

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN021720\
 Data File : VN060118.D
 Acq On : 17 Feb 2020 14:44
 Operator : JC/MD
 Sample : PB126834ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB126834ZHE#03

Quant Time: Feb 17 16:59:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

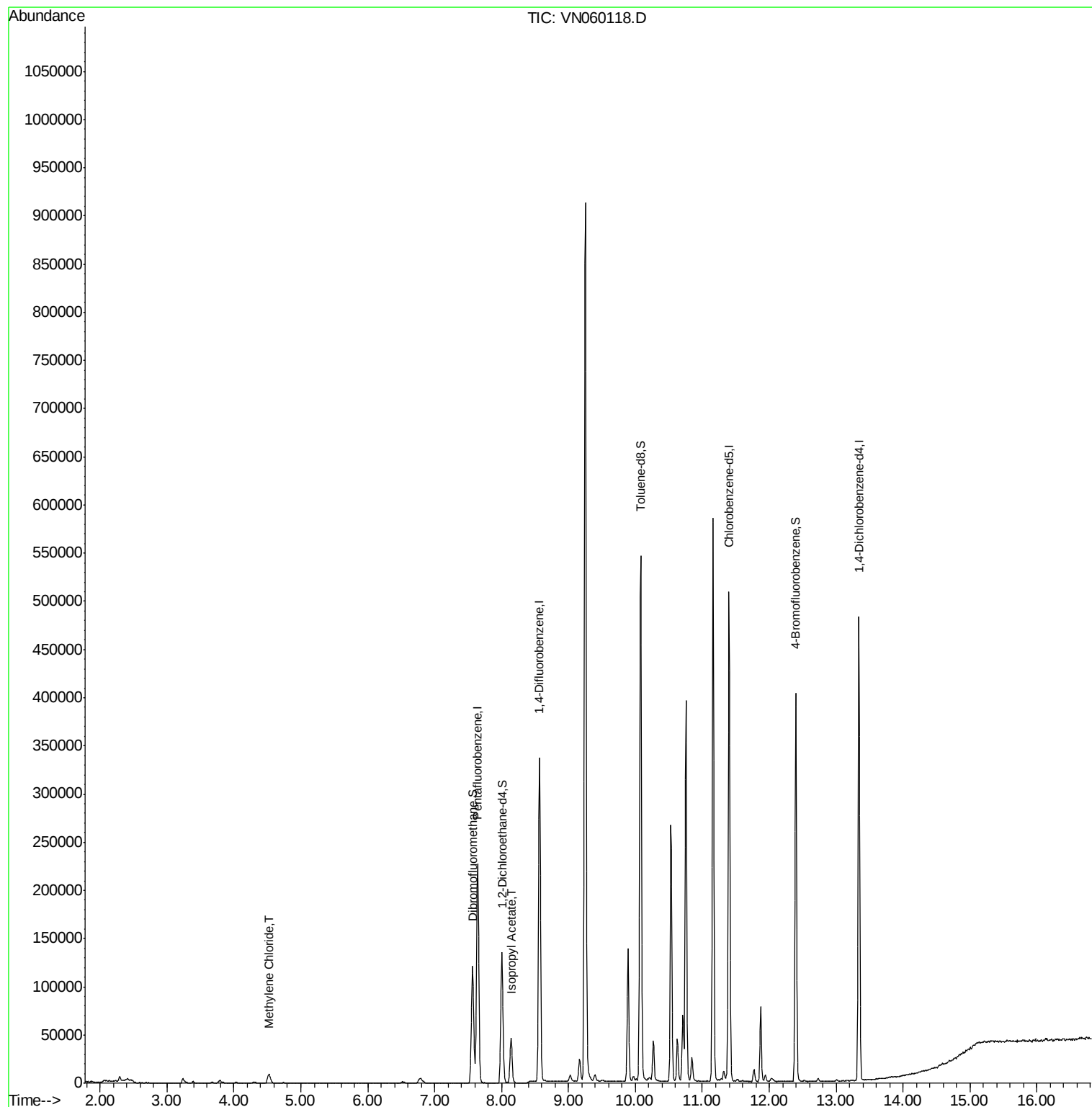
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	189525	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	304965	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	286908	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	127778	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	117910	51.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.26%	
35) Dibromofluoromethane	7.57	113	92157	49.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.32%	
50) Toluene-d8	10.08	98	370594	50.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.40	95	136139	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
Target Compounds						
20) Methylene Chloride	4.53	84	7467	3.721	ug/l	95
43) Isopropyl Acetate	8.14	43	56034	12.840	ug/l #	90

