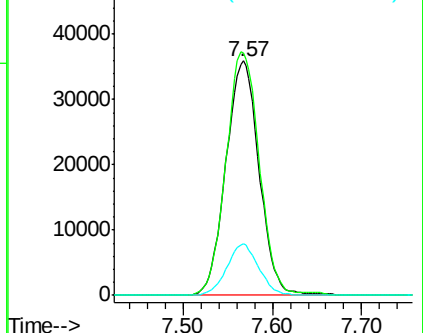
#35
 Dibromofluoromethane
 Concen: 51.095 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN059793.D
 Acq: 20 Jan 2020 17:40

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126173ZHE#13

Tot Ion:113 Resp: 92621
 Ion Ratio Lower Upper
 113 100
 111 104.2 83.5 125.3
 192 21.0 15.4 23.2

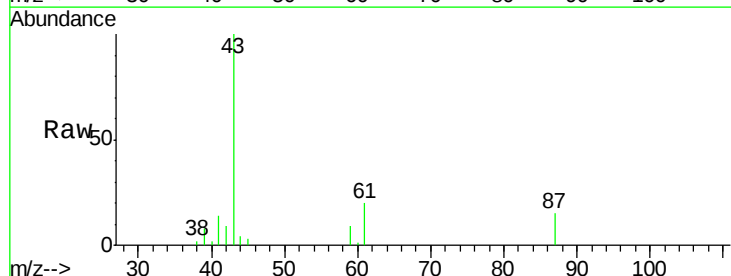


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

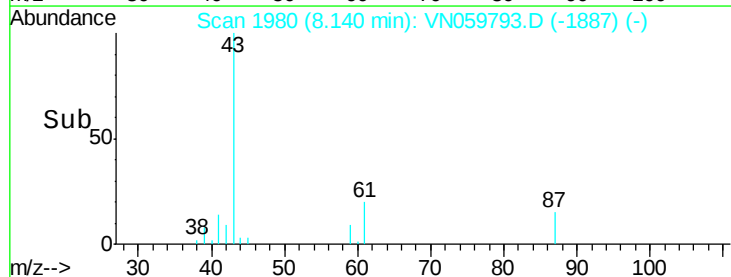
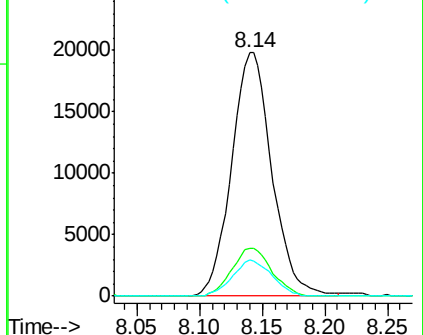


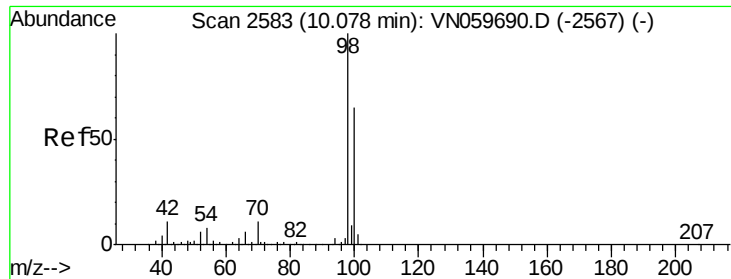
#43
 Isopropyl Acetate
 Concen: 10.395 ug/l
 RT: 8.14 min Scan# 1980
 Delta R.T. 0.00 min
 Lab File: VN059793.D
 Acq: 20 Jan 2020 17:40

Tgt Ion: 43 Resp: 44392
 Ion Ratio Lower Upper
 43 100
 61 19.4 20.2 30.2#
 87 14.4 9.5 14.3#



Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 50.814 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN059793.D

Acq: 20 Jan 2020 17:40

Instrument :

MSVOA_N

ClientSampleId :