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

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Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VN060118.D

Acq: 17 Feb 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

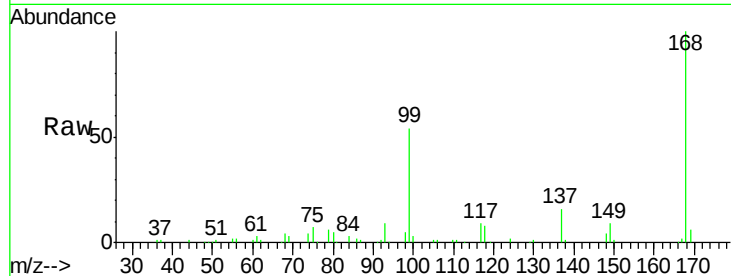
PB126834ZHE#03

Tot Ion:168 Resp: 189525

Ion Ratio Lower Upper

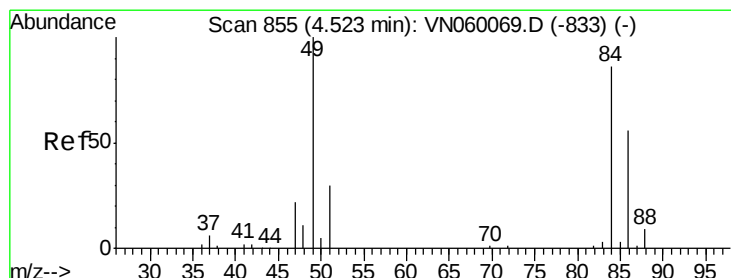
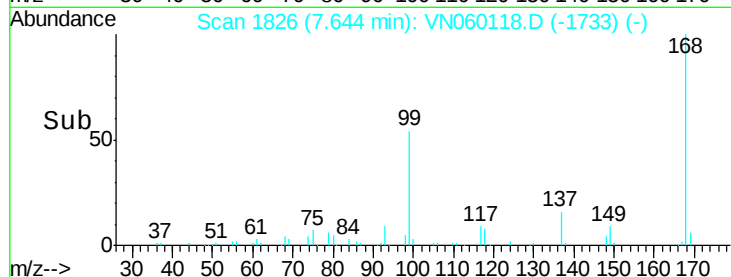
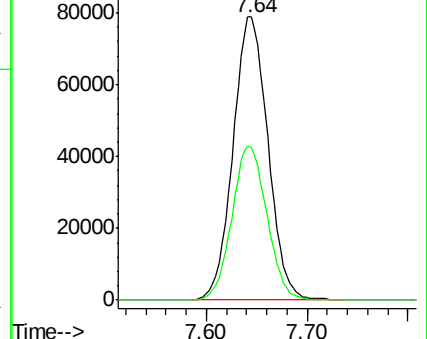
168 100

99 53.8 42.7 64.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 3.721 ug/l

RT: 4.53 min Scan# 856

Delta R.T. 0.00 min

Lab File: VN060118.D

Acq: 17 Feb 2020 14:44

Tgt Ion: 84 Resp: 7467

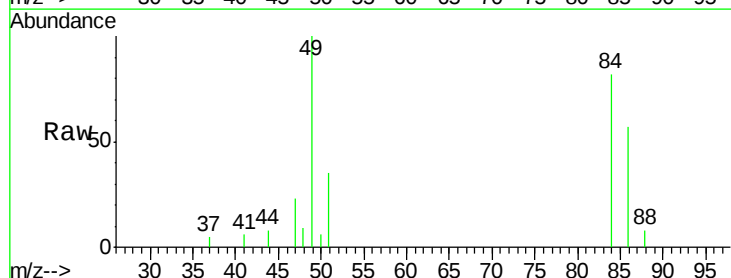
Ion Ratio Lower Upper

84 100

49 121.4 93.4 140.0

51 42.4 28.4 42.6

86 68.9 52.5 78.7

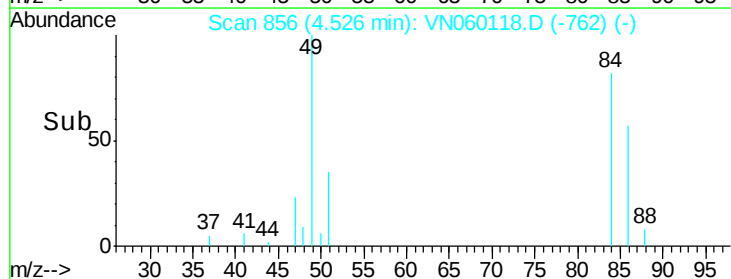
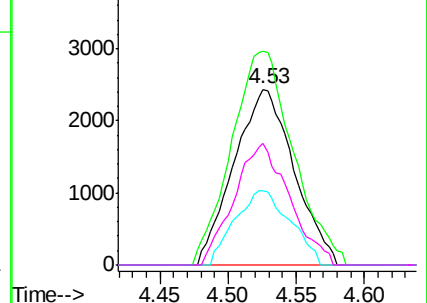


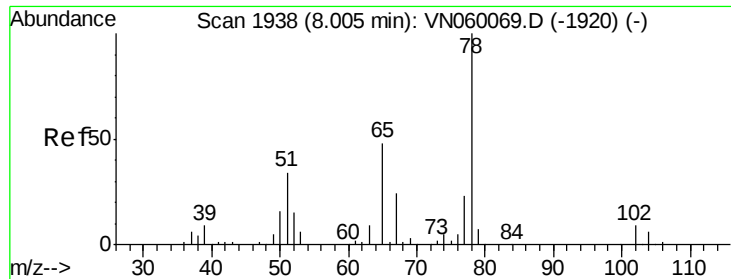
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

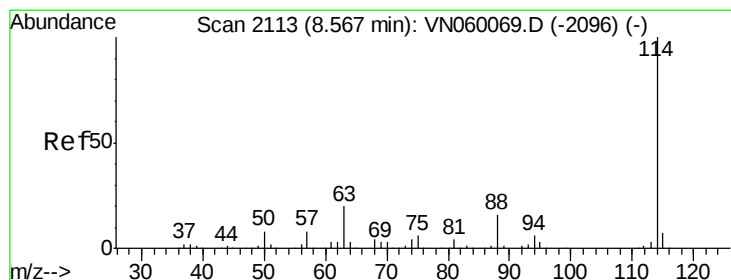
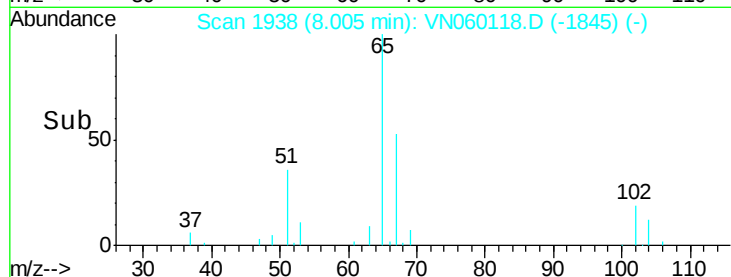
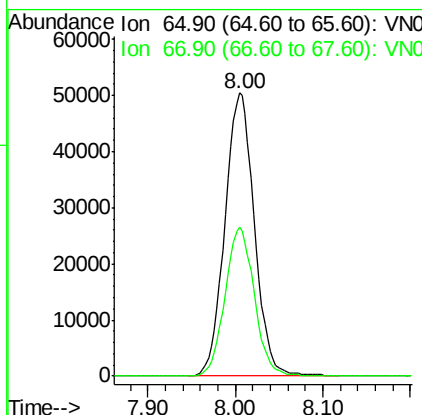
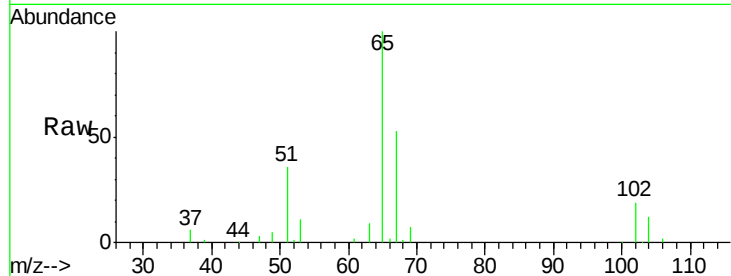