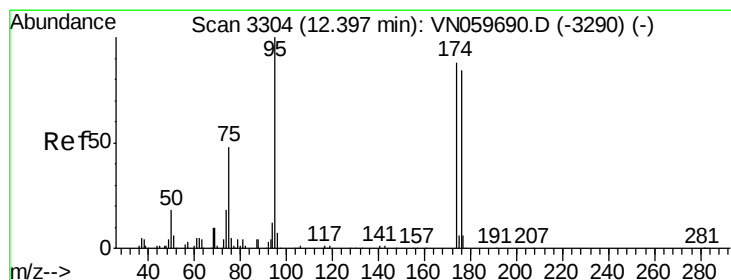
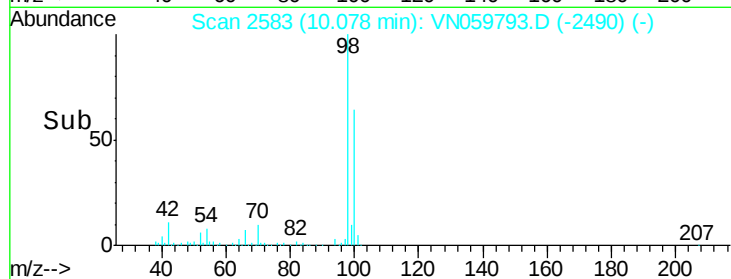
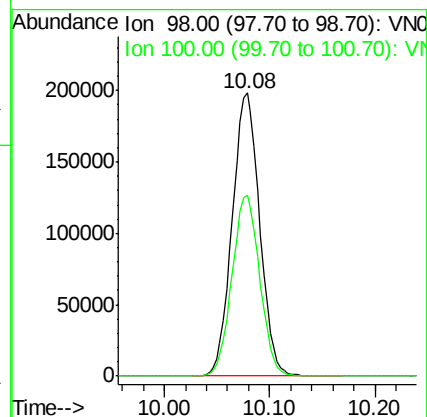
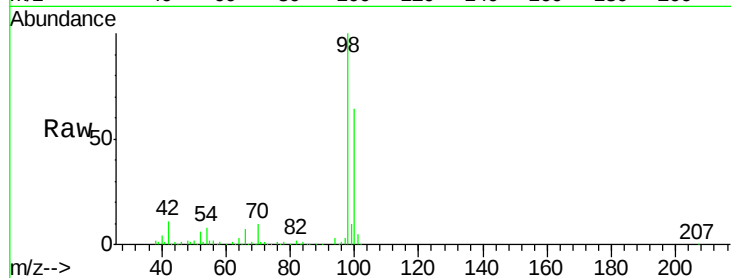
PB126173ZHE#13

Tot Ion: 98 Resp: 356888

Ion Ratio Lower Upper

98 100

100 64.5 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 47.314 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN059793.D

Acq: 20 Jan 2020 17:40

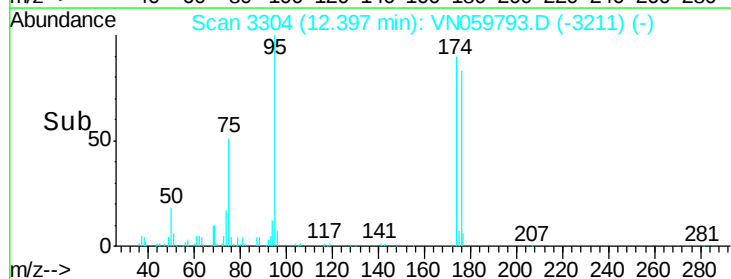
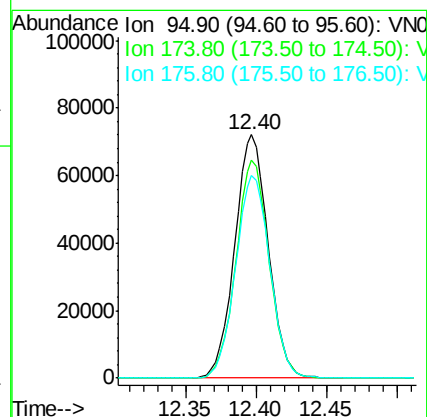
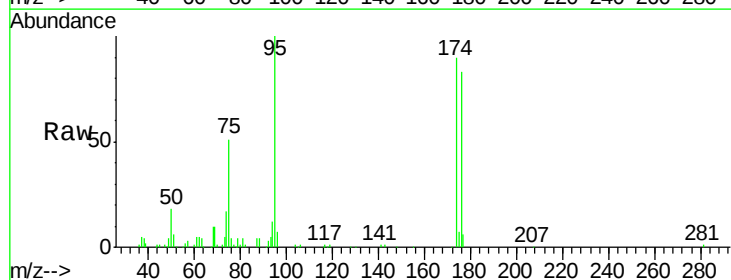
Tgt Ion: 95 Resp: 119796