#33
 1,2-Dichloroethane-d4
 Concen: 51.127 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060118.D
 Acq: 17 Feb 2020 14:44

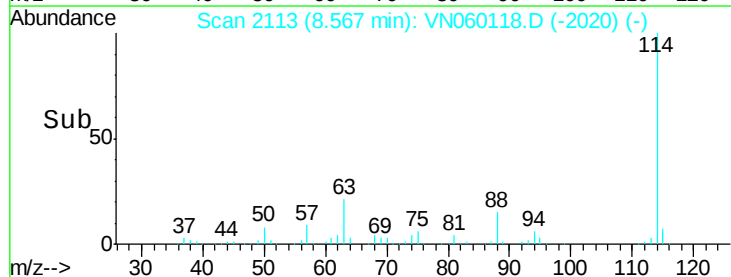
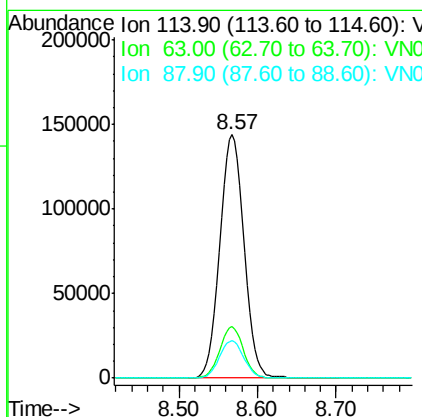
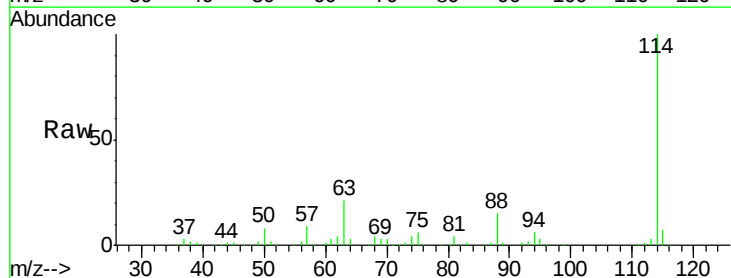
Instrument :
 MSVOA_N
 ClientSampleId :
 PB126834ZHE#03

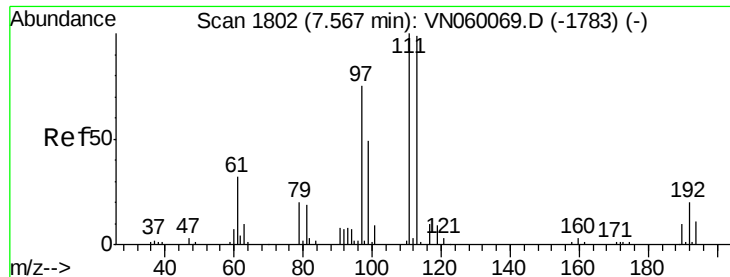
Tot Ion: 65 Resp: 117910
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060118.D
 Acq: 17 Feb 2020 14:44

Tgt Ion: 114 Resp: 304965
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 40.0
 88 15.2 0.0 31.6





#35

Dibromofluoromethane

Concen: 49.160 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. -0.00 min

Lab File: VN060118.D

Acq: 17 Feb 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

PB126834ZHE#03

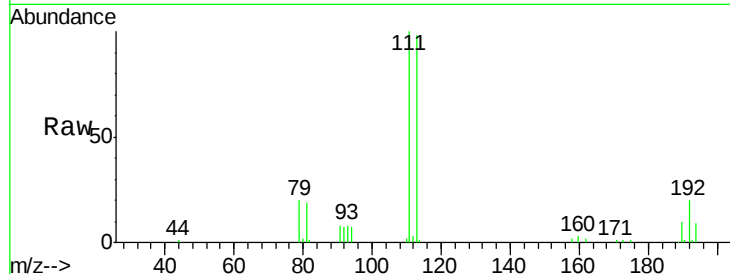
Tot Ion:113 Resp: 92157

Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.2

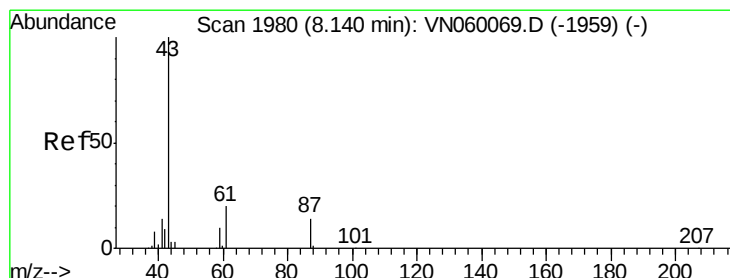
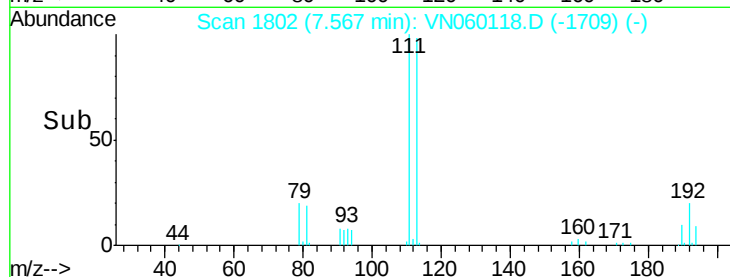
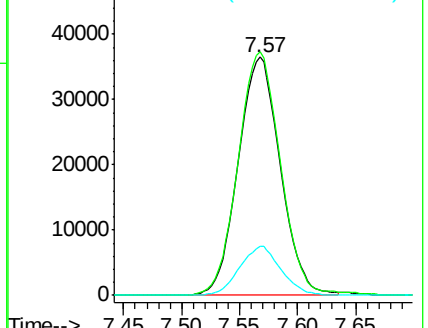
192 20.2 16.2 24.2