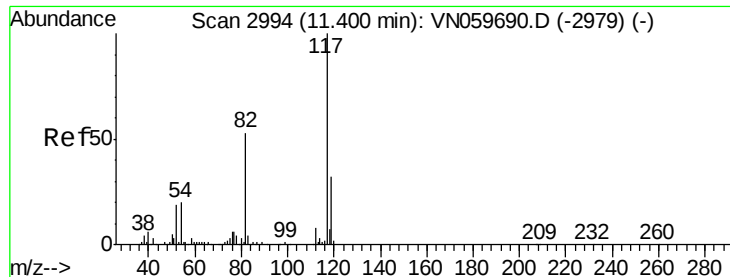
Ion Ratio Lower Upper

95 100

174 88.7 0.0 151.4

176 85.2 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN059793.D

Acq: 20 Jan 2020 17:40

Instrument :

MSVOA_N

ClientSampleId :

PB126173ZHE#13

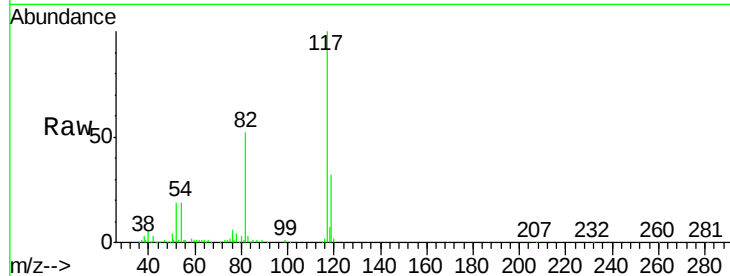
Tot Ion:117 Resp: 268893

Ion Ratio Lower Upper

117 100

82 52.2 45.9 68.9

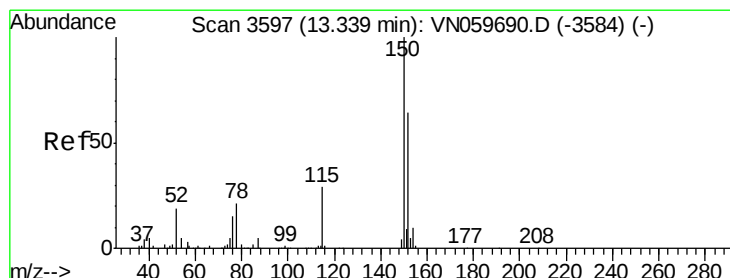
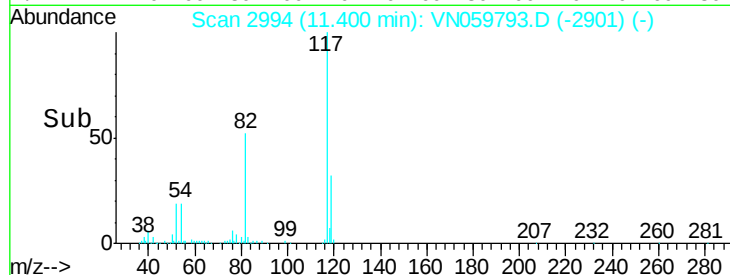
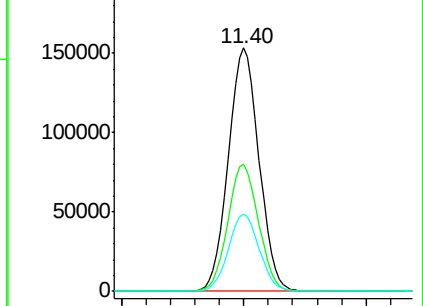
119 31.7 25.5 38.3



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: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN059793.D

Acq: 20 Jan 2020 17:40

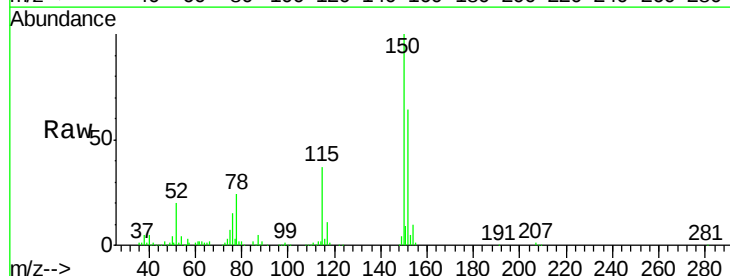
Tgt Ion:152 Resp: 111347

Ion Ratio Lower Upper

152 100

115 57.2 30.3 90.9

150 157.1 0.0 345.2



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