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: 12.840 ug/l

RT: 8.14 min Scan# 1981

Delta R.T. 0.00 min

Lab File: VN060118.D

Acq: 17 Feb 2020 14:44

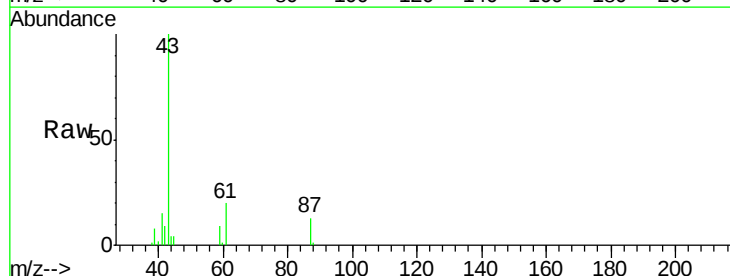
Tgt Ion: 43 Resp: 56034

Ion Ratio Lower Upper

43 100

61 19.5 21.8 32.6#

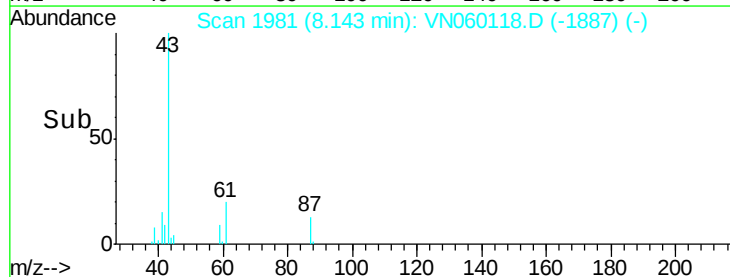
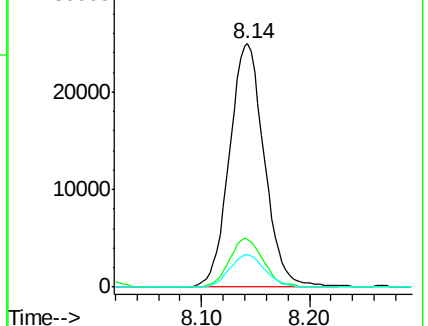
87 13.4 11.4 17.2

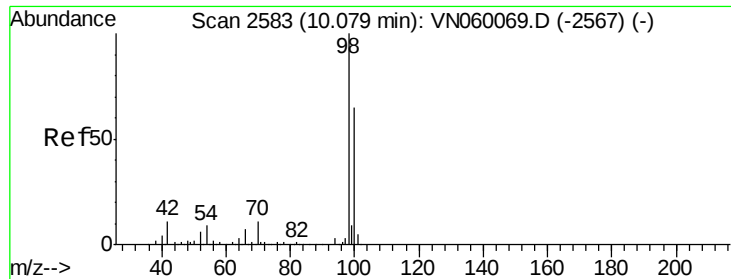


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

Ion 87.00 (86.70 to 87.70): VNO





#50

Toluene-d8

Concen: 50.201 ug/l

RT: 10.08 min Scan# 2582

Delta R.T. -0.00 min

Lab File: VN060118.D

Acq: 17 Feb 2020 14:44

Instrument :

MSVOA_N

ClientSampleId :

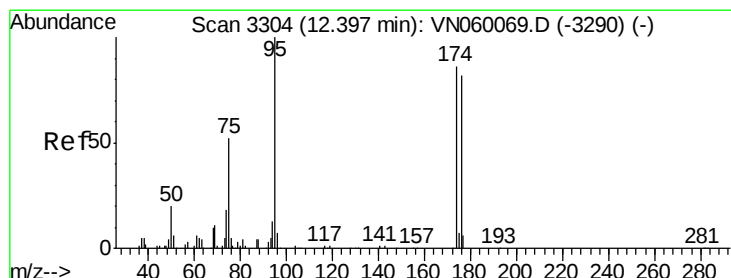
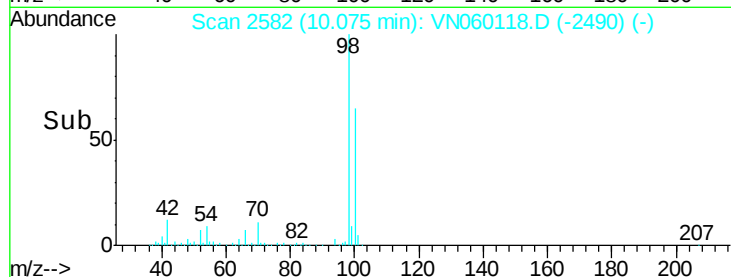
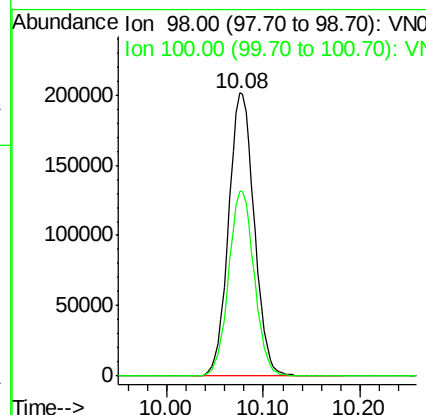
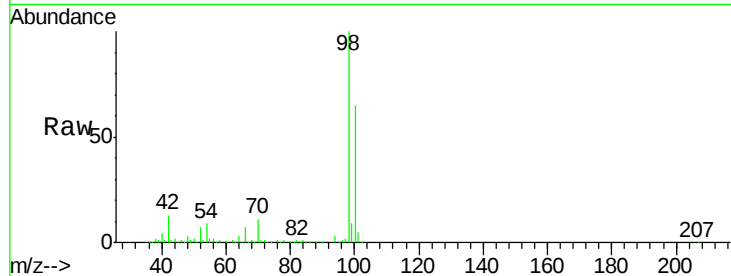
PB126834ZHE#03

Tot Ion: 98 Resp: 370594

Ion Ratio Lower Upper

98 100

100 65.0 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 50.188 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060118.D

Acq: 17 Feb 2020 14:44

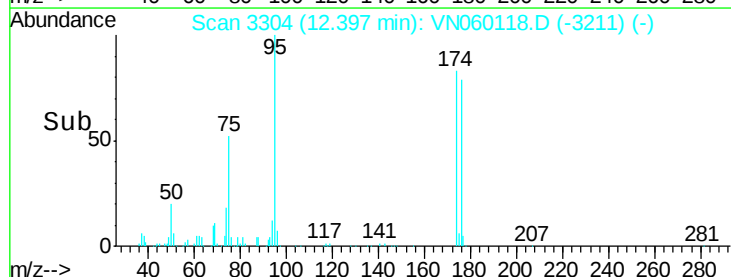
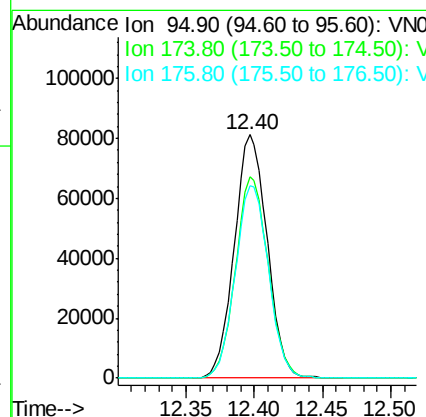
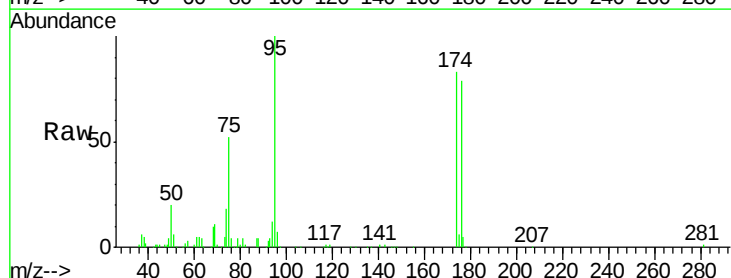
Tgt Ion: 95 Resp: 136139

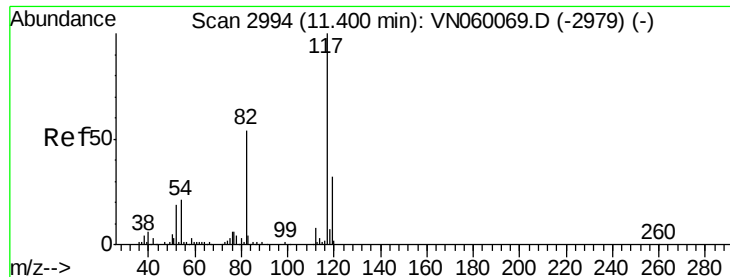
Ion Ratio Lower Upper

95 100

174 82.2 0.0 169.8

176 80.0 0.0 164.8

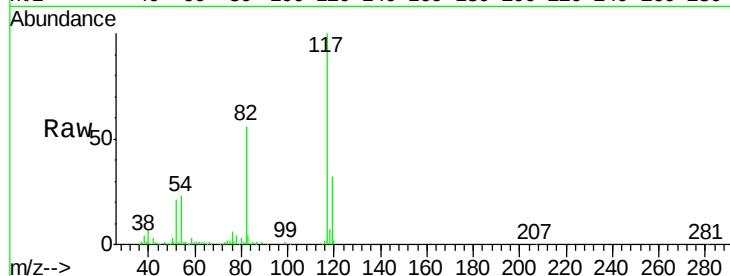




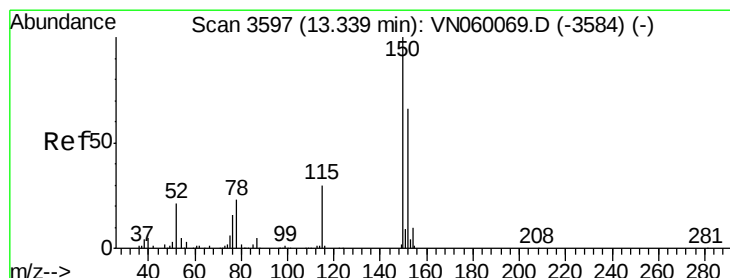
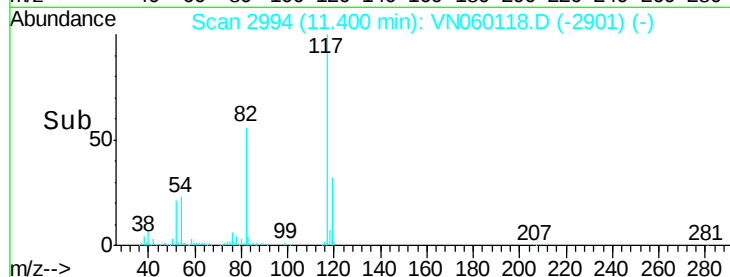
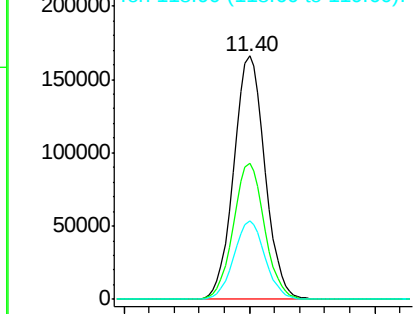
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN060118.D
Acq: 17 Feb 2020 14:44

Instrument :
MSVOA_N
ClientSampleId :
PB126834ZHE#03

Tot Ion:117 Resp: 286908
Ion Ratio Lower Upper
117 100
82 55.7 43.4 65.0
119 32.0 25.8 38.6

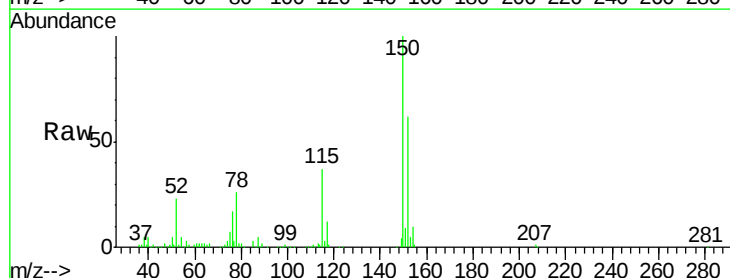


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060118.D
Acq: 17 Feb 2020 14:44

Tgt Ion:152 Resp: 127778
Ion Ratio Lower Upper
152 100
115 59.1 28.9 86.8
150 159.4 0.0 342.4



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

